

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
 Data File : VX033836.D
 Acq On : 23 Jan 2023 10:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2023
 Supervised By : Mahesh Dadoda 01/27/2023

Quant Time: Jan 24 01:06:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	178043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	251257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85407	45.559	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.120%		
35) Dibromofluoromethane	5.379	113	78115	50.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.140%		
50) Toluene-d8	8.646	98	276747	48.684	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.360%		
62) 4-Bromofluorobenzene	11.079	95	102281	48.462	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	62984	44.765	ug/l	97
3) Chloromethane	1.294	50	73107	47.040	ug/l	100
4) Vinyl Chloride	1.373	62	73143	48.495	ug/l	99
5) Bromomethane	1.617	94	48713	56.212	ug/l	100
6) Chloroethane	1.690	64	39282	42.128	ug/l	98
7) Trichlorofluoromethane	1.885	101	111519	45.594	ug/l	97
8) Diethyl Ether	2.129	74	46122	57.590	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.330	101	72503	51.415	ug/l	95
10) Methyl Iodide	2.452	142	96063	48.575	ug/l	93
11) Tert butyl alcohol	3.013	59	74582	229.019	ug/l #	97
12) 1,1-Dichloroethene	2.318	96	68386	47.205	ug/l	90
13) Acrolein	2.239	56	73097	243.274	ug/l	98
14) Allyl chloride	2.666	41	126300	46.223	ug/l	88
15) Acrylonitrile	3.068	53	201762	235.411	ug/l	99
16) Acetone	2.398	43	188605	278.242	ug/l	95
17) Carbon Disulfide	2.513	76	177963	48.593	ug/l	99
18) Methyl Acetate	2.702	43	121948	46.612	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	243512	48.397	ug/l	99
20) Methylene Chloride	2.788	84	83111	51.041	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	74083	43.743	ug/l	94
22) Diisopropyl ether	3.757	45	250338	45.536	ug/l	93
23) Vinyl Acetate	3.720	43	970963	234.614	ug/l	98
24) 1,1-Dichloroethane	3.605	63	135855	45.168	ug/l	99
25) 2-Butanone	4.562	43	277766	226.775	ug/l	96
26) 2,2-Dichloropropane	4.470	77	104510	48.508	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	88533	45.470	ug/l	98
28) Bromochloromethane	4.897	49	63167	46.105	ug/l	95
29) Tetrahydrofuran	5.007	42	173965	225.348	ug/l	97
30) Chloroform	5.092	83	137900	44.764	ug/l	99
31) Cyclohexane	5.470	56	119432	43.296	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	122753	46.670	ug/l	97
36) 1,1-Dichloropropene	5.690	75	101767	44.693	ug/l	99
37) Ethyl Acetate	4.708	43	107803	49.595	ug/l	100
38) Carbon Tetrachloride	5.671	117	114877	48.711	ug/l	100
39) Methylcyclohexane	7.378	83	129117	45.918	ug/l	95
40) Benzene	6.037	78	303154	45.677	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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 Supervised By : Mahesh Dadoda 01/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	62125	49.511	ug/l	97
42) 1,2-Dichloroethane	6.086	62	105636	44.913	ug/l	99
43) Isopropyl Acetate	6.336	43	173071	48.147	ug/l	98
44) Trichloroethene	7.122	130	89795	48.383	ug/l	94
45) 1,2-Dichloropropane	7.427	63	79892	48.053	ug/l	98
46) Dibromomethane	7.580	93	56377	48.547	ug/l	98
47) Bromodichloromethane	7.817	83	113459	50.696	ug/l	97
48) Methyl methacrylate	7.689	41	86306	47.663	ug/l	97
49) 1,4-Dioxane	7.732	88	39759	992.639	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	524009	237.360	ug/l	98
52) Toluene	8.713	92	198785	46.380	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	122129	54.567	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	132739	52.929	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	81880	48.262	ug/l	98
56) Ethyl methacrylate	9.116	69	121951	51.077	ug/l	96
57) 1,3-Dichloropropane	9.305	76	134901	49.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	280048	238.161	ug/l	99
59) 2-Hexanone	9.427	43	388021	252.525	ug/l	99
60) Dibromochloromethane	9.518	129	100150	56.940	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87234	51.522	ug/l	97
64) Tetrachloroethene	9.268	164	82182	52.462	ug/l	98
65) Chlorobenzene	10.079	112	222337	48.201	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	89967	52.997	ug/l	98
67) Ethyl Benzene	10.195	91	380926	48.098	ug/l	98
68) m/p-Xylenes	10.299	106	302374	97.612	ug/l	99
69) o-Xylene	10.640	106	147975	48.168	ug/l	99
70) Styrene	10.652	104	248695	49.777	ug/l	100
71) Bromoform	10.798	173	82867	58.255	ug/l #	99
73) Isopropylbenzene	10.963	105	385343	50.023	ug/l	100
74) N-amyl acetate	10.841	43	142563	46.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	117635	52.390	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	109447m	50.883	ug/l	
77) Bromobenzene	11.195	156	103586	49.826	ug/l	99
78) n-propylbenzene	11.304	91	433137	45.342	ug/l	99
79) 2-Chlorotoluene	11.365	91	255373	49.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	319826	45.402	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	39760	57.449	ug/l	92
82) 4-Chlorotoluene	11.457	91	291499	49.312	ug/l	98
83) tert-Butylbenzene	11.713	119	342773	49.007	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	320602	48.113	ug/l	100
85) sec-Butylbenzene	11.890	105	401792	48.027	ug/l	99
86) p-Isopropyltoluene	12.012	119	350757	48.972	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	191662	48.453	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	191823	47.604	ug/l	100
89) n-Butylbenzene	12.335	91	288859	49.297	ug/l	99
90) Hexachloroethane	12.536	117	66665	56.583	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	187126	49.024	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	24738	51.785	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	132730	51.622	ug/l	99
94) Hexachlorobutadiene	13.725	225	64161	50.942	ug/l	99
95) Naphthalene	13.774	128	375922	50.820	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	130918	50.886	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

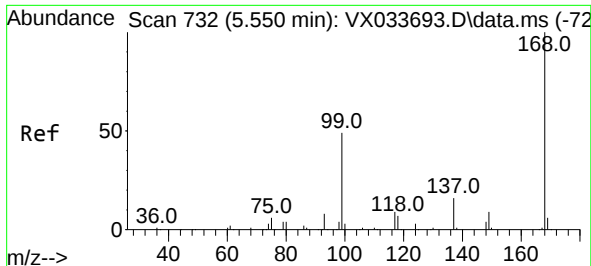
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

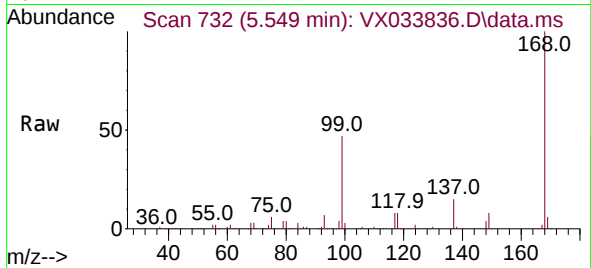
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Supervised By :Mahesh Dadoda 01/27/2023

Page: 4



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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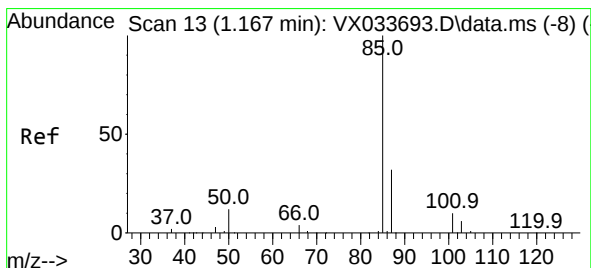
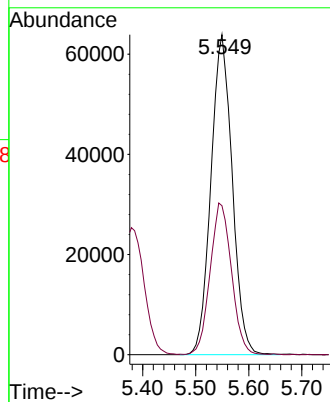
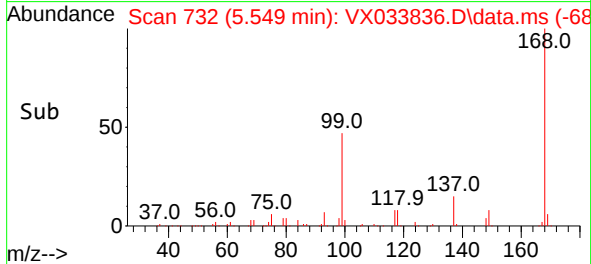
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 17804
Ion Ratio Lower Upper
168 100
99 46.5 39.6 59.4

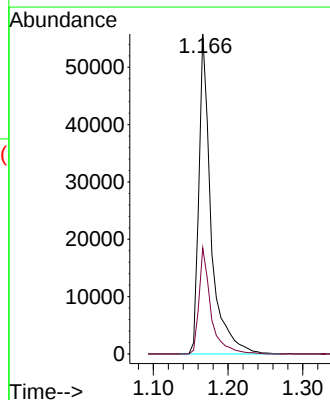
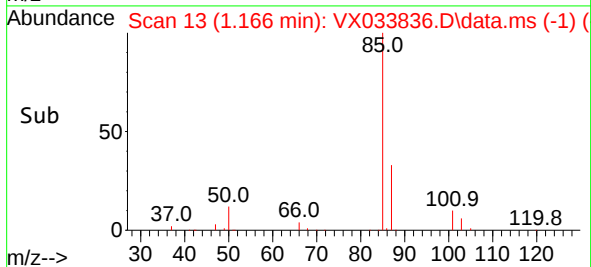
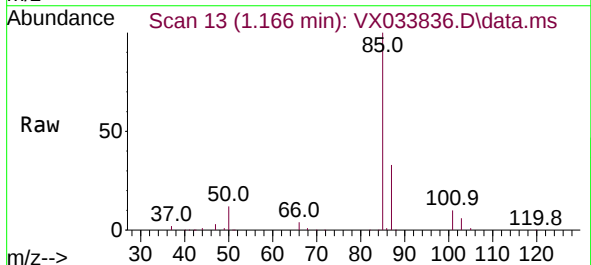
Manual Integrations
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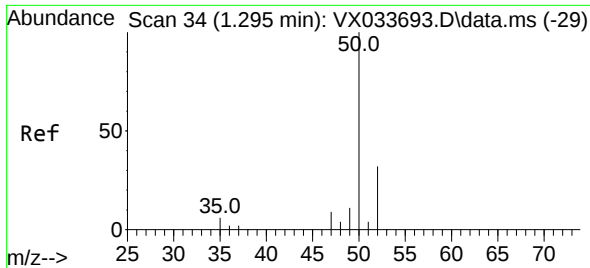
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#2
Dichlorodifluoromethane
Concen: 44.765 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Tgt Ion: 85 Resp: 62984
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





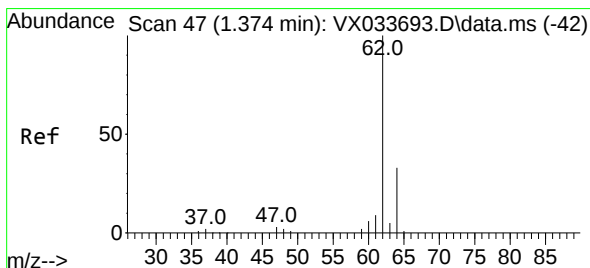
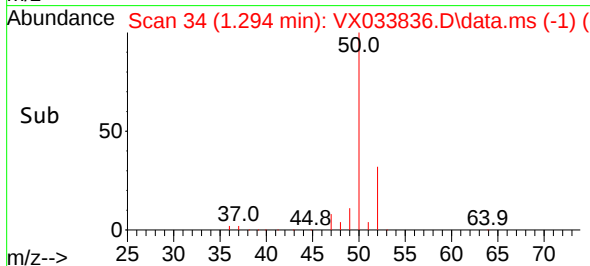
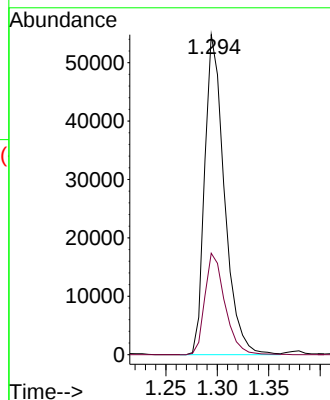
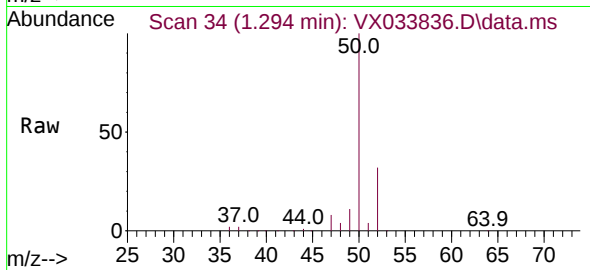
#3
Chloromethane
Concen: 47.040 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 7310
Ion Ratio Lower Upper
50 100
52 31.7 25.2 37.8

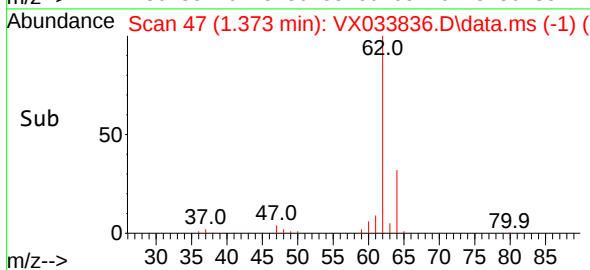
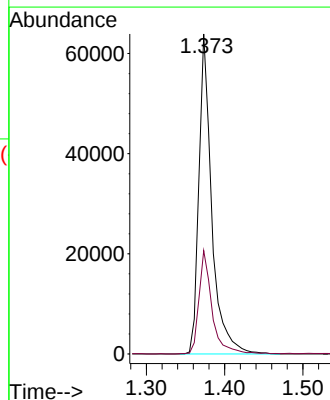
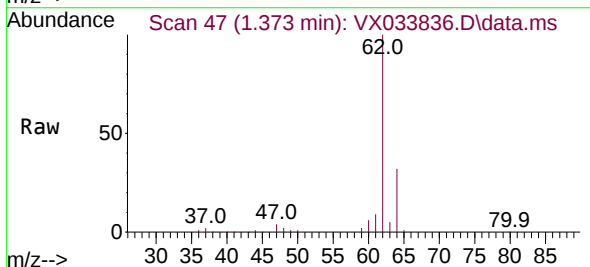
Manual Integrations
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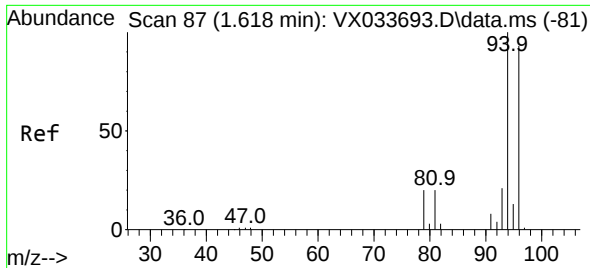
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#4
Vinyl Chloride
Concen: 48.495 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

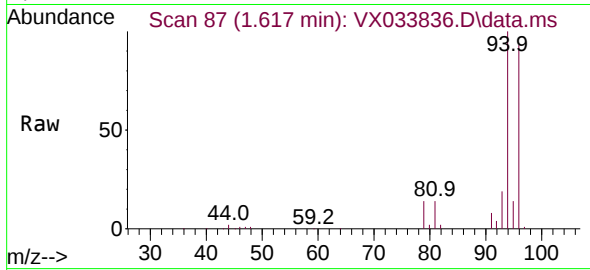
Tgt Ion: 62 Resp: 73143
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.4





#5
Bromomethane
Concen: 56.212 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

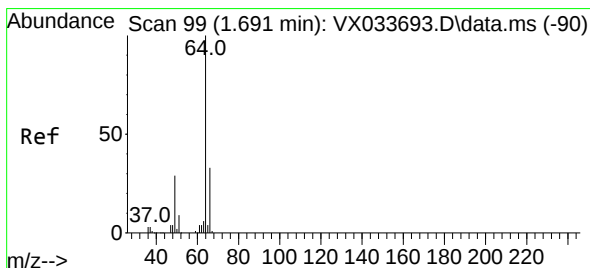
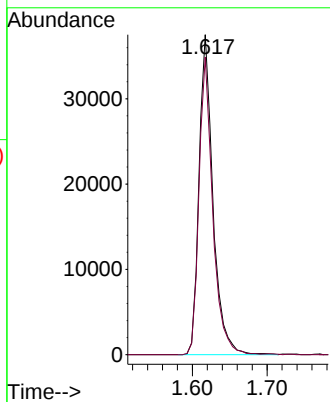
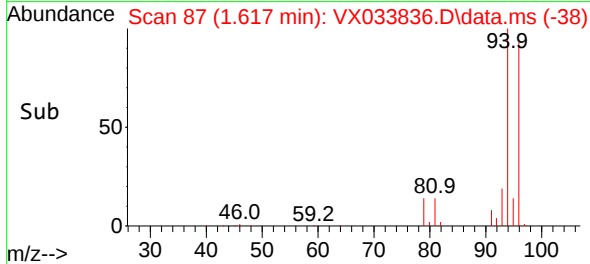
Instrument :
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Tgt Ion: 94 Resp: 4871
Ion Ratio Lower Upper
94 100
96 93.0 74.3 111.5

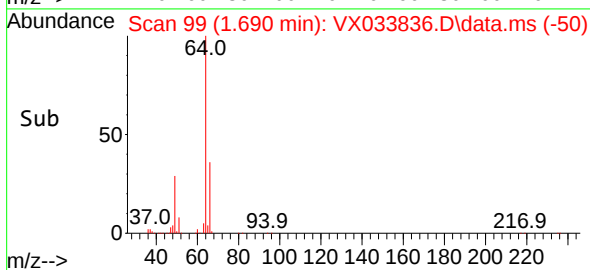
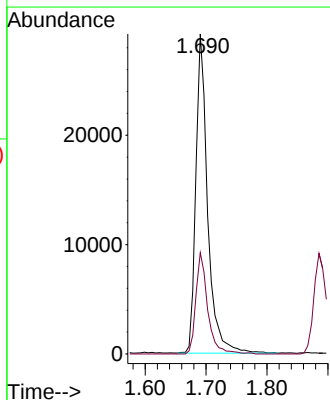
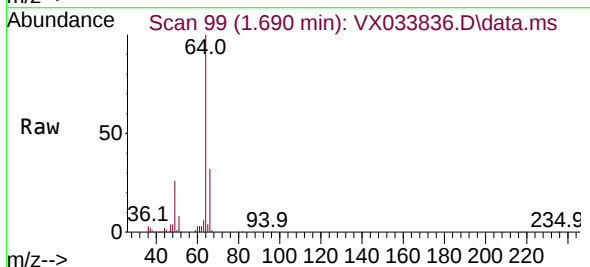
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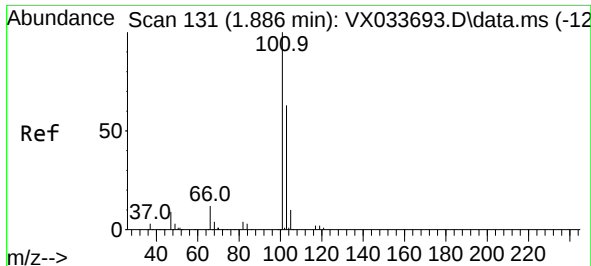
Reviewed By :John Carlone 01/24/2023
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#6
Chloroethane
Concen: 42.128 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
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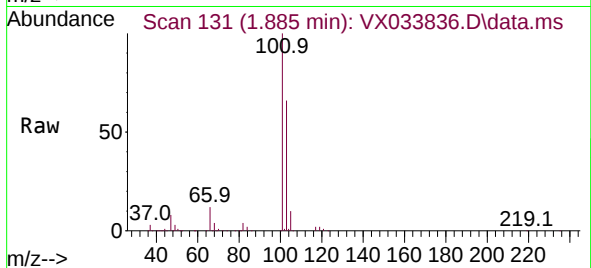
Tgt Ion: 64 Resp: 39282
Ion Ratio Lower Upper
64 100
66 31.7 26.1 39.1





#7
Trichlorofluoromethane
Concen: 45.594 ug/l
RT: 1.885 min Scan# 111519
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

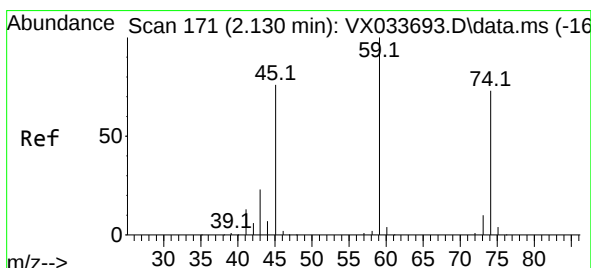
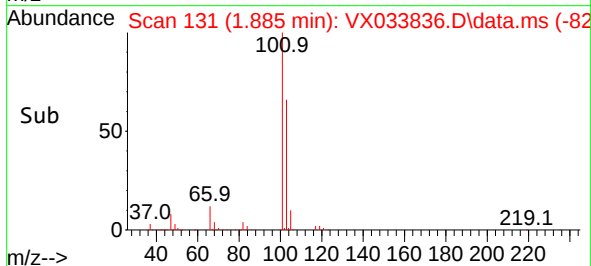
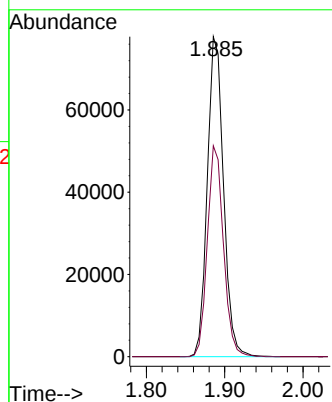
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 111519
Ion Ratio Lower Upper
101 100
103 65.9 50.6 75.8

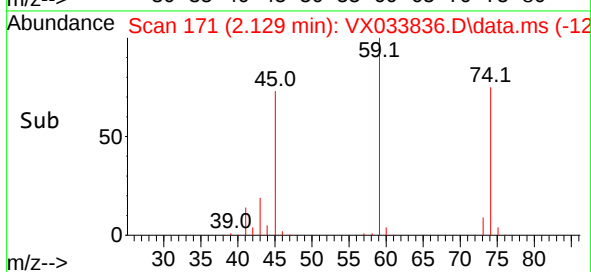
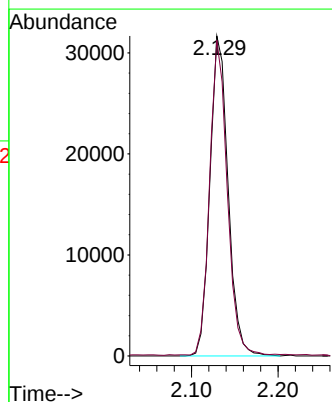
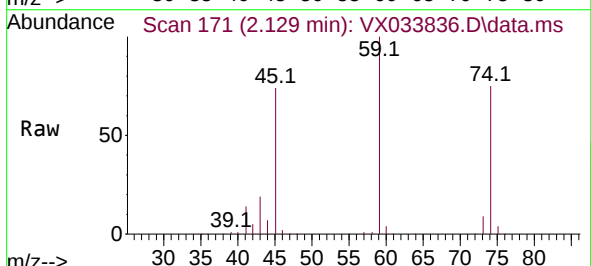
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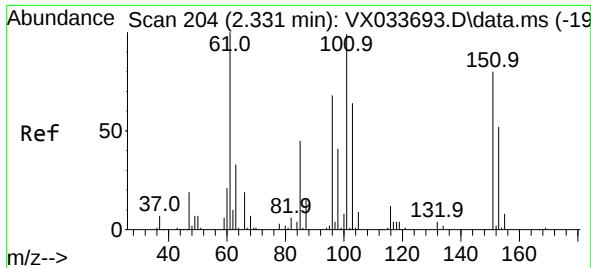
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#8
Diethyl Ether
Concen: 57.590 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Tgt Ion: 74 Resp: 46122
Ion Ratio Lower Upper
74 100
45 95.2 51.5 154.5





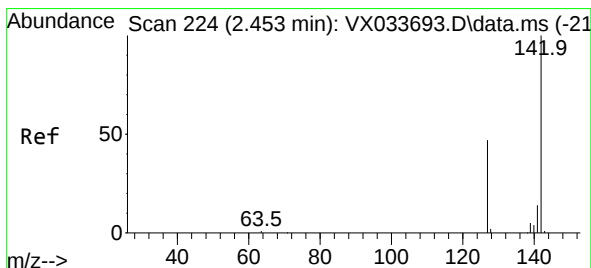
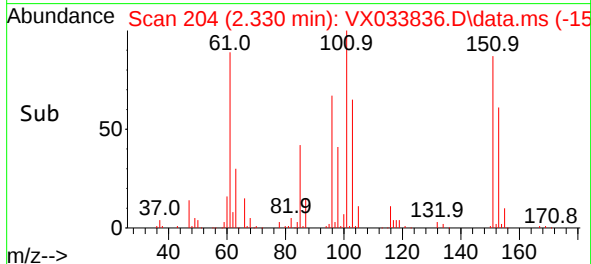
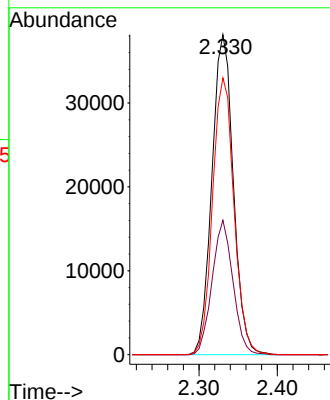
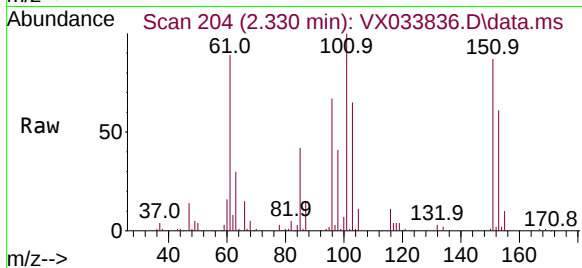
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.415 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.001 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7250
Ion Ratio Lower Upper
101 100
85 40.9 36.7 55.1
151 86.6 66.5 99.7

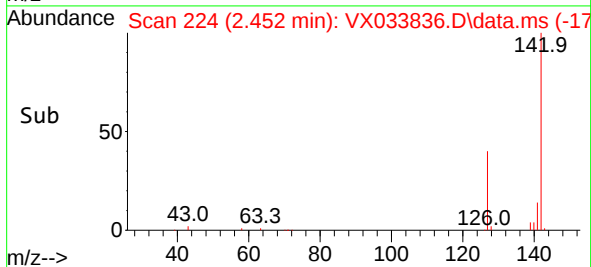
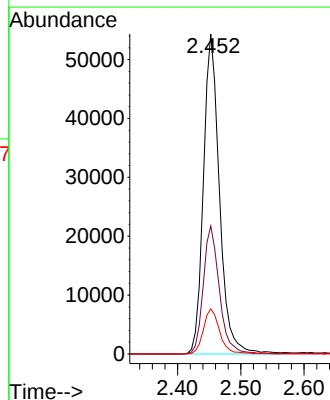
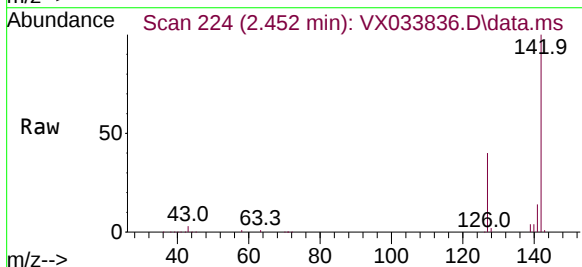
Manual Integrations
APPROVED

