

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX033007.D
 Acq On : 23 Nov 2022 02:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 23 05:53:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201237	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62246	50.763	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.520%		
35) Dibromofluoromethane	5.385	113	52401	46.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.380%		
50) Toluene-d8	8.647	98	166761	48.802	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.600%		
62) 4-Bromofluorobenzene	11.079	95	73060	49.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45383	47.293	ug/l	100
3) Chloromethane	1.294	50	48064	46.395	ug/l	95
4) Vinyl Chloride	1.374	62	55525	48.136	ug/l	100
5) Bromomethane	1.617	94	24831	29.030	ug/l	98
6) Chloroethane	1.691	64	50048	53.296	ug/l	99
7) Trichlorofluoromethane	1.892	101	113459	50.680	ug/l	97
8) Diethyl Ether	2.136	74	36489	51.770	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	58527	49.738	ug/l	100
10) Methyl Iodide	2.453	142	46584	34.582	ug/l	100
11) Tert butyl alcohol	3.020	59	58882m	303.664	ug/l	
12) 1,1-Dichloroethene	2.325	96	55977	51.068	ug/l	100
13) Acrolein	2.239	56	35746	160.491	ug/l	100
14) Allyl chloride	2.666	41	88946	50.262	ug/l	99
15) Acrylonitrile	3.068	53	148583	270.912	ug/l	99
16) Acetone	2.398	43	129732	227.094	ug/l	95
17) Carbon Disulfide	2.514	76	143488	47.381	ug/l	100
18) Methyl Acetate	2.709	43	84032	53.139	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	196283	51.633	ug/l	98
20) Methylene Chloride	2.788	84	62180	52.372	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	62288	49.677	ug/l	98
22) Diisopropyl ether	3.757	45	204475	53.064	ug/l #	86
23) Vinyl Acetate	3.721	43	812505	269.373	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112139	50.856	ug/l	99
25) 2-Butanone	4.568	43	208095	264.170	ug/l	97
26) 2,2-Dichloropropane	4.477	77	79775	44.994	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	73117	51.324	ug/l	100
28) Bromochloromethane	4.903	49	50156	51.766	ug/l	98
29) Tetrahydrofuran	5.013	42	137591	275.266	ug/l	100
30) Chloroform	5.092	83	127178	51.496	ug/l	97
31) Cyclohexane	5.470	56	100043	50.476	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	114799	51.905	ug/l	99
36) 1,1-Dichloropropene	5.696	75	90412	49.840	ug/l	99
37) Ethyl Acetate	4.714	43	85613	54.096	ug/l	98
38) Carbon Tetrachloride	5.678	117	102258	50.815	ug/l	96
39) Methylcyclohexane	7.379	83	104121	50.306	ug/l	98
40) Benzene	6.037	78	259870	51.094	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47507	53.348	ug/l	97
42) 1,2-Dichloroethane	6.086	62	107289	52.391	ug/l	100
43) Isopropyl Acetate	6.342	43	139013	53.112	ug/l	99
44) Trichloroethene	7.129	130	73181	51.276	ug/l	96
45) 1,2-Dichloropropane	7.434	63	66029	52.532	ug/l	99
46) Dibromomethane	7.580	93	50428	51.417	ug/l	99
47) Bromodichloromethane	7.824	83	99548	52.529	ug/l	98
48) Methyl methacrylate	7.690	41	72195	53.587	ug/l	99
49) 1,4-Dioxane	7.720	88	29030	1170.562	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	446988	276.759	ug/l	99
52) Toluene	8.720	92	172413	51.526	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	99045	48.682	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	105861	51.816	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	69477	50.999	ug/l	98
56) Ethyl methacrylate	9.116	69	103274	55.020	ug/l	99
57) 1,3-Dichloropropane	9.311	76	113459	51.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	234659	263.268	ug/l	100
59) 2-Hexanone	9.433	43	334535	280.394	ug/l	100
60) Dibromochloromethane	9.525	129	78525	53.537	ug/l	99
61) 1,2-Dibromoethane	9.610	107	74826	52.037	ug/l	100
64) Tetrachloroethene	9.275	164	63123	47.620	ug/l	97
65) Chlorobenzene	10.079	112	187663	50.263	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	71717	52.424	ug/l	99
67) Ethyl Benzene	10.195	91	347947	52.536	ug/l	99
68) m/p-Xylenes	10.299	106	270431	104.273	ug/l	99
69) o-Xylene	10.640	106	130963	52.189	ug/l	100
70) Styrene	10.659	104	223906	54.540	ug/l	99
71) Bromoform	10.799	173	55217	52.643	ug/l #	98
73) Isopropylbenzene	10.963	105	355298	50.220	ug/l	99
74) N-amyl acetate	10.841	43	128527	53.403	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	108202	50.672	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	94625m	50.466	ug/l	
77) Bromobenzene	11.201	156	85435	49.102	ug/l	98
78) n-propylbenzene	11.305	91	414641	51.260	ug/l	99
79) 2-Chlorotoluene	11.366	91	245512	49.973	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	308521	51.910	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22671	39.302	ug/l	98
82) 4-Chlorotoluene	11.457	91	291596	50.649	ug/l	100
83) tert-Butylbenzene	11.713	119	301615	50.982	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	303000	51.128	ug/l	100
85) sec-Butylbenzene	11.890	105	363628	51.375	ug/l	100
86) p-Isopropyltoluene	12.012	119	312187	52.060	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	160775	49.264	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	163975	49.060	ug/l	99
89) n-Butylbenzene	12.335	91	266905	51.665	ug/l	100
90) Hexachloroethane	12.542	117	46404	47.101	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	157408	49.582	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23076	54.164	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	96410	49.265	ug/l	99
94) Hexachlorobutadiene	13.725	225	39473	45.720	ug/l	100
95) Naphthalene	13.774	128	328902	51.952	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	96563	49.205	ug/l	100

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VSTDCCC050EC

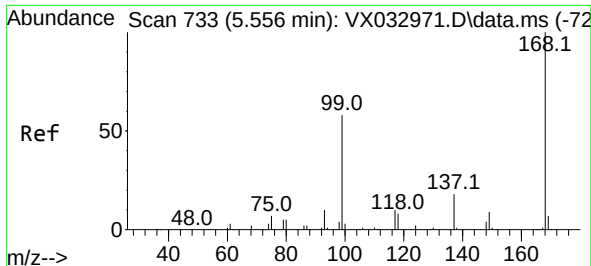
Manual Integrations
APPROVED

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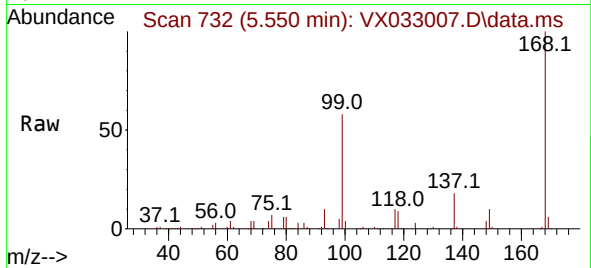
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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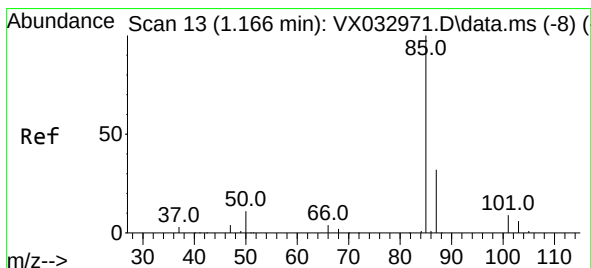
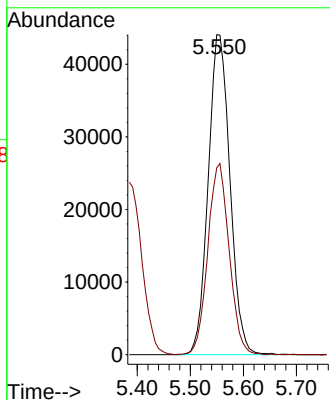
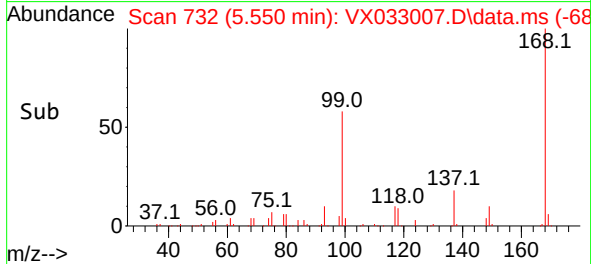
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 12560
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1

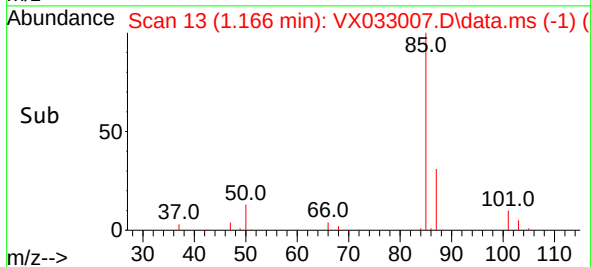
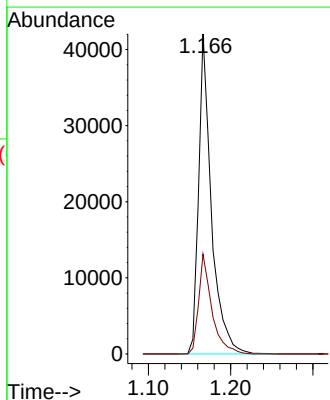
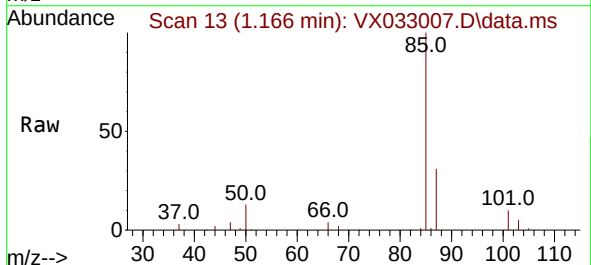
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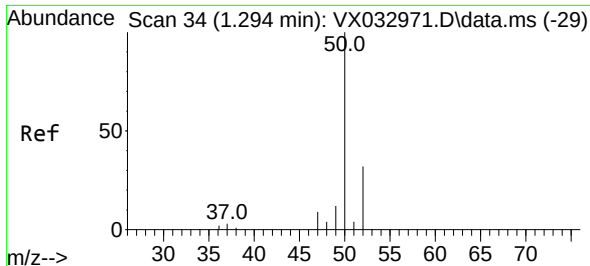
Reviewed By :John Carlone 11/23/2022
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#2
Dichlorodifluoromethane
Concen: 47.293 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Tgt Ion: 85 Resp: 45383
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.7





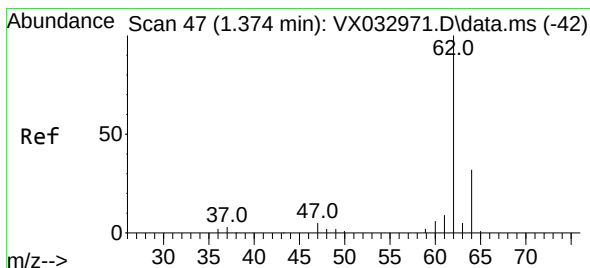
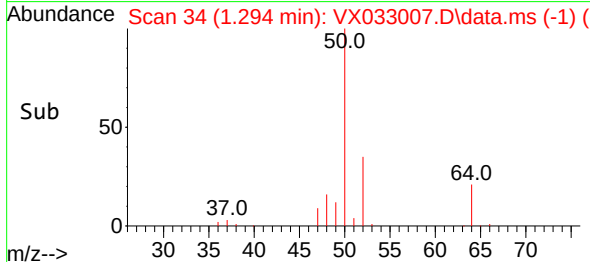
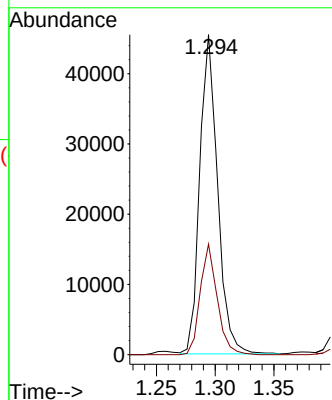
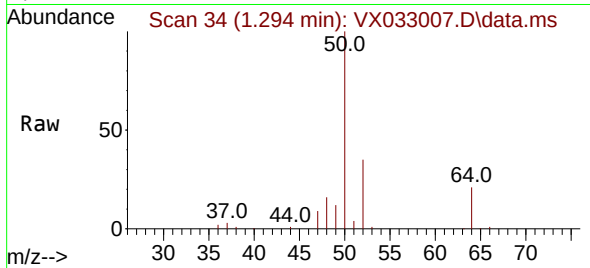
#3
Chloromethane
Concen: 46.395 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :
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Tgt Ion: 50 Resp: 48064
Ion Ratio Lower Upper
50 100
52 34.7 25.4 38.2

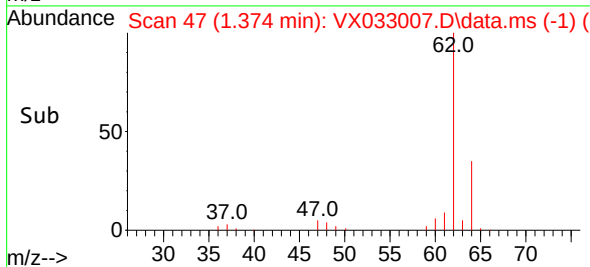
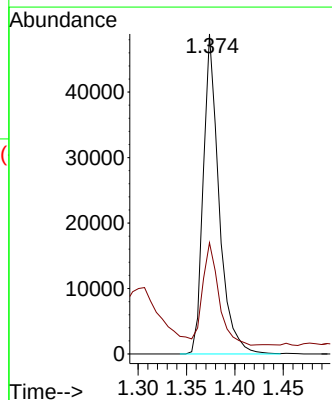
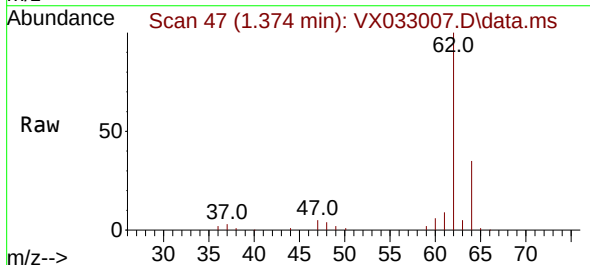
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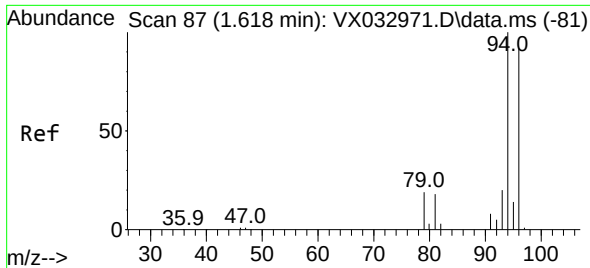
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#4
Vinyl Chloride
Concen: 48.136 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Tgt Ion: 62 Resp: 55525
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





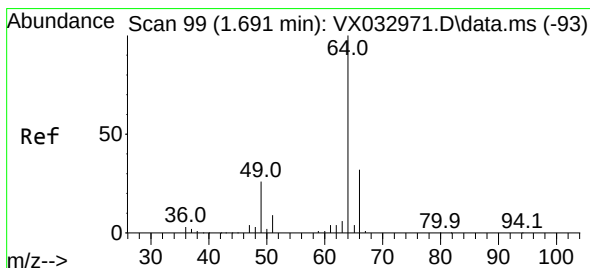
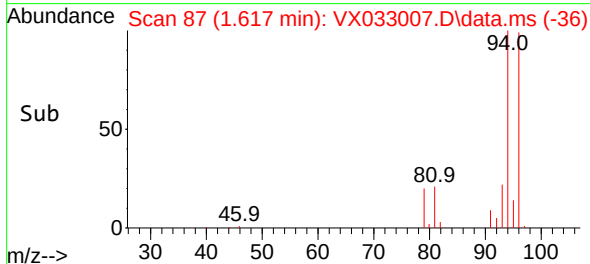
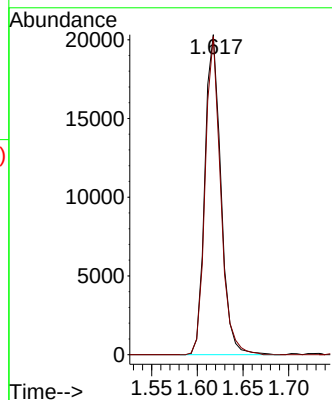
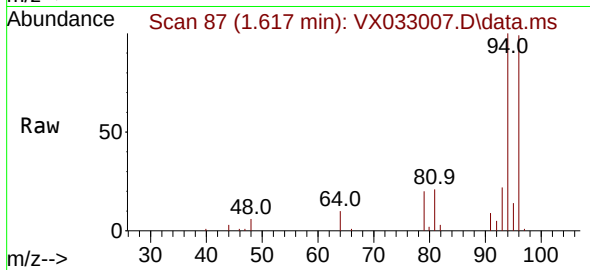
#5
Bromomethane
Concen: 29.030 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 2483
Ion Ratio Lower Upper
94 100
96 99.4 77.6 116.4

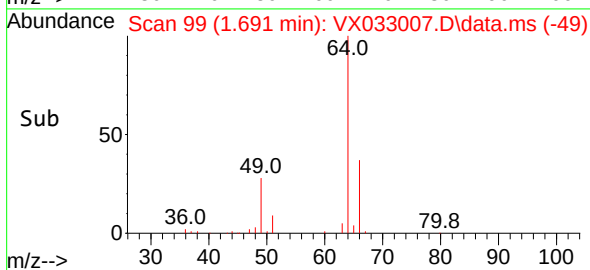
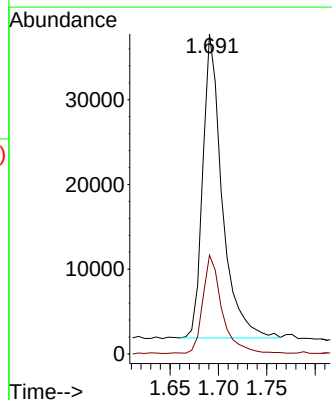
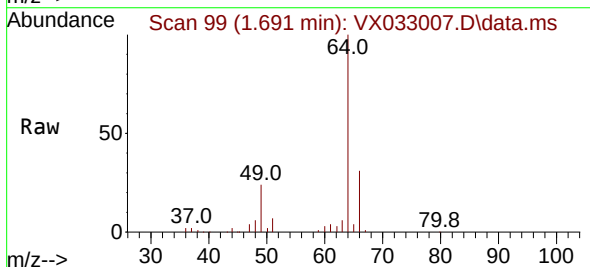
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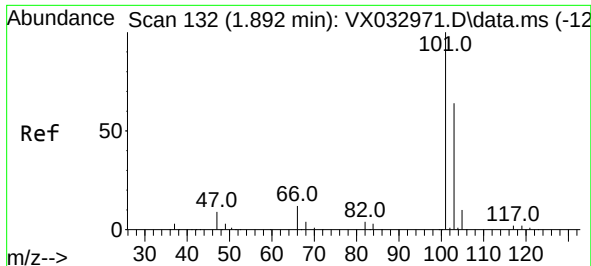
Reviewed By :John Carlone 11/23/2022
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#6
Chloroethane
Concen: 53.296 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033007.D
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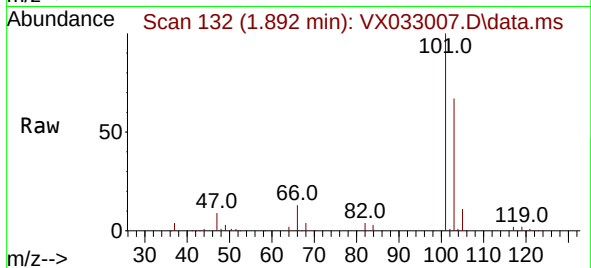
Tgt Ion: 64 Resp: 50048
Ion Ratio Lower Upper
64 100
66 32.2 26.0 39.0