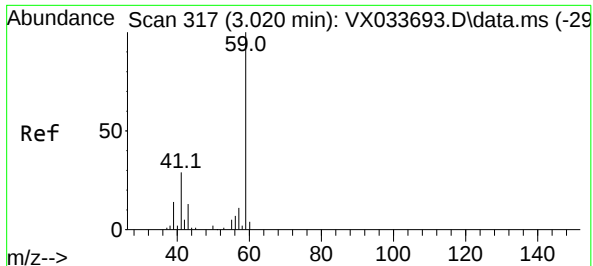
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#10
Methyl Iodide
Concen: 48.575 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

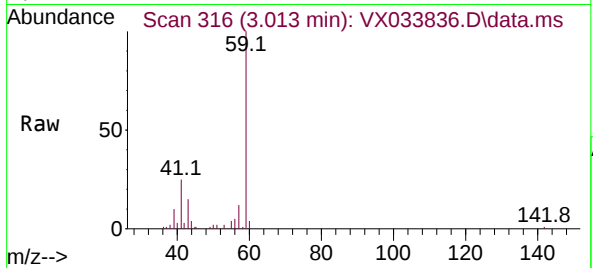
Tgt Ion:142 Resp: 96063
Ion Ratio Lower Upper
142 100
127 40.3 37.3 55.9
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 229.019 ug/l
RT: 3.013 min Scan# 317
Delta R.T. -0.007 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

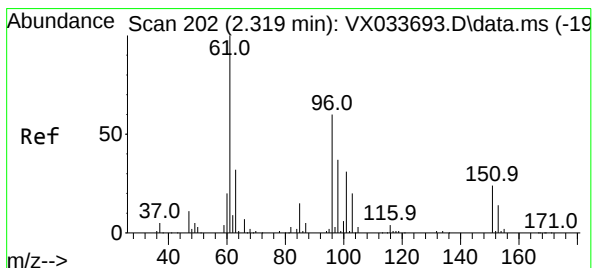
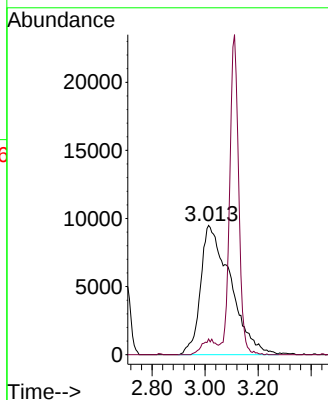
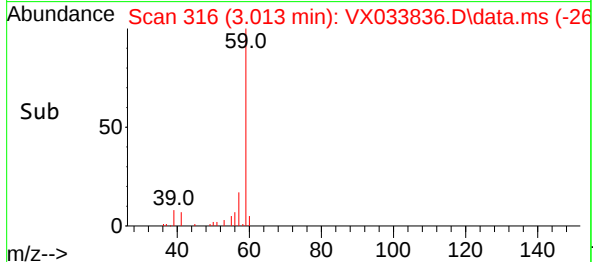
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



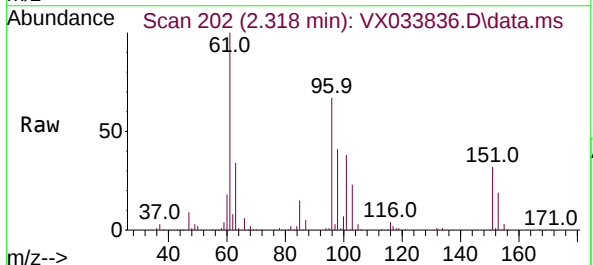
Tgt Ion: 59 Resp: 74582
Ion Ratio Lower Upper
59 100
57 5.6 3.7 5.5

Manual Integrations
APPROVED

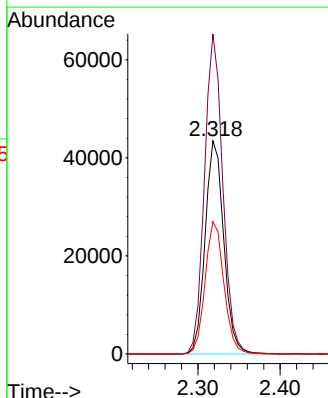
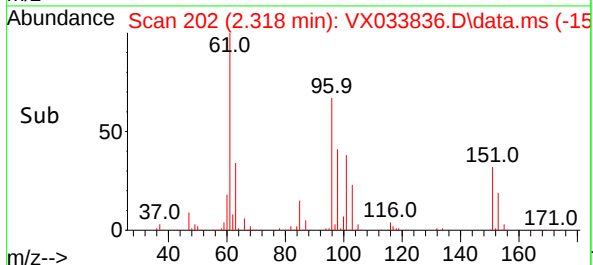
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

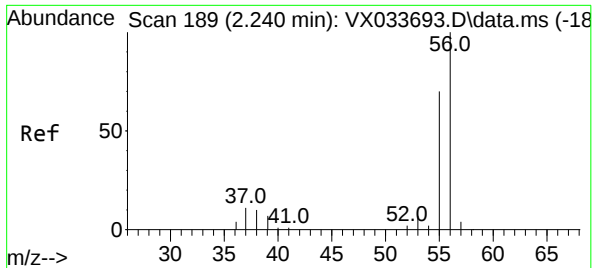


#12
1,1-Dichloroethene
Concen: 47.205 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



Tgt Ion: 96 Resp: 68386
Ion Ratio Lower Upper
96 100
61 150.1 134.2 201.4
98 62.1 50.2 75.2





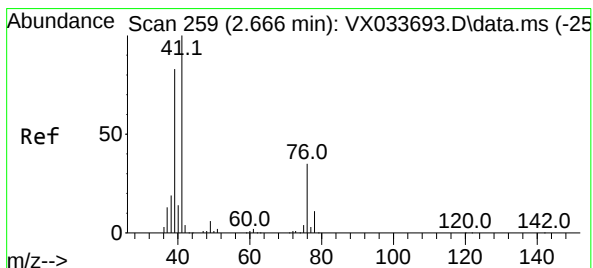
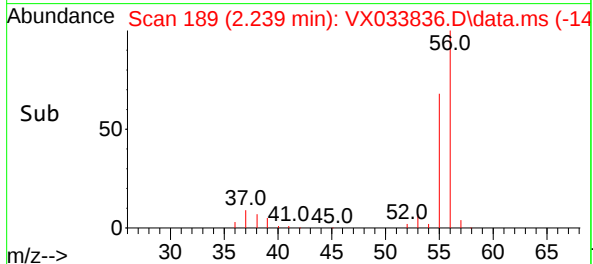
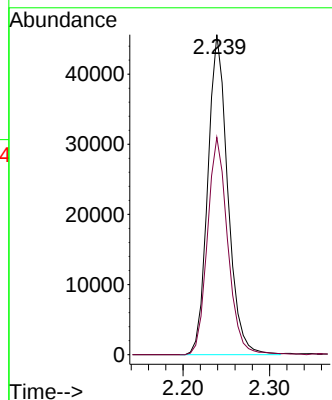
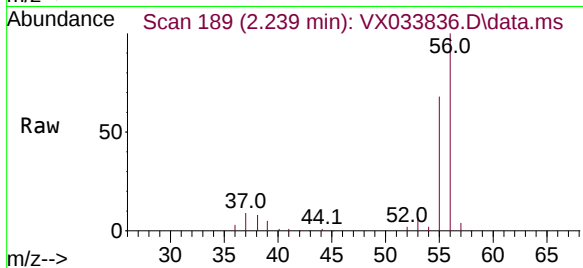
#13
Acrolein
Concen: 243.274 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 73097
Ion Ratio Lower Upper
56 100
55 69.1 56.3 84.5

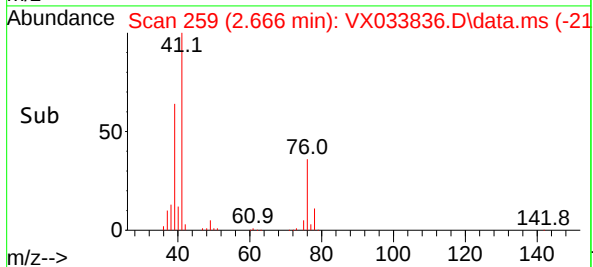
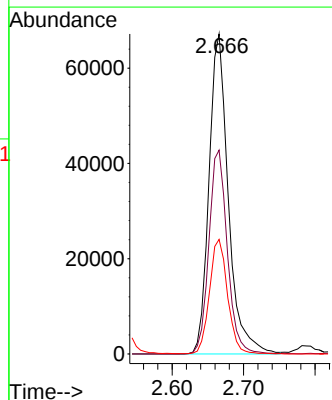
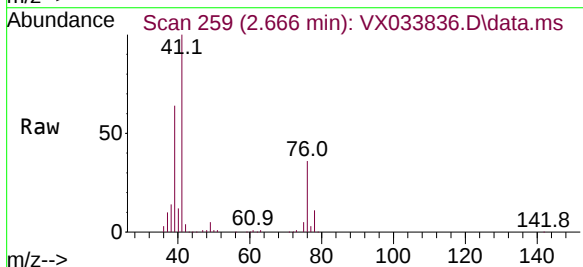
Manual Integrations
APPROVED

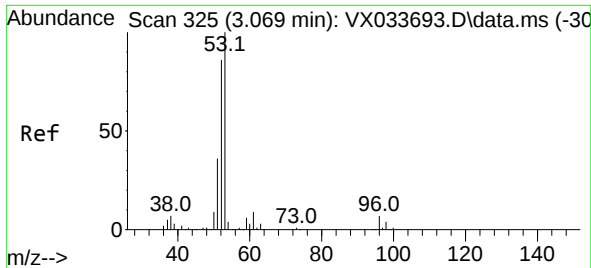
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#14
Allyl chloride
Concen: 46.223 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

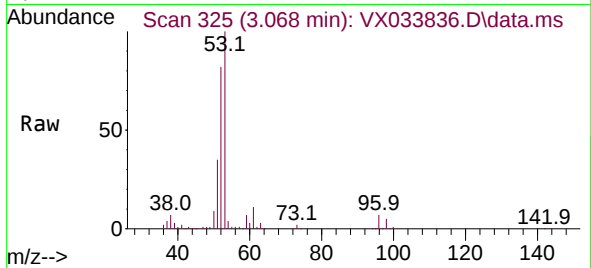
Tgt Ion: 41 Resp: 126300
Ion Ratio Lower Upper
41 100
39 60.8 59.0 88.4
76 33.5 24.6 37.0





#15
Acrylonitrile
Concen: 235.411 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

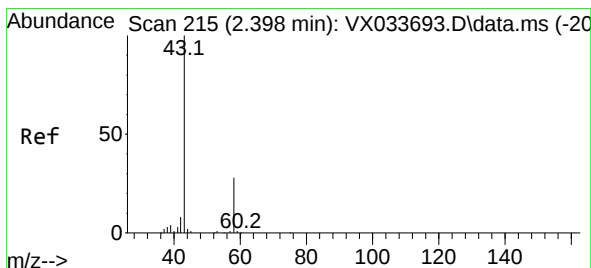
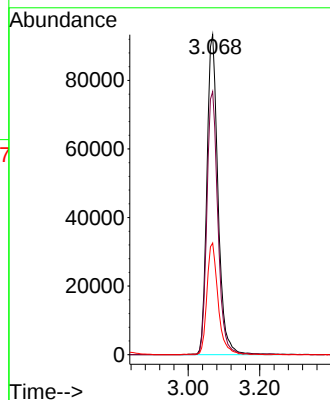
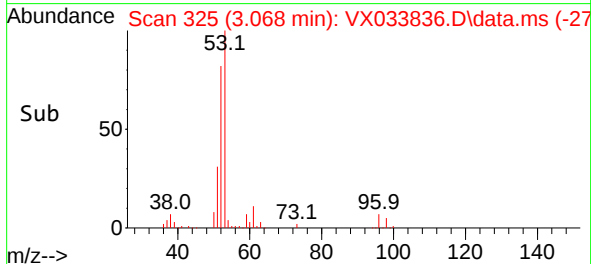
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 201762
Ion Ratio Lower Upper
53 100
52 81.4 65.7 98.5
51 34.5 29.0 43.4

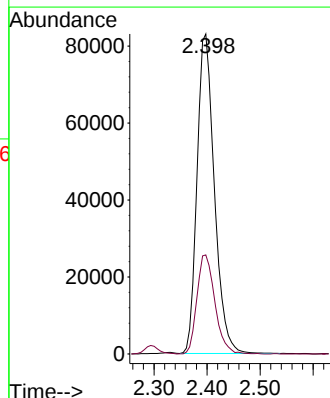
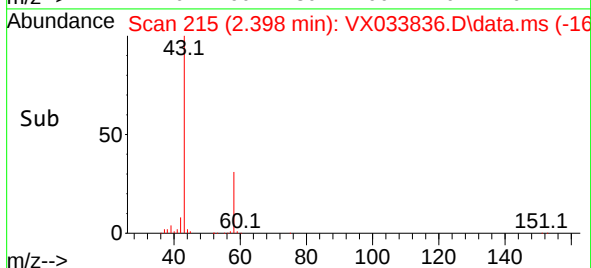
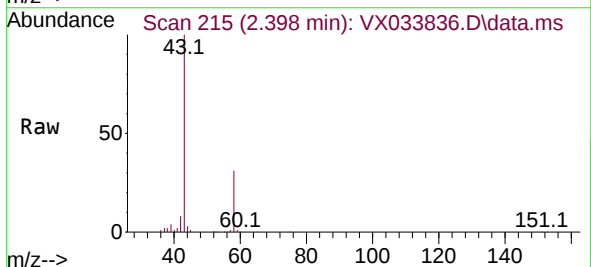
Manual Integrations
APPROVED

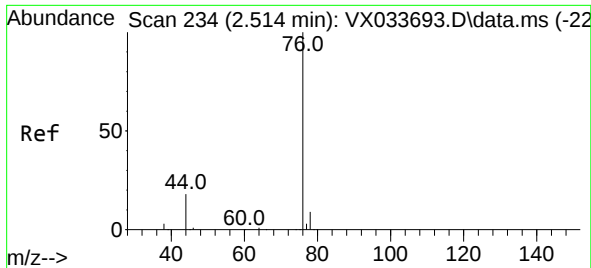
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#16
Acetone
Concen: 278.242 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

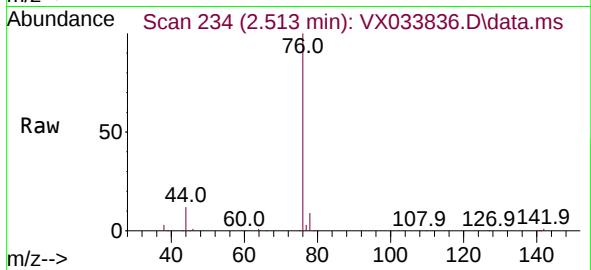
Tgt Ion: 43 Resp: 188605
Ion Ratio Lower Upper
43 100
58 31.0 22.6 33.8





#17
Carbon Disulfide
Concen: 48.593 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

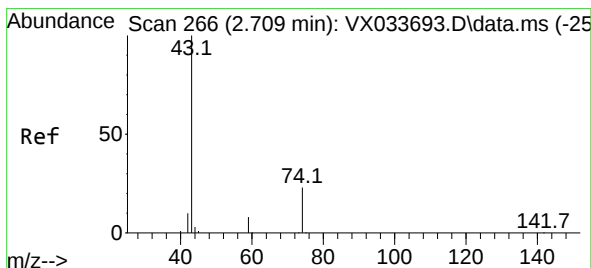
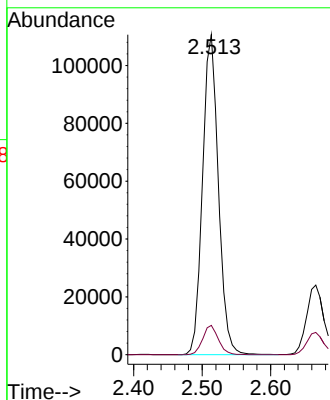
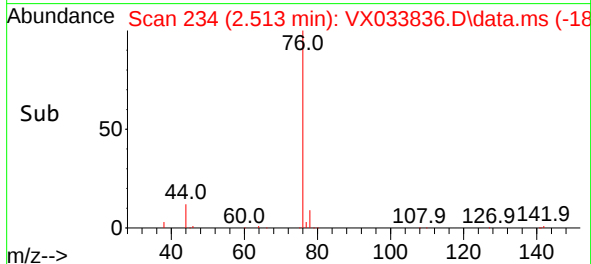
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



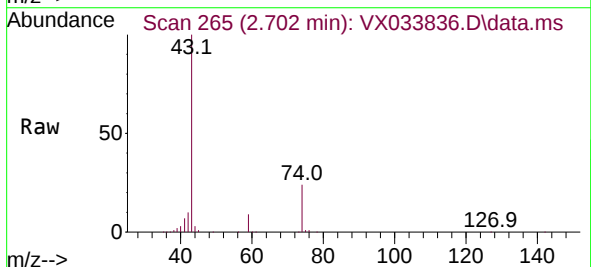
Tgt Ion: 76 Resp: 177963
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

Manual Integrations
APPROVED

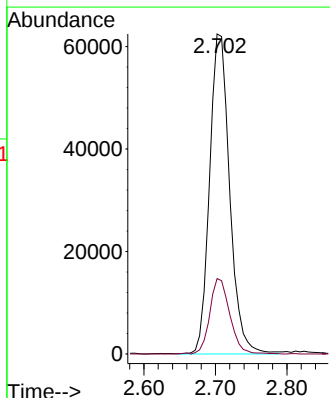
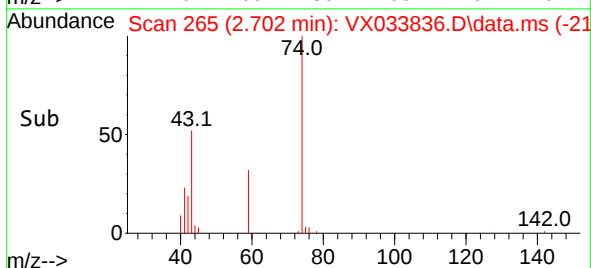
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

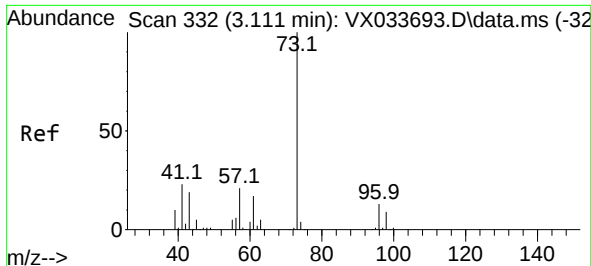


#18
Methyl Acetate
Concen: 46.612 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.007 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



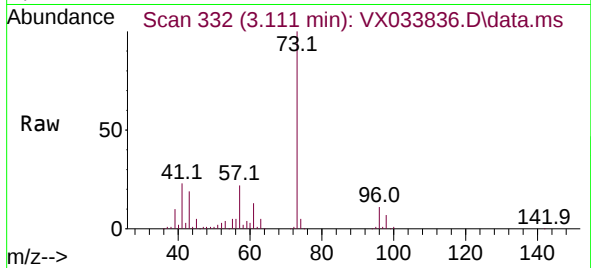
Tgt Ion: 43 Resp: 121948
Ion Ratio Lower Upper
43 100
74 23.5 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 48.397 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

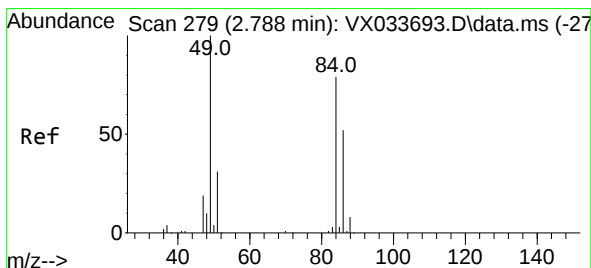
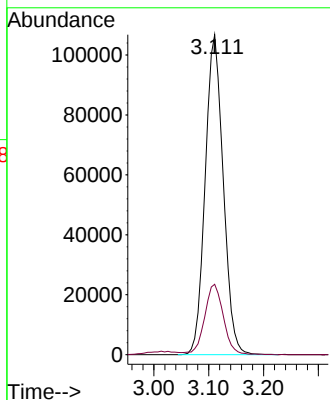
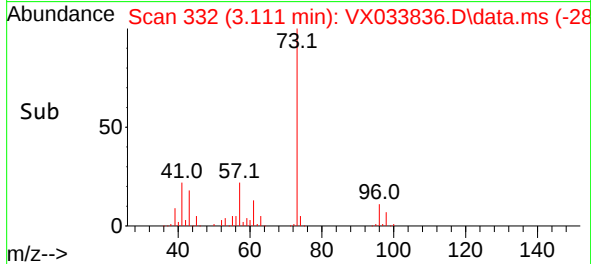
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 24351
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0

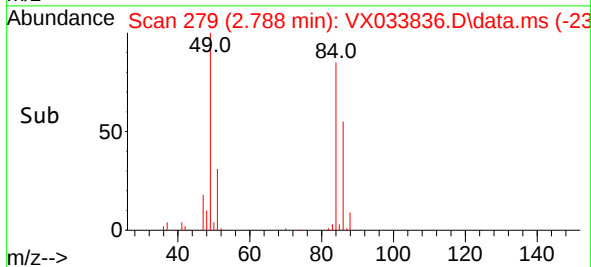
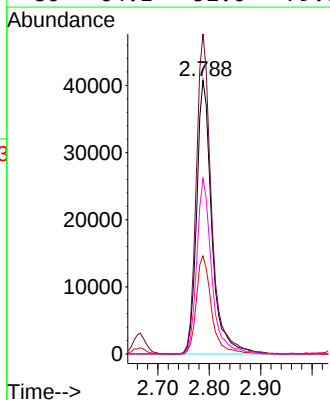
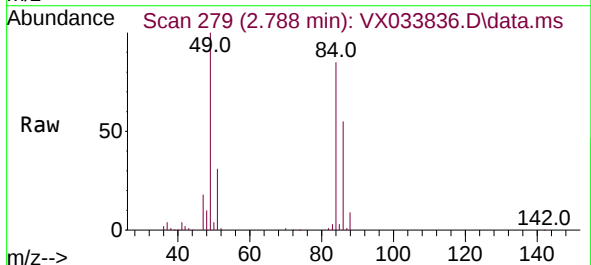
Manual Integrations
APPROVED

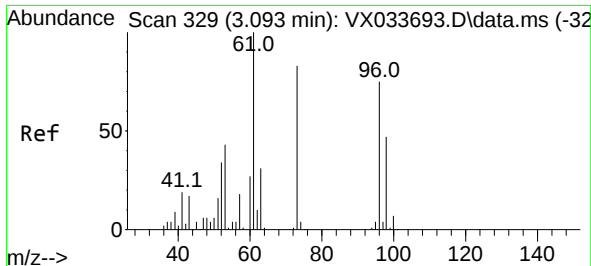
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#20
Methylene Chloride
Concen: 51.041 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

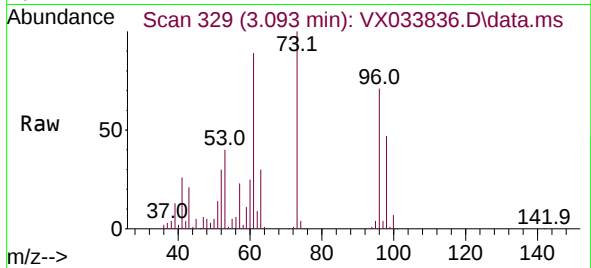
Tgt Ion: 84 Resp: 83111
Ion Ratio Lower Upper
84 100
49 117.0 101.1 151.7
51 35.8 31.0 46.6
86 64.1 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 43.743 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

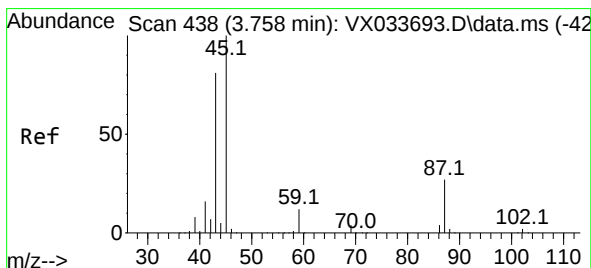
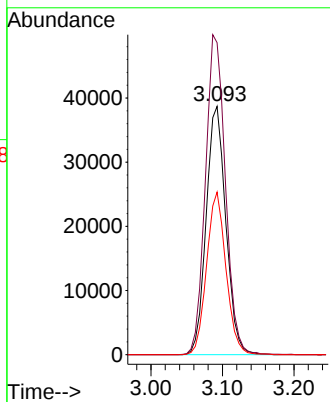
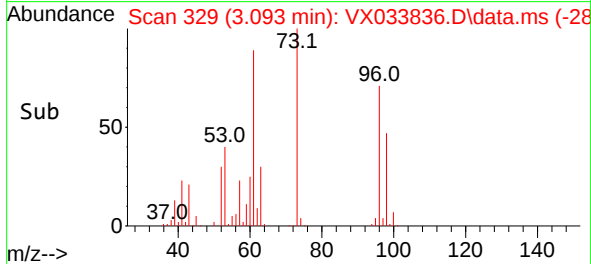
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



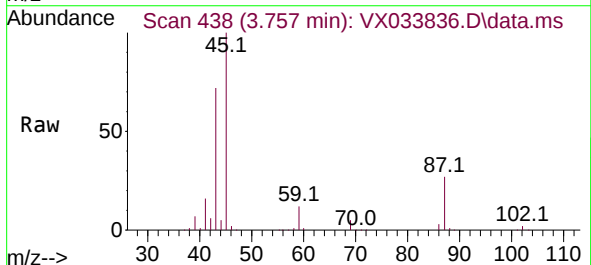
Tgt Ion: 96 Resp: 7408
Ion Ratio Lower Upper
96 100
61 125.6 106.7 160.1
98 65.4 50.0 75.0

Manual Integrations
APPROVED

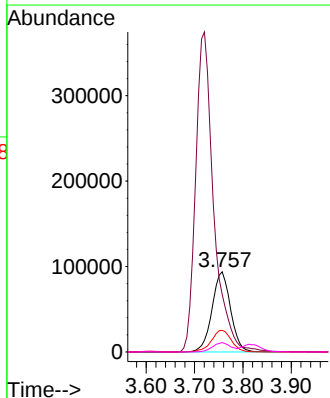
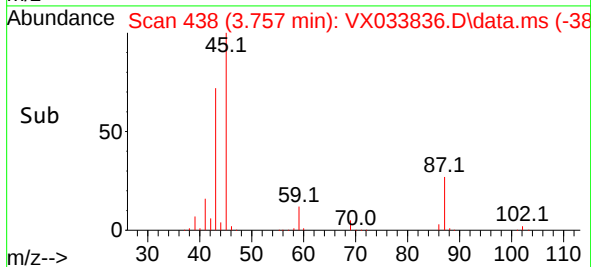
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

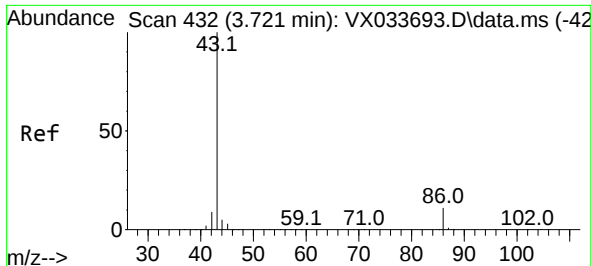


#22
Diisopropyl ether
Concen: 45.536 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



Tgt Ion: 45 Resp: 250338
Ion Ratio Lower Upper
45 100
43 71.8 64.6 97.0
87 27.0 21.9 32.9
59 11.9 9.2 13.8





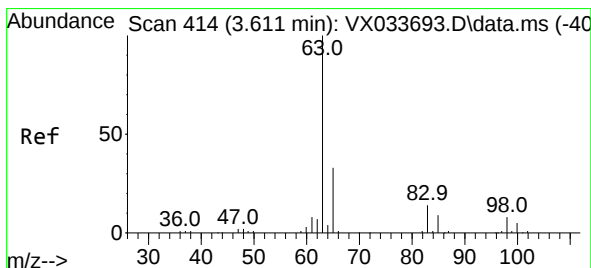
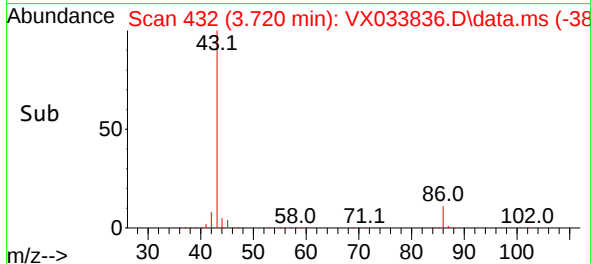
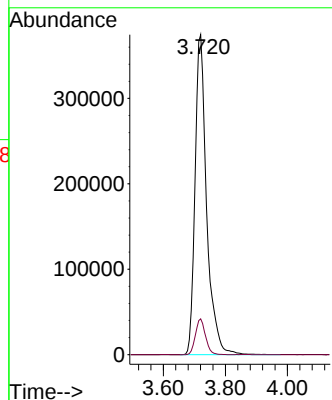
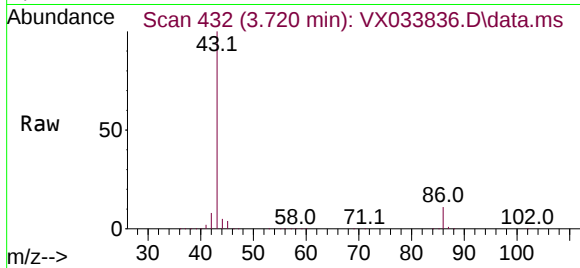
#23
 Vinyl Acetate
 Concen: 234.614 ug/l
 RT: 3.720 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX033836.D
 Acq: 23 Jan 2023 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 97096
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.4 12.6

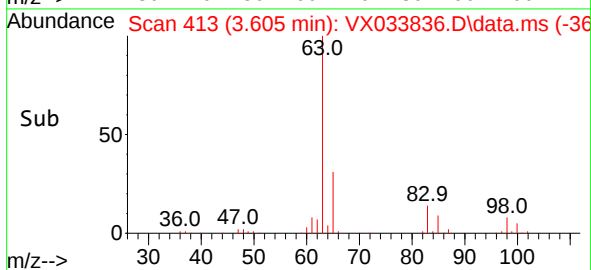
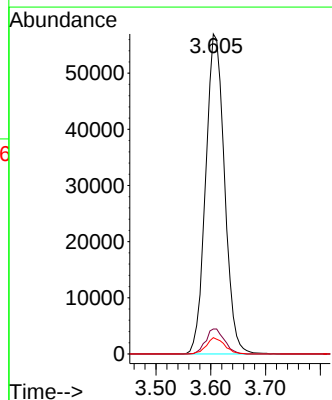
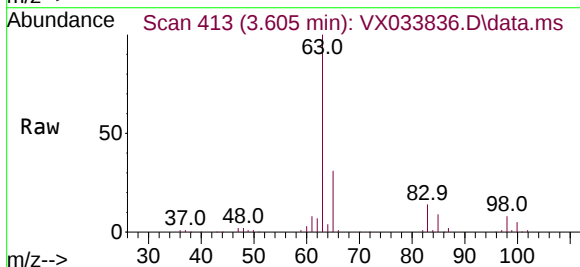
Manual Integrations
 APPROVED

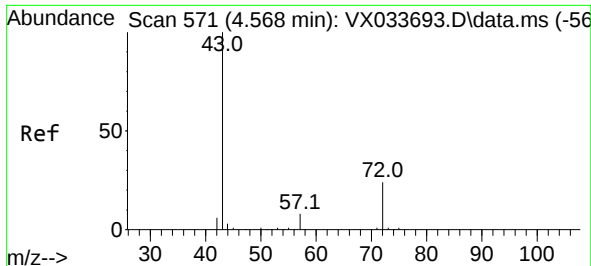
Reviewed By :John Carlone 01/24/2023
 Supervised By :Mahesh Dadoda 01/27/2023



#24
 1,1-Dichloroethane
 Concen: 45.168 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.007 min
 Lab File: VX033836.D
 Acq: 23 Jan 2023 10:04

Tgt Ion: 63 Resp: 135855
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 5.1 2.4 7.2





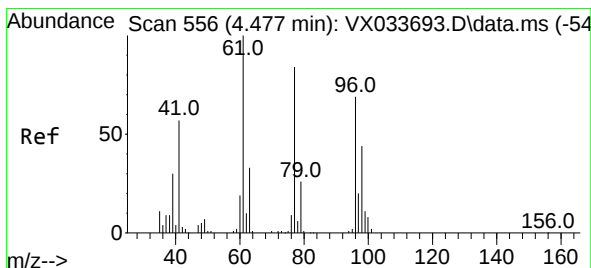
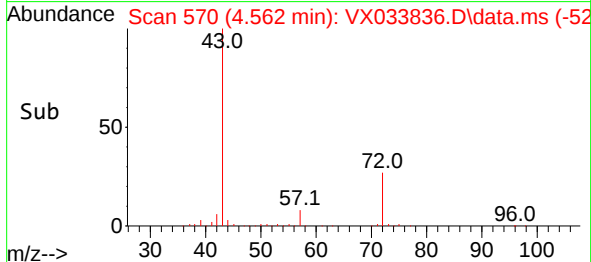
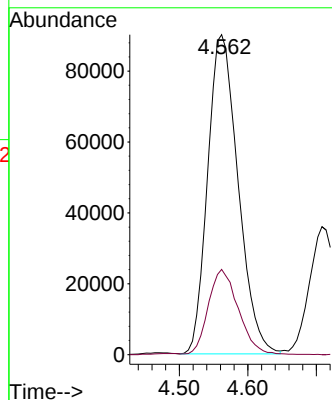
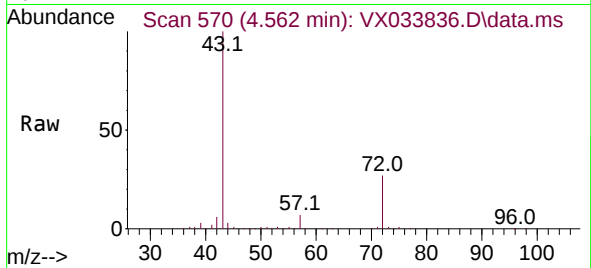
#25
2-Butanone
Concen: 226.775 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.007 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 277760
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2

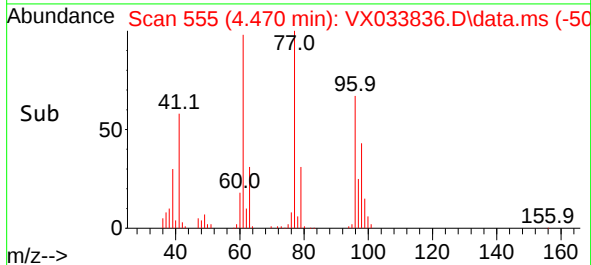
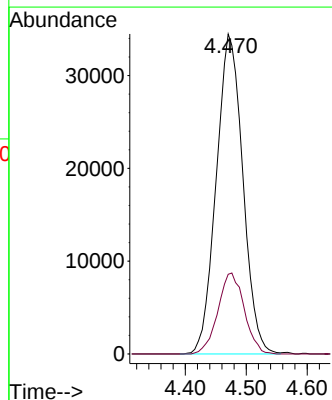
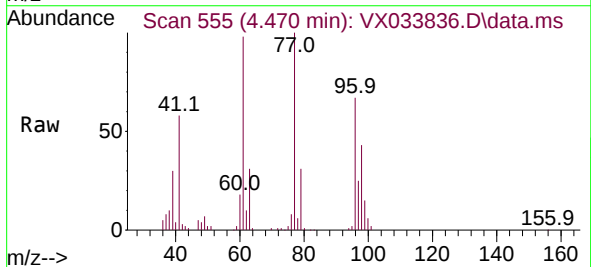
Manual Integrations
APPROVED

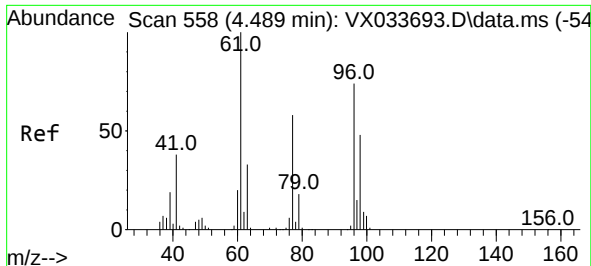
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#26
2,2-Dichloropropane
Concen: 48.508 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.007 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Tgt Ion: 77 Resp: 104510
Ion Ratio Lower Upper
77 100
97 25.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 45.470 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8853

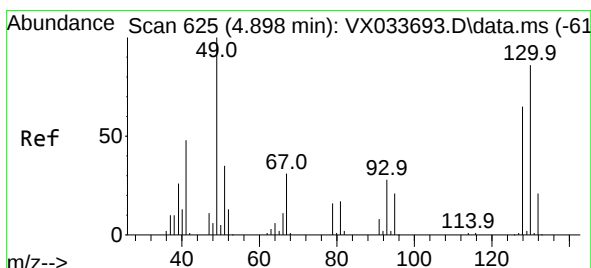
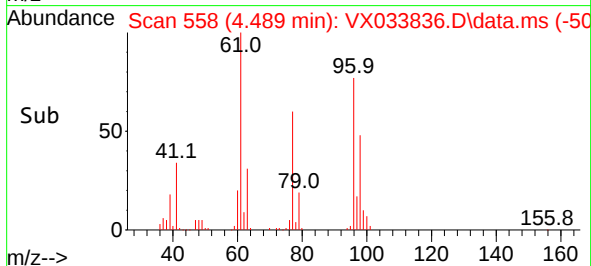
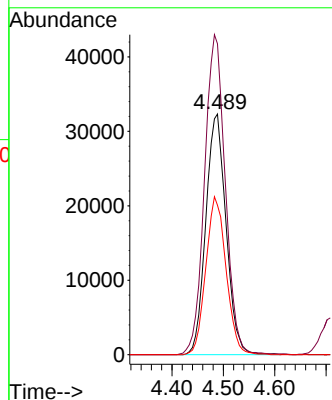
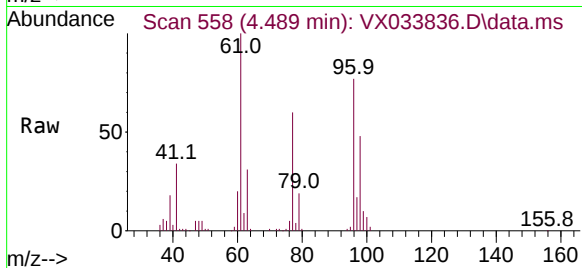
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	277.6
98	65.6	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#28

Bromochloromethane

Concen: 46.105 ug/l

RT: 4.897 min Scan# 625

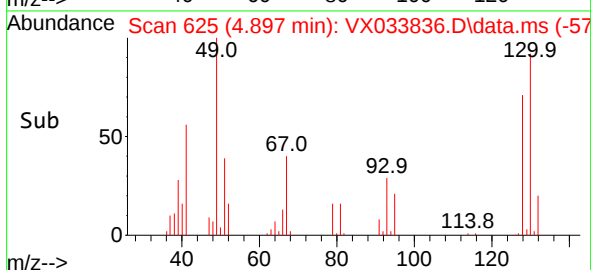
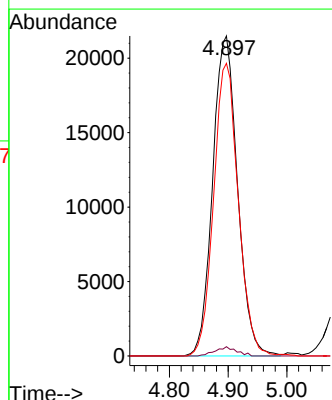
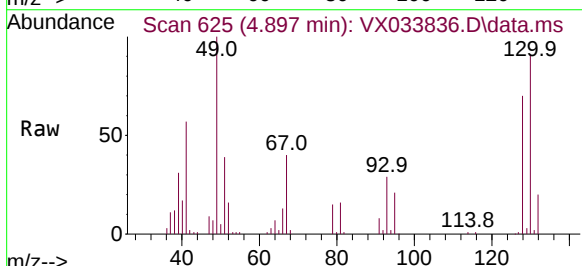
Delta R.T. -0.000 min

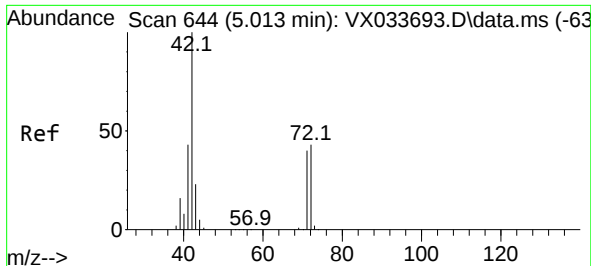
Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Tgt Ion: 49 Resp: 63167

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	90.5	68.5	102.7





#29

Tetrahydrofuran

Concen: 225.348 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.007 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 17396

Ion Ratio Lower Upper

42 100

72 45.1 34.8 52.2

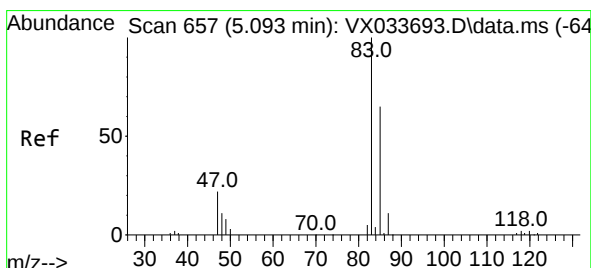
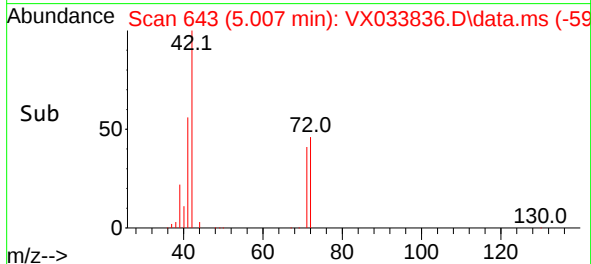
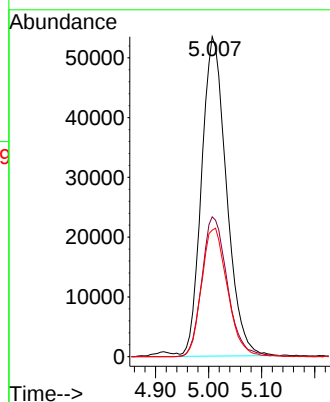
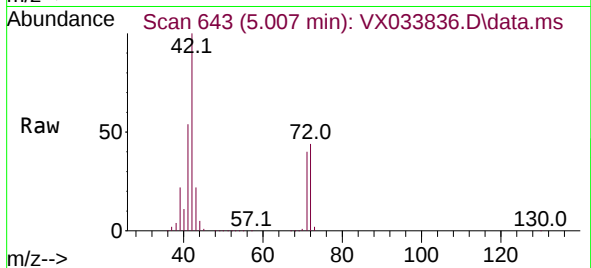
71 41.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#30

Chloroform

Concen: 44.764 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX033836.D

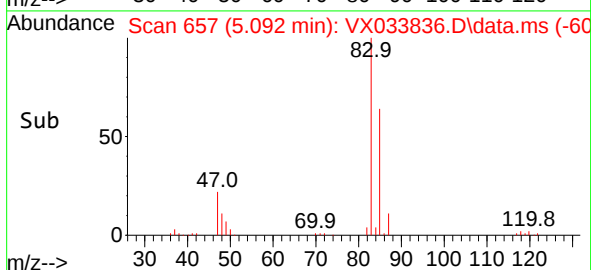
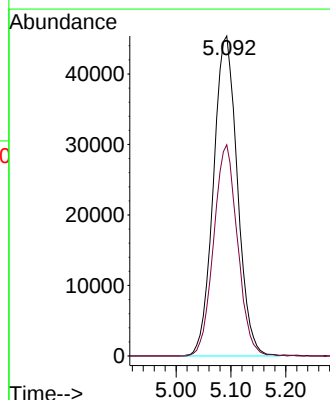
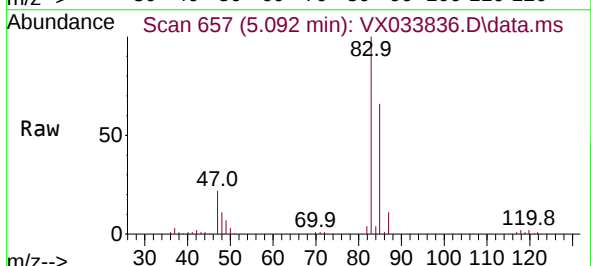
Acq: 23 Jan 2023 10:04

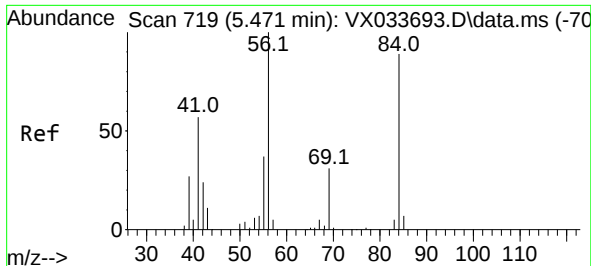
Tgt Ion: 83 Resp: 137900

Ion Ratio Lower Upper

83 100

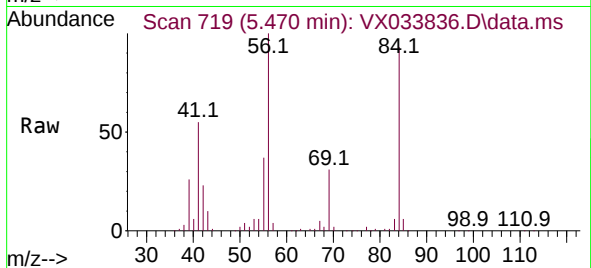
85 66.0 52.1 78.1





#31
Cyclohexane
Concen: 43.296 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

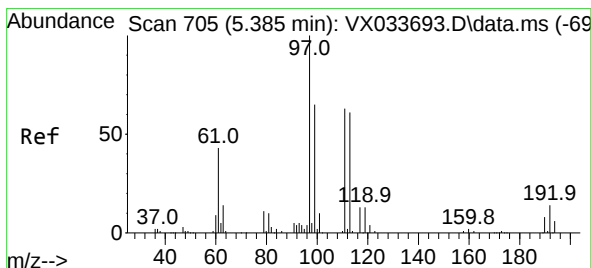
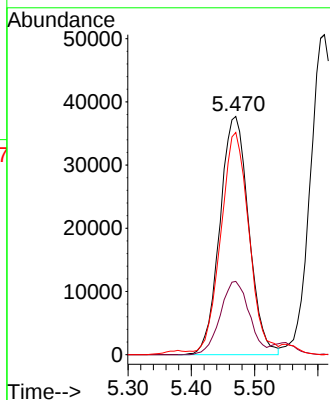
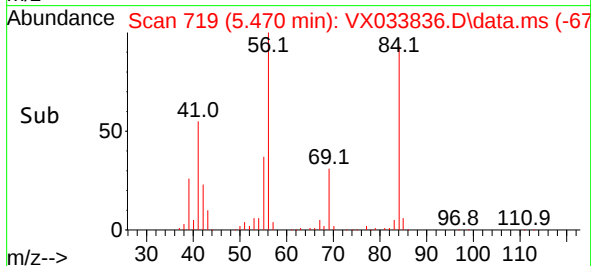
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



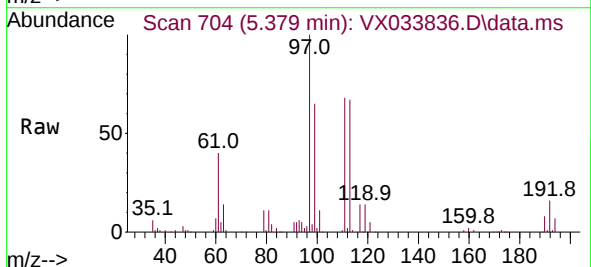
Tgt Ion: 56 Resp: 11943
Ion Ratio Lower Upper
56 100
69 30.7 24.6 37.0
84 91.5 71.0 106.6

Manual Integrations
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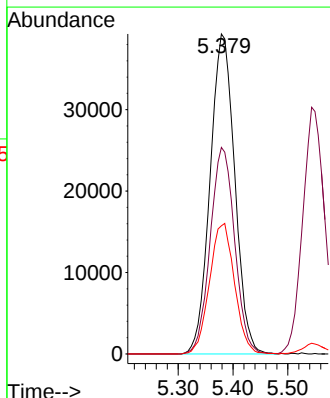
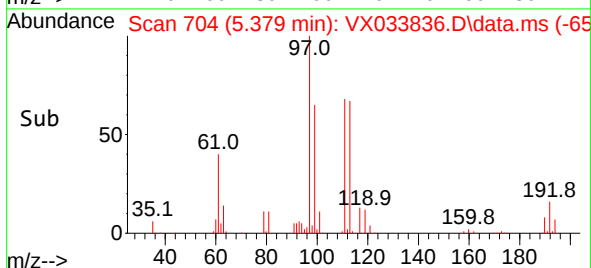
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

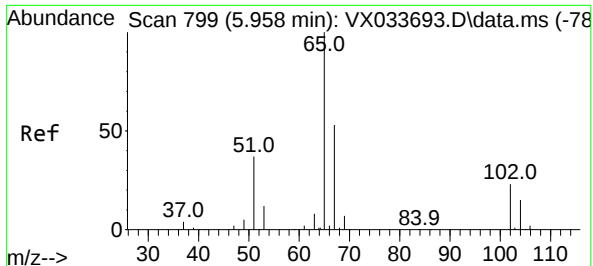


#32
1,1,1-Trichloroethane
Concen: 46.670 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.007 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



Tgt Ion: 97 Resp: 122753
Ion Ratio Lower Upper
97 100
99 64.1 52.3 78.5
61 41.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.559 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.007 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8540

Ion Ratio Lower Upper

65 100

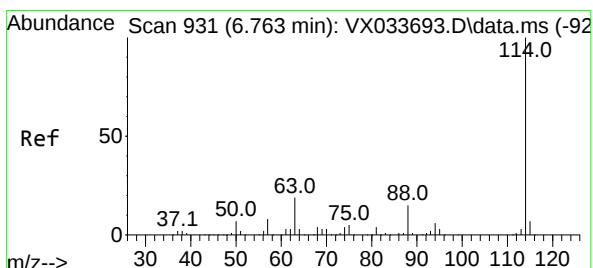
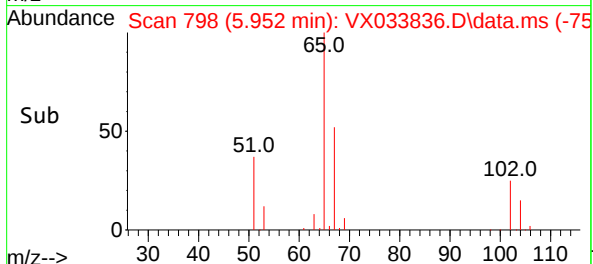
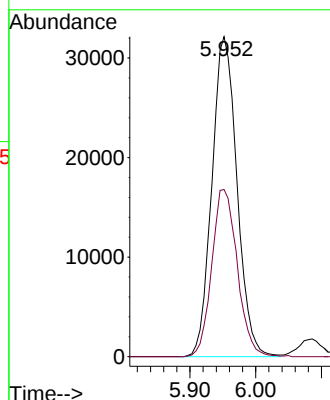
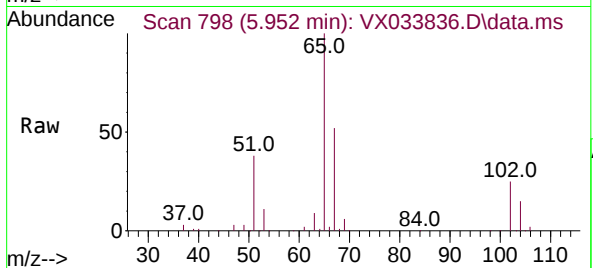
67 53.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

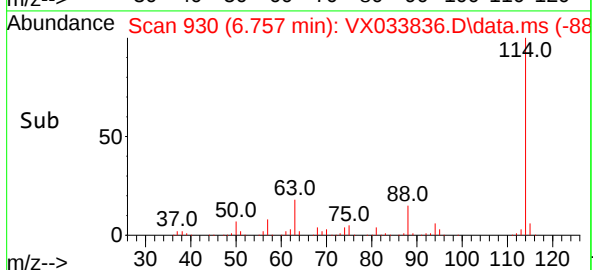
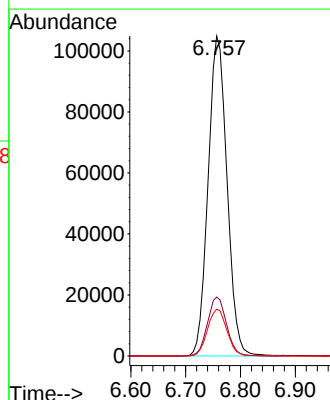
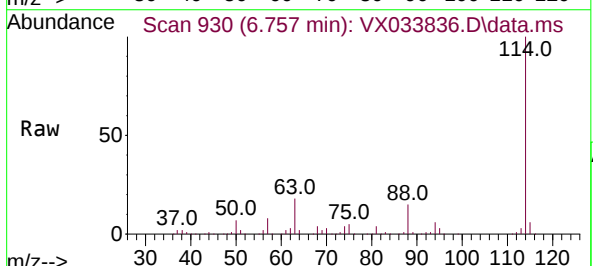
Tgt Ion:114 Resp: 251257