#7
Trichlorofluoromethane
Concen: 50.680 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
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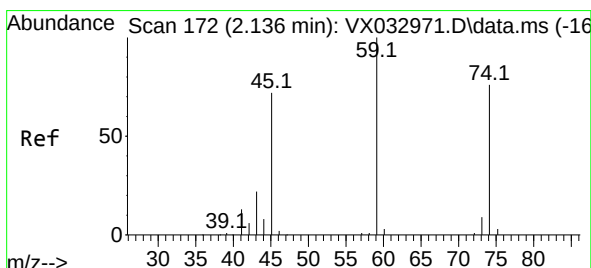
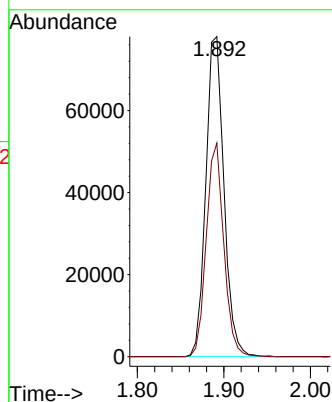
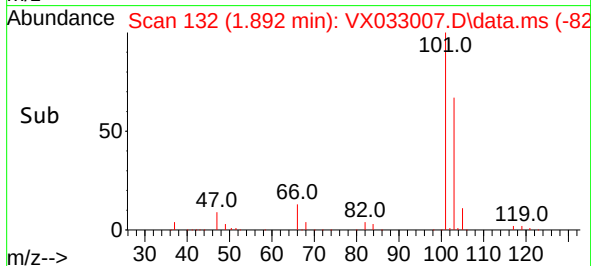
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 113459
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.2

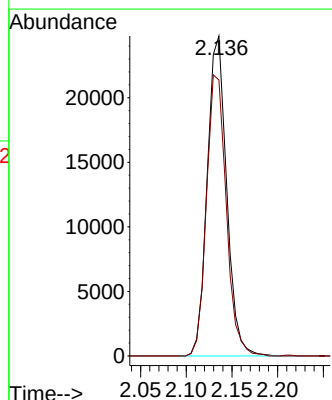
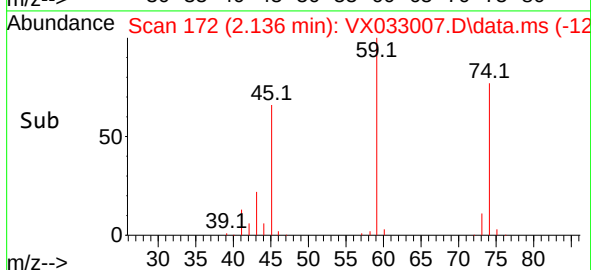
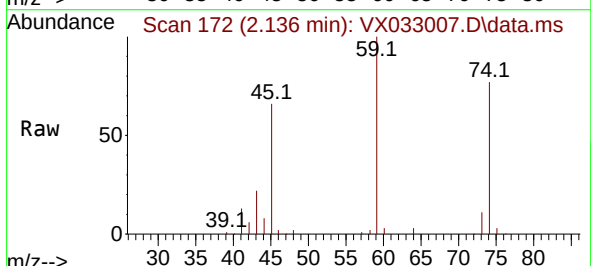
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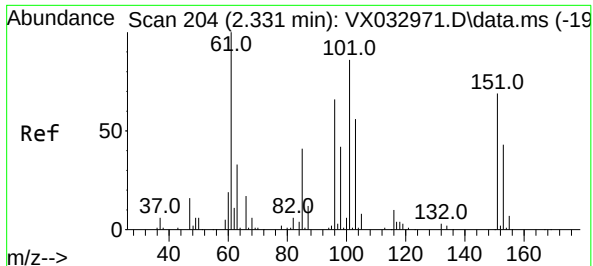
Reviewed By :John Carlone 11/23/2022
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#8
Diethyl Ether
Concen: 51.770 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 36489
Ion Ratio Lower Upper
74 100
45 89.6 46.6 139.7





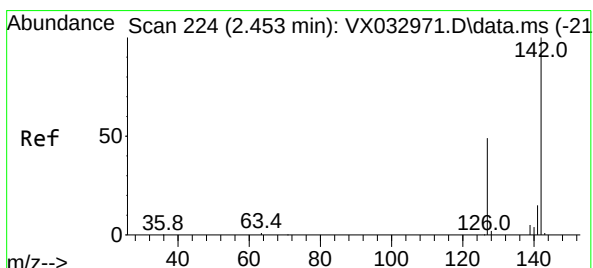
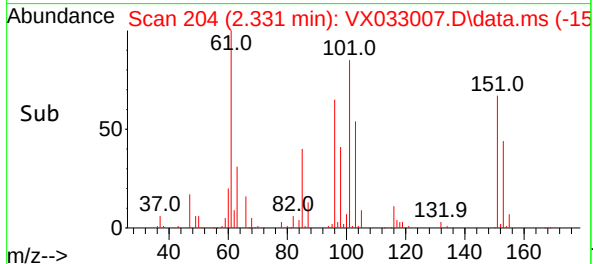
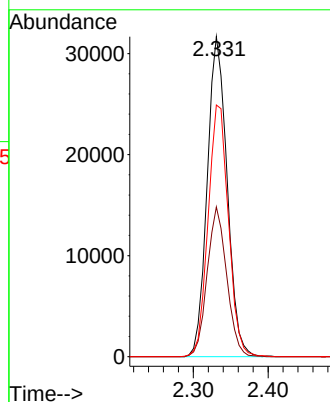
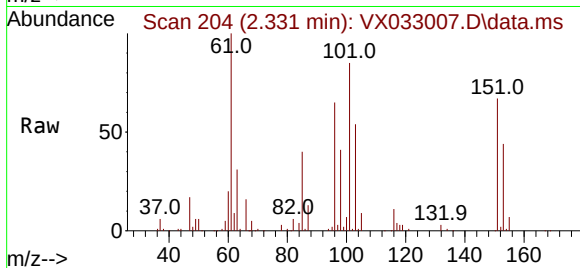
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.738 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033007.D
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Tgt Ion:101 Resp: 5852
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.4
151 80.4 64.4 96.6

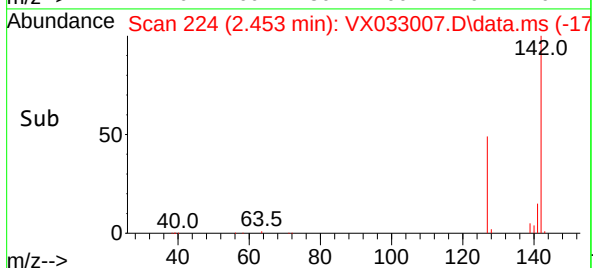
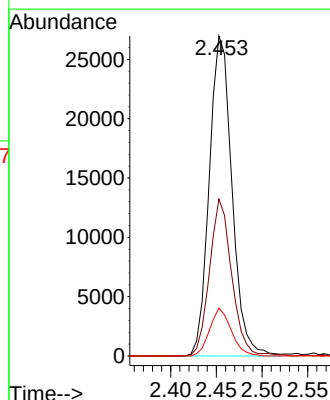
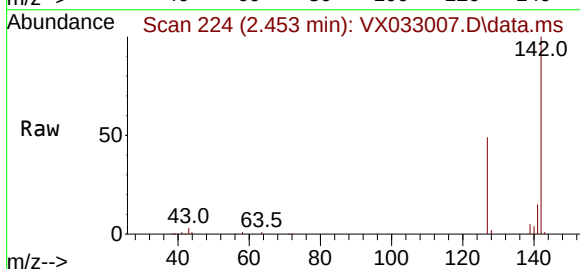
Manual Integrations
APPROVED

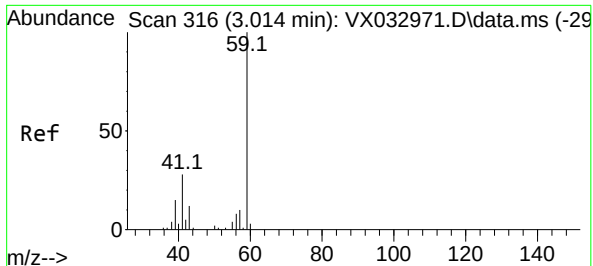
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#10
Methyl Iodide
Concen: 34.582 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Tgt Ion:142 Resp: 46584
Ion Ratio Lower Upper
142 100
127 47.9 38.6 57.8
141 14.2 11.4 17.2





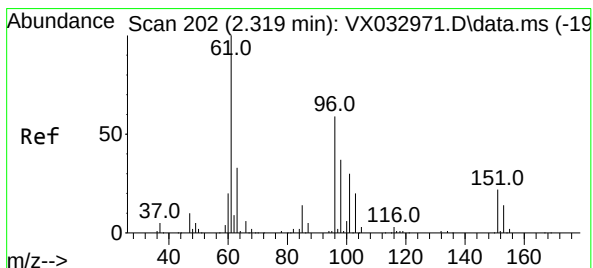
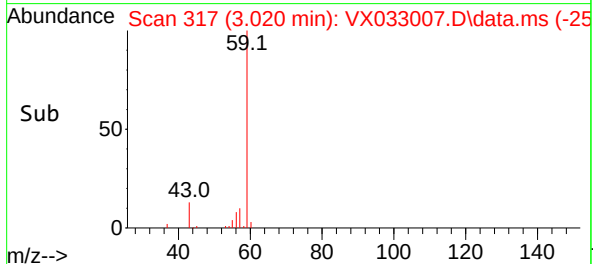
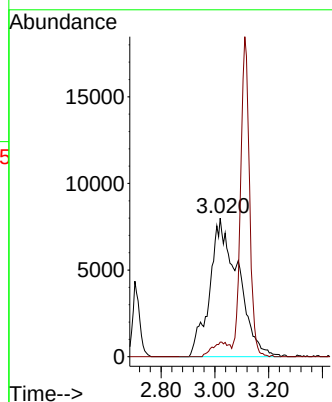
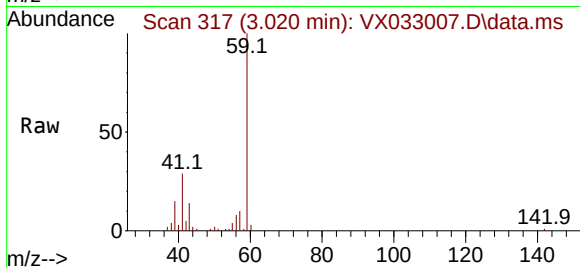
#11
Tert butyl alcohol
Concen: 303.664 ug/l m
RT: 3.020 min Scan# 316
Delta R.T. 0.055 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 5888
Ion Ratio Lower Upper
59 100
57 6.3 8.2 12.4

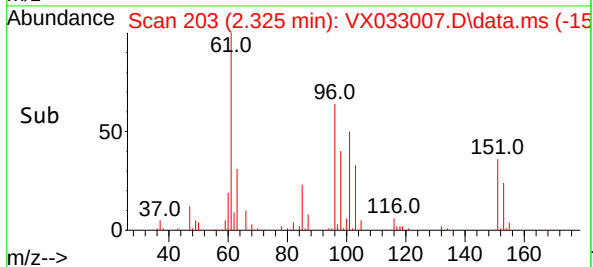
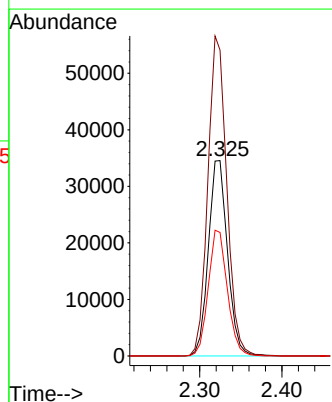
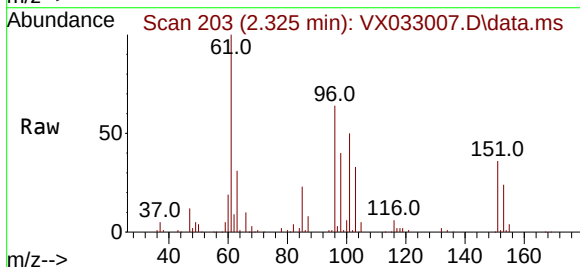
Manual Integrations
APPROVED

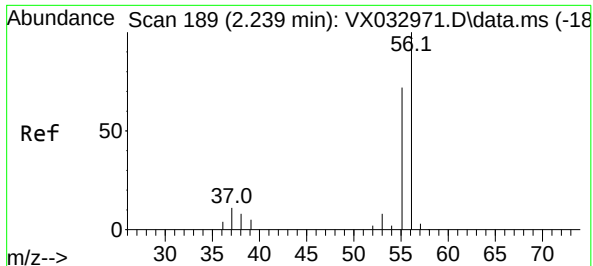
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#12
1,1-Dichloroethene
Concen: 51.068 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

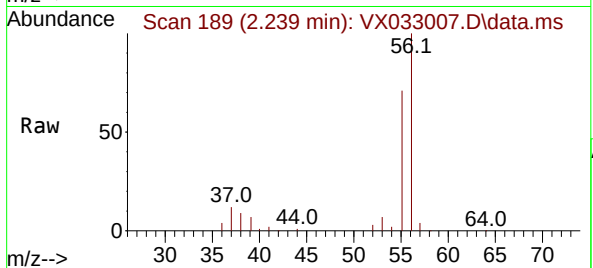
Tgt Ion: 96 Resp: 55977
Ion Ratio Lower Upper
96 100
61 156.5 125.1 187.7
98 63.2 50.6 76.0





#13
Acrolein
Concen: 160.491 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

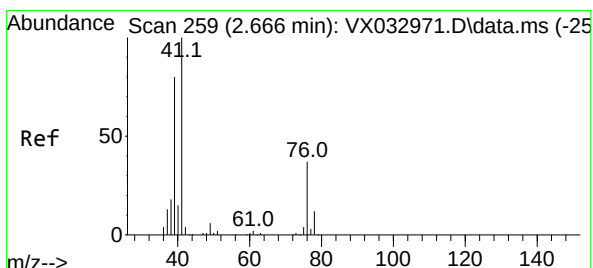
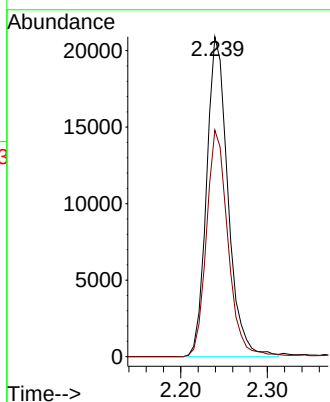
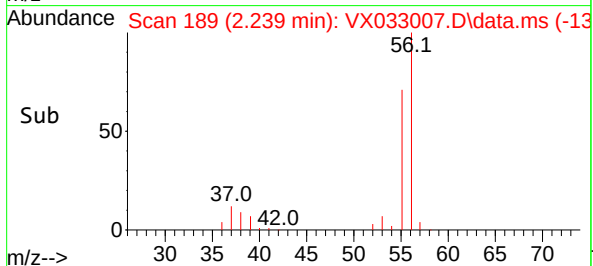
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 35740
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3

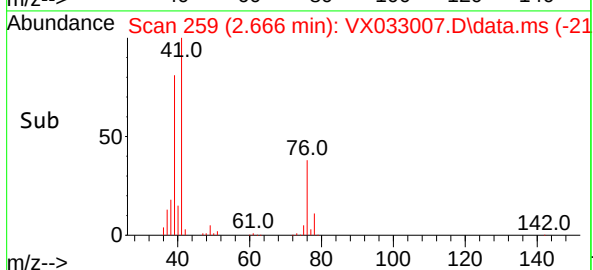
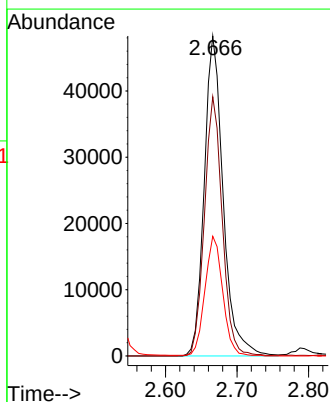
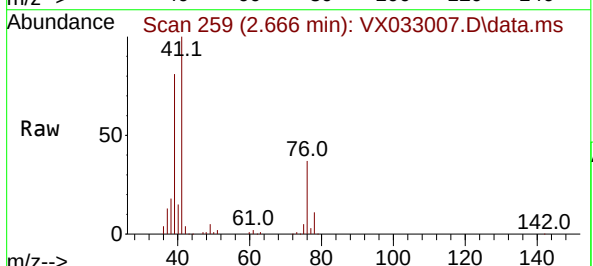
Manual Integrations
APPROVED

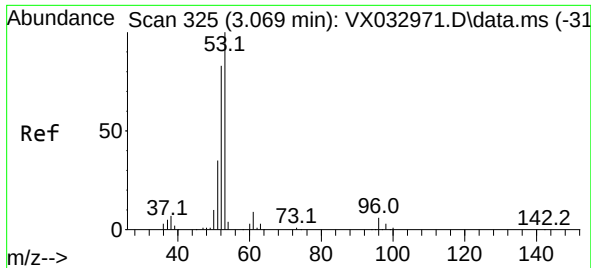
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#14
Allyl chloride
Concen: 50.262 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

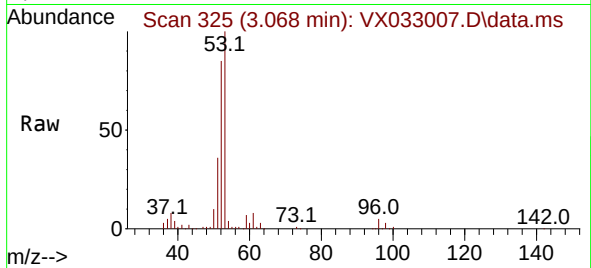
Tgt Ion: 41 Resp: 88946
Ion Ratio Lower Upper
41 100
39 76.1 61.4 92.2
76 35.2 29.2 43.8





#15
Acrylonitrile
Concen: 270.912 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

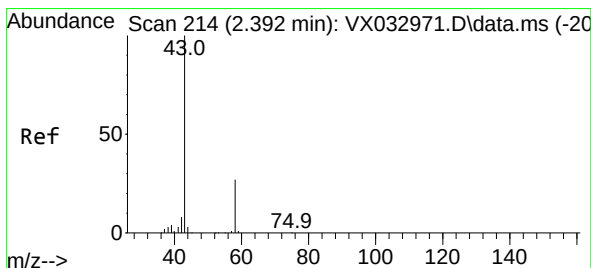
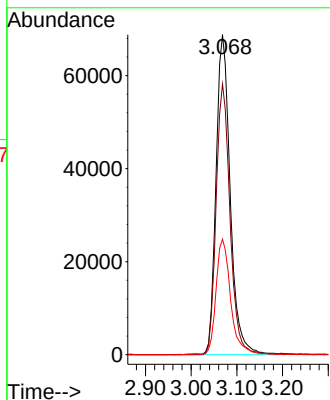
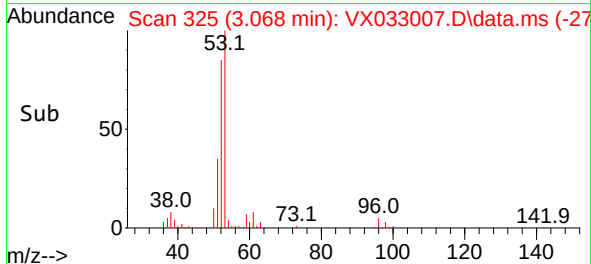
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



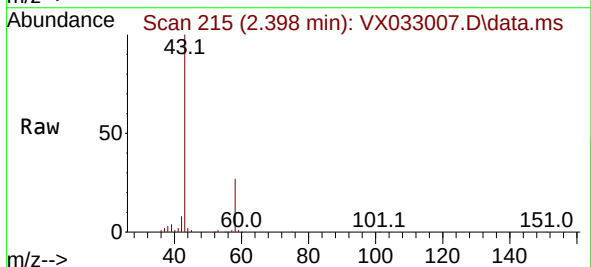
Tgt Ion: 53 Resp: 14858
Ion Ratio Lower Upper
53 100
52 82.9 67.4 101.0
51 37.3 30.3 45.5