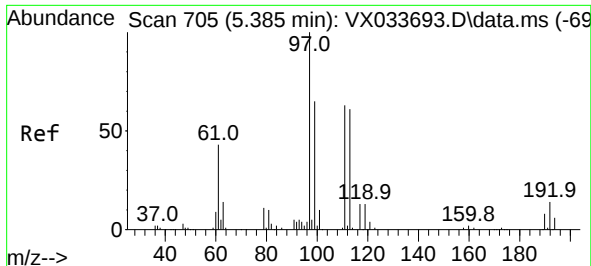
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.068 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.007 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 7811

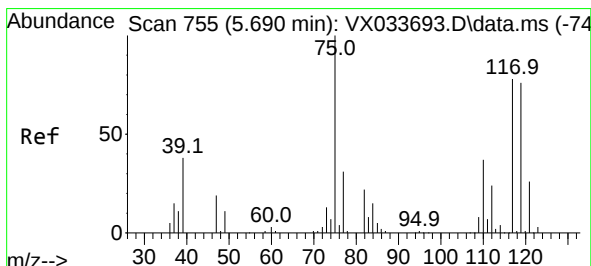
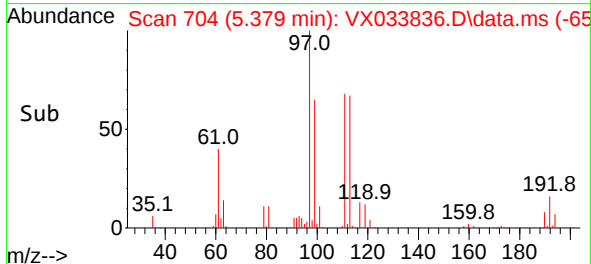
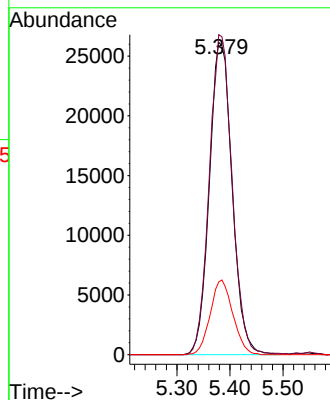
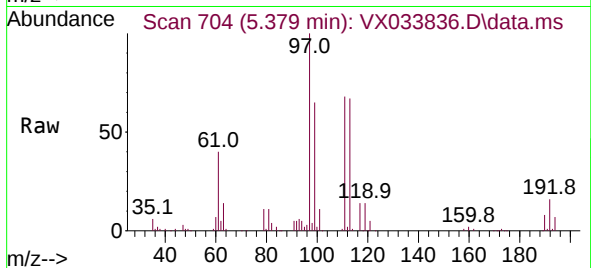
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.6
192	23.8	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#36

1,1-Dichloropropene

Concen: 44.693 ug/l

RT: 5.690 min Scan# 755

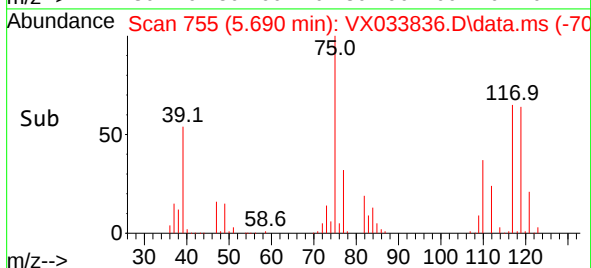
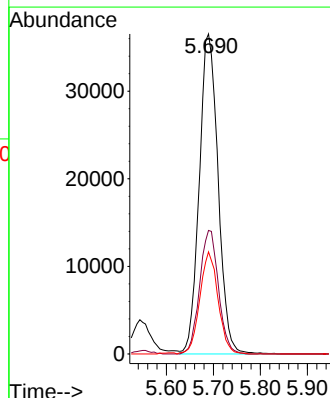
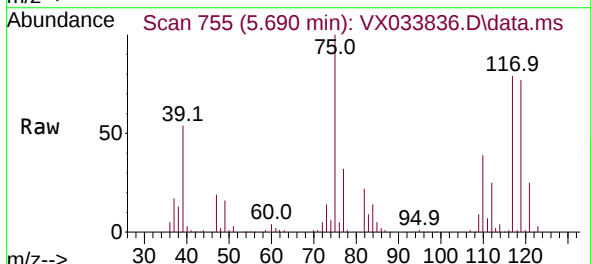
Delta R.T. -0.000 min

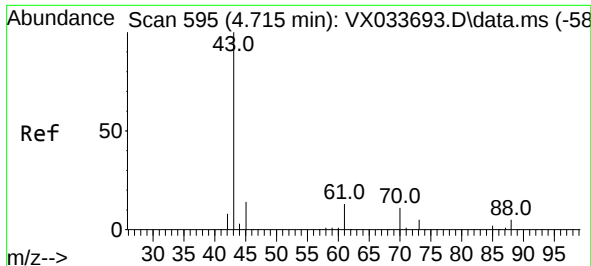
Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Tgt Ion: 75 Resp: 101767

Ion	Ratio	Lower	Upper
75	100		
110	38.6	18.8	56.4
77	30.9	25.1	37.7





#37

Ethyl Acetate

Concen: 49.595 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 10780

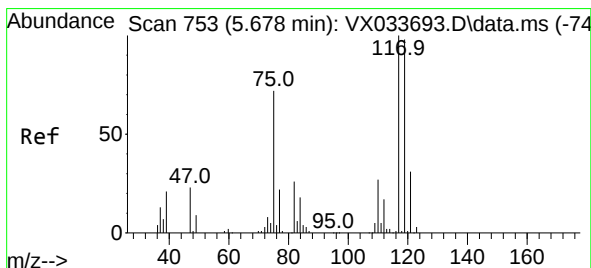
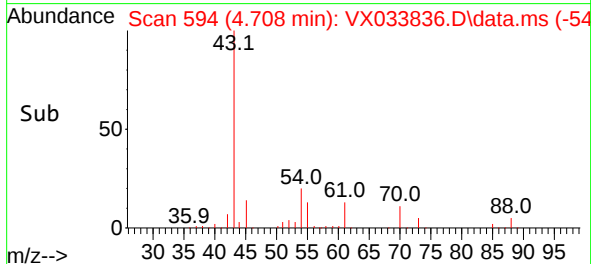
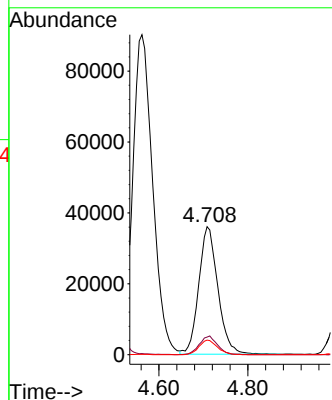
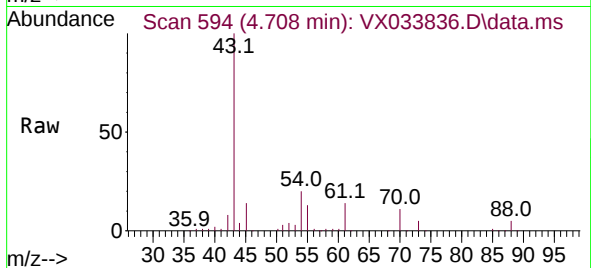
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	10.9	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#38

Carbon Tetrachloride

Concen: 48.711 ug/l

RT: 5.671 min Scan# 752

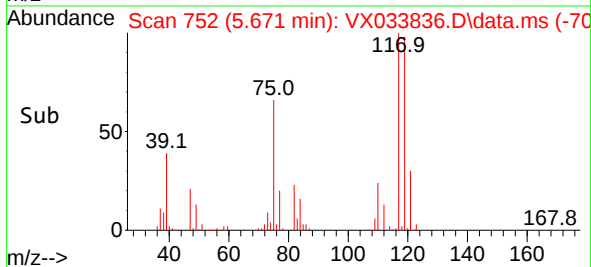
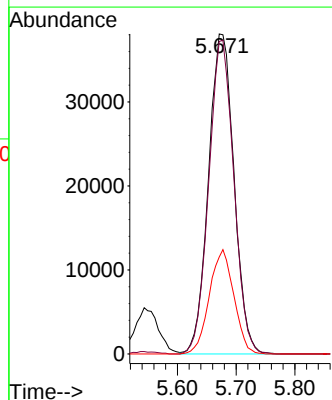
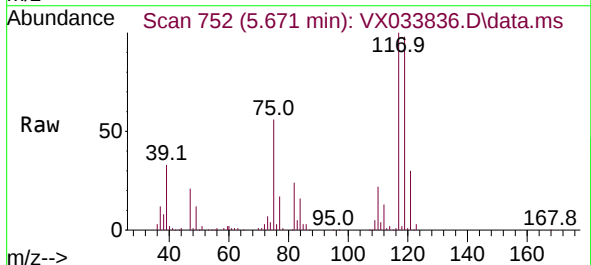
Delta R.T. -0.007 min

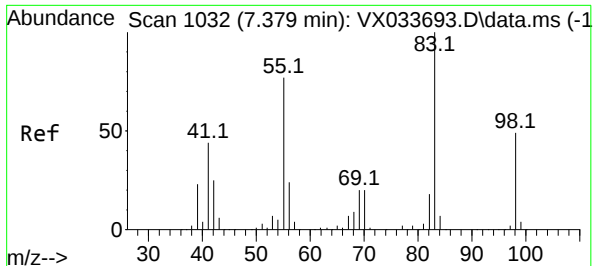
Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Tgt Ion:117 Resp: 114877

Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.0	117.0
121	30.3	24.4	36.6





#39

Methylcyclohexane

Concen: 45.918 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 12911

Ion Ratio Lower Upper

83 100

55 72.1 61.8 92.6

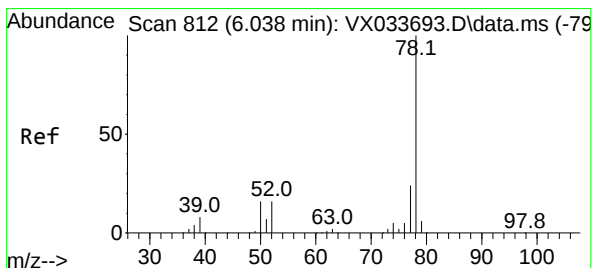
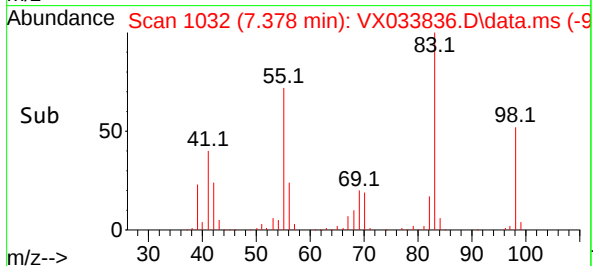
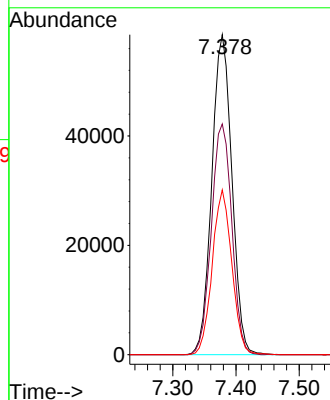
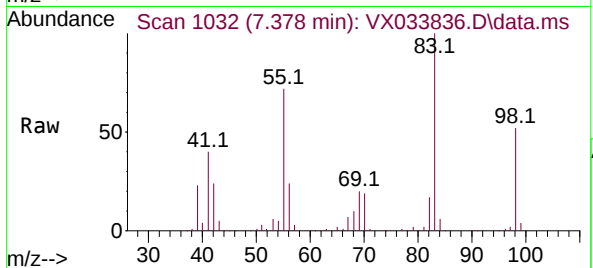
98 51.5 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#40

Benzene

Concen: 45.677 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX033836.D

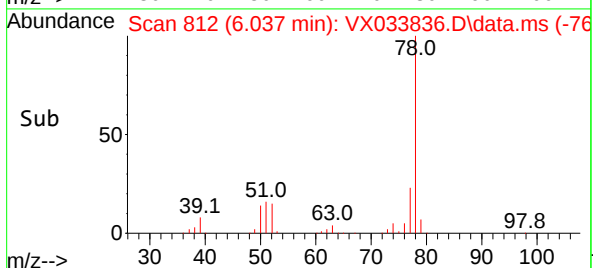
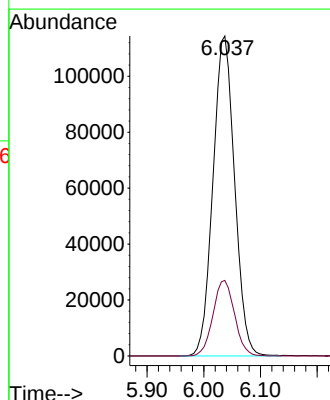
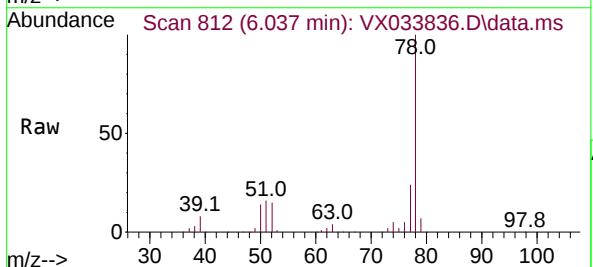
Acq: 23 Jan 2023 10:04

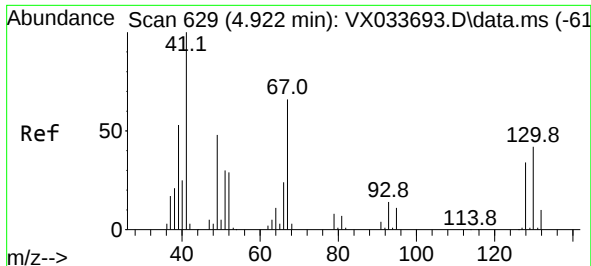
Tgt Ion: 78 Resp: 303154

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4





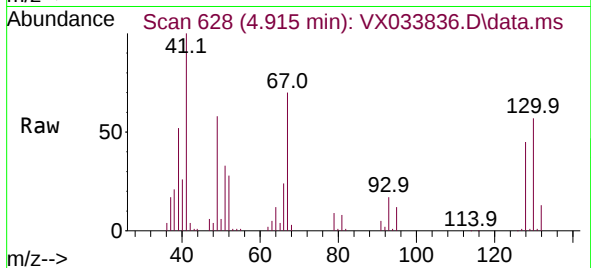
#41
Methacrylonitrile
Concen: 49.511 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



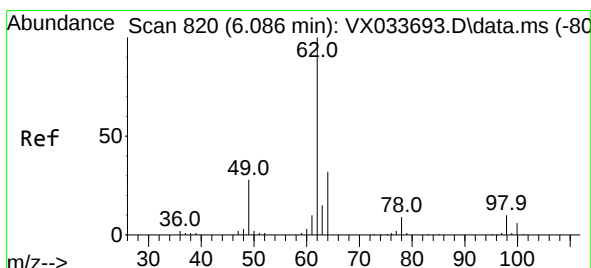
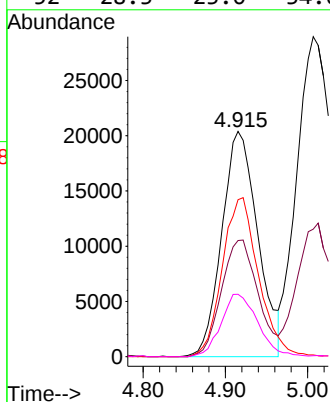
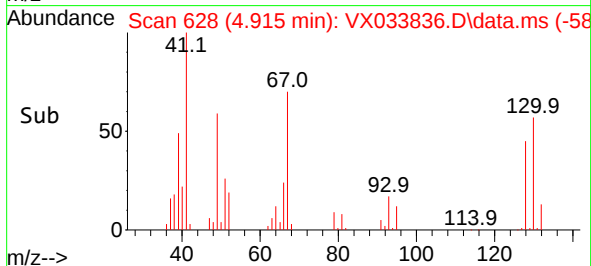
Tgt Ion: 41 Resp: 6212
Ion Ratio Lower Upper
41 100
39 52.7 43.8 65.6
67 71.0 54.8 82.2
52 28.3 23.0 34.6

Manual Integrations

APPROVED

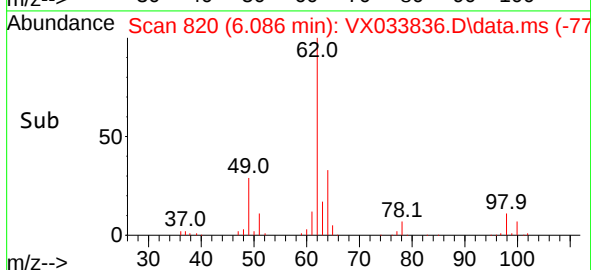
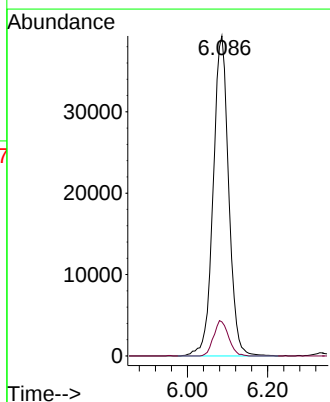
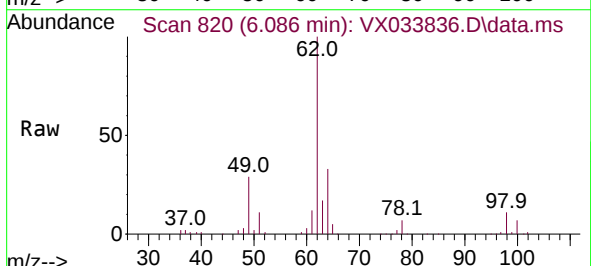
Reviewed By :John Carlone 01/24/2023

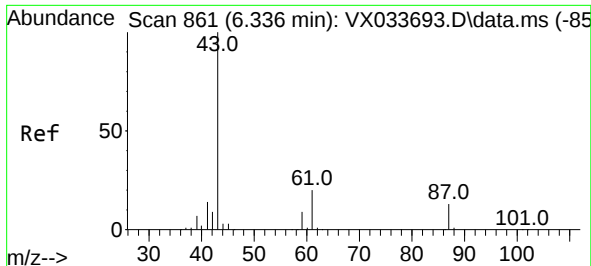
Supervised By :Mahesh Dadoda 01/27/2023



#42
1,2-Dichloroethane
Concen: 44.913 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

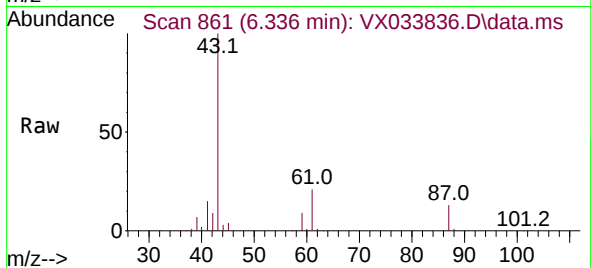
Tgt Ion: 62 Resp: 105636
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2





#43
Isopropyl Acetate
Concen: 48.147 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

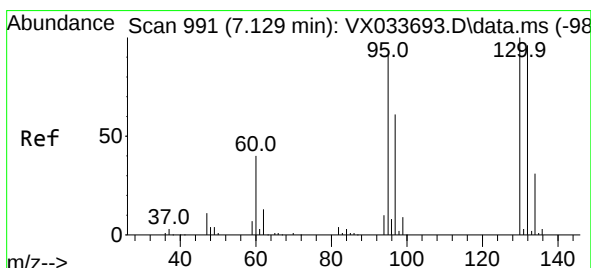
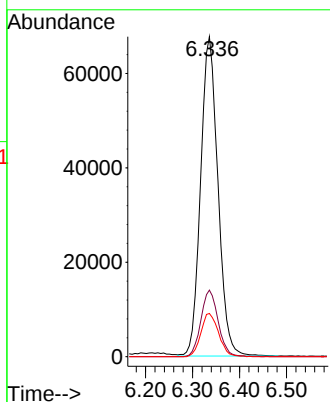
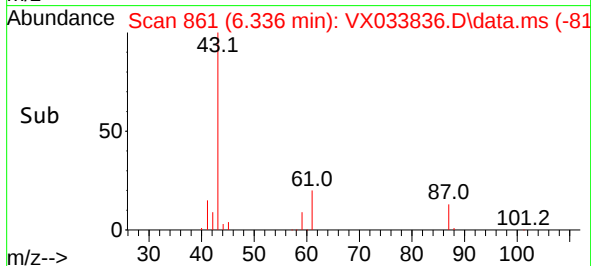
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



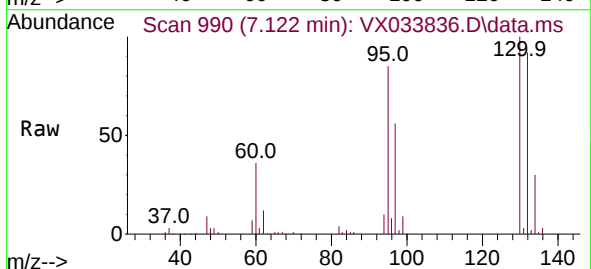
Tgt Ion: 43 Resp: 17307
Ion Ratio Lower Upper
43 100
61 20.8 15.7 23.5
87 13.8 10.6 15.8

Manual Integrations
APPROVED

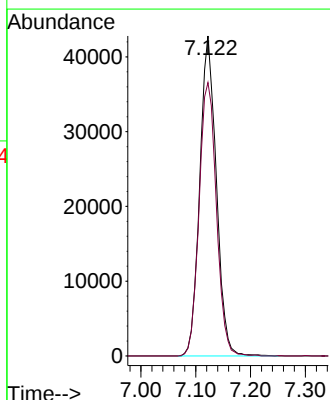
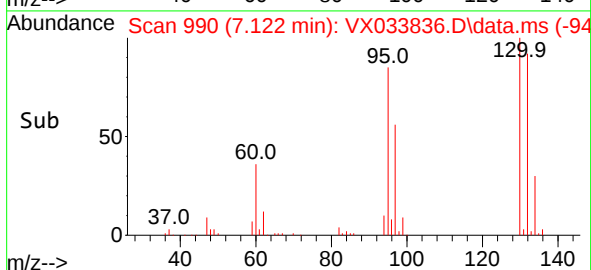
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

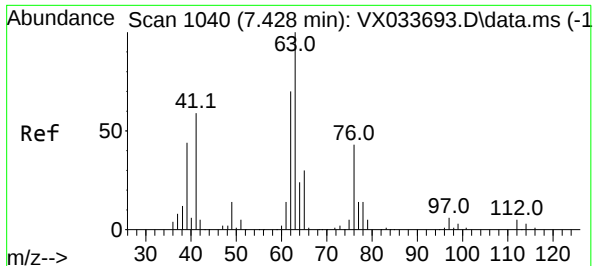


#44
Trichloroethene
Concen: 48.383 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.007 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



Tgt Ion:130 Resp: 89795
Ion Ratio Lower Upper
130 100
95 85.5 0.0 182.6





#45

1,2-Dichloropropane

Concen: 48.053 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7989

Ion Ratio Lower Upper

63 100

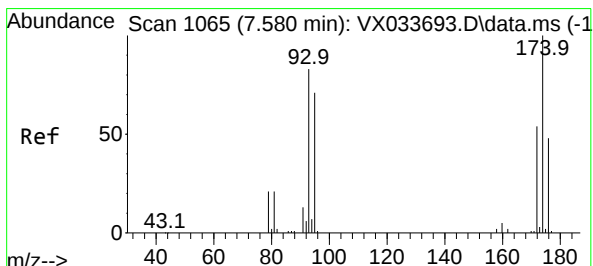
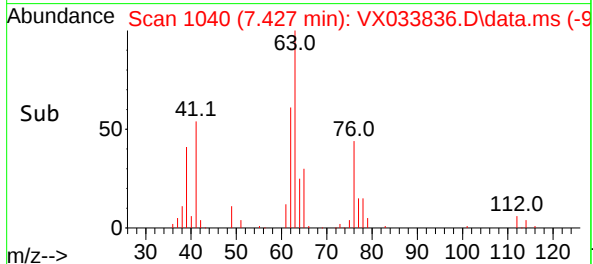
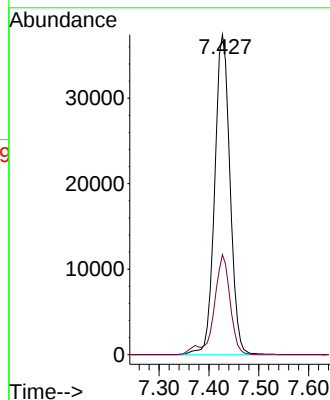
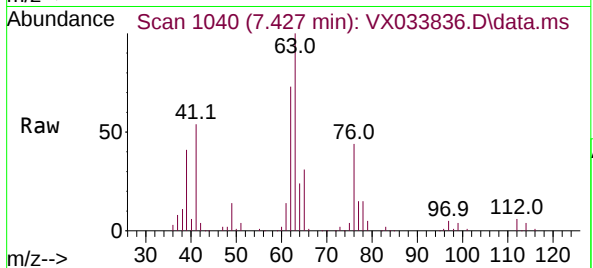
65 31.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#46

Dibromomethane

Concen: 48.547 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

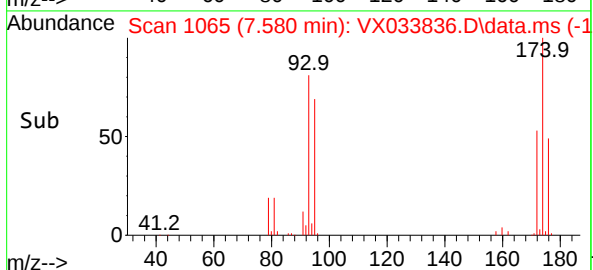
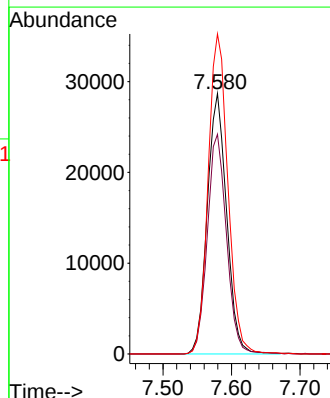
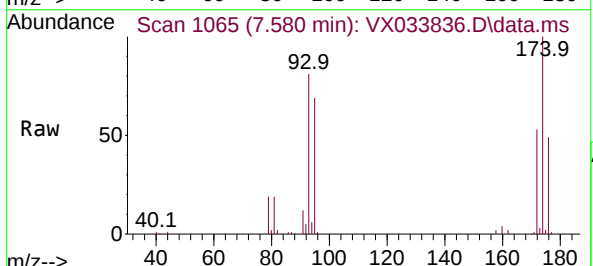
Tgt Ion: 93 Resp: 56377

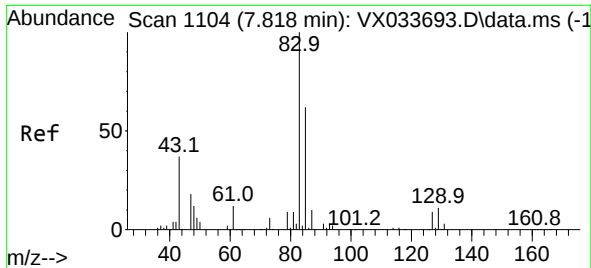
Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