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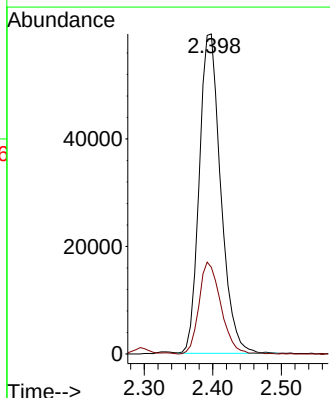
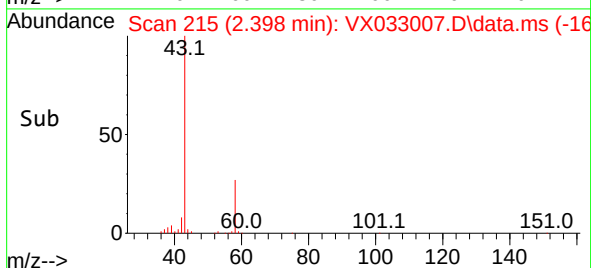
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

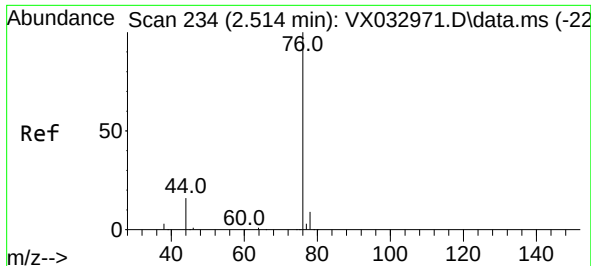


#16
Acetone
Concen: 227.094 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



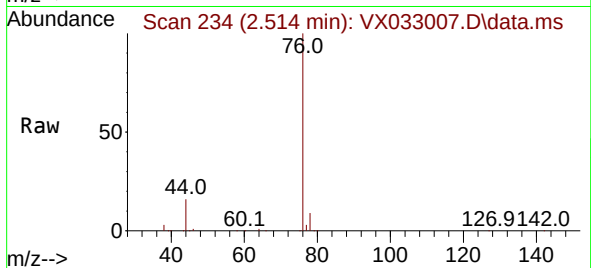
Tgt Ion: 43 Resp: 129732
Ion Ratio Lower Upper
43 100
58 27.1 23.8 35.8





#17
Carbon Disulfide
Concen: 47.381 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

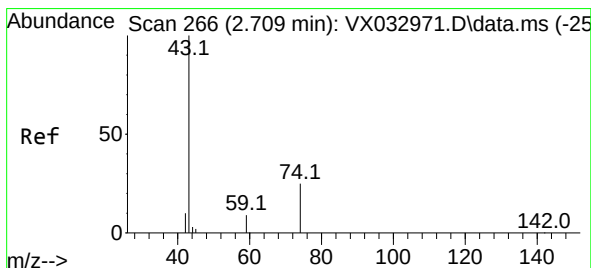
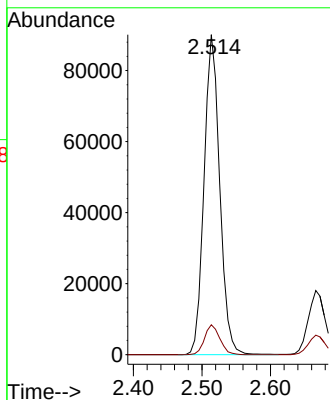
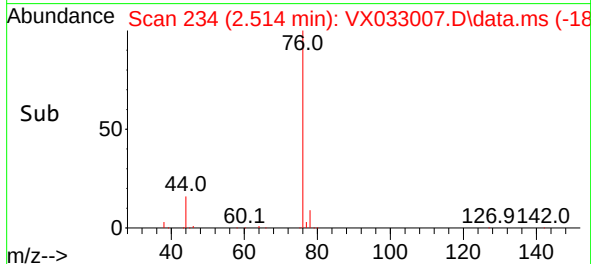
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 14348
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

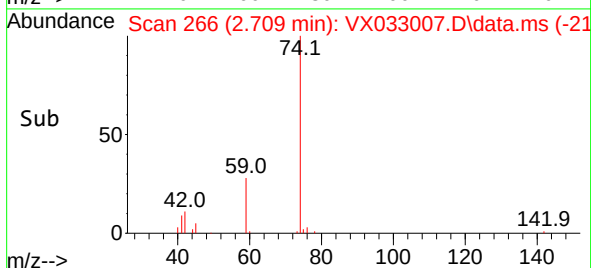
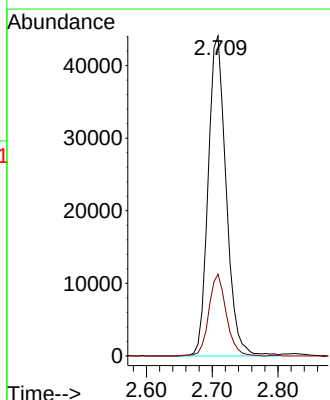
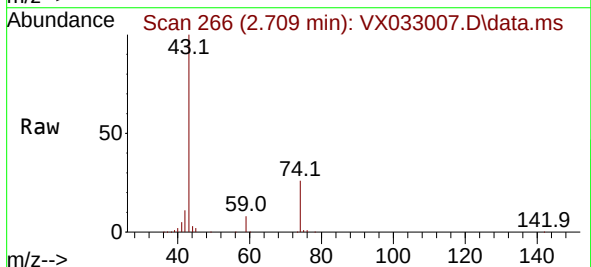
Manual Integrations
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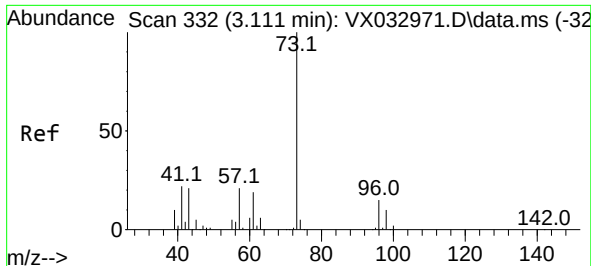
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#18
Methyl Acetate
Concen: 53.139 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Tgt Ion: 43 Resp: 84032
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 51.633 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 19628

Ion Ratio Lower Upper

73 100

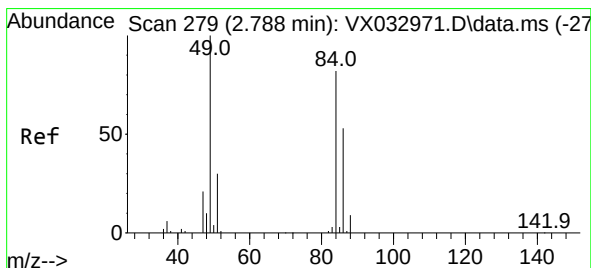
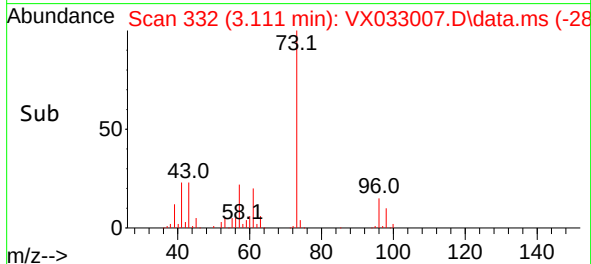
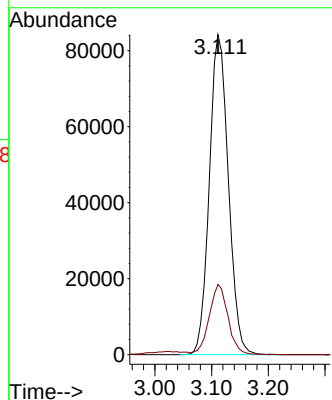
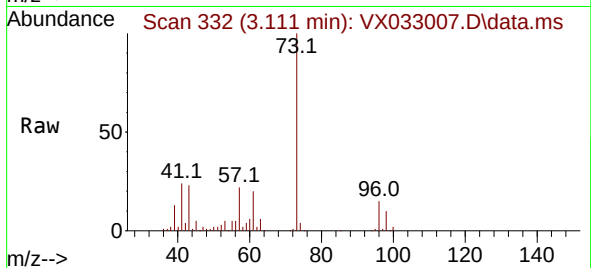
57 21.9 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#20

Methylene Chloride

Concen: 52.372 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Tgt Ion: 84 Resp: 62180

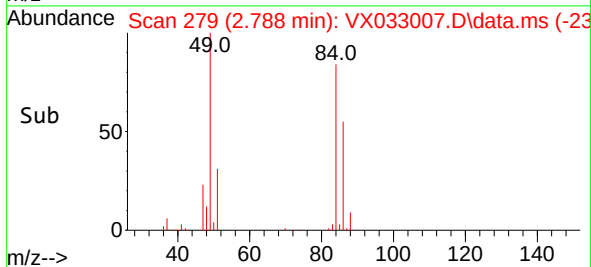
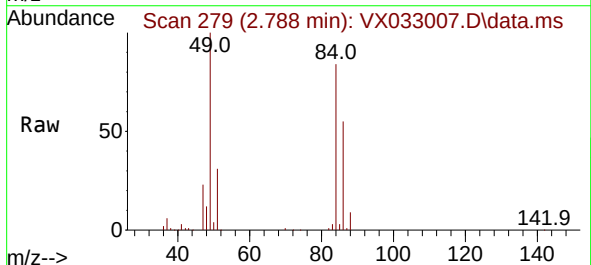
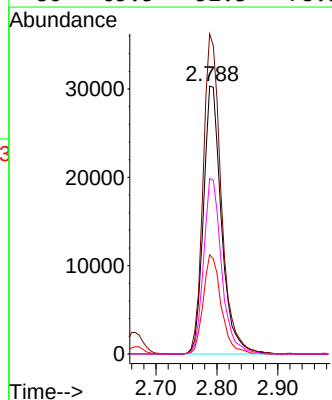
Ion Ratio Lower Upper

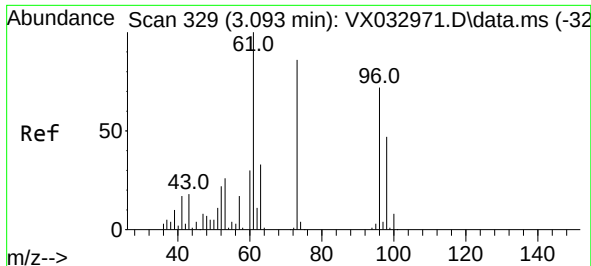
84 100

49 119.5 101.0 151.6

51 37.0 31.1 46.7

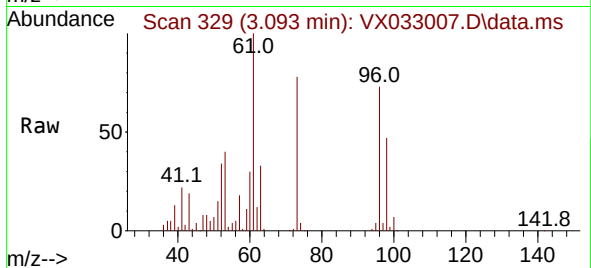
86 65.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.677 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

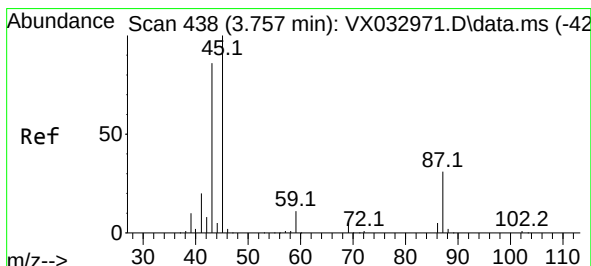
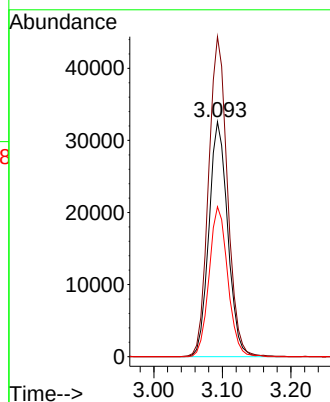
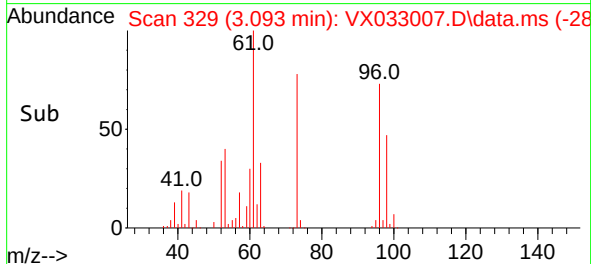
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 6228
Ion Ratio Lower Upper
96 100
61 136.2 106.6 160.0
98 63.8 51.0 76.6

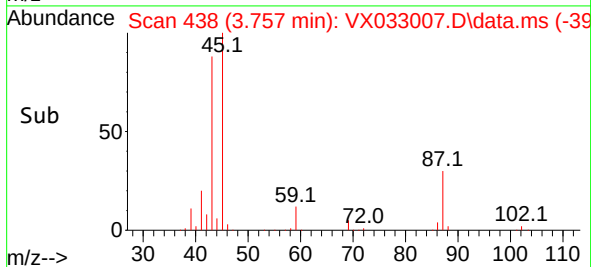
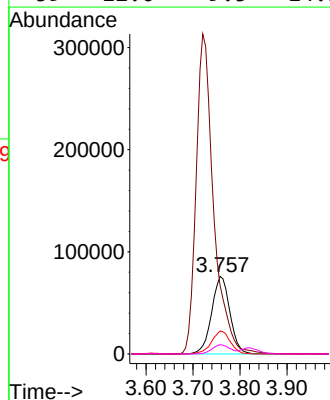
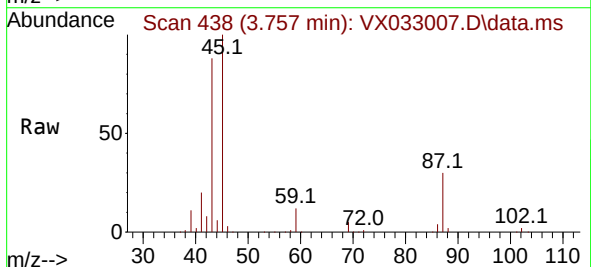
Manual Integrations
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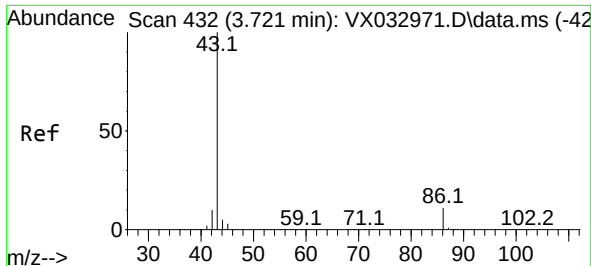
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#22
Diisopropyl ether
Concen: 53.064 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

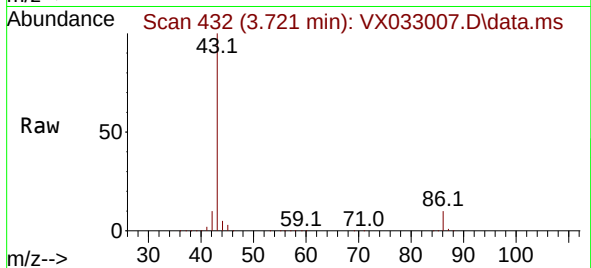
Tgt Ion: 45 Resp: 204475
Ion Ratio Lower Upper
45 100
43 88.2 56.4 84.6#
87 29.8 24.4 36.6
59 12.0 9.5 14.3





#23
 Vinyl Acetate
 Concen: 269.373 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033007.D
 Acq: 23 Nov 2022 02:26

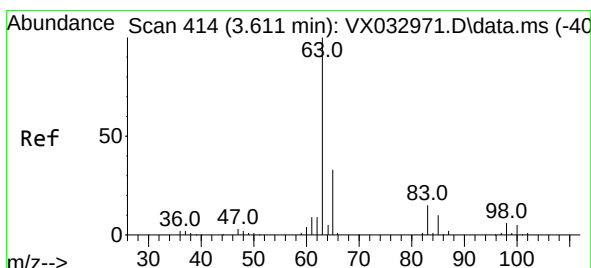
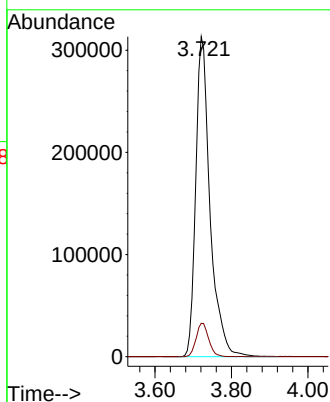
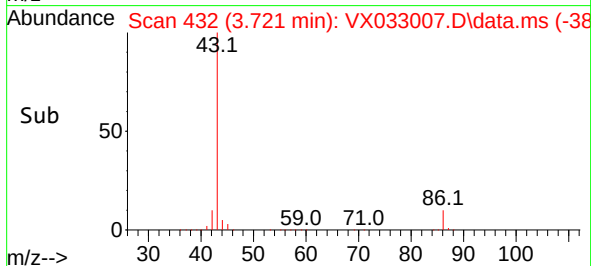
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



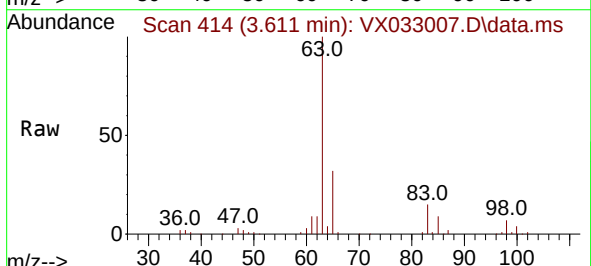
Tgt Ion: 43 Resp: 81250
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

Manual Integrations
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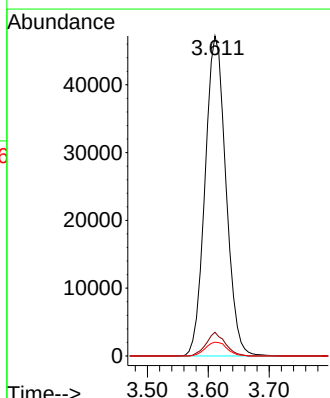
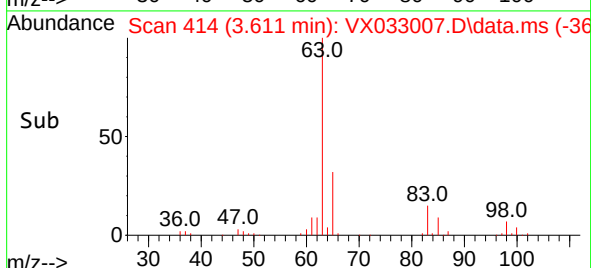
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022

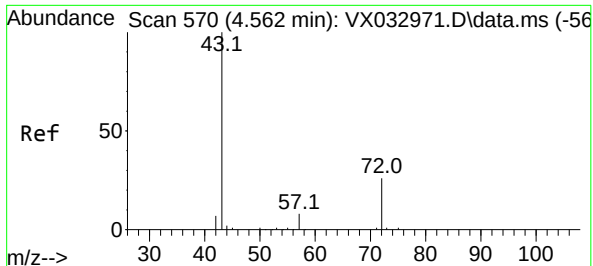


#24
 1,1-Dichloroethane
 Concen: 50.856 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033007.D
 Acq: 23 Nov 2022 02:26



Tgt Ion: 63 Resp: 112139
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 264.170 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 20809

Ion Ratio Lower Upper

43 100

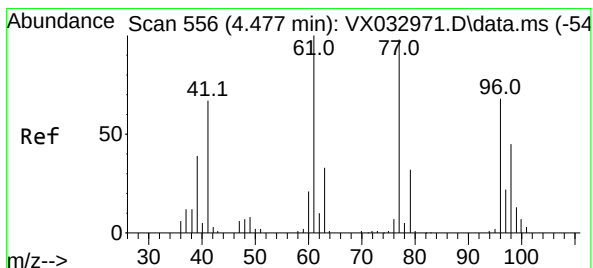
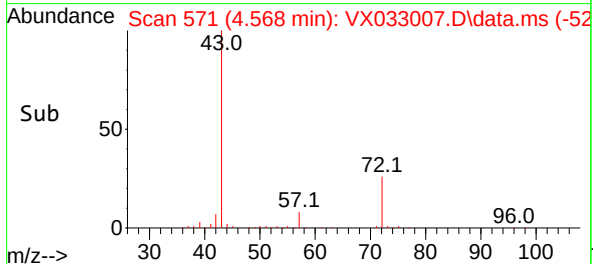
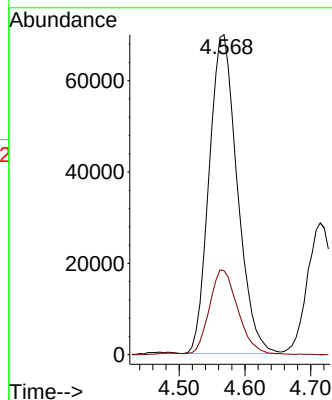
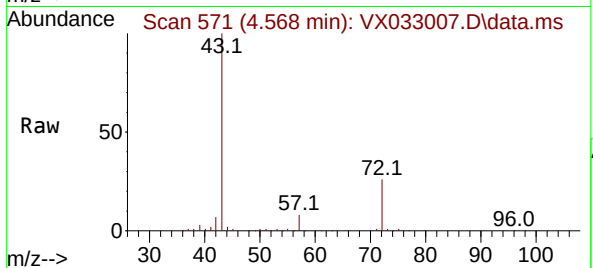
72 26.0 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#26