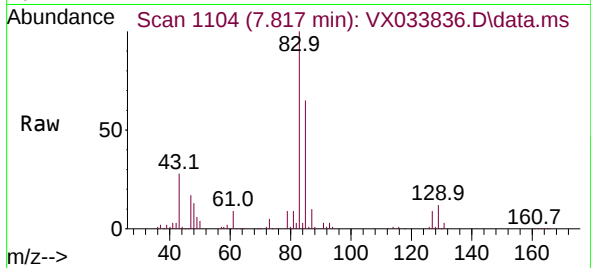
174 124.9 97.4 146.0





#47
Bromodichloromethane
Concen: 50.696 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

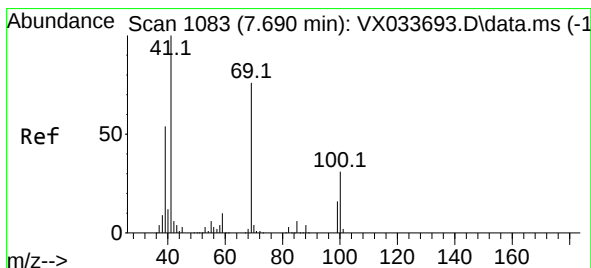
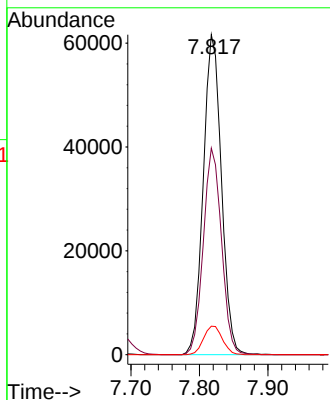
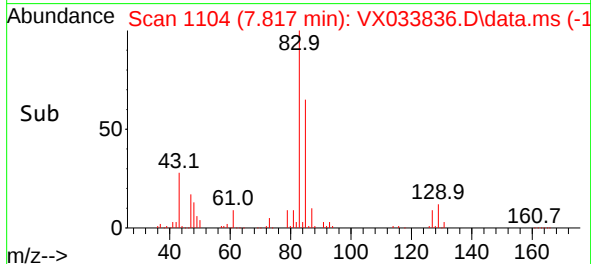
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



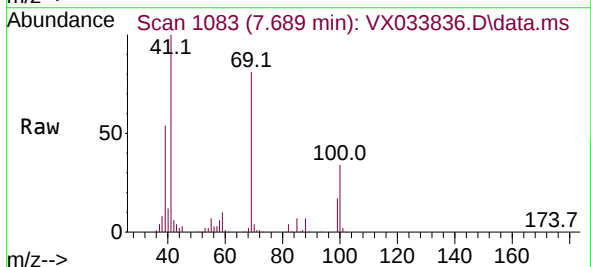
Tgt Ion: 83 Resp: 113459
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 8.9 7.0 10.4

Manual Integrations
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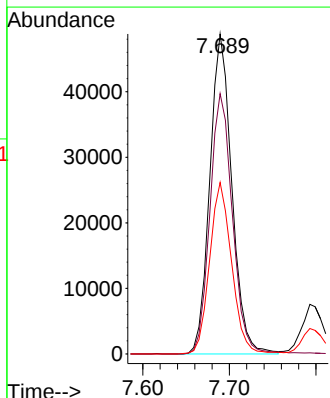
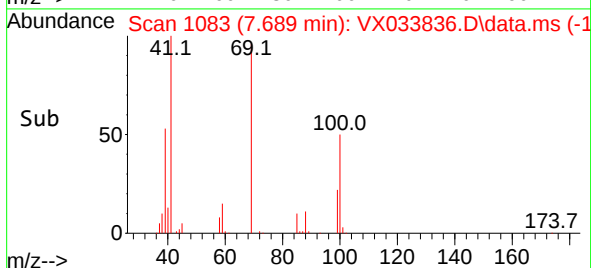
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

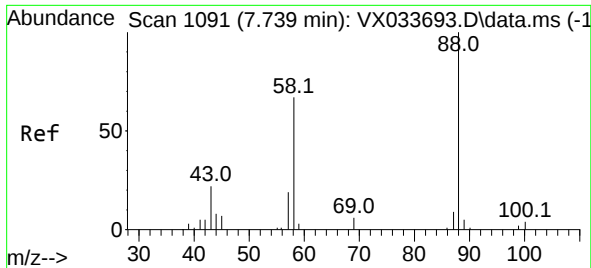


#48
Methyl methacrylate
Concen: 47.663 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



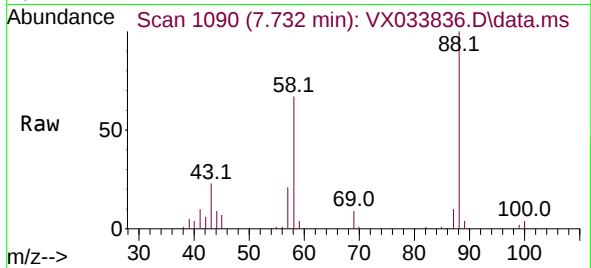
Tgt Ion: 41 Resp: 86306
Ion Ratio Lower Upper
41 100
69 83.6 63.1 94.7
39 53.6 43.2 64.8





#49
1,4-Dioxane
Concen: 992.639 ug/l
RT: 7.732 min Scan# 1091
Delta R.T. -0.007 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

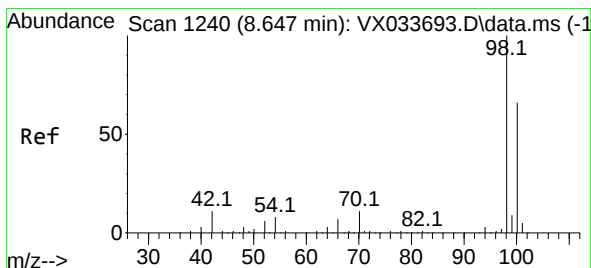
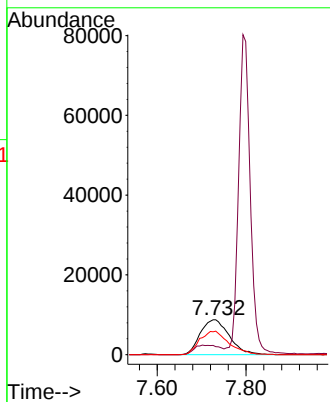
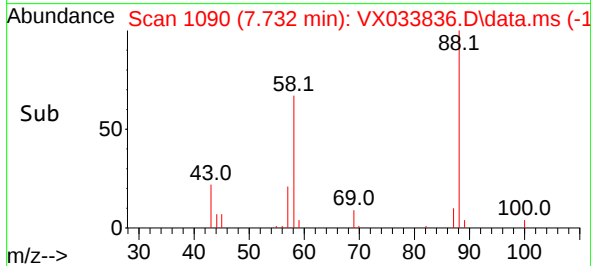
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 39759
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 67.8 56.5 84.7

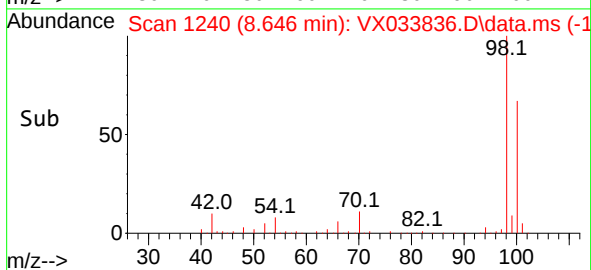
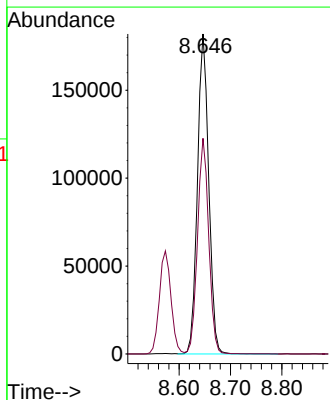
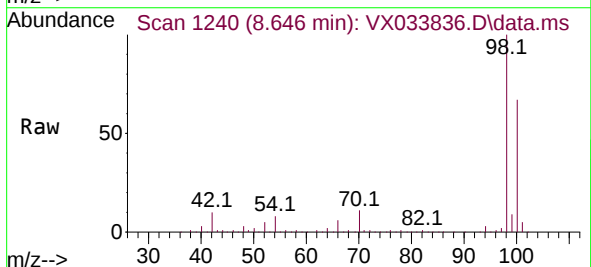
Manual Integrations
APPROVED

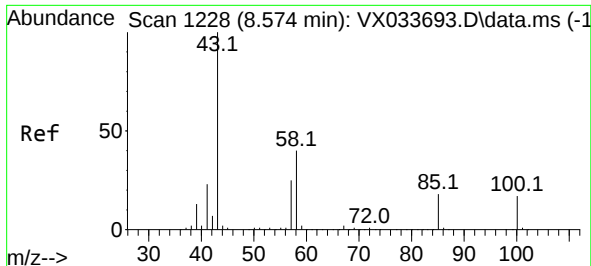
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#50
Toluene-d8
Concen: 48.684 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

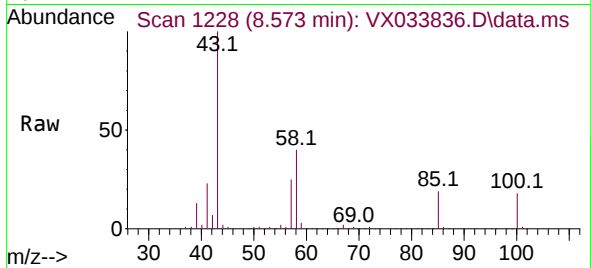
Tgt Ion: 98 Resp: 276747
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 237.360 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

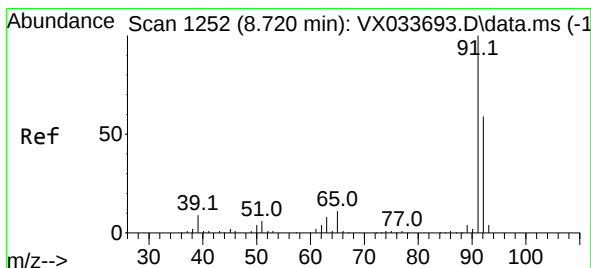
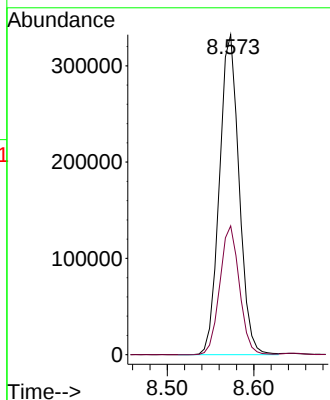
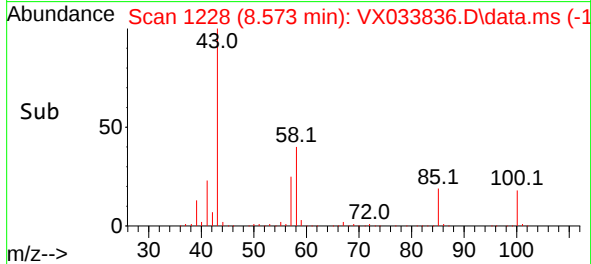
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



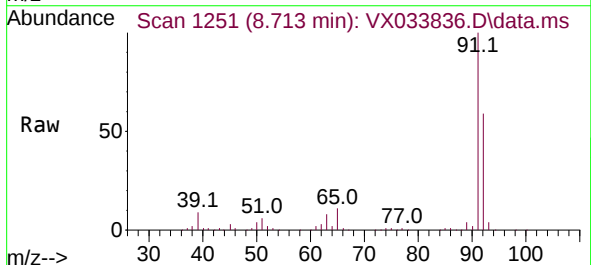
Tgt Ion: 43 Resp: 524009
Ion Ratio Lower Upper
43 100
58 40.0 31.2 46.8

Manual Integrations
APPROVED

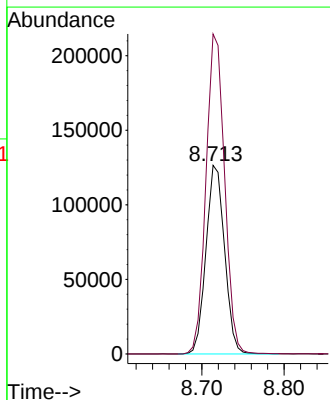
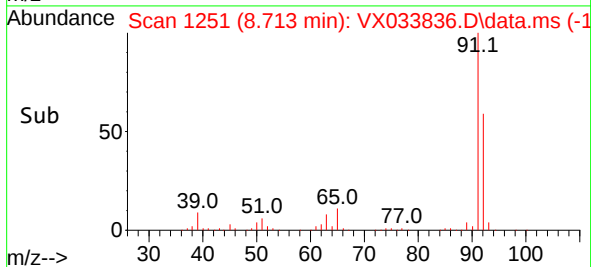
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

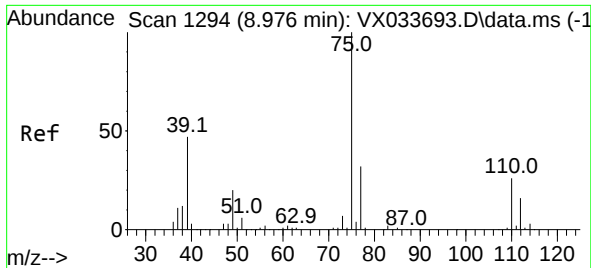


#52
Toluene
Concen: 46.380 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.007 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



Tgt Ion: 92 Resp: 198785
Ion Ratio Lower Upper
92 100
91 169.8 135.5 203.3





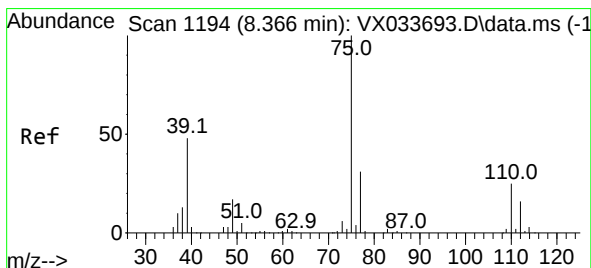
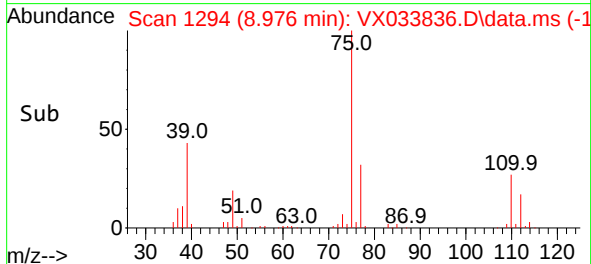
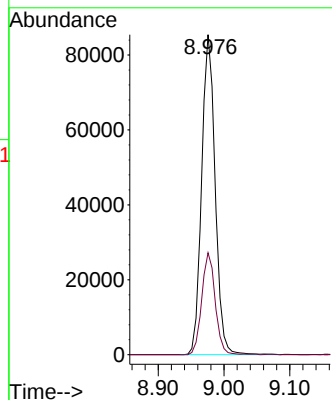
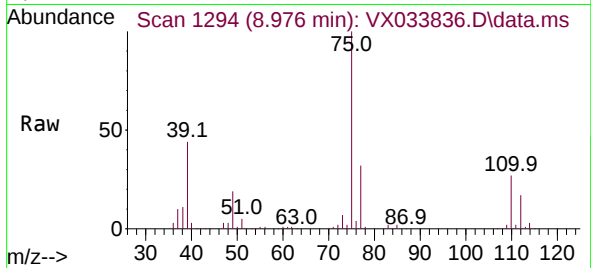
#53
t-1,3-Dichloropropene
Concen: 54.567 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 122129
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3

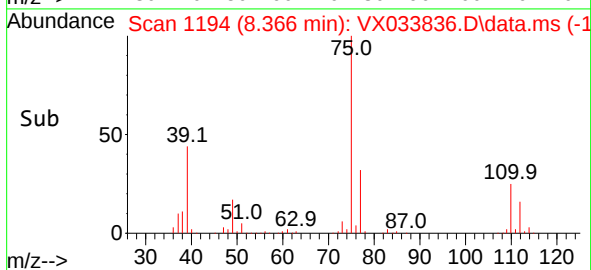
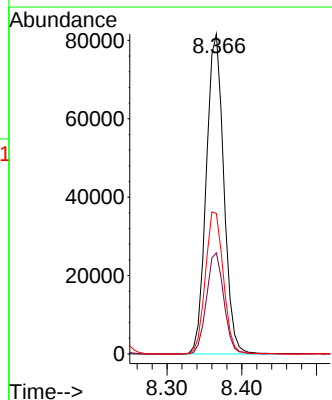
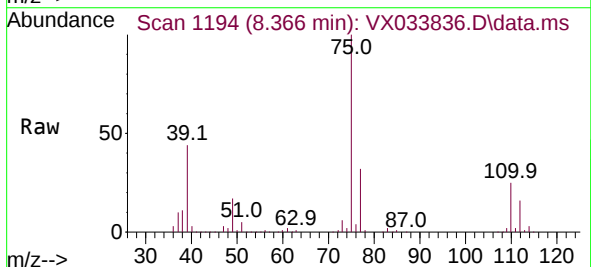
Manual Integrations
APPROVED

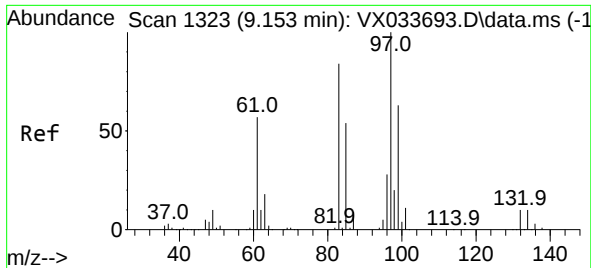
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#54
cis-1,3-Dichloropropene
Concen: 52.929 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

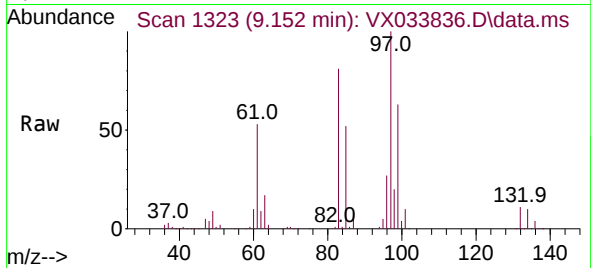
Tgt Ion: 75 Resp: 132739
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6
39 43.9 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 48.262 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

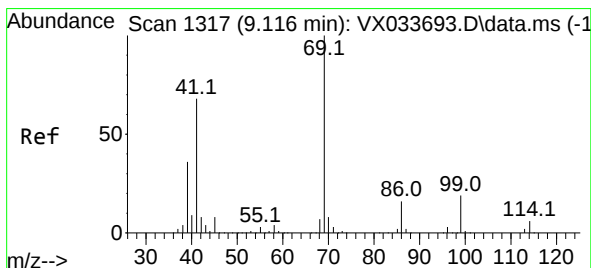
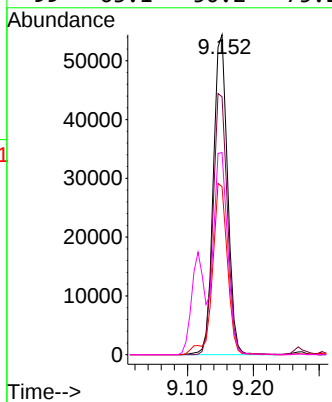
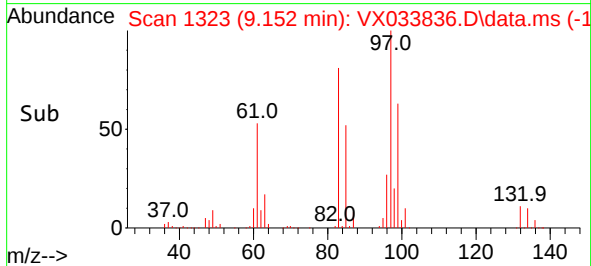


Tgt Ion: 97 Resp: 81880

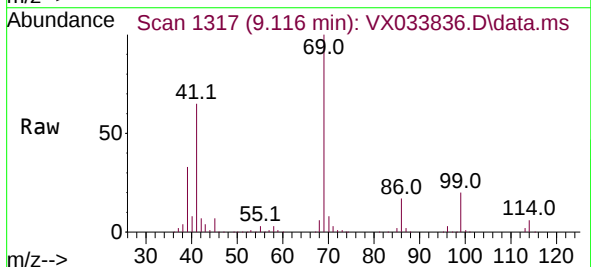
Ion	Ratio	Lower	Upper
97	100		
83	80.6	67.4	101.0
85	52.5	43.2	64.8
99	63.1	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

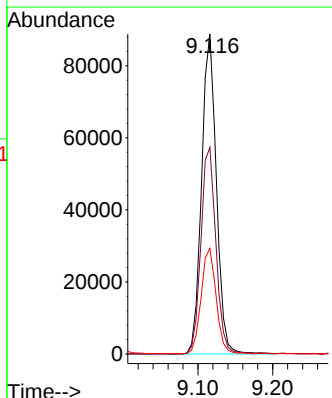
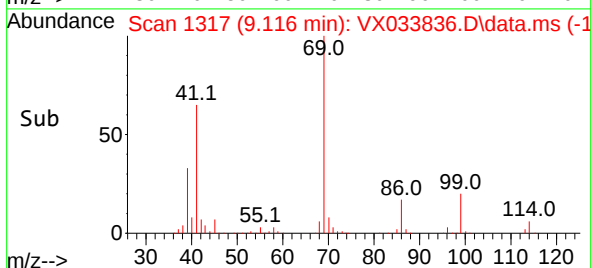


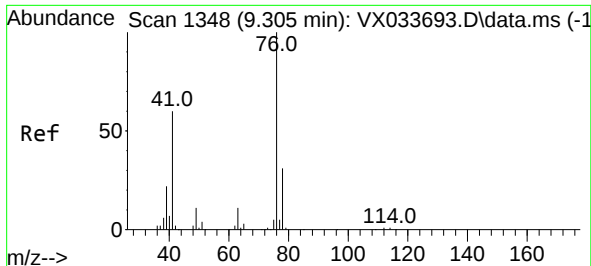
#56
Ethyl methacrylate
Concen: 51.077 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



Tgt Ion: 69 Resp: 121951

Ion	Ratio	Lower	Upper
69	100		
41	65.8	55.1	82.7
39	33.4	28.5	42.7





#57

1,3-Dichloropropane

Concen: 49.037 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 13490

Ion Ratio Lower Upper

76 100

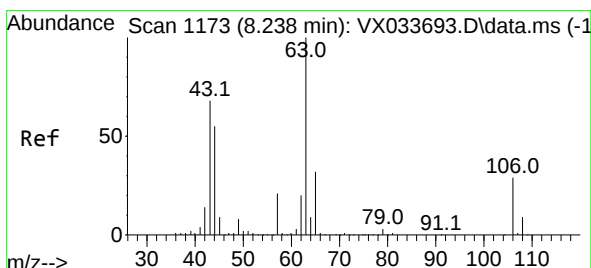
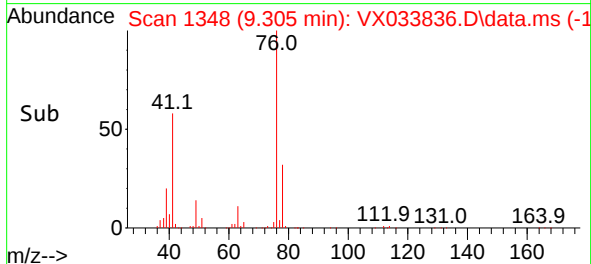
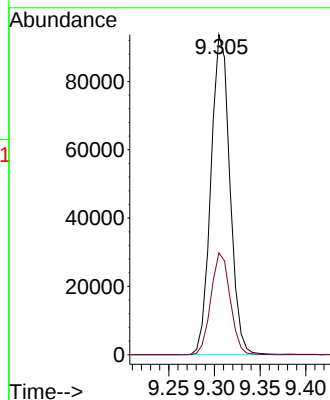
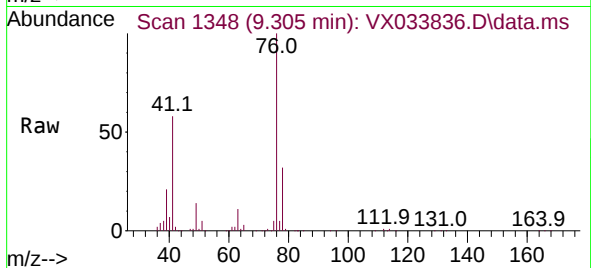
78 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 238.161 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033836.D

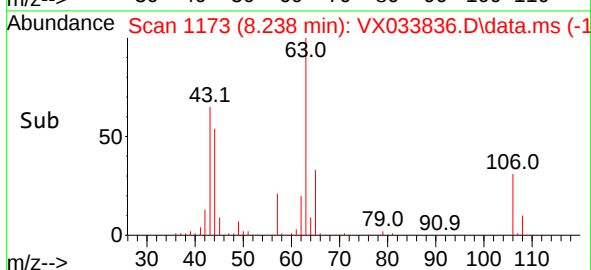
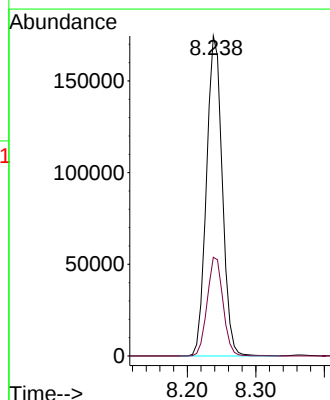
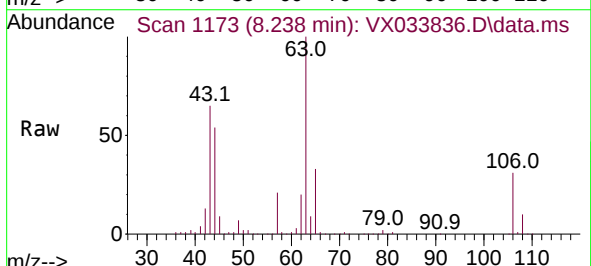
Acq: 23 Jan 2023 10:04

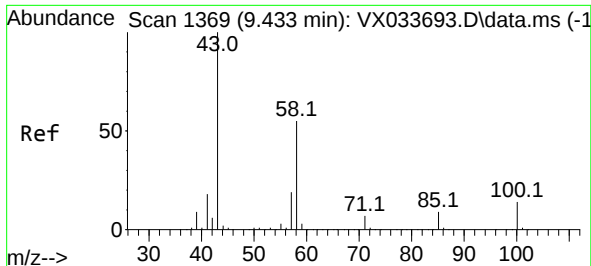
Tgt Ion: 63 Resp: 280048

Ion Ratio Lower Upper

63 100

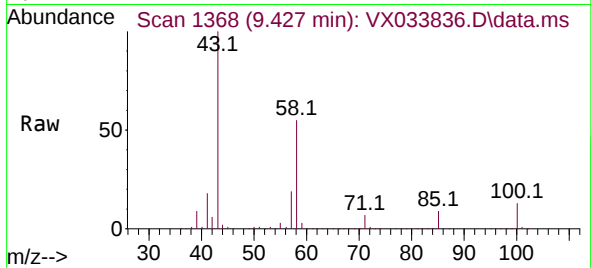
106 30.9 24.5 36.7





#59
2-Hexanone
Concen: 252.525 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.007 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

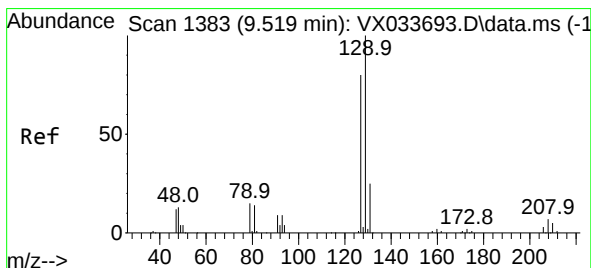
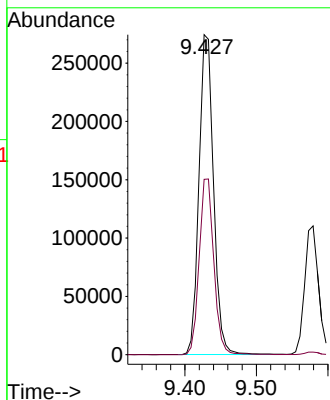
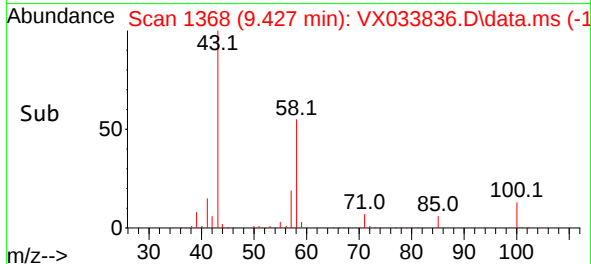
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



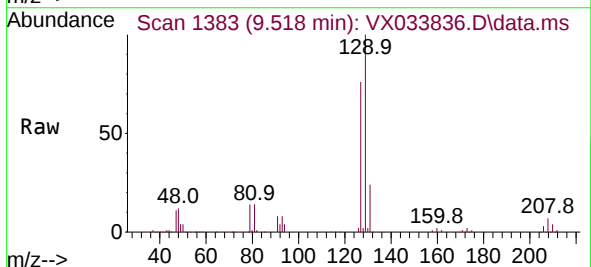
Tgt Ion: 43 Resp: 38802
Ion Ratio Lower Upper
43 100
58 55.4 27.4 82.0

Manual Integrations
APPROVED

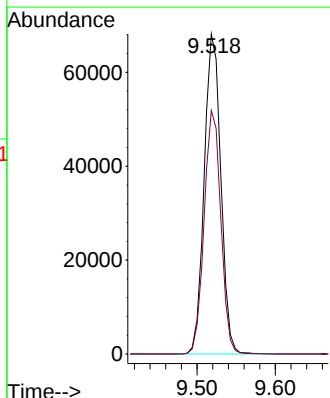
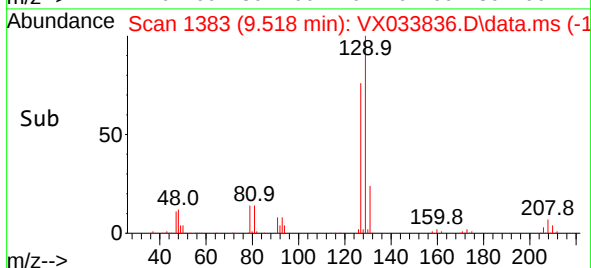
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

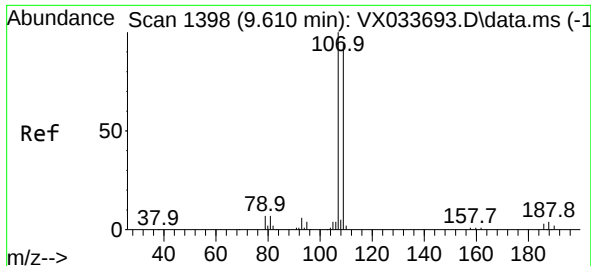


#60
Dibromochloromethane
Concen: 56.940 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



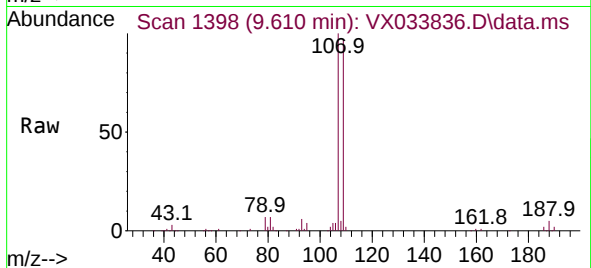
Tgt Ion:129 Resp: 100150
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61
1,2-Dibromoethane
Concen: 51.522 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

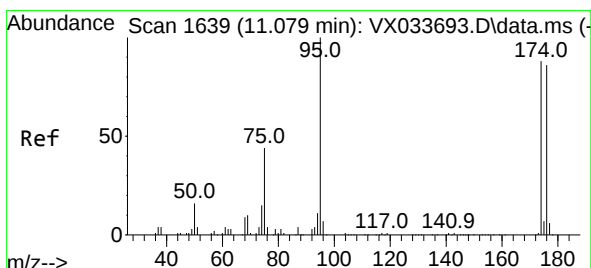
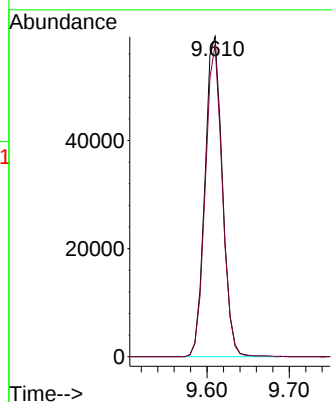
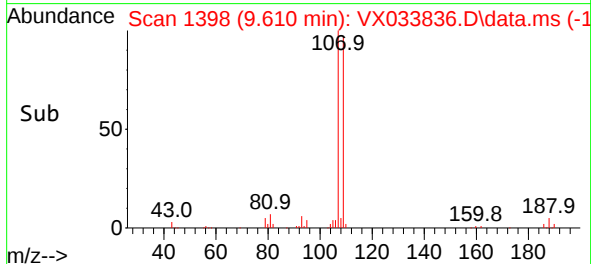
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



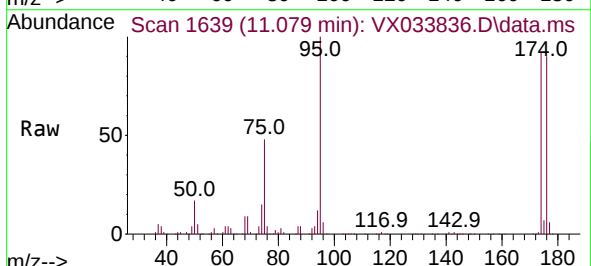
Tgt Ion:107 Resp: 87234
Ion Ratio Lower Upper
107 100
109 95.4 74.2 111.2

Manual Integrations
APPROVED

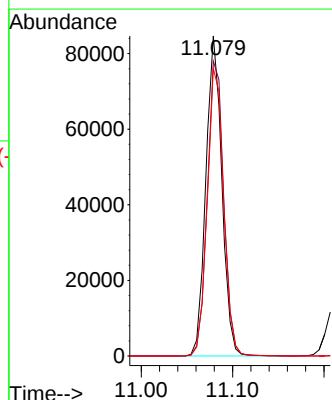
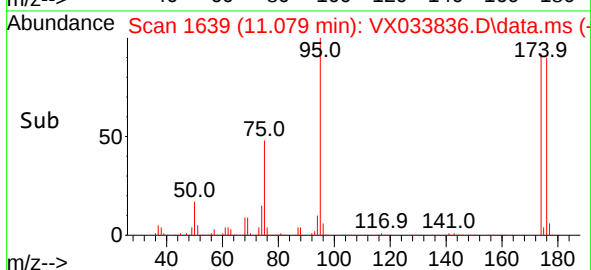
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

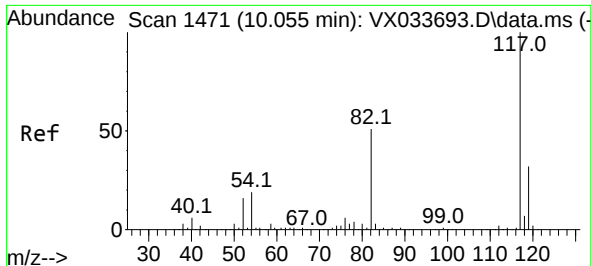


#62
4-Bromofluorobenzene
Concen: 48.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



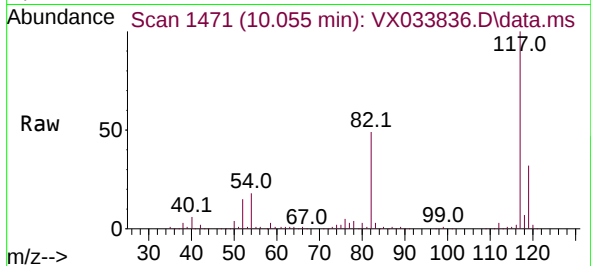
Tgt Ion: 95 Resp: 102281
Ion Ratio Lower Upper
95 100
174 95.0 0.0 184.4
176 92.1 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

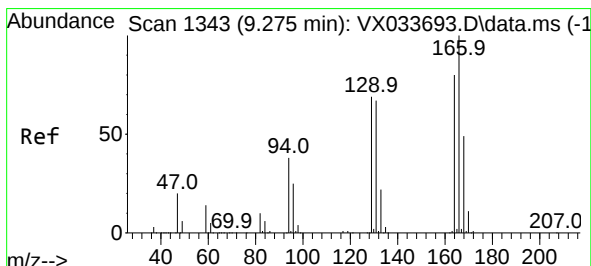
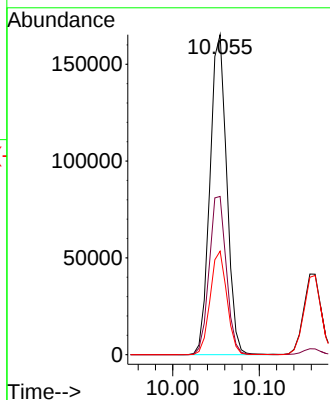
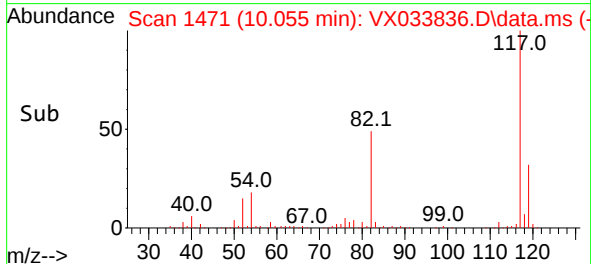
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 222815
Ion Ratio Lower Upper
117 100
82 49.5 40.6 60.8
119 32.3 25.6 38.4

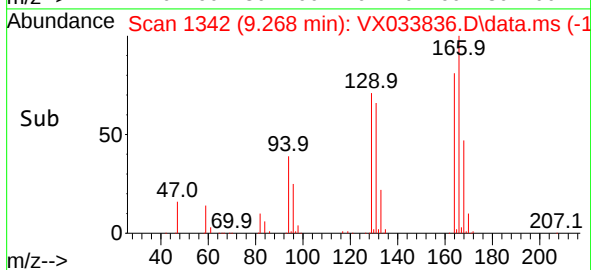
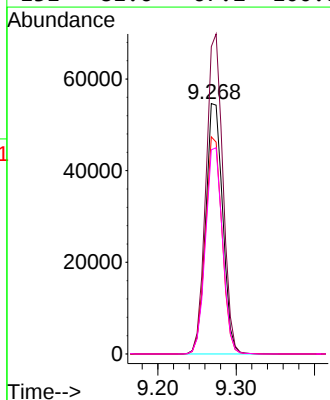
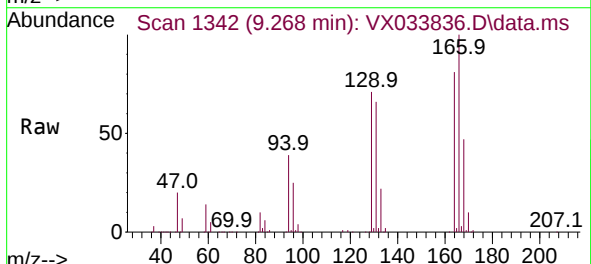
Manual Integrations
APPROVED

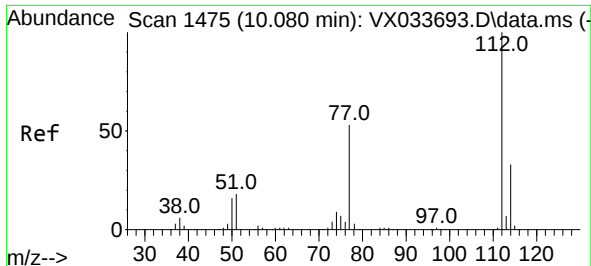
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#64
Tetrachloroethene
Concen: 52.462 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

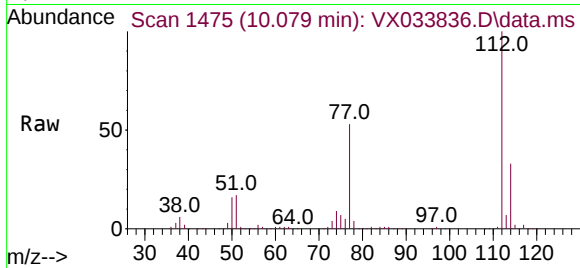
Tgt Ion:164 Resp: 82182
Ion Ratio Lower Upper
164 100
166 122.8 100.2 150.2
129 86.7 69.2 103.8
131 81.6 67.2 100.8





#65
Chlorobenzene
Concen: 48.201 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

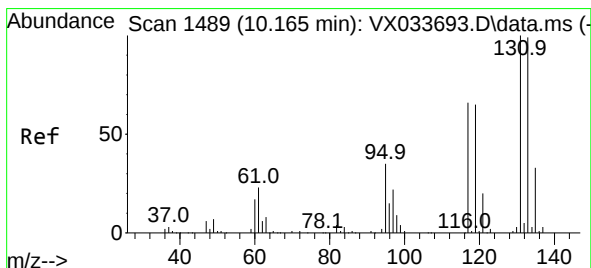
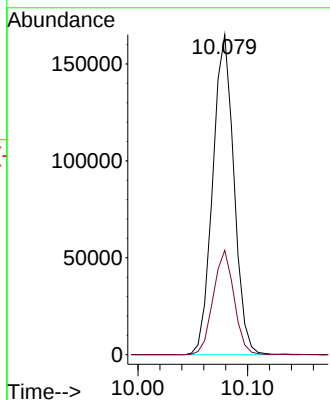
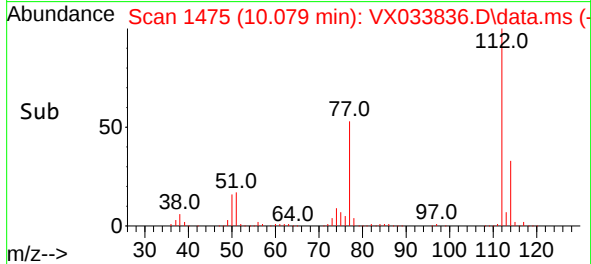
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



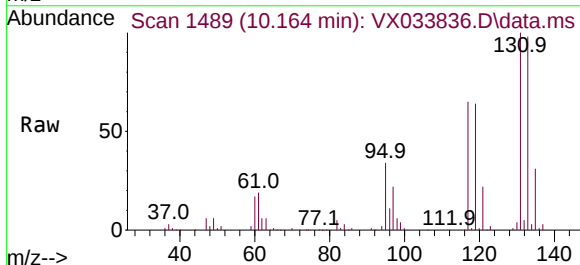
Tgt Ion:112 Resp: 22233
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4

Manual Integrations
APPROVED

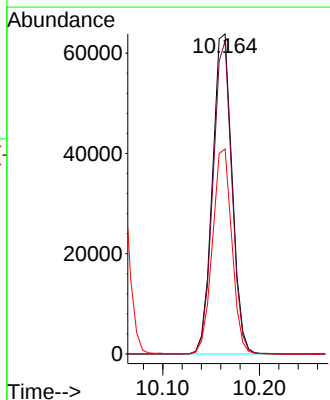
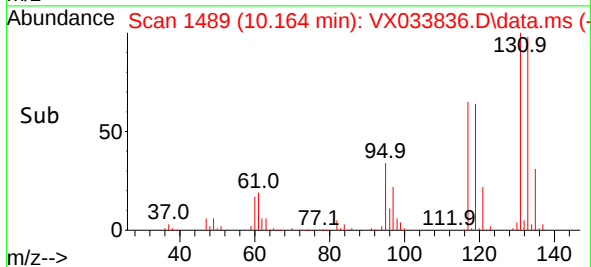
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

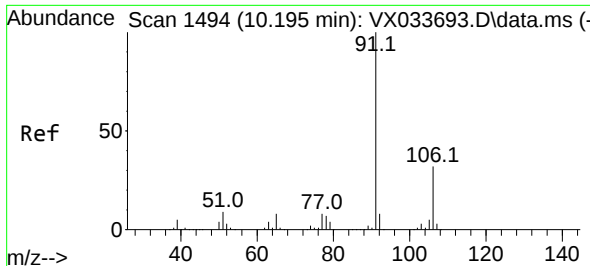


#66
1,1,1,2-Tetrachloroethane
Concen: 52.997 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



Tgt Ion:131 Resp: 89967
Ion Ratio Lower Upper
131 100
133 94.2 48.4 145.0
119 63.2 31.9 95.7





#67

Ethyl Benzene

Concen: 48.098 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 380920

Ion Ratio Lower Upper

91 100

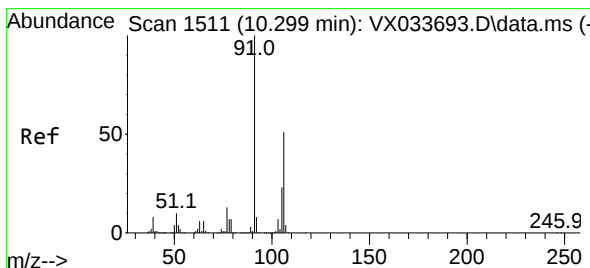
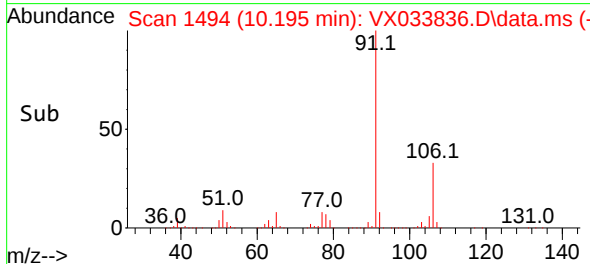
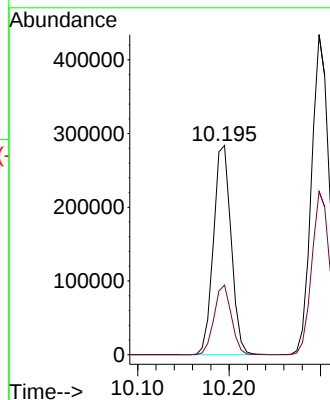
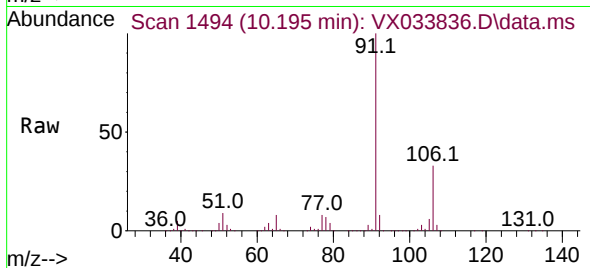
106 33.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#68

m/p-Xylenes

Concen: 97.612 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX033836.D

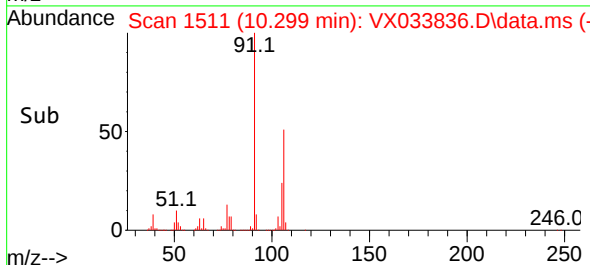
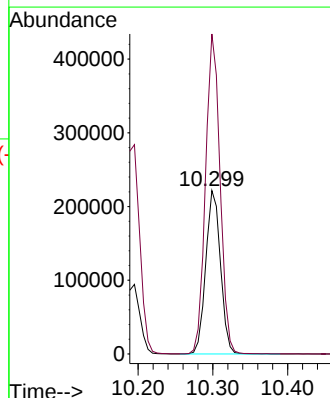
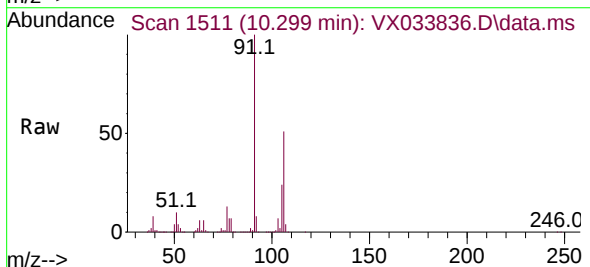
Acq: 23 Jan 2023 10:04

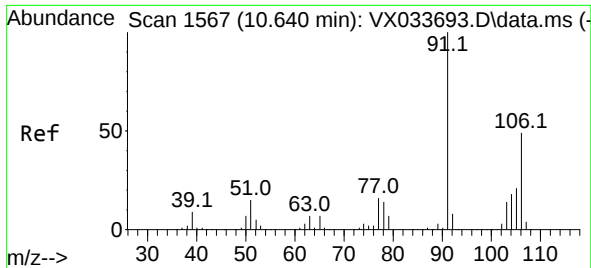
Tgt Ion:106 Resp: 302374

Ion Ratio Lower Upper

106 100

91 193.6 156.4 234.6





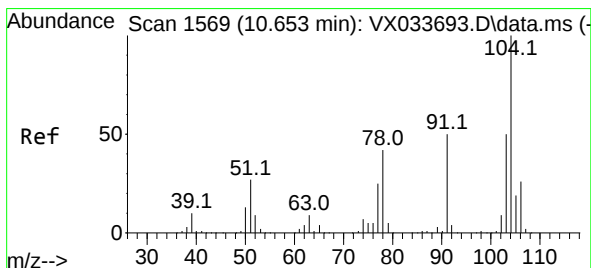
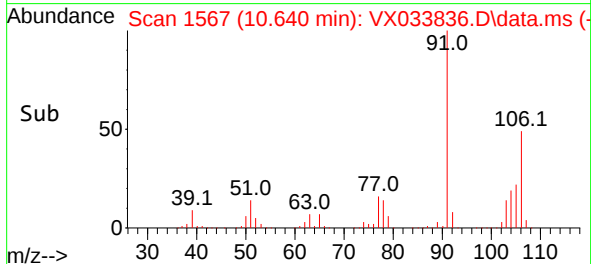
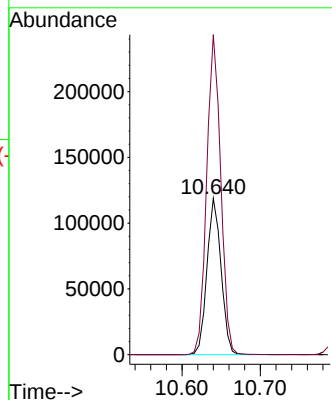
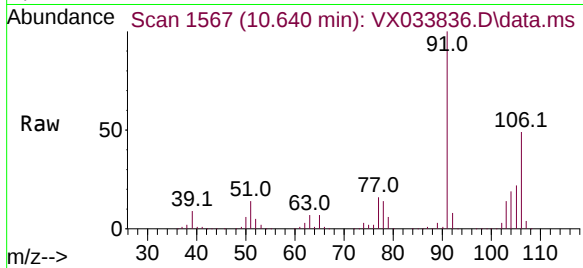
#69
o-Xylene
Concen: 48.168 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 147975
Ion Ratio Lower Upper
106 100
91 204.1 103.1 309.3

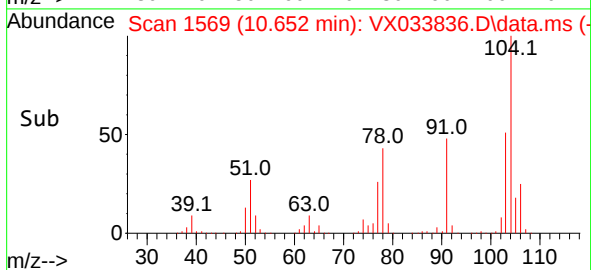
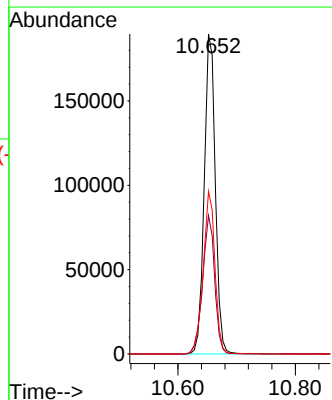
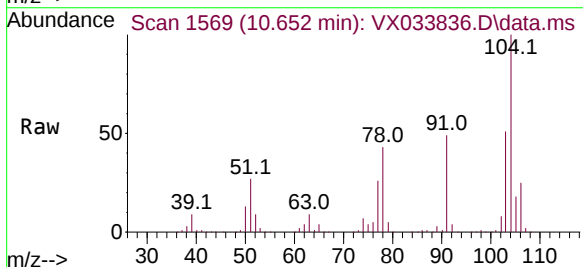
Manual Integrations
APPROVED

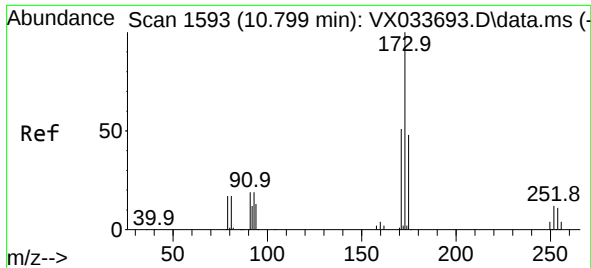
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#70
Styrene
Concen: 49.777 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

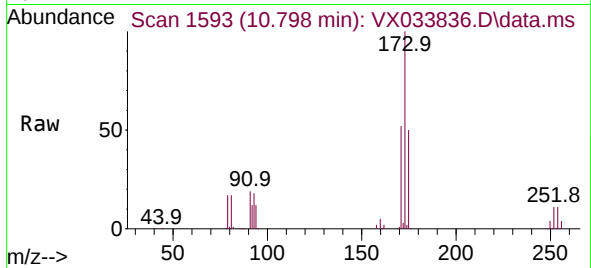
Tgt Ion:104 Resp: 248695
Ion Ratio Lower Upper
104 100
78 47.0 37.5 56.3
103 54.0 43.3 64.9





#71
Bromoform
Concen: 58.255 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