2,2-Dichloropropane

Concen: 44.994 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX033007.D

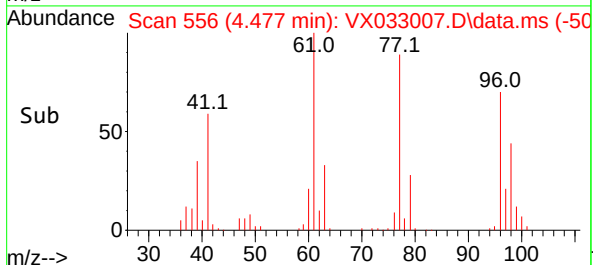
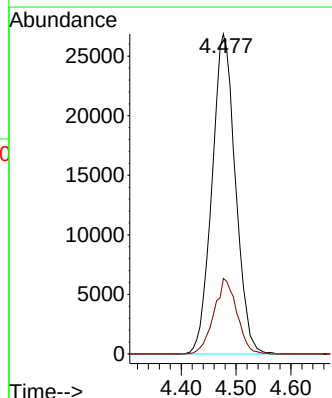
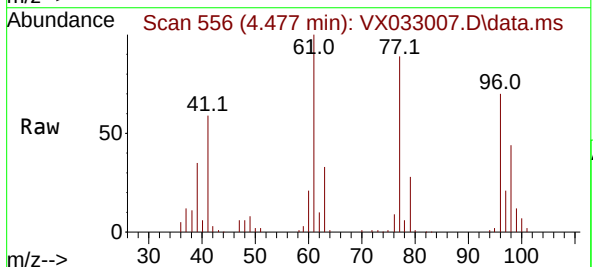
Acq: 23 Nov 2022 02:26

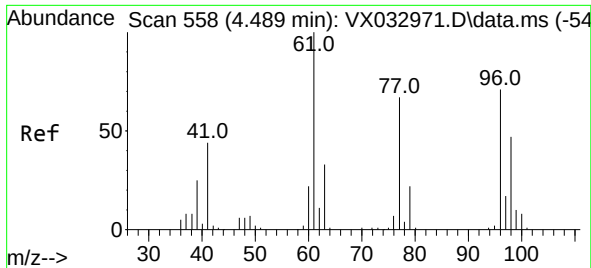
Tgt Ion: 77 Resp: 79775

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.324 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX033007.D
 Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

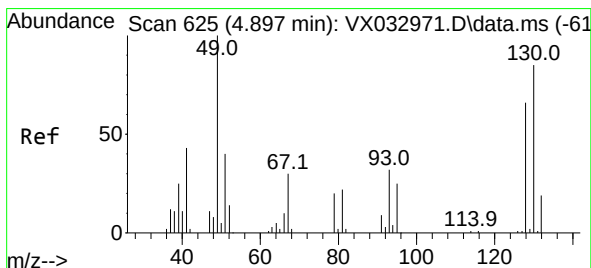
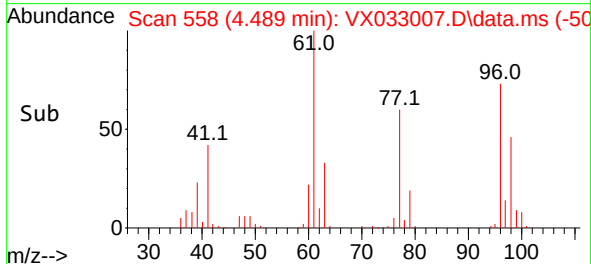
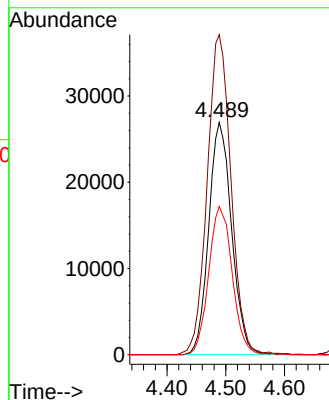
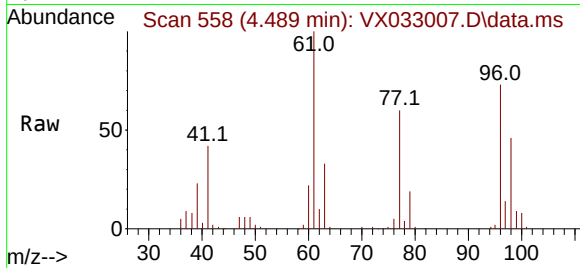
VSTDCCC050EC

Tgt Ion: 96 Resp: 7311
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 286.0
 98 65.3 0.0 129.6

Manual Integrations

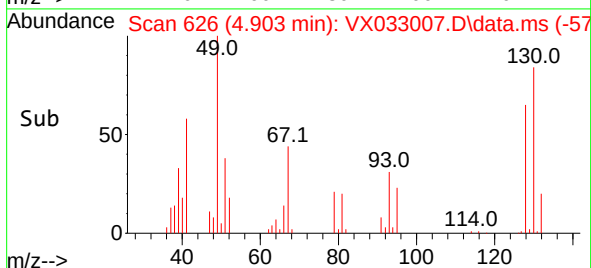
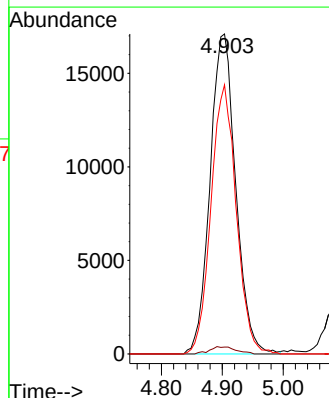
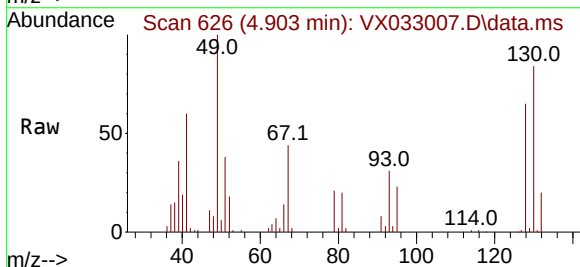
APPROVED

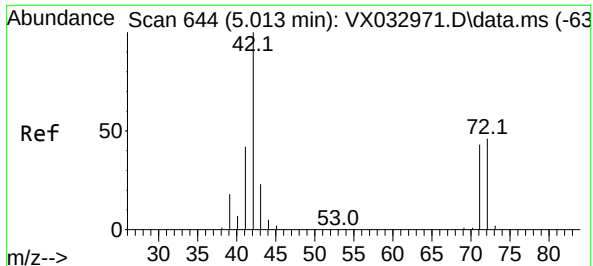
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#28
 Bromochloromethane
 Concen: 51.766 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.001 min
 Lab File: VX033007.D
 Acq: 23 Nov 2022 02:26

Tgt Ion: 49 Resp: 50156
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 82.6 67.5 101.3





#29

Tetrahydrofuran

Concen: 275.266 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 13759

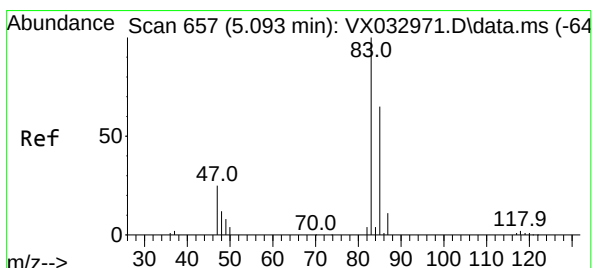
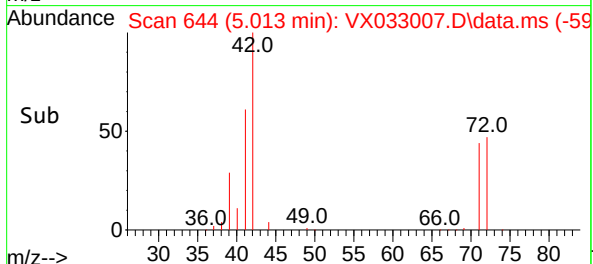
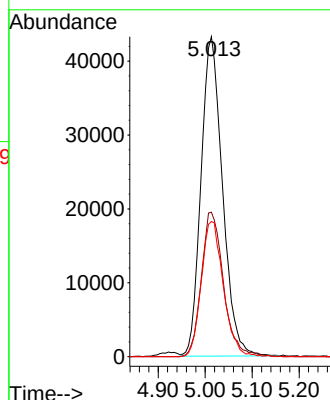
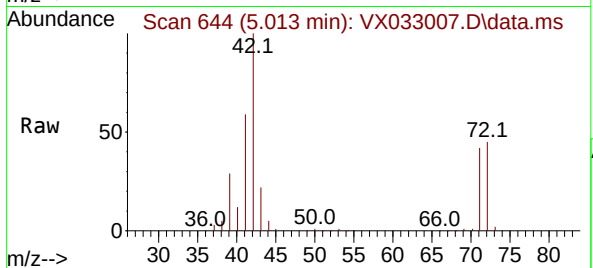
Ion	Ratio	Lower	Upper
42	100		
72	46.5	37.6	56.4
71	43.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#30

Chloroform

Concen: 51.496 ug/l

RT: 5.092 min Scan# 657

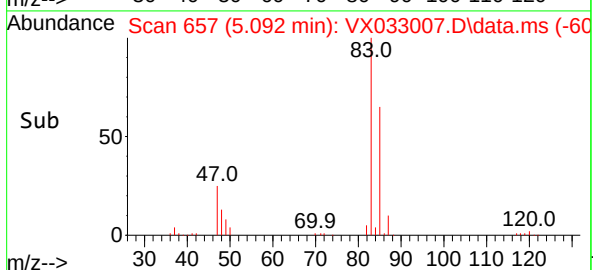
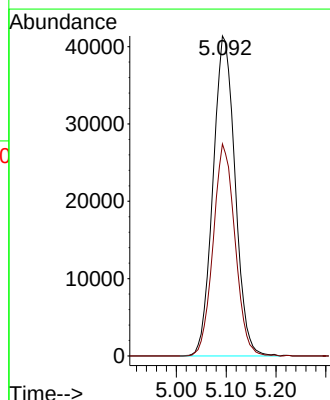
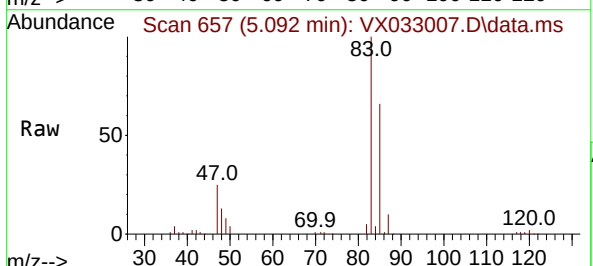
Delta R.T. -0.007 min

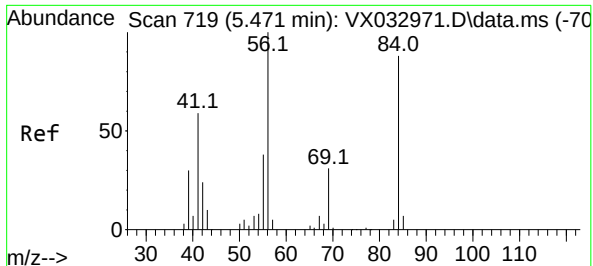
Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Tgt Ion: 83 Resp: 127178

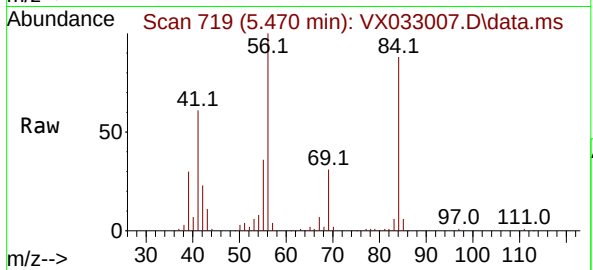
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.1	76.7





#31
Cyclohexane
Concen: 50.476 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

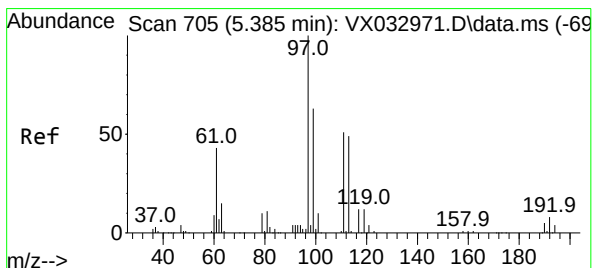
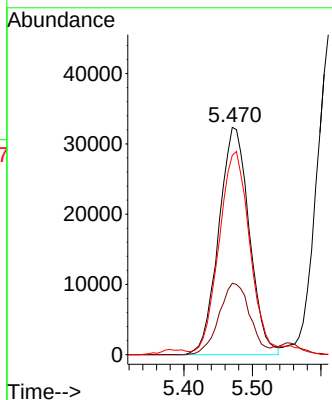
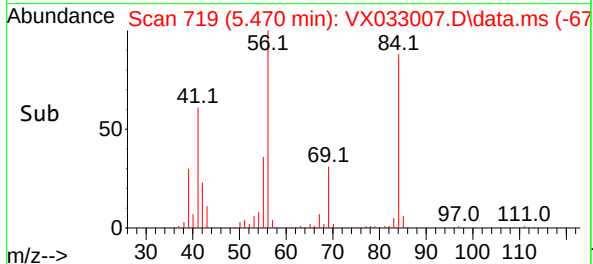
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



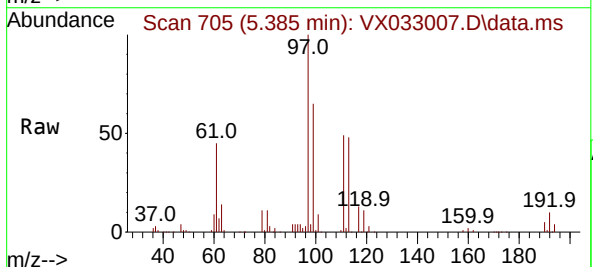
Tgt Ion: 56 Resp: 10004
Ion Ratio Lower Upper
56 100
69 31.4 24.1 36.1
84 85.7 66.9 100.3

Manual Integrations
APPROVED

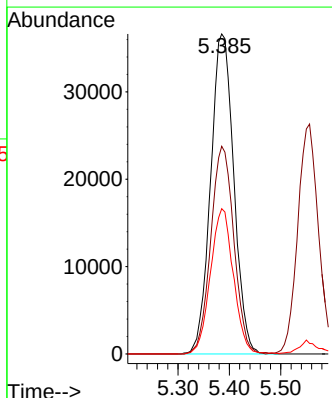
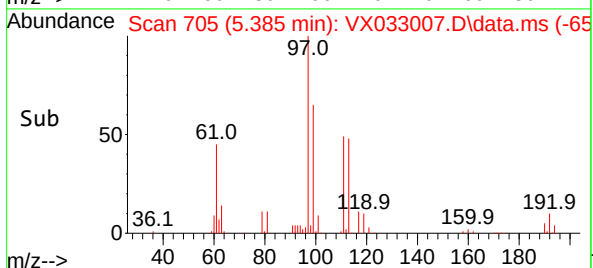
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

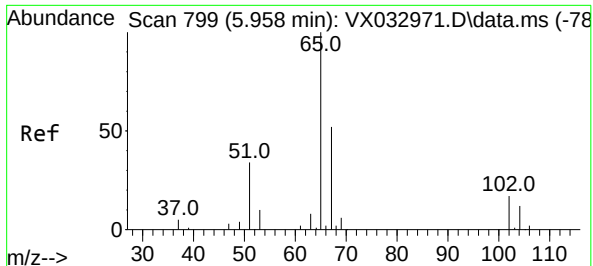


#32
1,1,1-Trichloroethane
Concen: 51.905 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



Tgt Ion: 97 Resp: 114799
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 45.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.763 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 62240

Ion Ratio Lower Upper

65 100

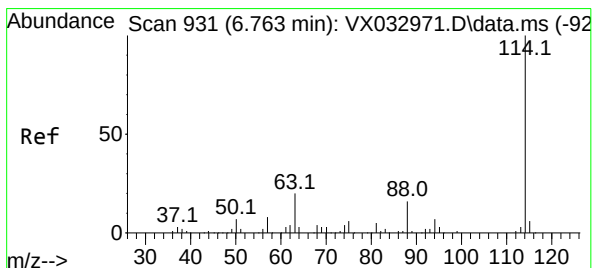
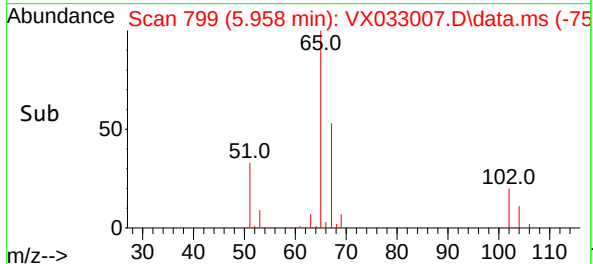
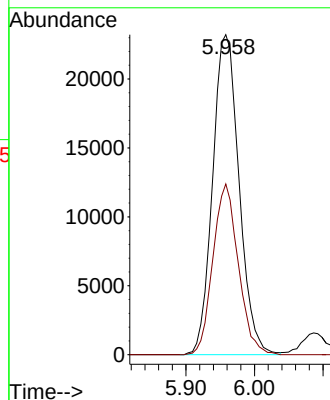
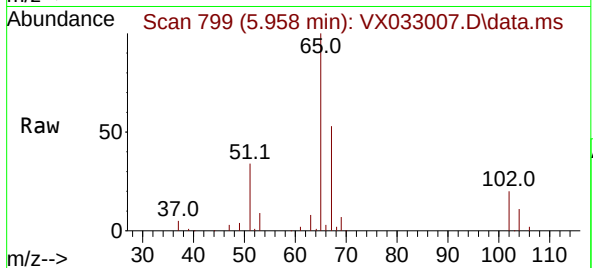
67 51.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

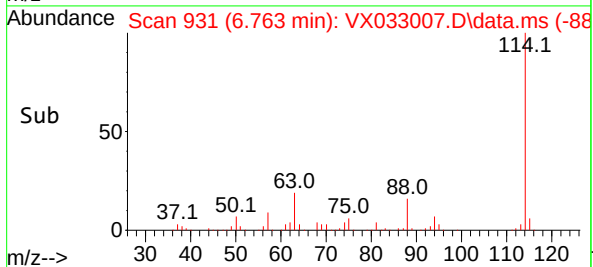
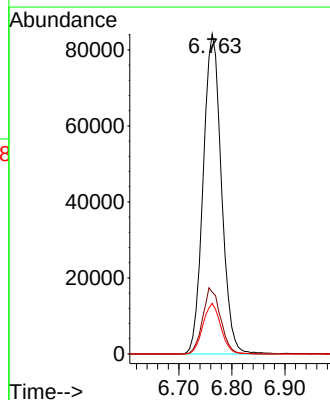
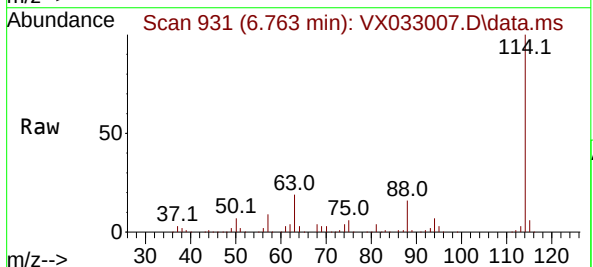
Tgt Ion:114 Resp: 201237