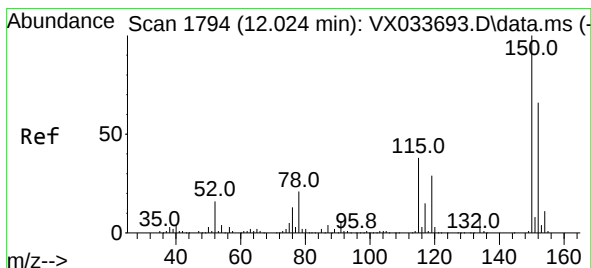
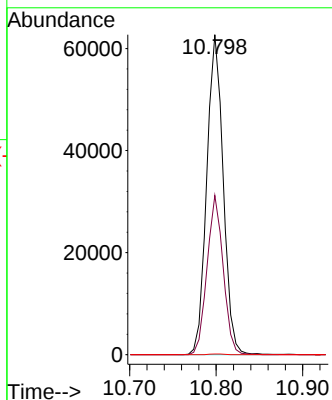
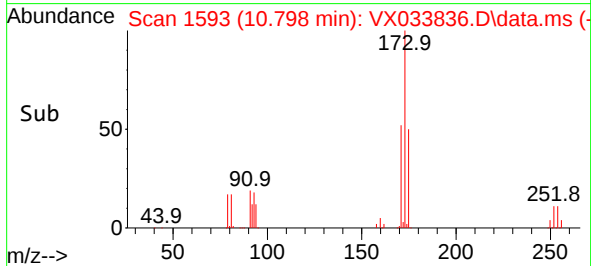
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



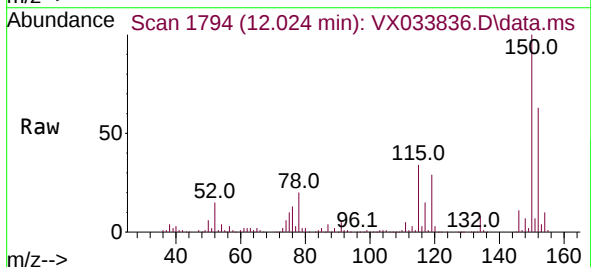
Tgt Ion:173 Resp: 8286
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.3
254 0.2 0.1 0.1

Manual Integrations
APPROVED

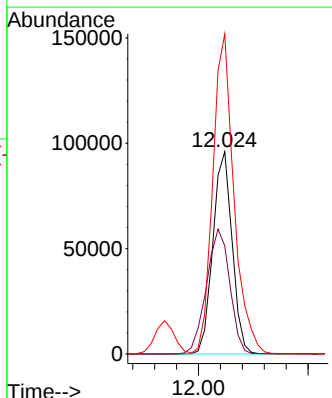
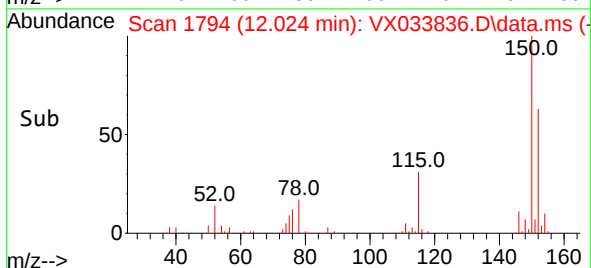
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

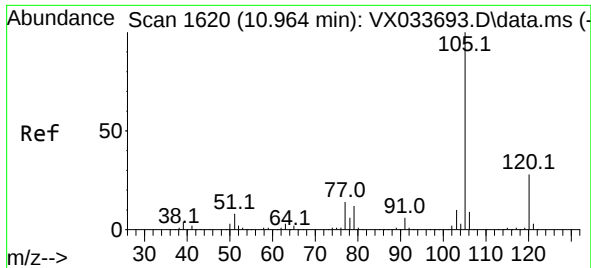


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



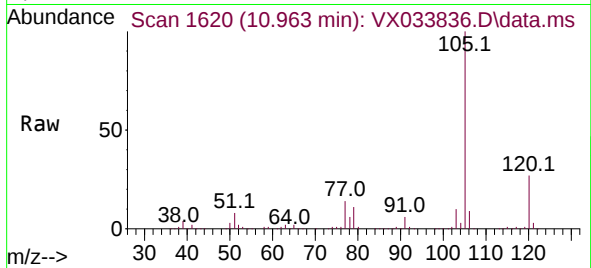
Tgt Ion:152 Resp: 117068
Ion Ratio Lower Upper
152 100
115 75.0 38.7 116.1
150 173.4 0.0 348.2





#73
Isopropylbenzene
Concen: 50.023 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

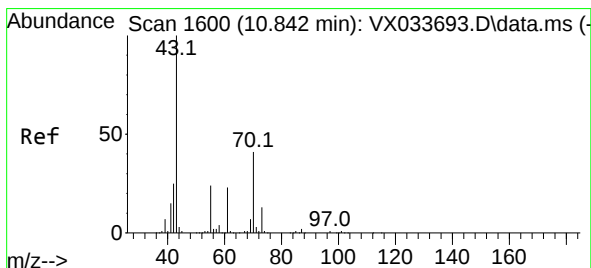
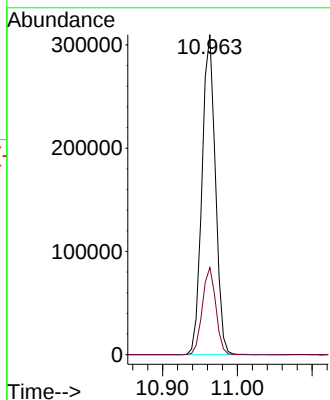
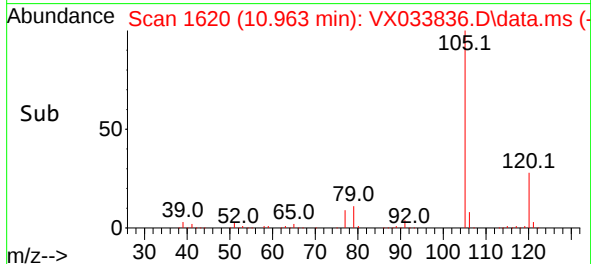
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



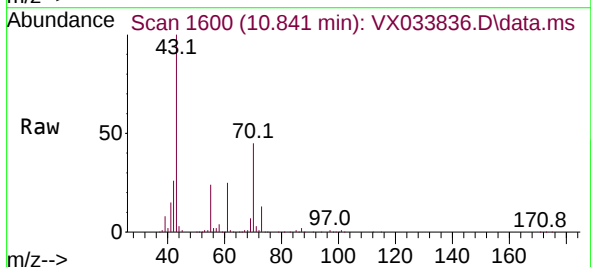
Tgt Ion:105 Resp: 38534
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8

Manual Integrations
APPROVED

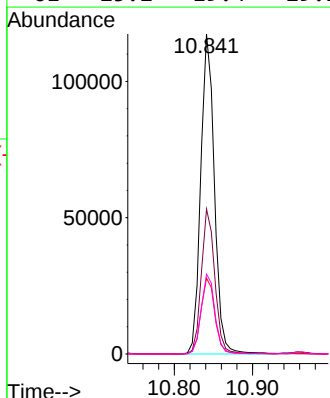
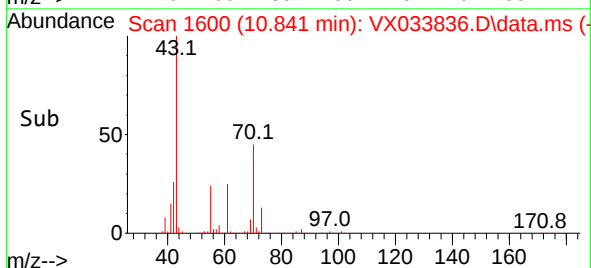
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

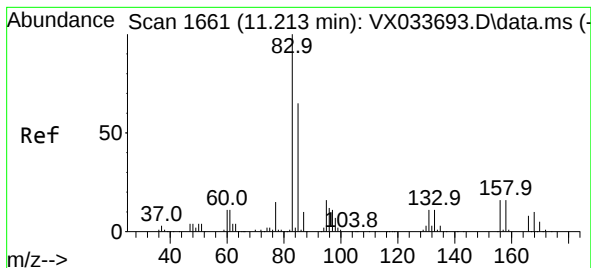


#74
N-ethyl acetate
Concen: 46.375 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



Tgt Ion: 43 Resp: 142563
Ion Ratio Lower Upper
43 100
70 44.9 34.8 52.2
55 24.3 19.4 29.0
61 25.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.390 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11763

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.7

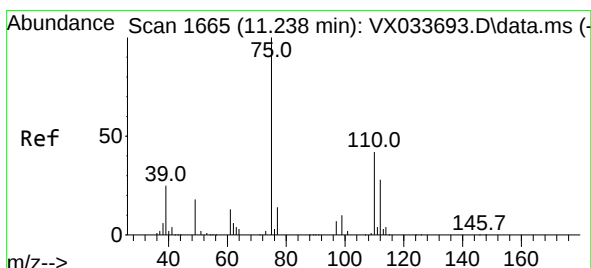
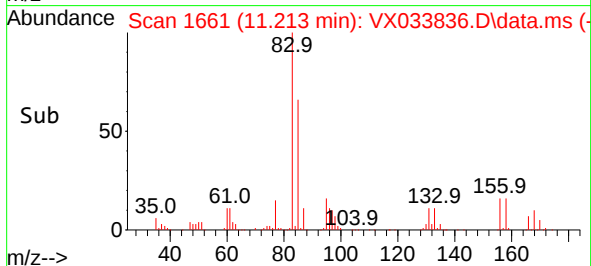
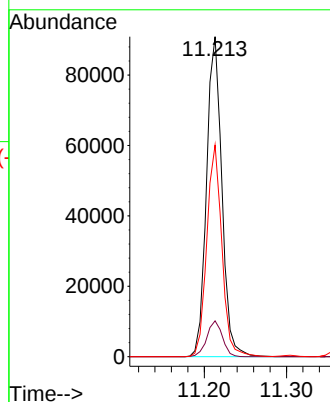
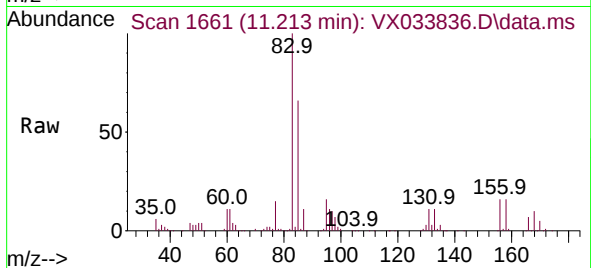
85 65.1 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#76

1,2,3-Trichloropropane

Concen: 50.883 ug/l m

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX033836.D

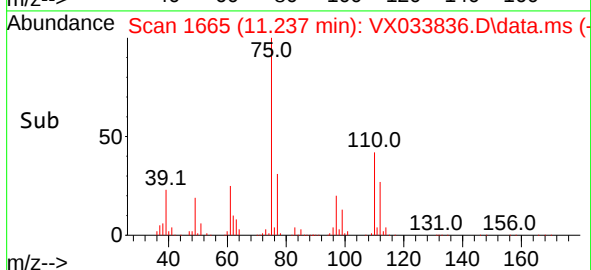
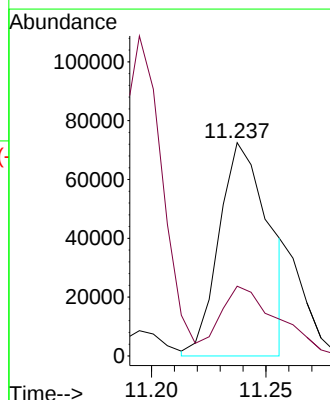
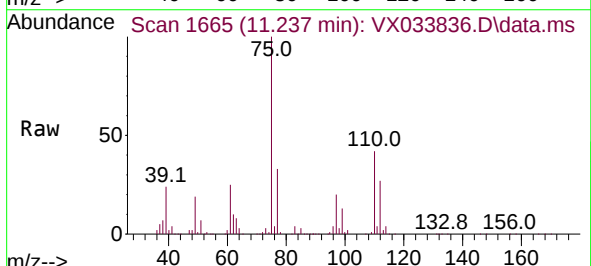
Acq: 23 Jan 2023 10:04

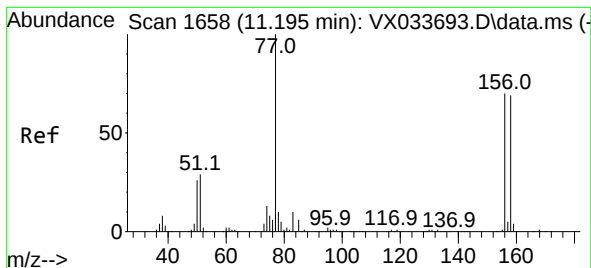
Tgt Ion: 75 Resp: 109447

Ion Ratio Lower Upper

75 100

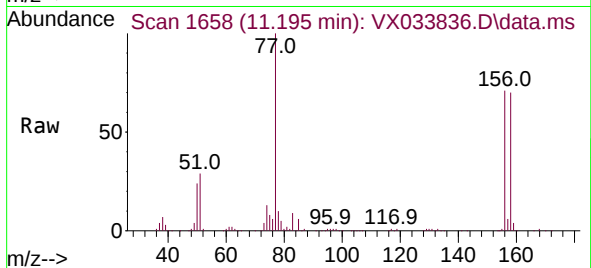
77 38.3 21.8 65.4





#77
Bromobenzene
Concen: 49.826 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

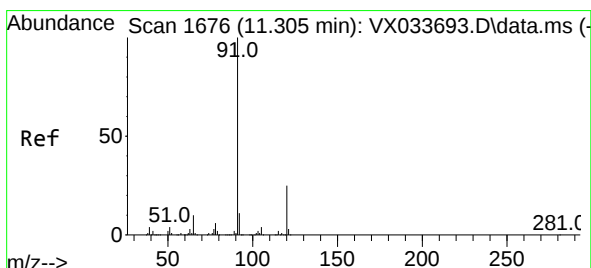
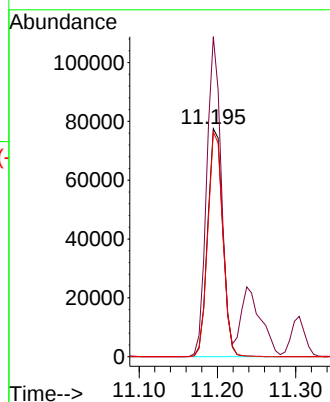
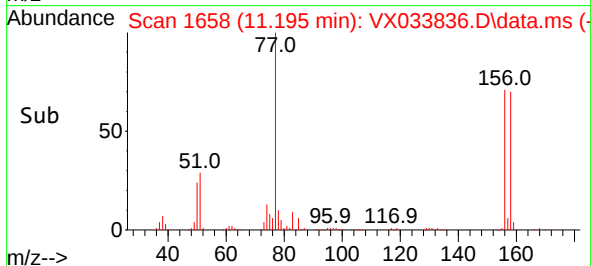
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



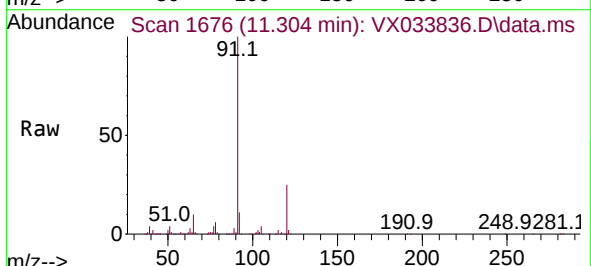
Tgt Ion:156 Resp: 103580
Ion Ratio Lower Upper
156 100
77 135.3 68.1 204.3
158 97.8 48.0 144.2

Manual Integrations
APPROVED

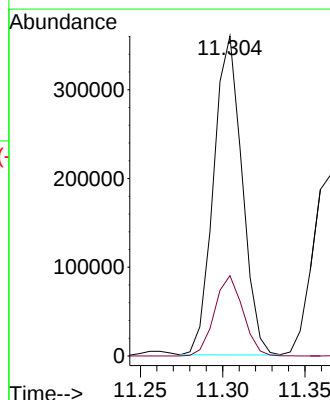
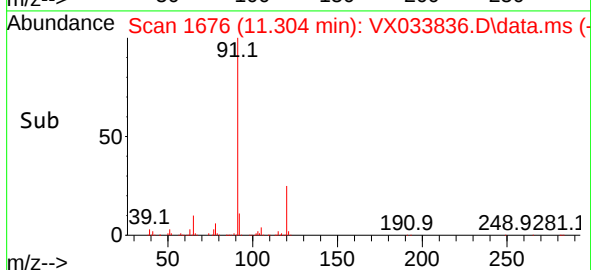
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

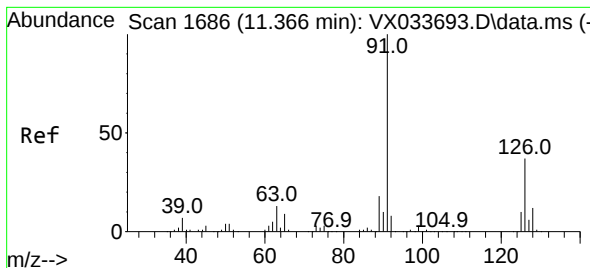


#78
n-propylbenzene
Concen: 45.342 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



Tgt Ion: 91 Resp: 433137
Ion Ratio Lower Upper
91 100
120 25.1 12.3 36.8





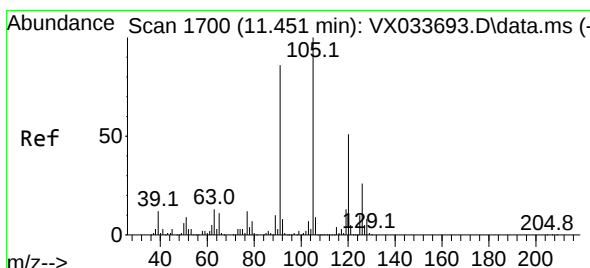
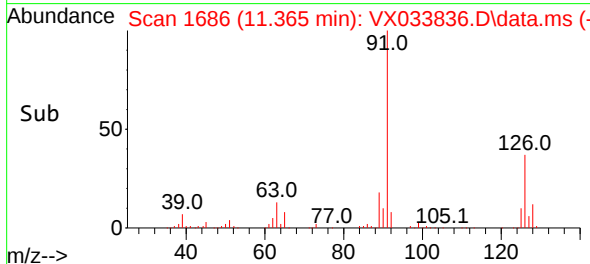
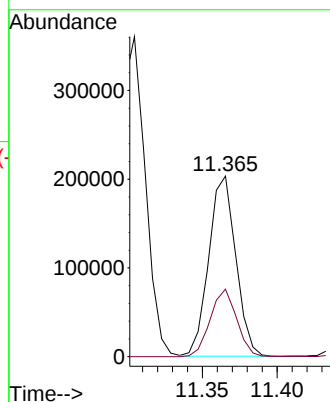
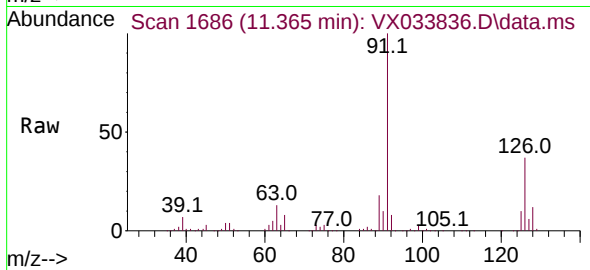
#79
2-Chlorotoluene
Concen: 49.452 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 25537
Ion Ratio Lower Upper
91 100
126 36.7 18.1 54.1

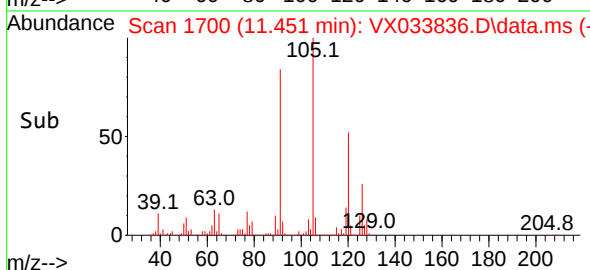
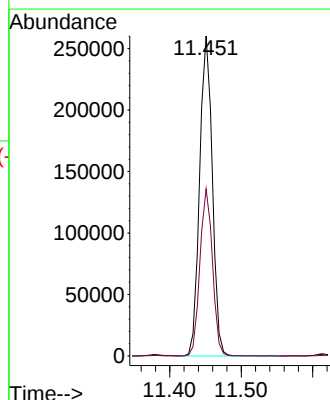
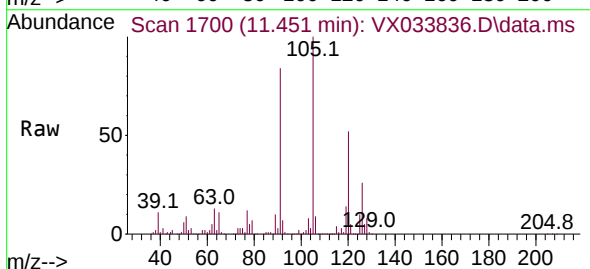
Manual Integrations
APPROVED

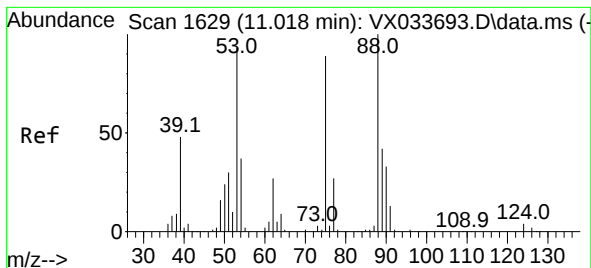
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.402 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Tgt Ion:105 Resp: 319826
Ion Ratio Lower Upper
105 100
120 51.6 25.6 76.8





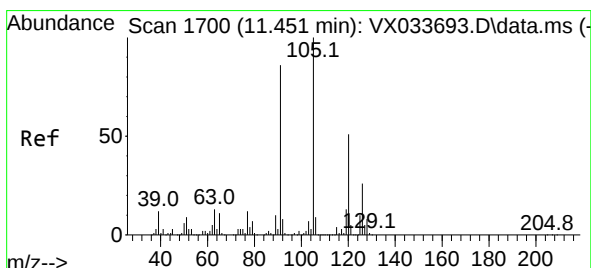
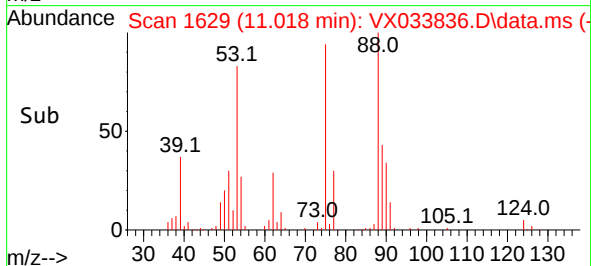
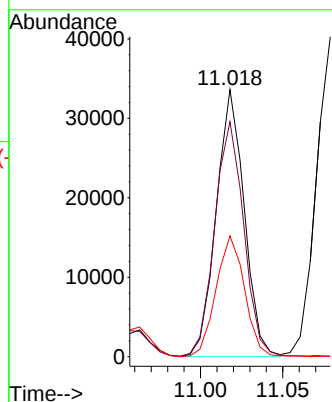
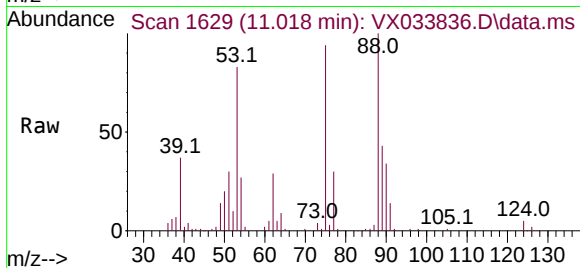
#81
trans-1,4-Dichloro-2-butene
Concen: 57.449 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 39760
Ion Ratio Lower Upper
75 100
53 91.8 83.0 124.6
89 46.2 37.7 56.5

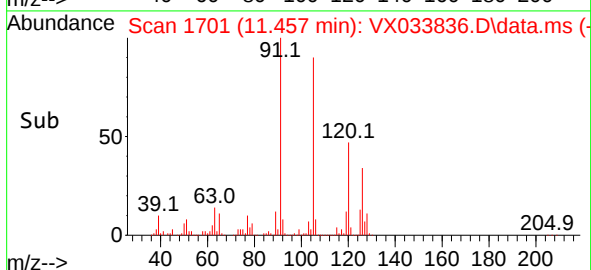
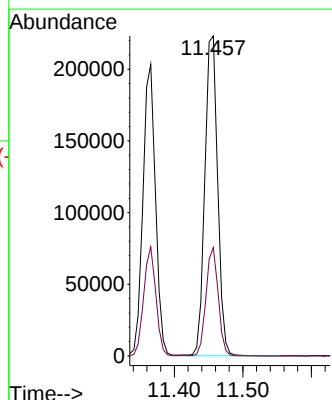
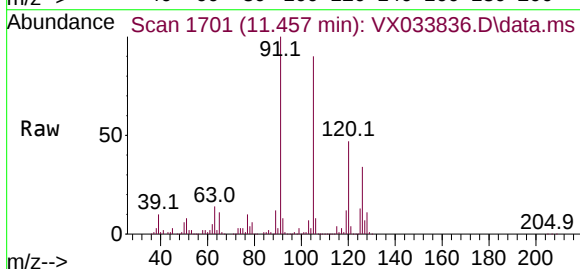
Manual Integrations
APPROVED

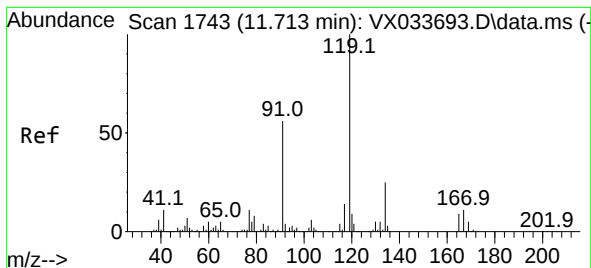
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#82
4-Chlorotoluene
Concen: 49.312 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

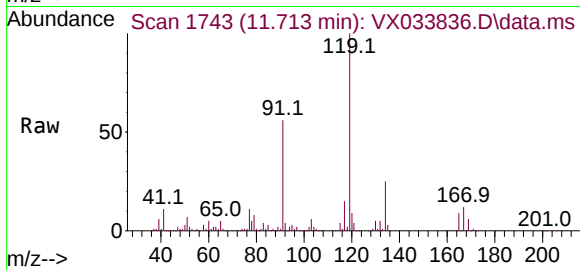
Tgt Ion: 91 Resp: 291499
Ion Ratio Lower Upper
91 100
126 32.5 15.8 47.4





#83
tert-Butylbenzene
Concen: 49.007 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

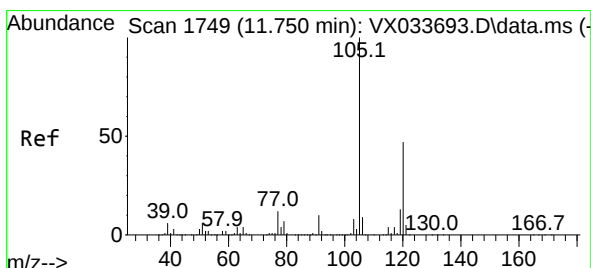
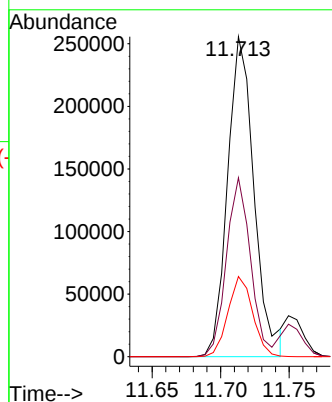
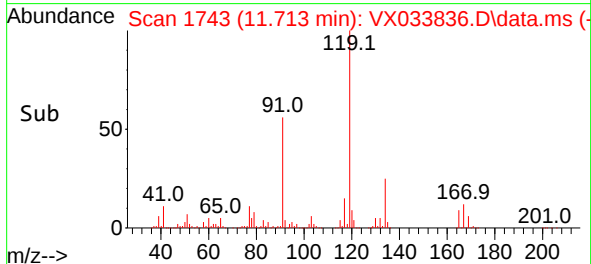
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



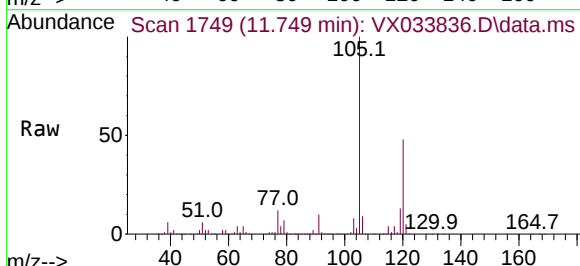
Tgt Ion:119 Resp: 34277
Ion Ratio Lower Upper
119 100
91 51.1 26.9 80.7
134 23.5 12.3 36.8

Manual Integrations
APPROVED

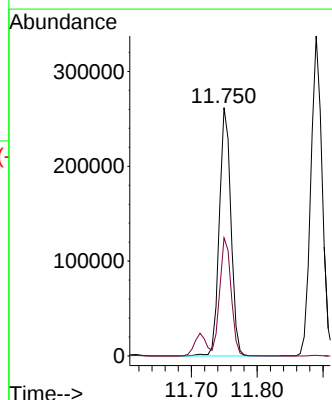
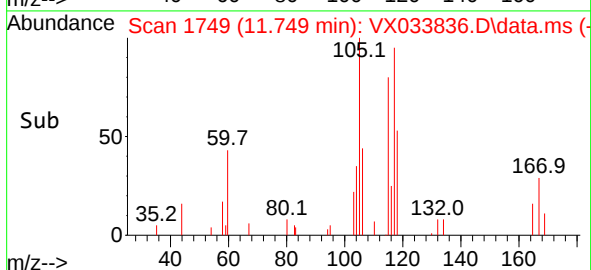
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

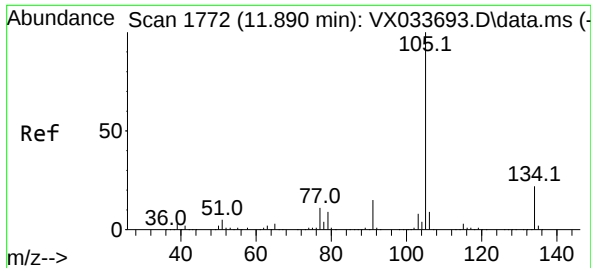


#84
1,2,4-Trimethylbenzene
Concen: 48.113 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



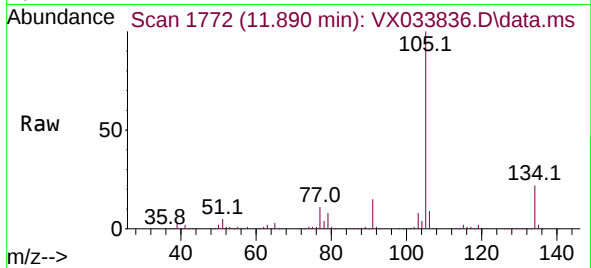
Tgt Ion:105 Resp: 320602
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 48.027 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033836.D
 Acq: 23 Jan 2023 10:04

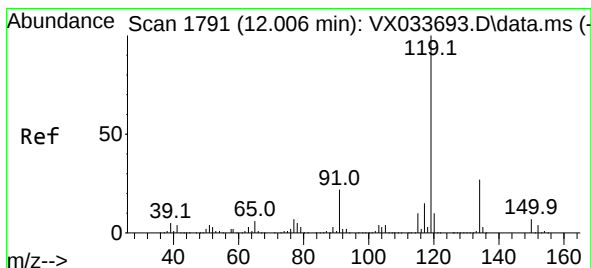
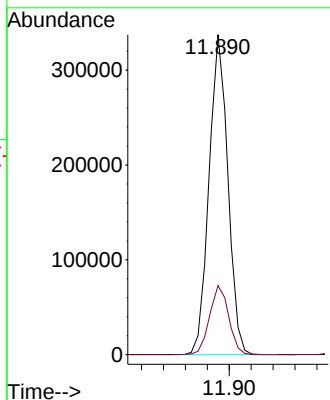
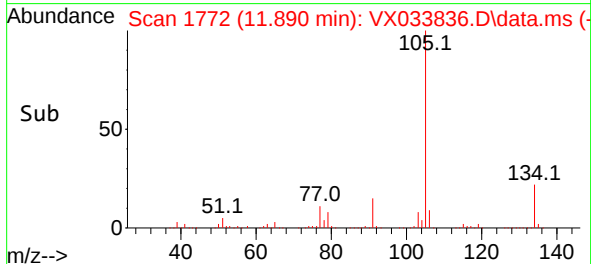
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



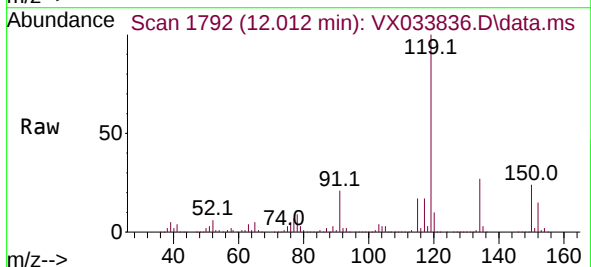
Tgt Ion:105 Resp: 401792
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.8 32.3

Manual Integrations
 APPROVED

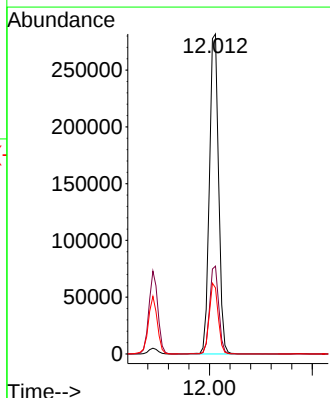
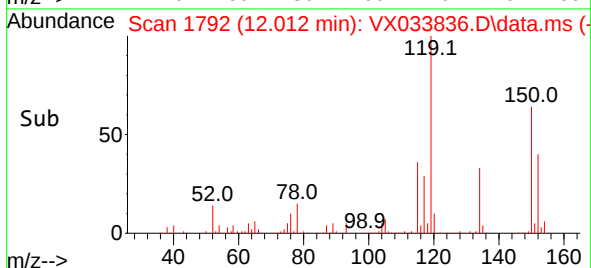
Reviewed By :John Carlone 01/24/2023
 Supervised By :Mahesh Dadoda 01/27/2023

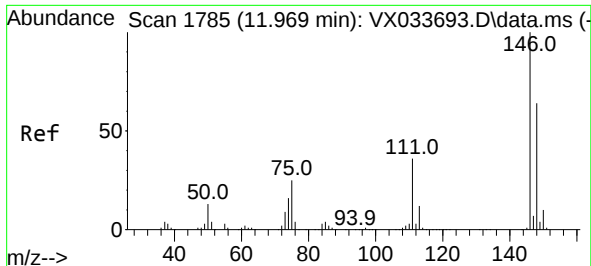


#86
 p-Isopropyltoluene
 Concen: 48.972 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033836.D
 Acq: 23 Jan 2023 10:04



Tgt Ion:119 Resp: 350757
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 21.5 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 48.453 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 191662

Ion Ratio Lower Upper

146 100

111 36.8 18.6 55.6

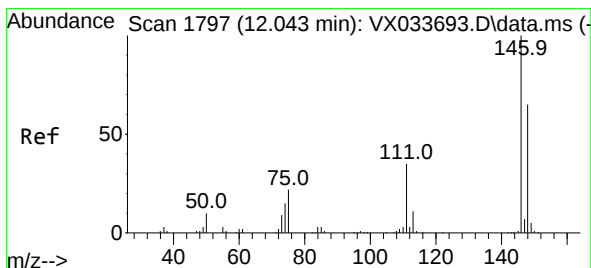
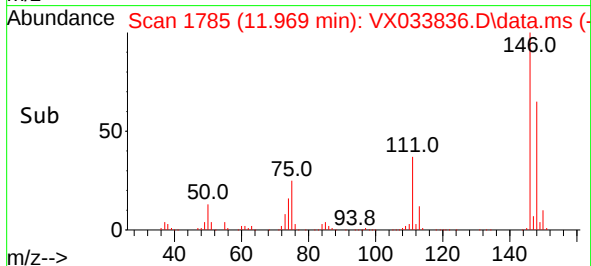
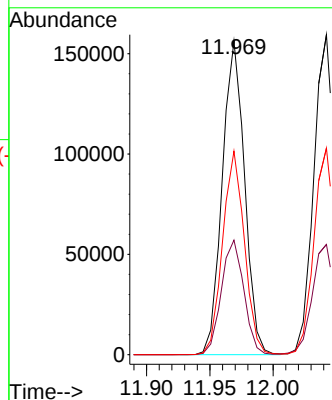
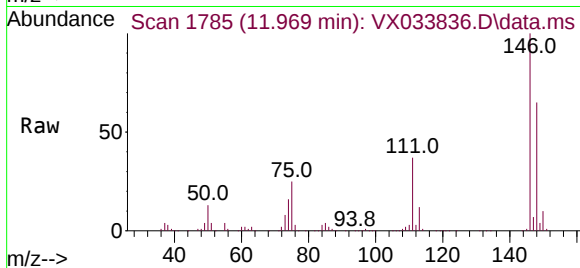
148 63.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#88

1,4-Dichlorobenzene

Concen: 47.604 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

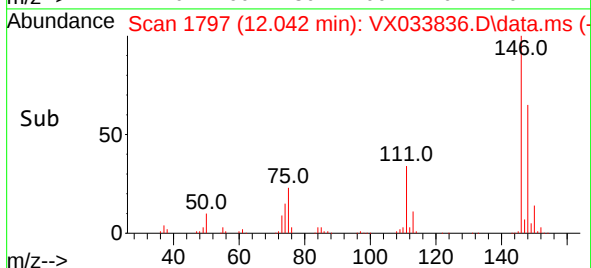
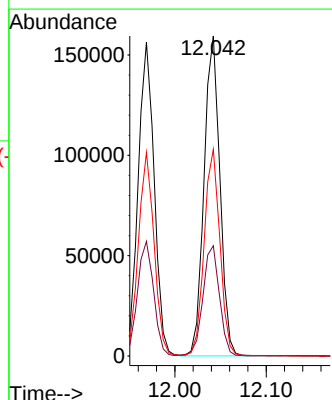
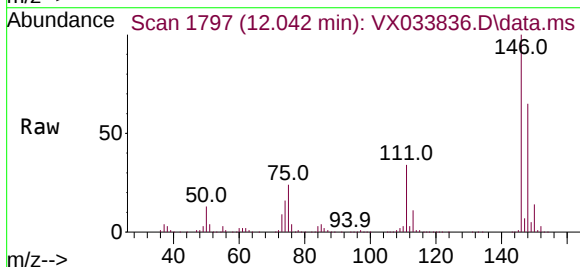
Tgt Ion:146 Resp: 191823

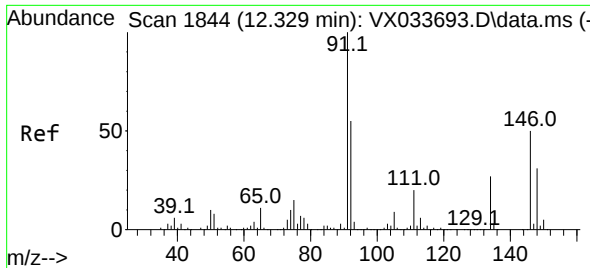
Ion Ratio Lower Upper

146 100

111 35.8 17.8 53.4

148 64.4 32.1 96.3





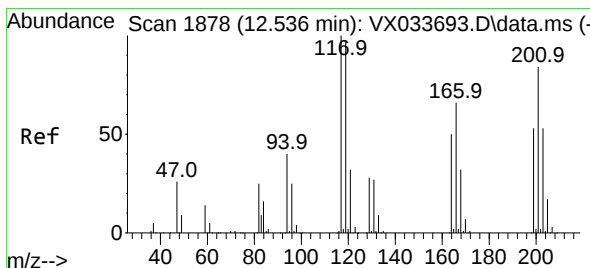
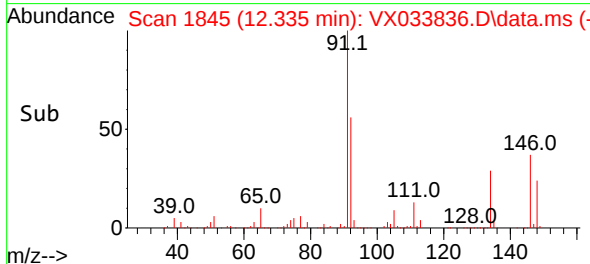
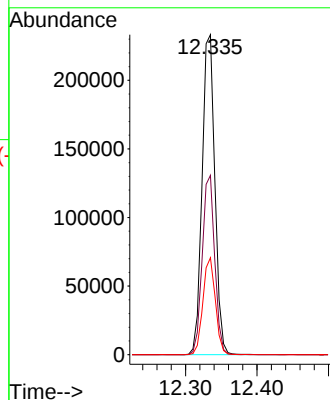
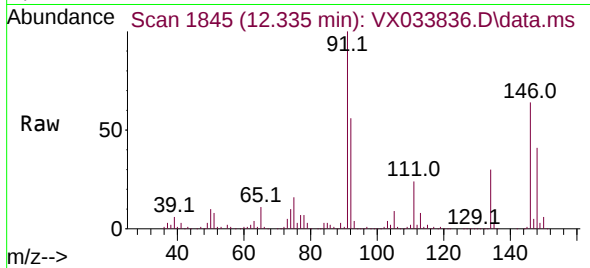
#89
n-Butylbenzene
Concen: 49.297 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 28885
Ion Ratio Lower Upper
91 100
92 55.0 27.5 82.5
134 29.6 14.3 42.9

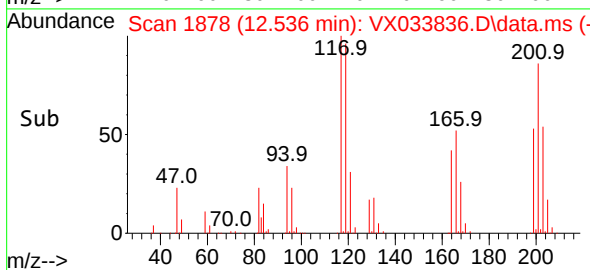
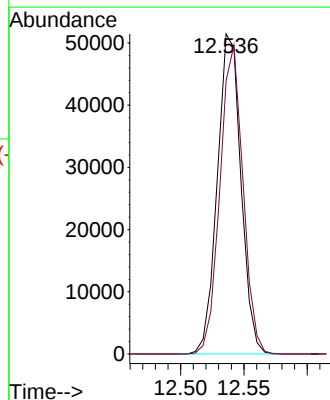
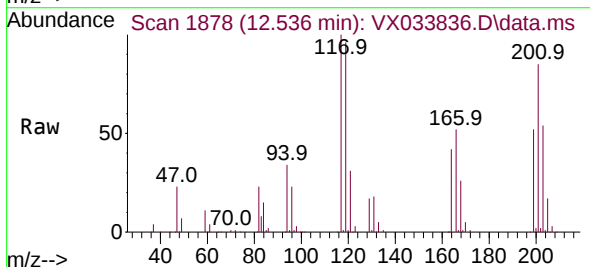
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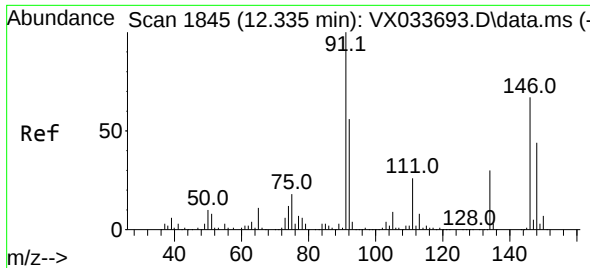
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#90
Hexachloroethane
Concen: 56.583 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

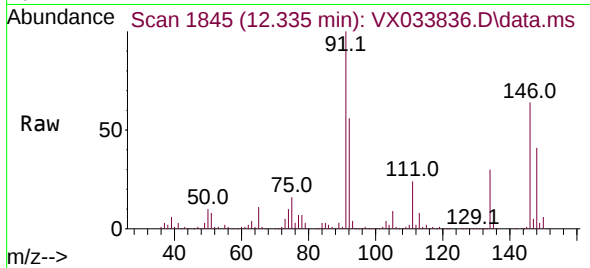
Tgt Ion:117 Resp: 66665
Ion Ratio Lower Upper
117 100
201 93.9 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 49.024 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

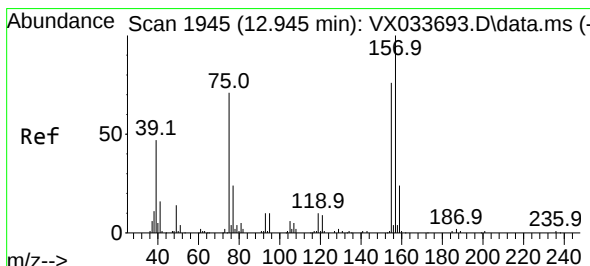
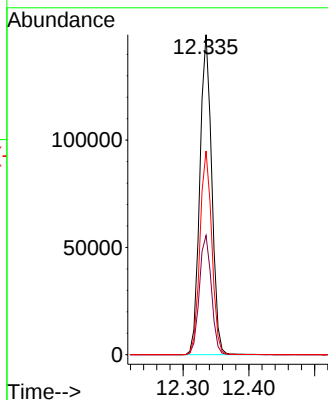
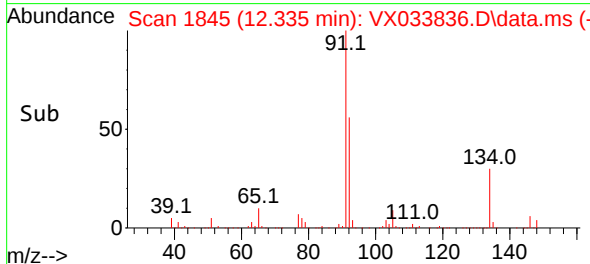
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



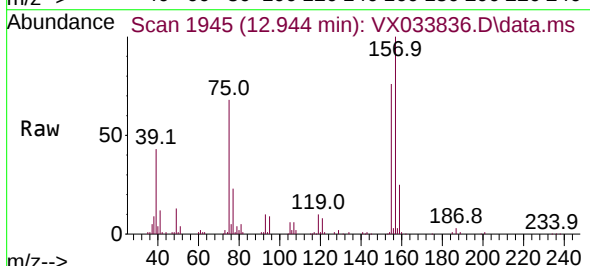
Tgt Ion:146 Resp: 187120
Ion Ratio Lower Upper
146 100
111 37.5 19.3 57.8
148 63.5 32.3 96.9

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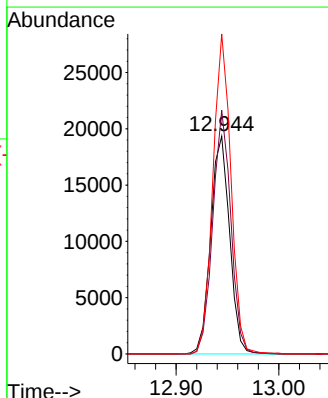
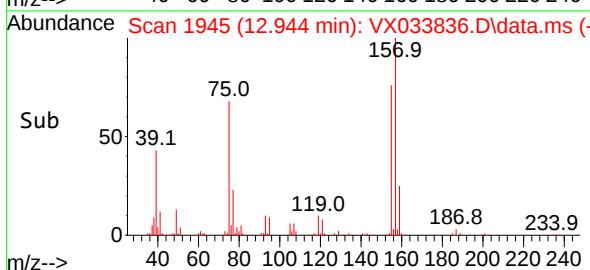
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

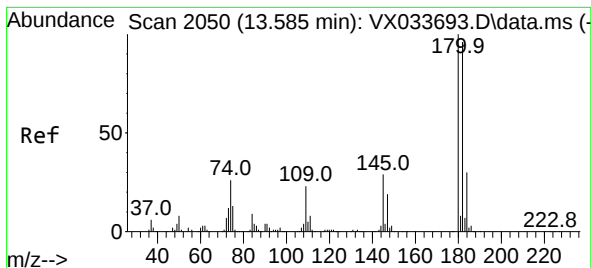


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.785 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04



Tgt Ion: 75 Resp: 24738
Ion Ratio Lower Upper
75 100
155 107.0 51.7 155.1
157 140.1 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 51.622 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

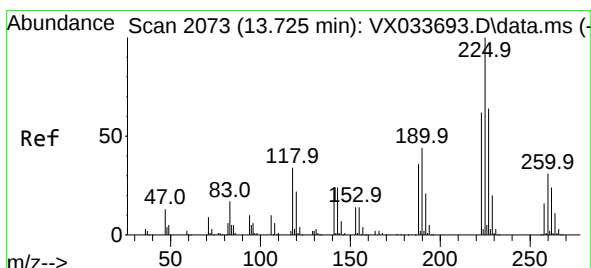
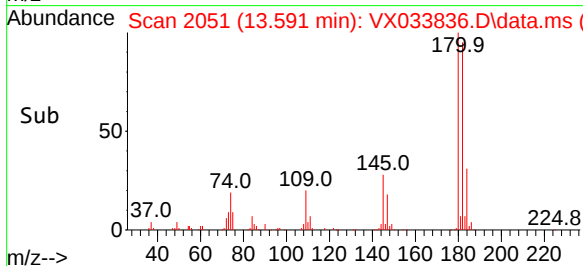
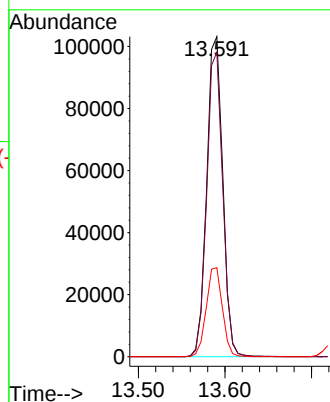
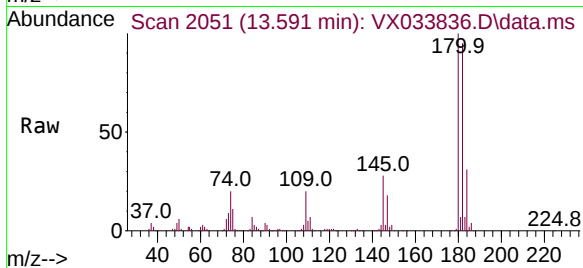
Tgt Ion:180 Resp: 132730
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.6
 145 28.0 14.1 42.2

Manual Integrations

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Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#94

Hexachlorobutadiene

Concen: 50.942 ug/l

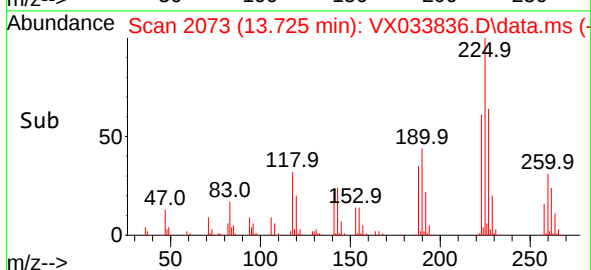
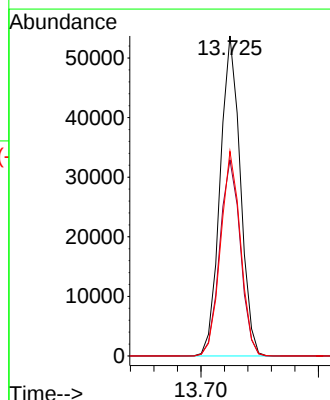
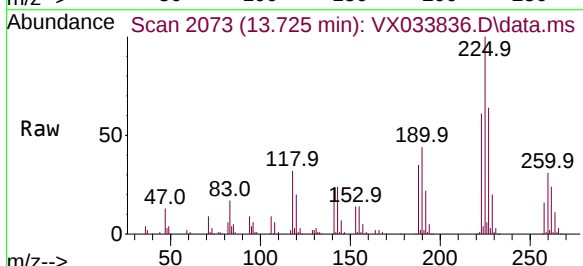
RT: 13.725 min Scan# 2073

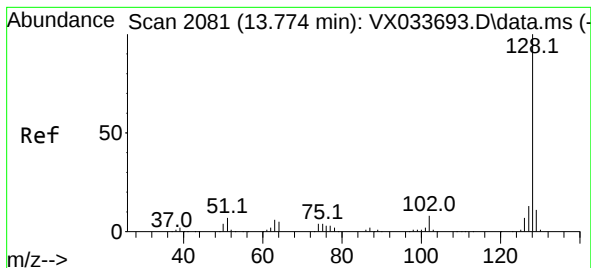
Delta R.T. -0.000 min

Lab File: VX033836.D

Acq: 23 Jan 2023 10:04

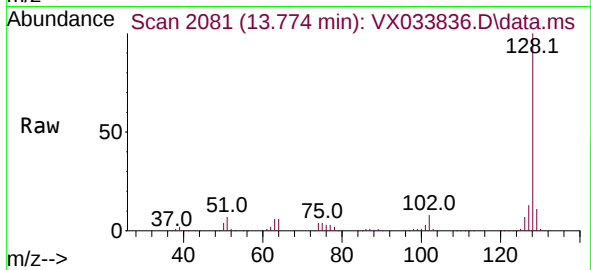
Tgt Ion:225 Resp: 64161
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.9
 227 63.0 32.3 96.9





#95
Naphthalene
Concen: 50.820 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

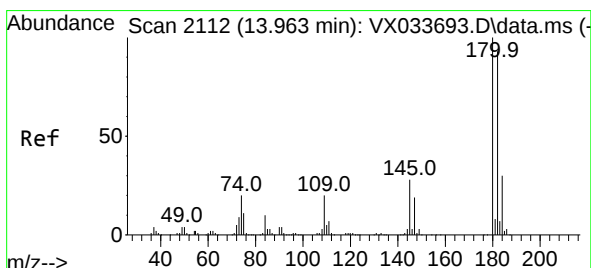
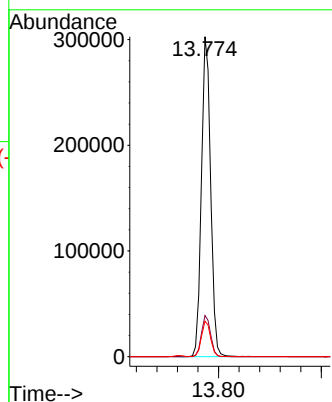
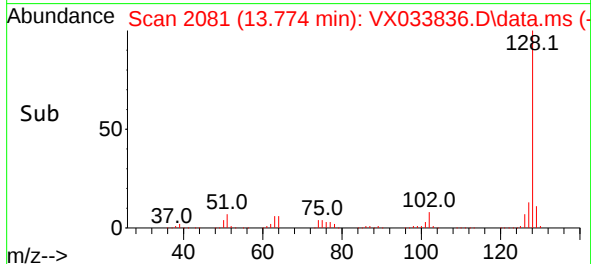
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 37592
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.886 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033836.D
Acq: 23 Jan 2023 10:04

Tgt Ion:180 Resp: 130918
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.9
145 29.4 15.1 45.3