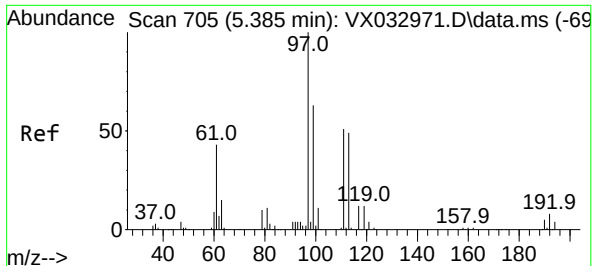
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

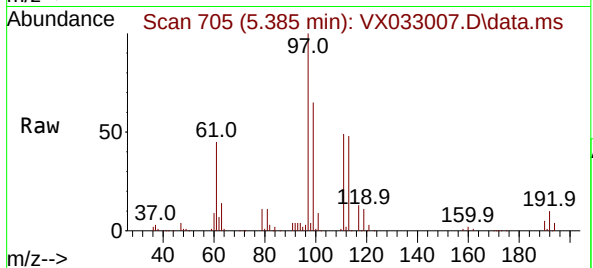
88 15.8 0.0 33.4





#35
Dibromofluoromethane
Concen: 46.189 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

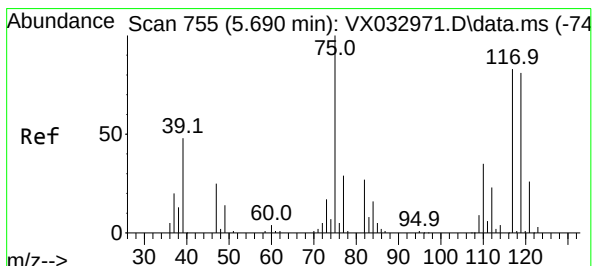
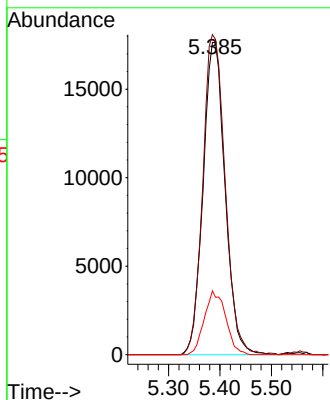
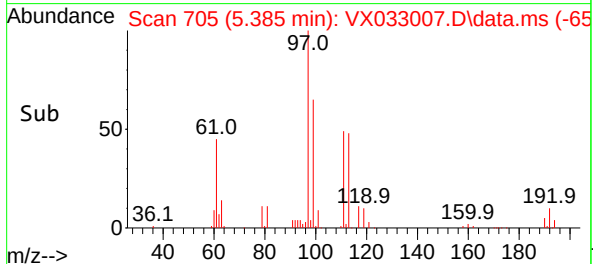
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



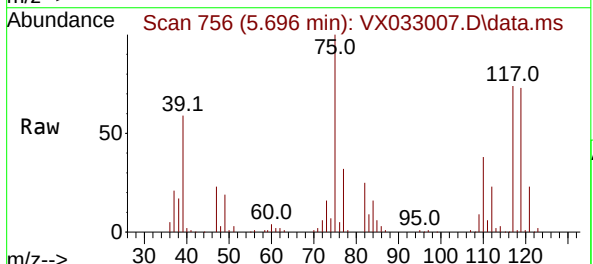
Tgt Ion:113 Resp: 5240
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 19.9 15.4 23.2

Manual Integrations
APPROVED

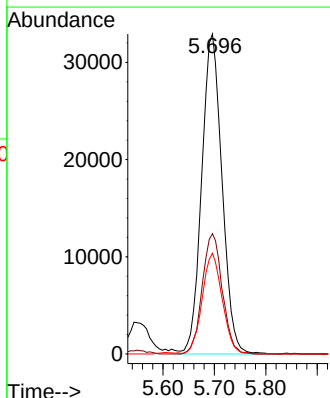
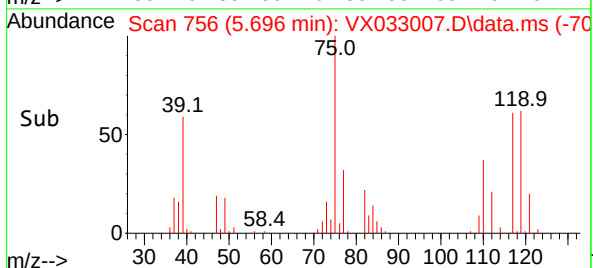
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

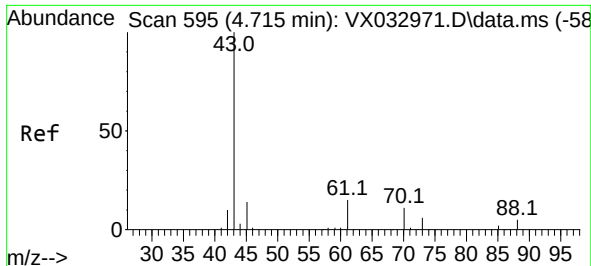


#36
1,1-Dichloropropene
Concen: 49.840 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



Tgt Ion: 75 Resp: 90412
Ion Ratio Lower Upper
75 100
110 37.1 18.4 55.2
77 31.0 24.5 36.7





#37

Ethyl Acetate

Concen: 54.096 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

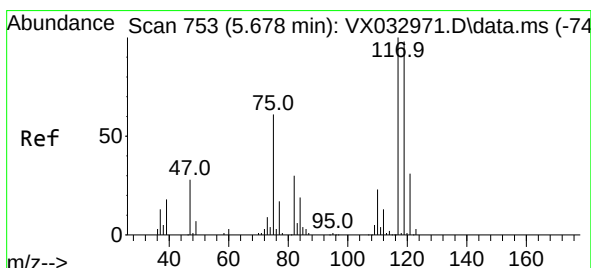
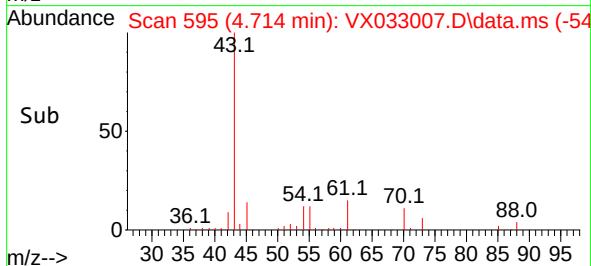
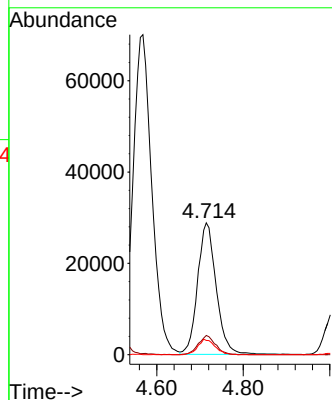
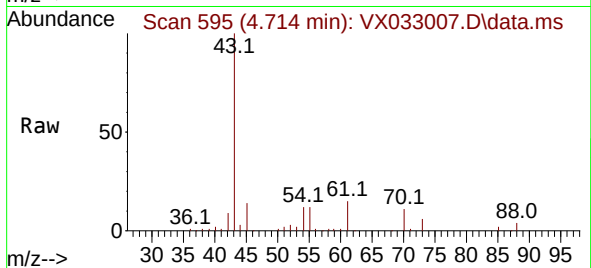
Tgt Ion: 43	Resp: 8561
Ion Ratio	Lower Upper
43 100	
61 13.5	11.5 17.3
70 10.8	9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#38

Carbon Tetrachloride

Concen: 50.815 ug/l

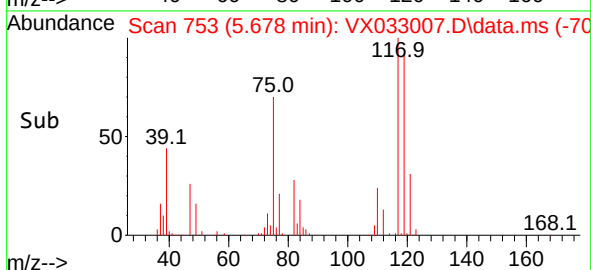
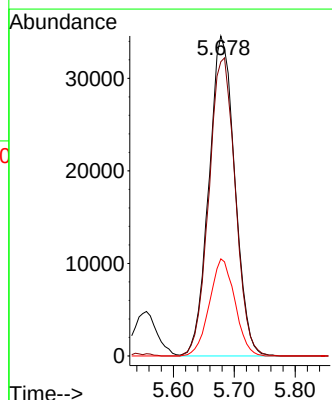
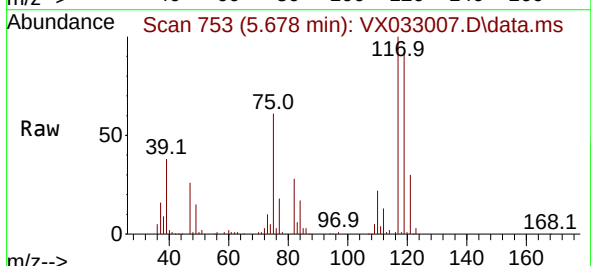
RT: 5.678 min Scan# 753

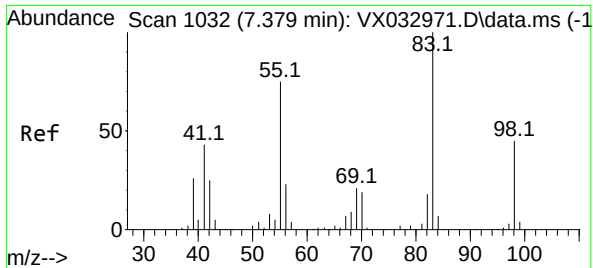
Delta R.T. -0.006 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Tgt Ion: 117	Resp: 102258
Ion Ratio	Lower Upper
117 100	
119 92.0	77.2 115.8
121 30.4	25.8 38.6





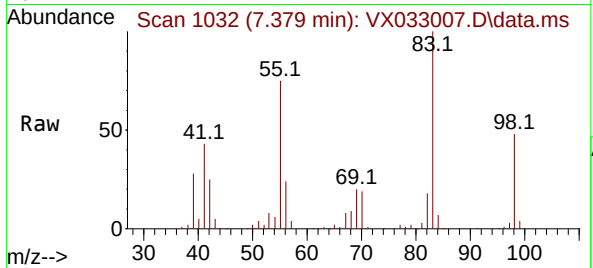
#39
Methylcyclohexane
Concen: 50.306 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



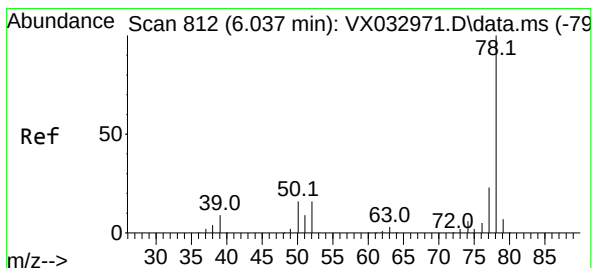
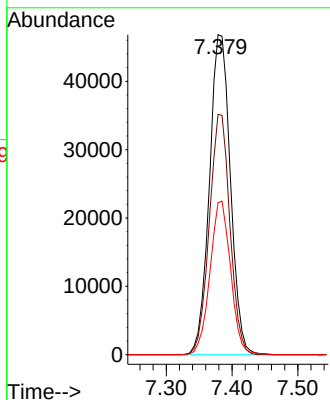
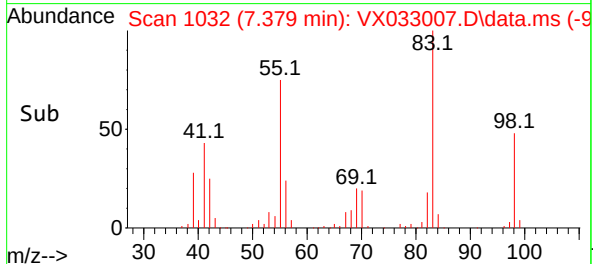
Tgt Ion: 83 Resp: 10412
Ion Ratio Lower Upper
83 100
55 75.1 58.4 87.6
98 47.5 37.2 55.8

Manual Integrations

APPROVED

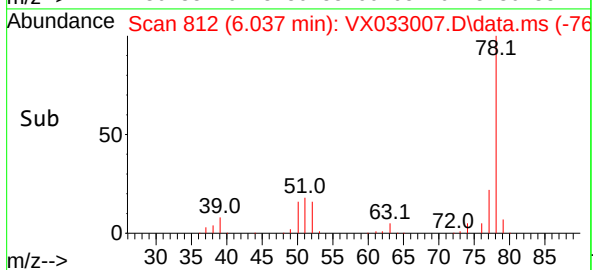
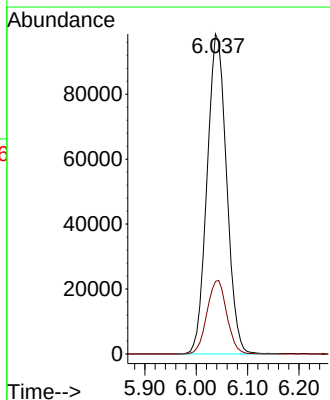
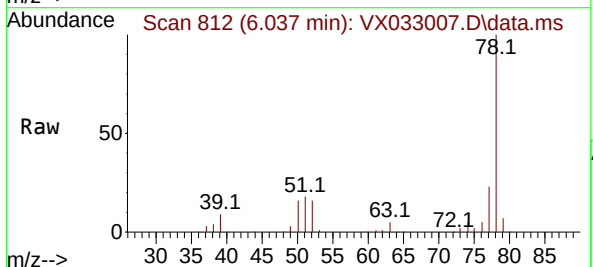
Reviewed By :John Carlone 11/23/2022

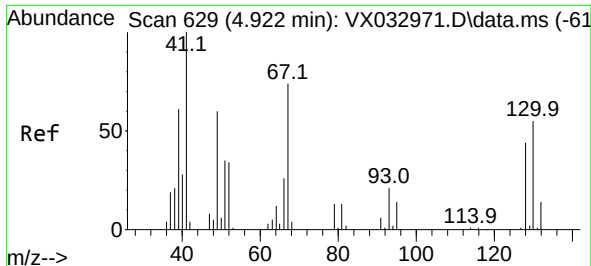
Supervised By :Mahesh Dadoda 11/28/2022



#40
Benzene
Concen: 51.094 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Tgt Ion: 78 Resp: 259870
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4





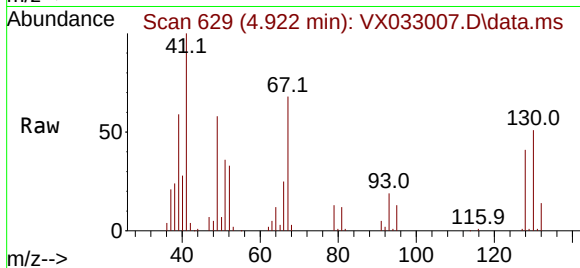
#41
Methacrylonitrile
Concen: 53.348 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



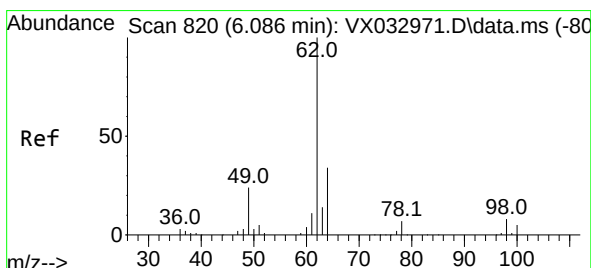
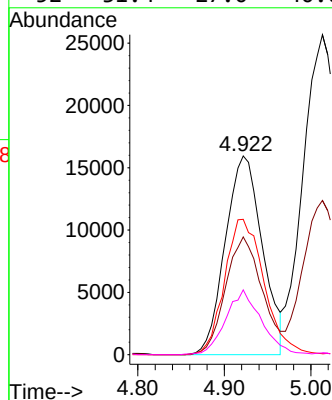
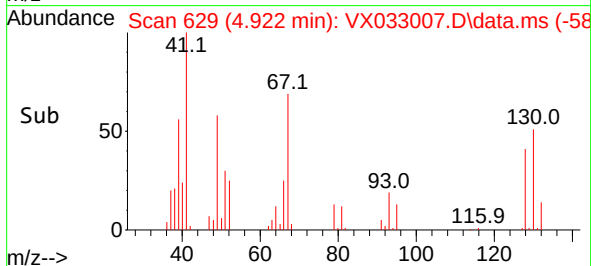
Tgt Ion:	41	Resp:	4750
Ion	Ratio	Lower	Upper
41	100		
39	58.3	47.5	71.3
67	72.6	60.5	90.7
52	31.4	27.0	40.6

Manual Integrations

APPROVED

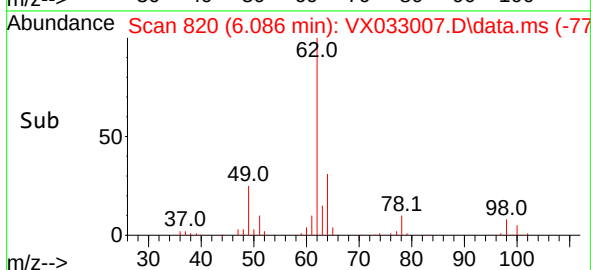
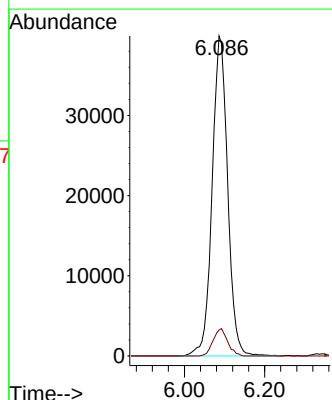
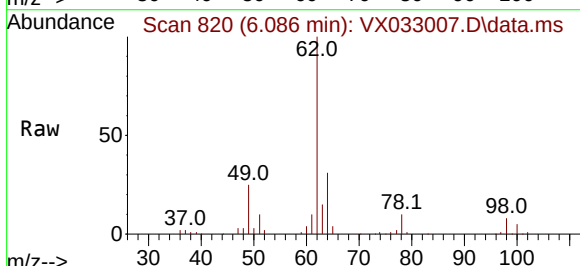
Reviewed By :John Carlone 11/23/2022

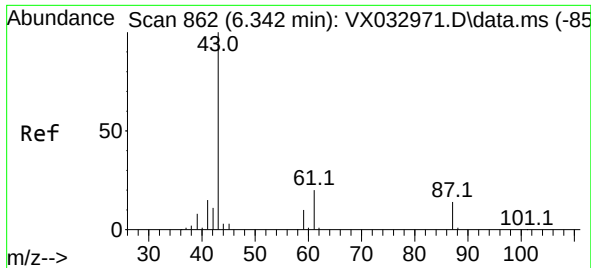
Supervised By :Mahesh Dadoda 11/28/2022



#42
1,2-Dichloroethane
Concen: 52.391 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

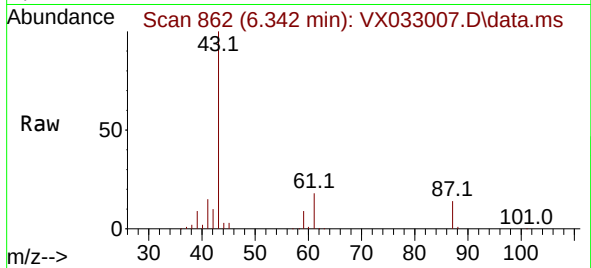
Tgt Ion:	62	Resp:	107289
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.0





#43
Isopropyl Acetate
Concen: 53.112 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

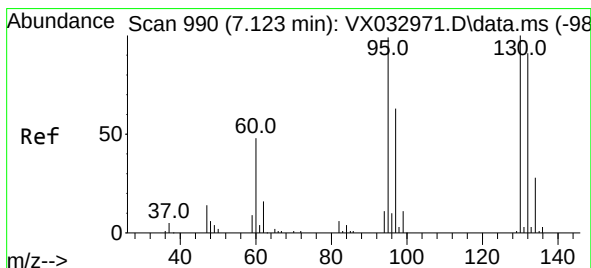
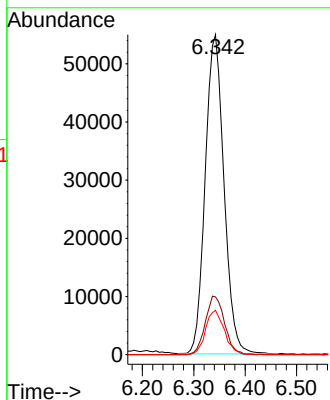
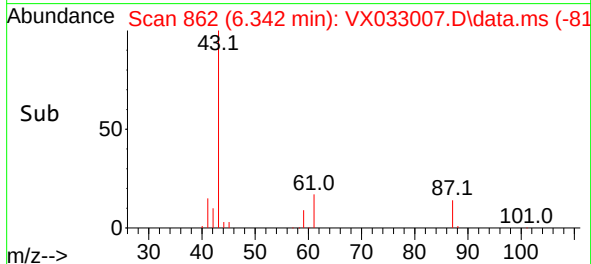
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



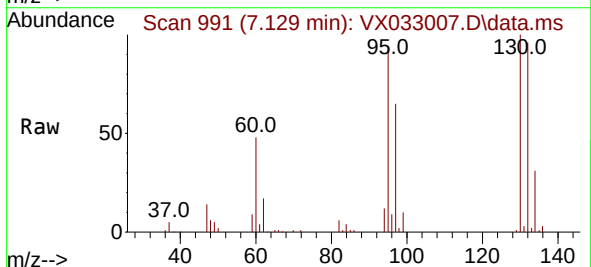
Tgt Ion: 43 Resp: 13901
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 13.9 10.8 16.2

Manual Integrations
APPROVED

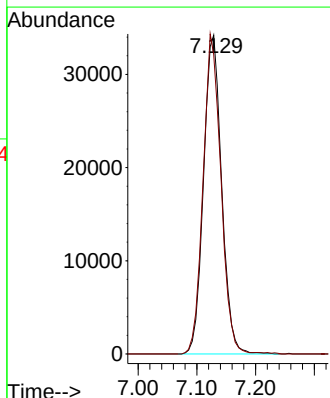
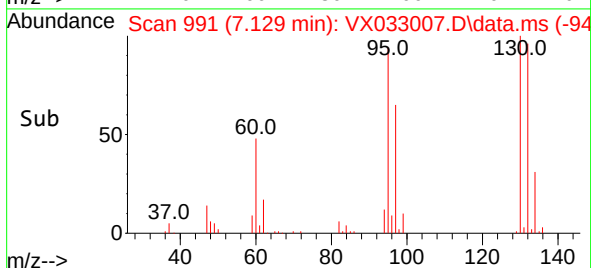
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

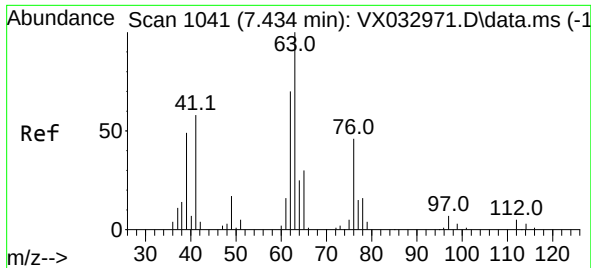


#44
Trichloroethene
Concen: 51.276 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



Tgt Ion:130 Resp: 73181
Ion Ratio Lower Upper
130 100
95 93.9 0.0 195.2





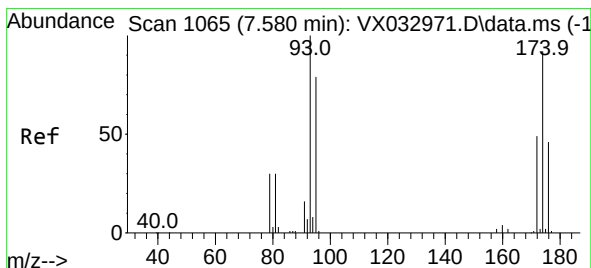
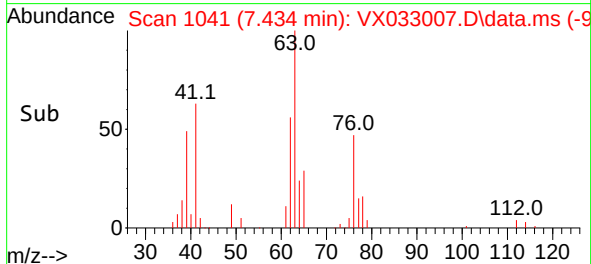
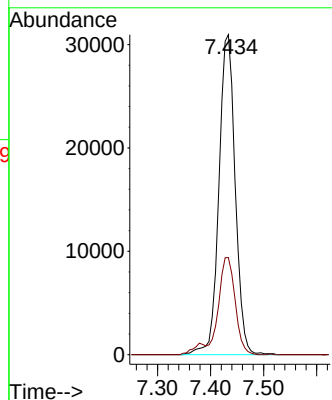
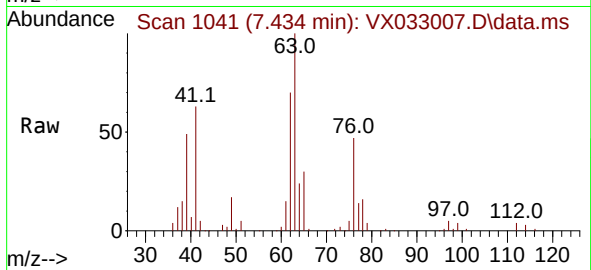
#45
1,2-Dichloropropane
Concen: 52.532 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 66029
Ion Ratio Lower Upper
63 100
65 30.3 24.6 36.8

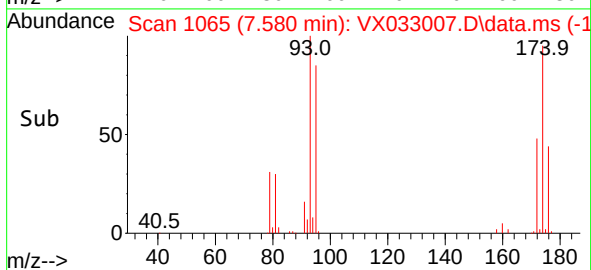
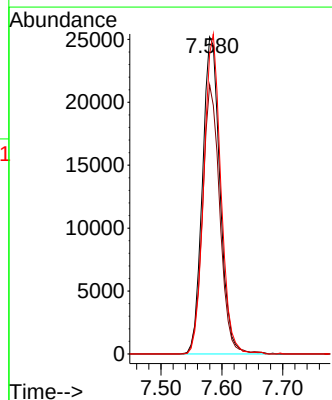
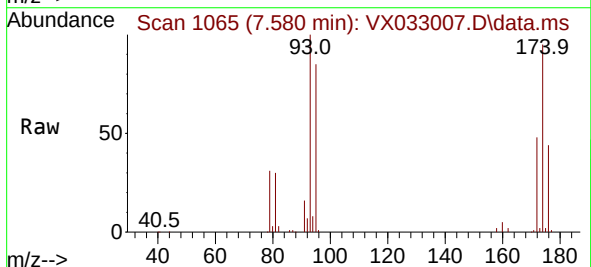
Manual Integrations
APPROVED

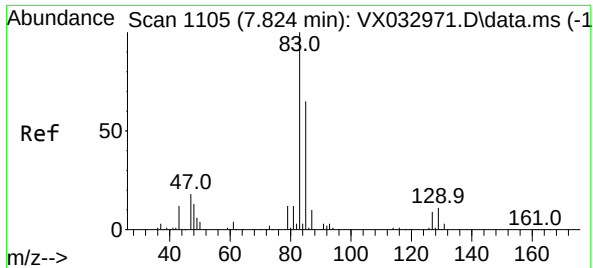
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#46
Dibromomethane
Concen: 51.417 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

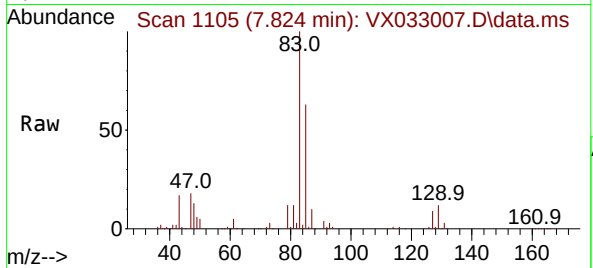
Tgt Ion: 93 Resp: 50428
Ion Ratio Lower Upper
93 100
95 82.9 65.8 98.8
174 97.8 79.8 119.6





#47
Bromodichloromethane
Concen: 52.529 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

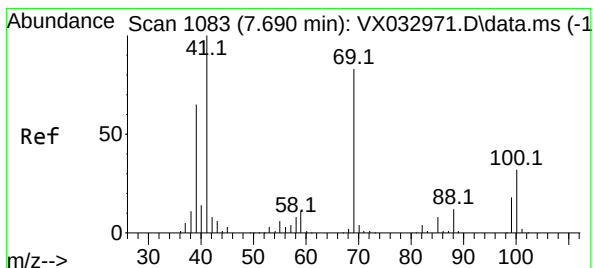
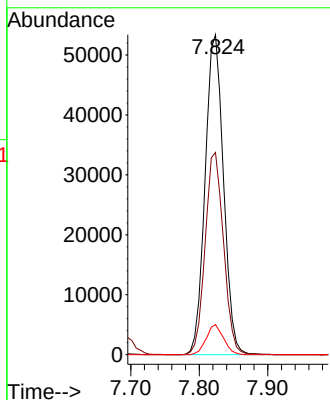
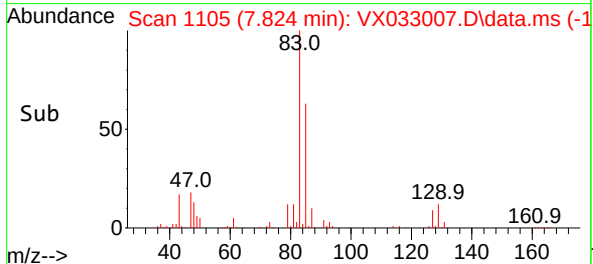
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



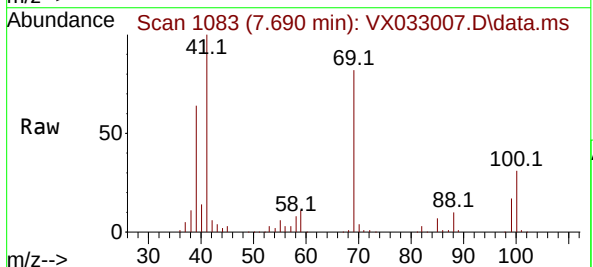
Tgt Ion: 83 Resp: 99548
Ion Ratio Lower Upper
83 100
85 63.2 52.2 78.4
127 9.4 7.4 11.2

Manual Integrations
APPROVED

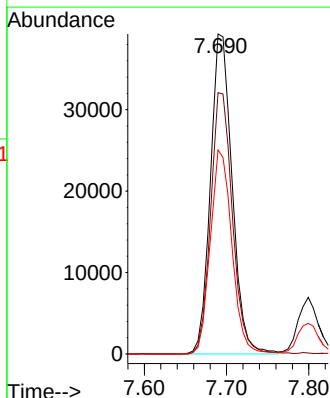
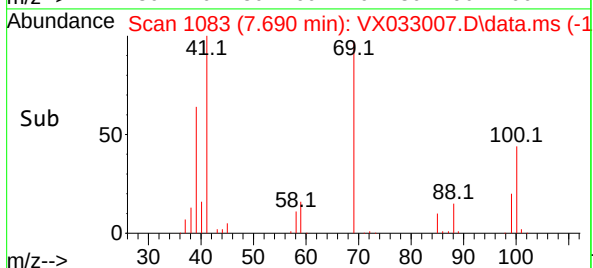
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

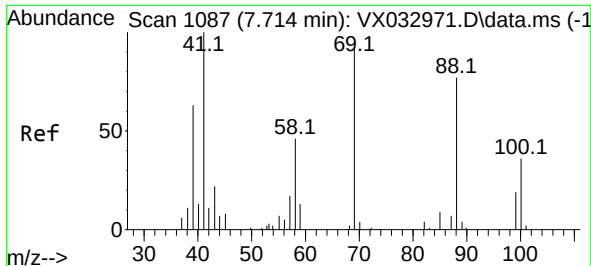


#48
Methyl methacrylate
Concen: 53.587 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



Tgt Ion: 41 Resp: 72195
Ion Ratio Lower Upper
41 100
69 82.2 65.1 97.7
39 63.3 51.9 77.9





#49

1,4-Dioxane

Concen: 1170.562 ug/l

RT: 7.720 min Scan# 1087

Delta R.T. 0.049 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 29030

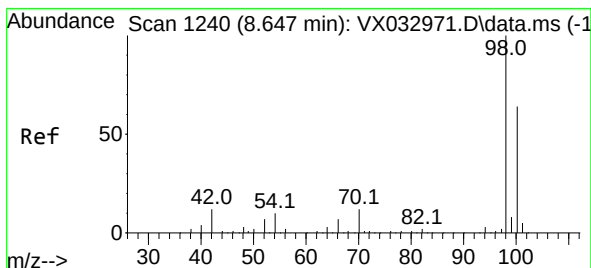
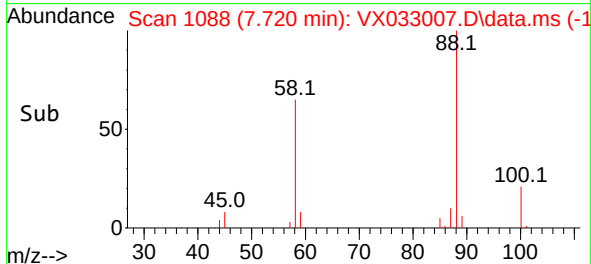
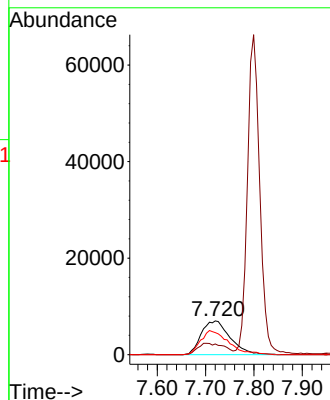
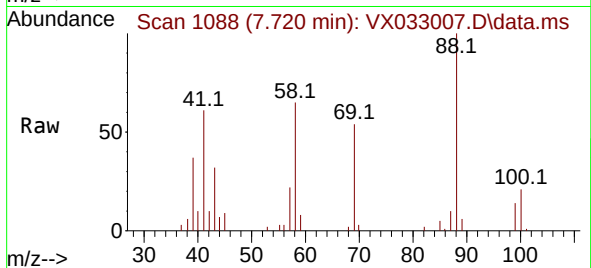
Ion	Ratio	Lower	Upper
88	100		
43	31.3	26.6	39.8
58	69.2	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#50

Toluene-d8

Concen: 48.802 ug/l

RT: 8.647 min Scan# 1240

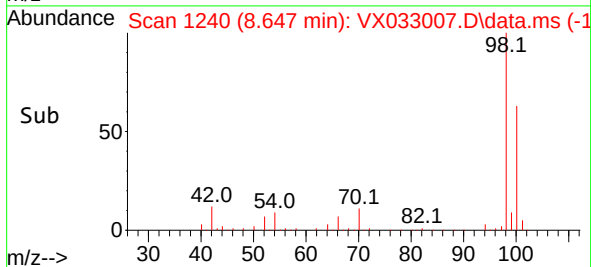
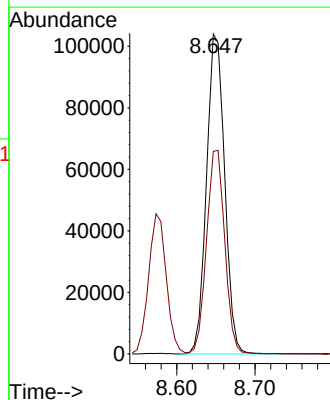
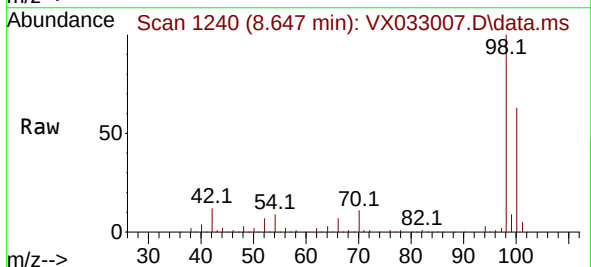
Delta R.T. -0.006 min

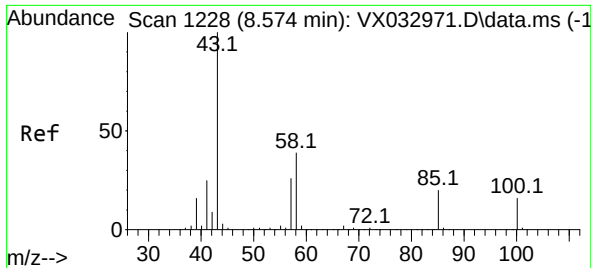
Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Tgt Ion: 98 Resp: 166761

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 276.759 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

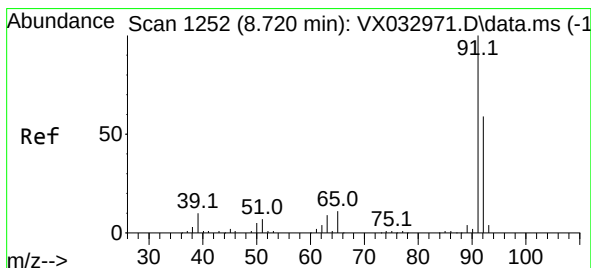
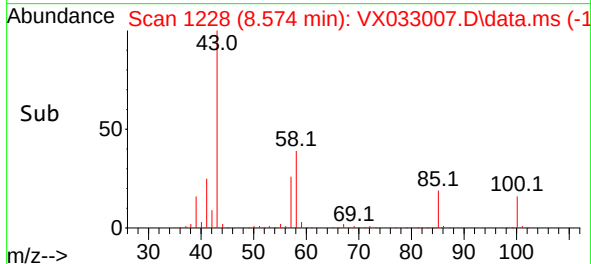
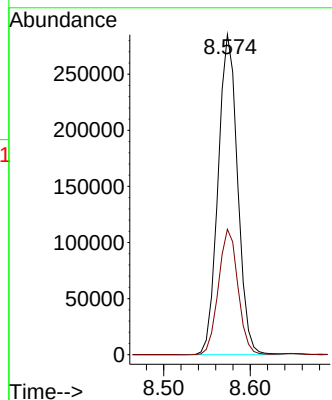
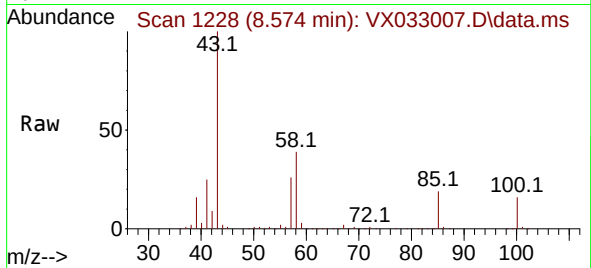
VSTDCCC050EC

Tgt Ion: 43 Resp: 446988
Ion Ratio Lower Upper
43 100
58 39.1 30.9 46.3

Manual Integrations

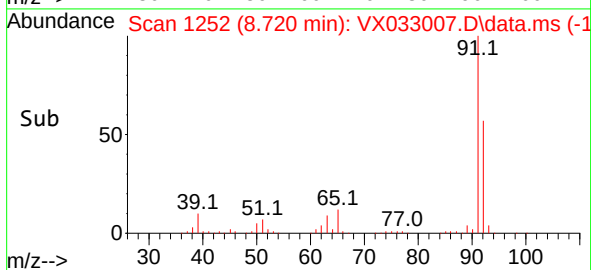
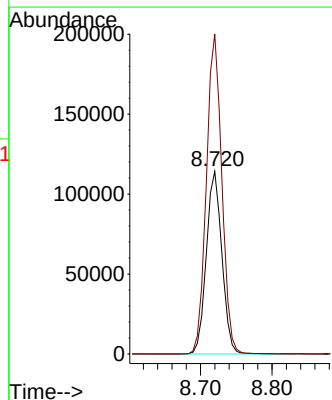
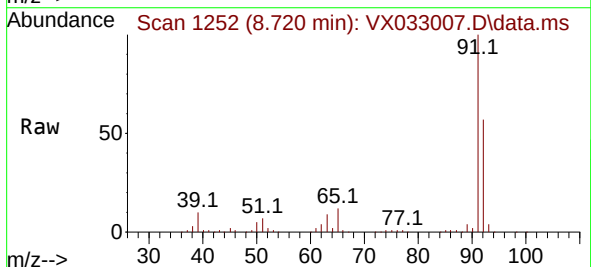
APPROVED

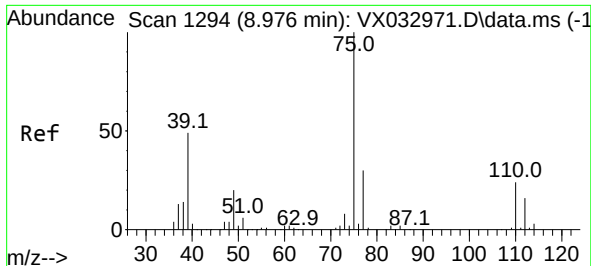
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#52
Toluene
Concen: 51.526 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Tgt Ion: 92 Resp: 172413
Ion Ratio Lower Upper
92 100
91 174.4 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 48.682 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 9904

Ion Ratio Lower Upper

75 100

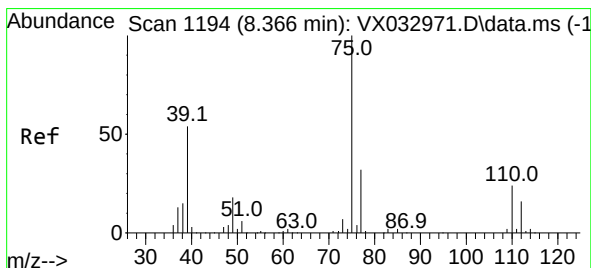
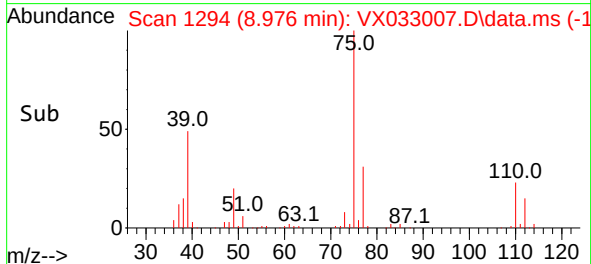
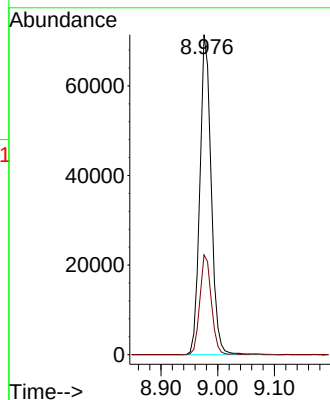
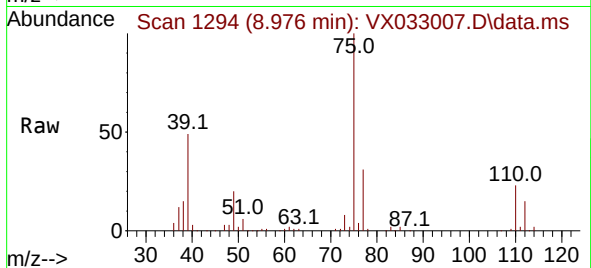
77 31.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#54

cis-1,3-Dichloropropene

Concen: 51.816 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

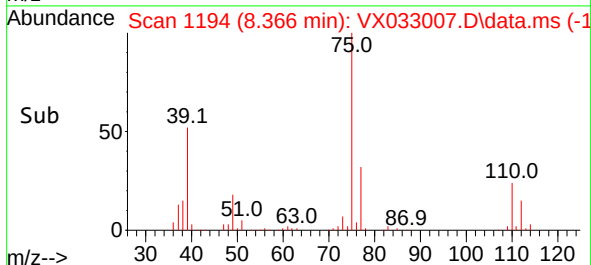
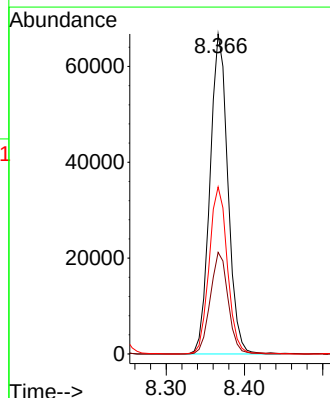
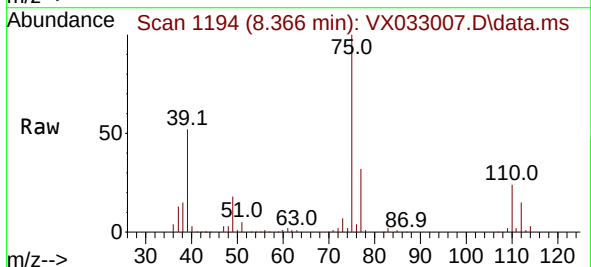
Tgt Ion: 75 Resp: 105861

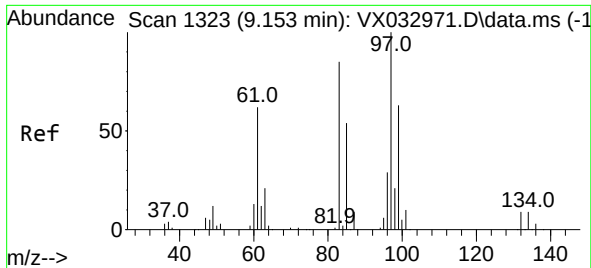
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

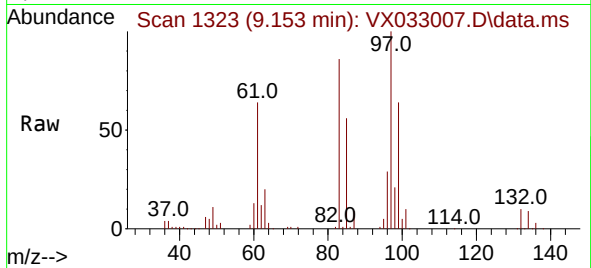
39 52.2 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 50.999 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

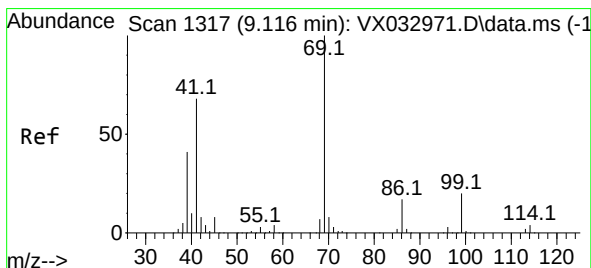
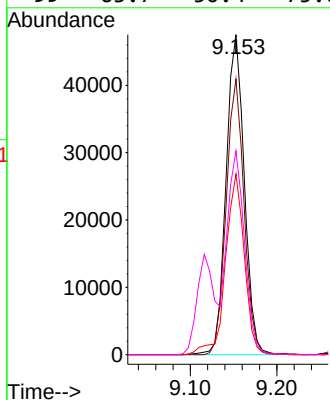
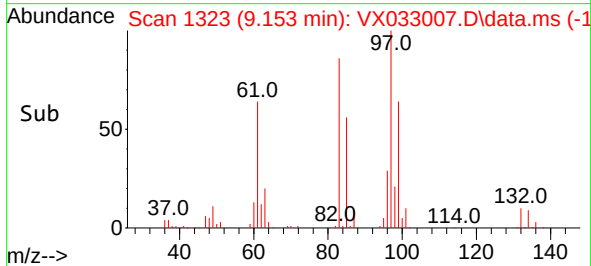
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



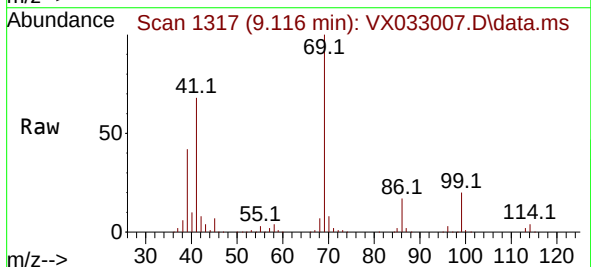
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.1	102.1
85	56.4	43.3	64.9
99	63.7	50.4	75.6

Manual Integrations
APPROVED

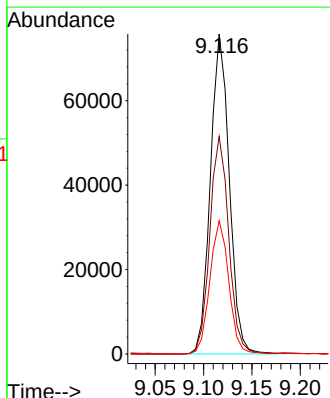
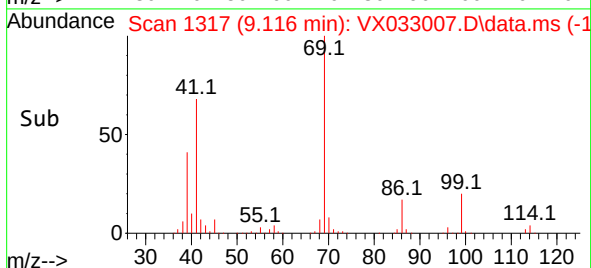
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

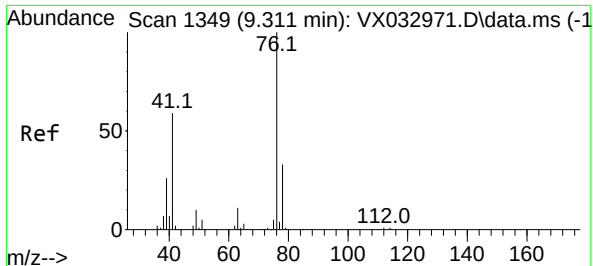


#56
Ethyl methacrylate
Concen: 55.020 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.3	81.5
39	41.9	35.2	52.8





#57

1,3-Dichloropropane

Concen: 51.589 ug/l

RT: 9.311 min Scan# 11345

Delta R.T. 0.000 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11345

Ion Ratio Lower Upper

76 100

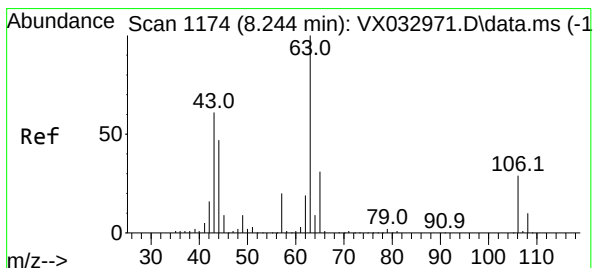
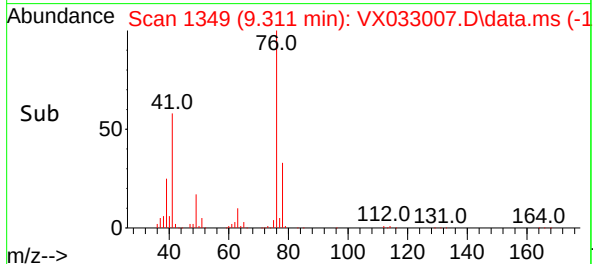
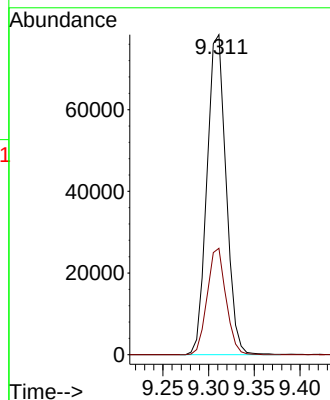
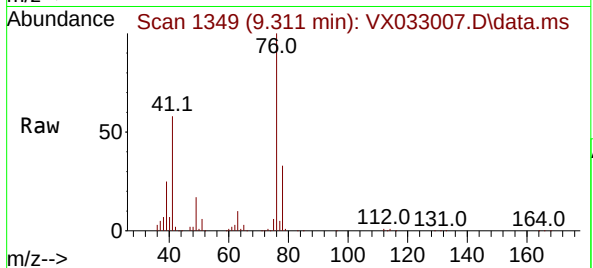
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 263.268 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033007.D

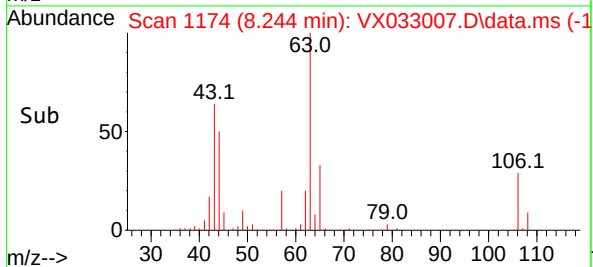
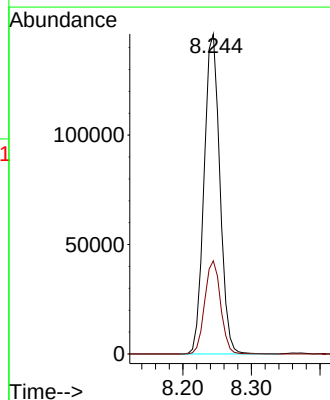
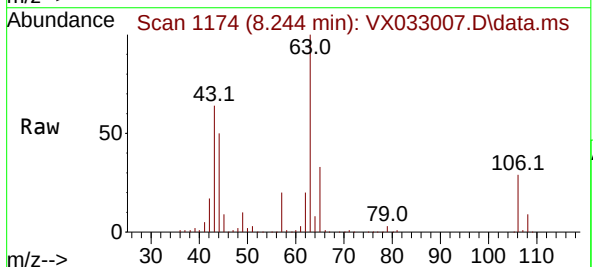
Acq: 23 Nov 2022 02:26

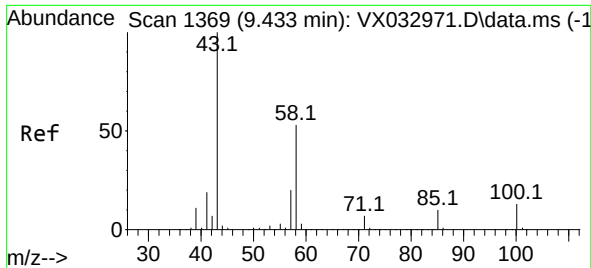
Tgt Ion: 63 Resp: 234659

Ion Ratio Lower Upper

63 100

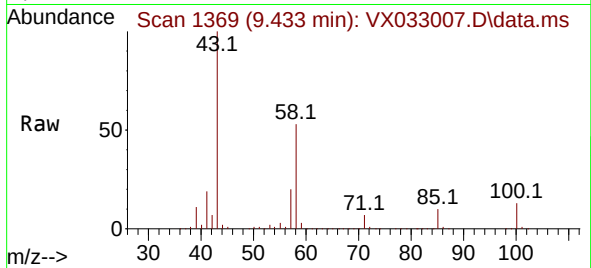
106 29.2 23.3 34.9





#59
2-Hexanone
Concen: 280.394 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

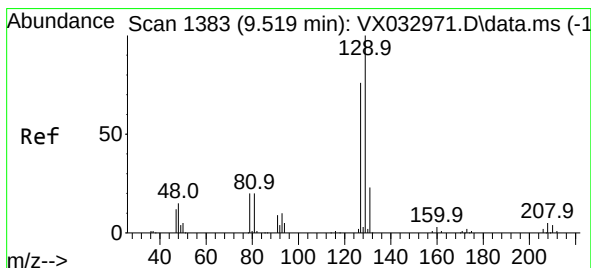
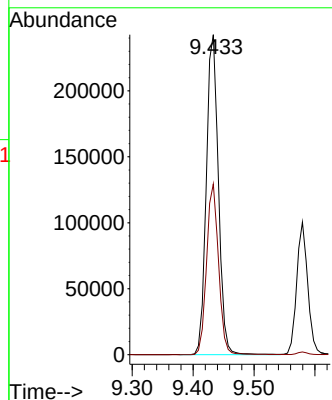
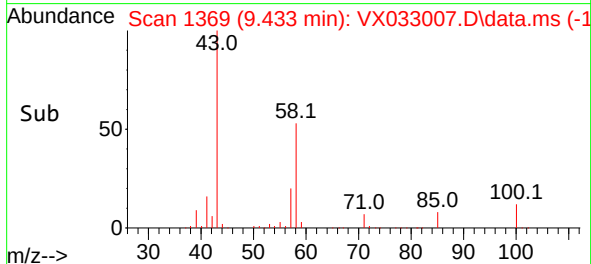
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 33453
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.5

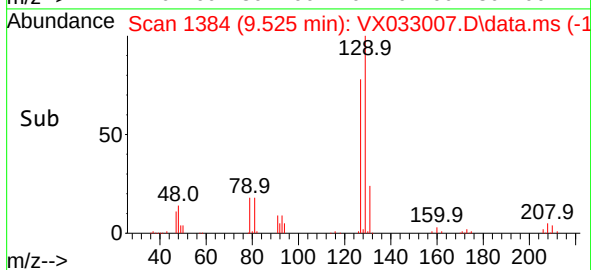
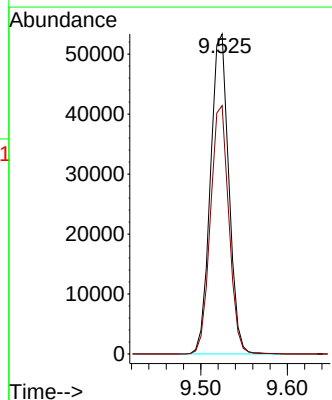
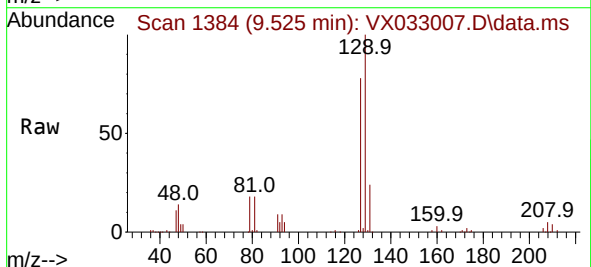
Manual Integrations
APPROVED

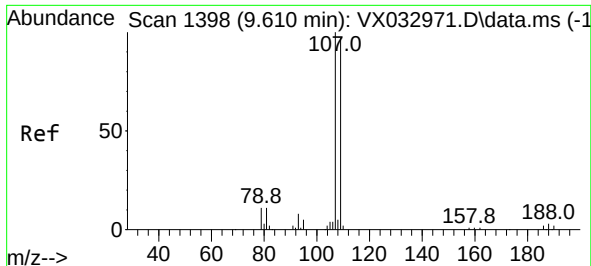
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#60
Dibromochloromethane
Concen: 53.537 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

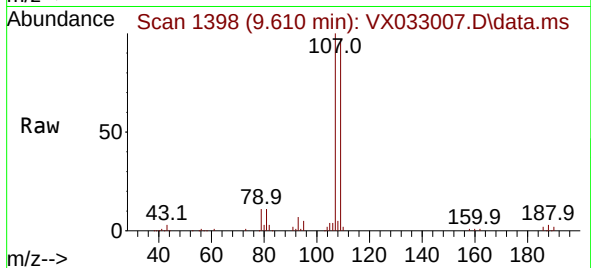
Tgt Ion:129 Resp: 78525
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.037 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

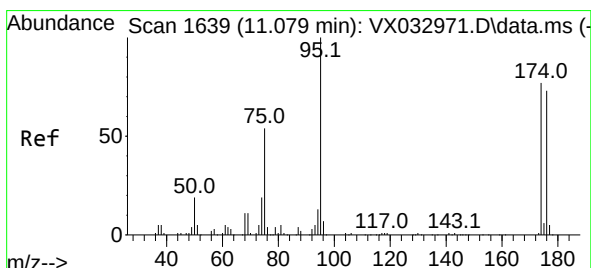
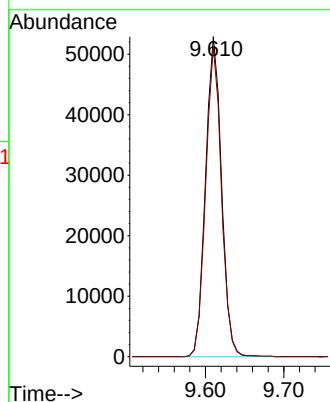
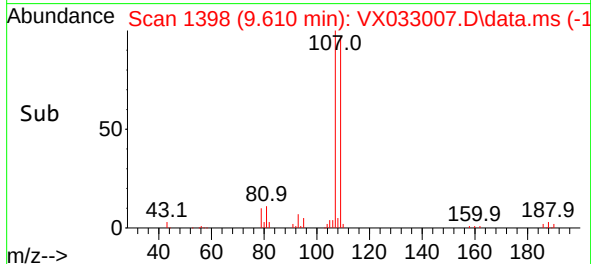
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 74820
Ion Ratio Lower Upper
107 100
109 95.4 76.0 114.0

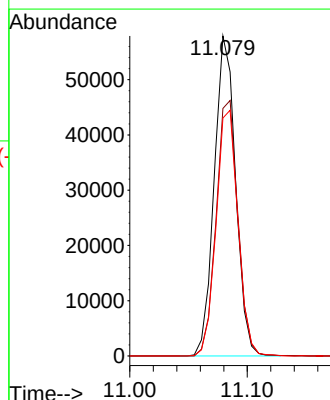
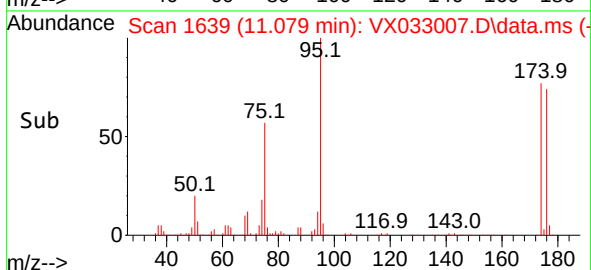
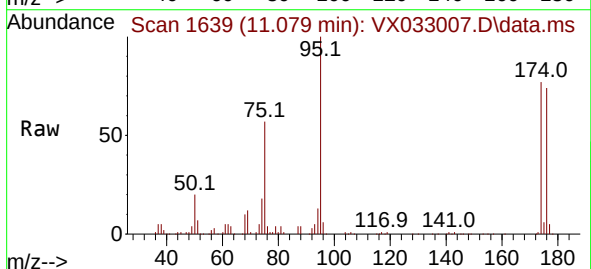
Manual Integrations
APPROVED

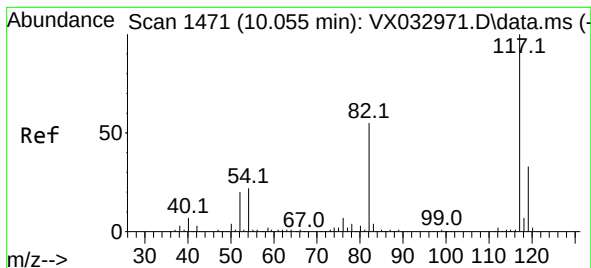
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#62
4-Bromofluorobenzene
Concen: 49.024 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

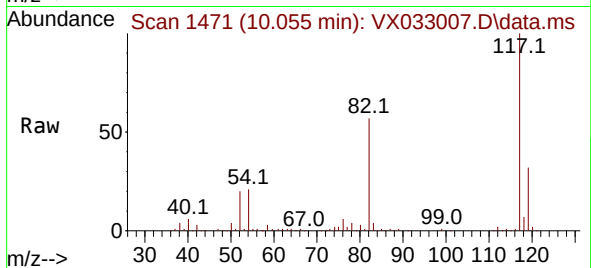
Tgt Ion: 95 Resp: 73060
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 78.8 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

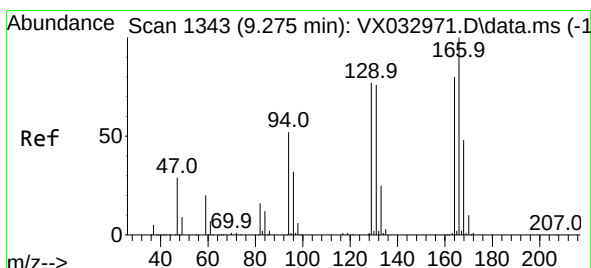
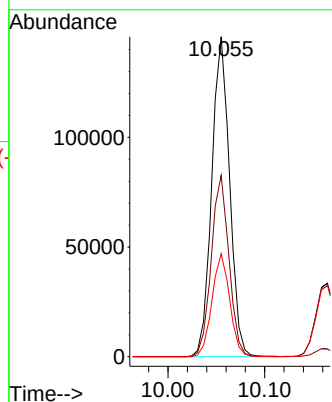
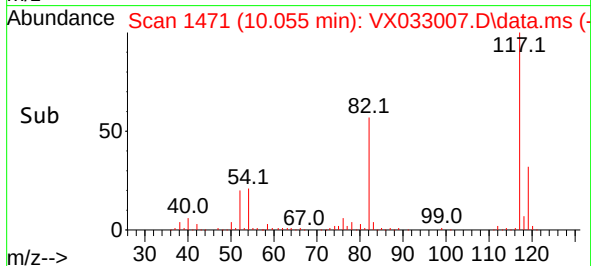
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 187268
Ion Ratio Lower Upper
117 100
82 56.7 44.3 66.5
119 32.2 25.7 38.5

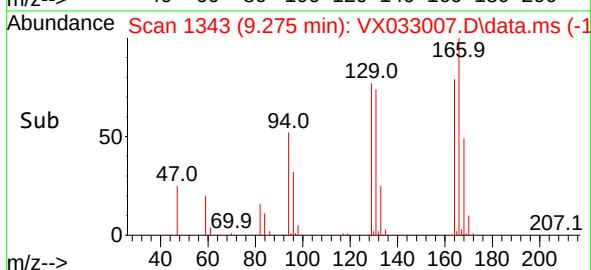
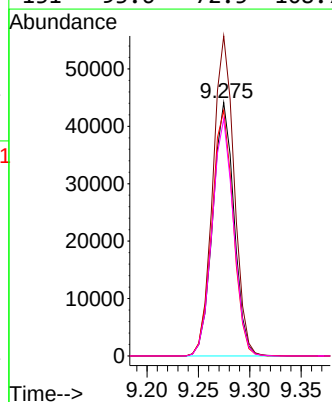
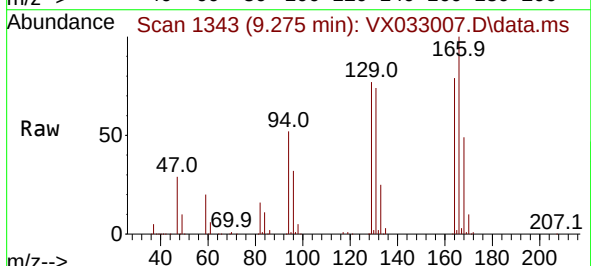
Manual Integrations
APPROVED

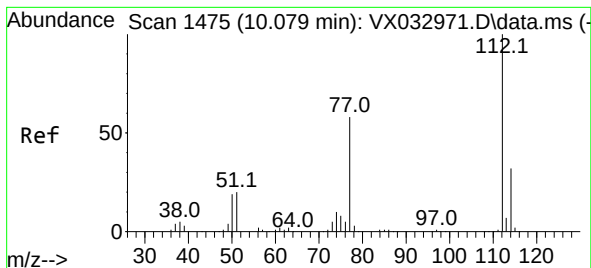
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#64
Tetrachloroethene
Concen: 47.620 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Tgt Ion:164 Resp: 63123
Ion Ratio Lower Upper
164 100
166 126.3 105.4 158.2
129 96.8 78.2 117.2
131 93.6 72.5 108.7





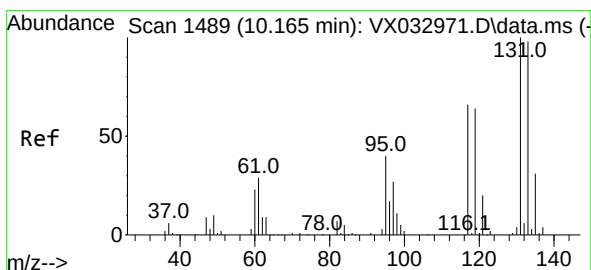
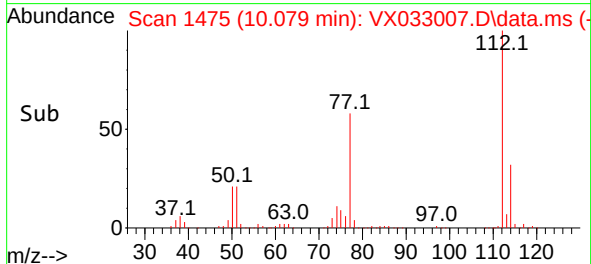
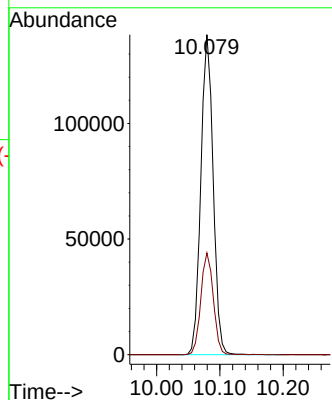
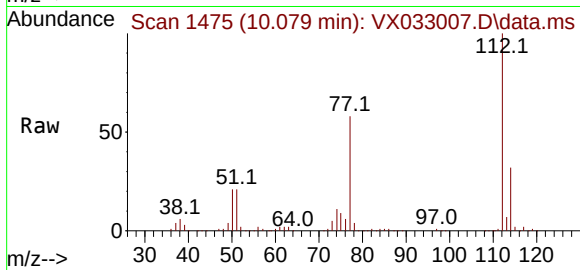
#65
Chlorobenzene
Concen: 50.263 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 18766
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

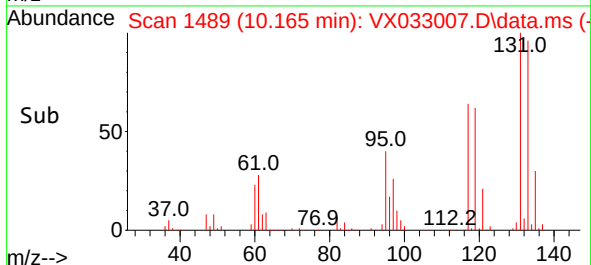
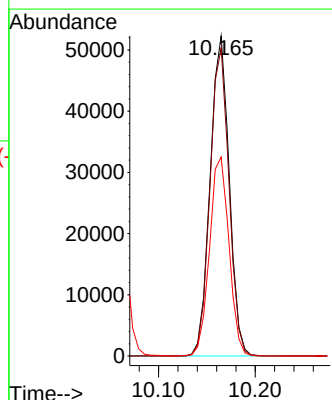
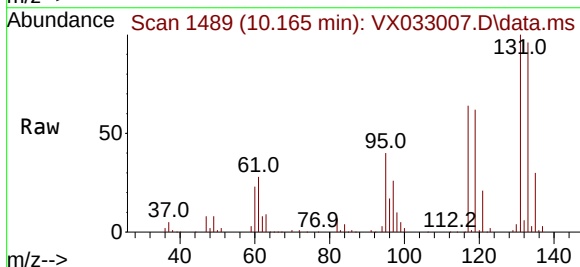
Manual Integrations
APPROVED

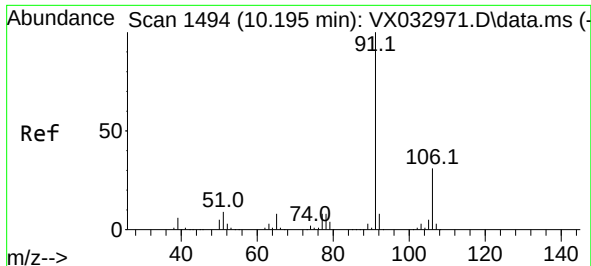
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.424 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

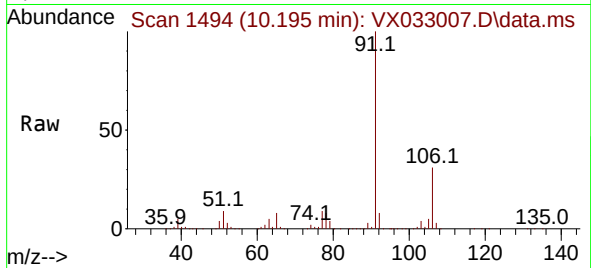
Tgt Ion:131 Resp: 71717
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 63.5 32.4 97.0





#67
Ethyl Benzene
Concen: 52.536 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

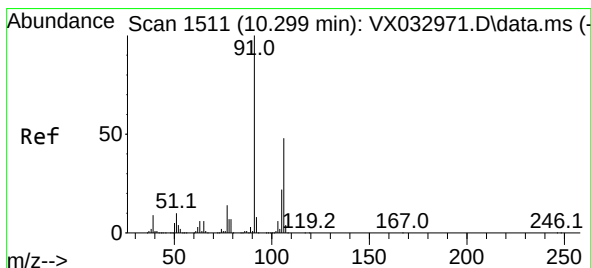
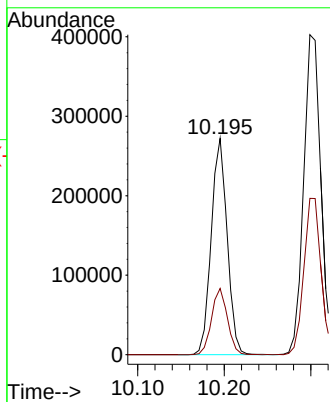
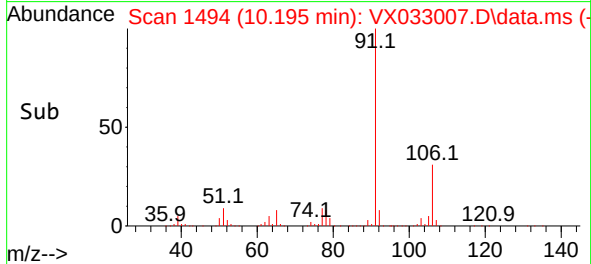
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 34794
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.6

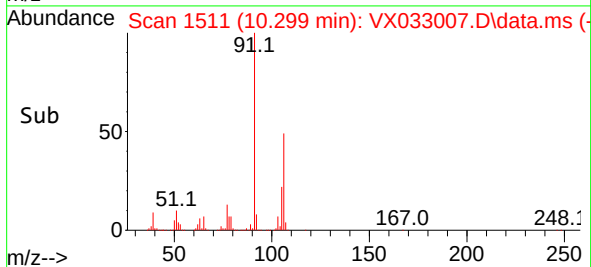
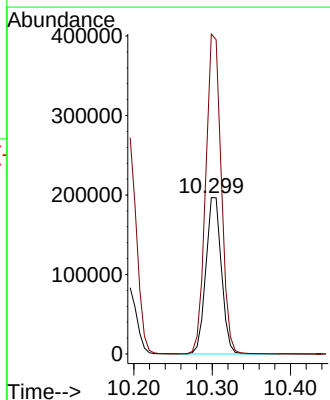
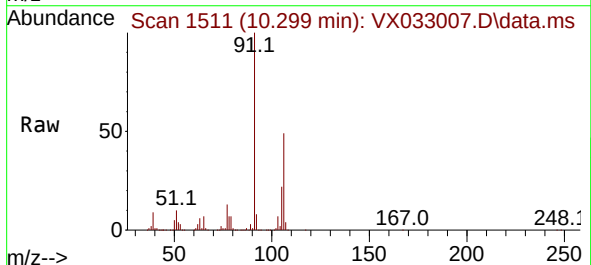
Manual Integrations
APPROVED

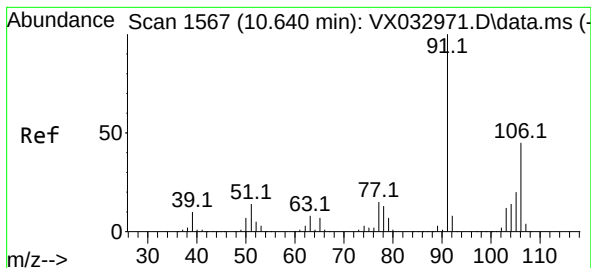
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#68
m/p-Xylenes
Concen: 104.273 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Tgt Ion:106 Resp: 270431
Ion Ratio Lower Upper
106 100
91 204.7 164.5 246.7





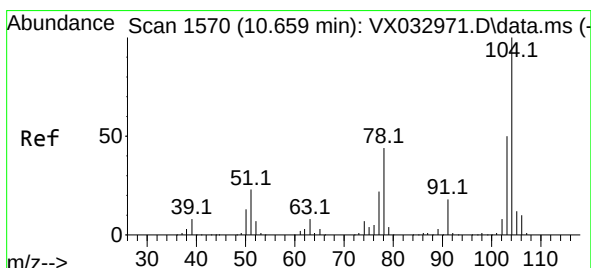
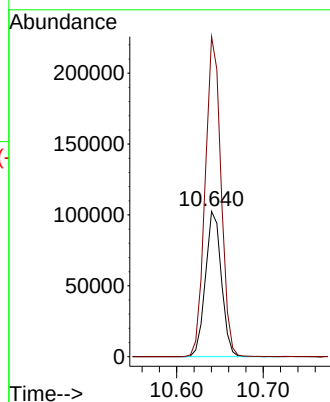
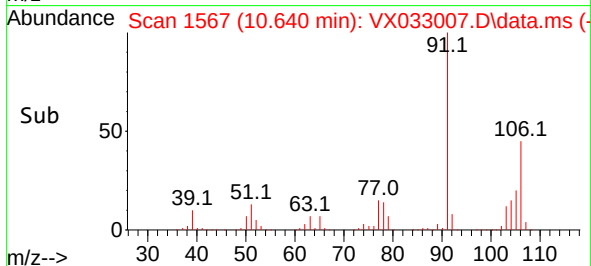
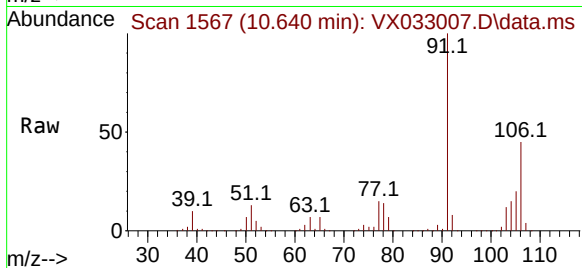
#69
o-Xylene
Concen: 52.189 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 13096
Ion Ratio Lower Upper
106 100
91 218.7 109.2 327.6

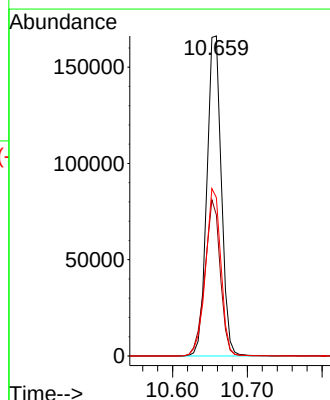
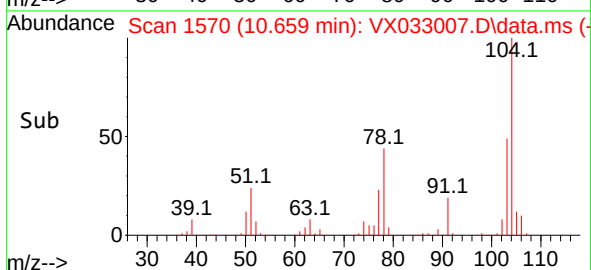
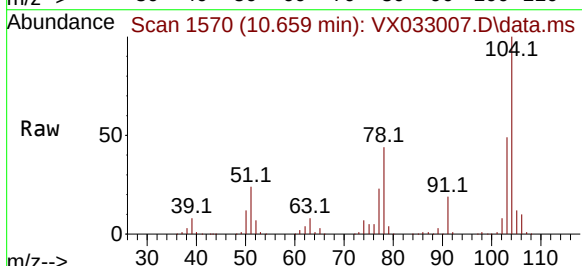
Manual Integrations
APPROVED

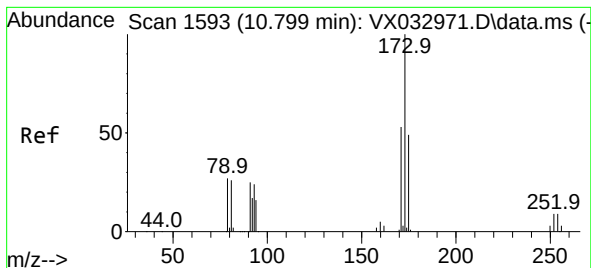
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#70
Styrene
Concen: 54.540 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

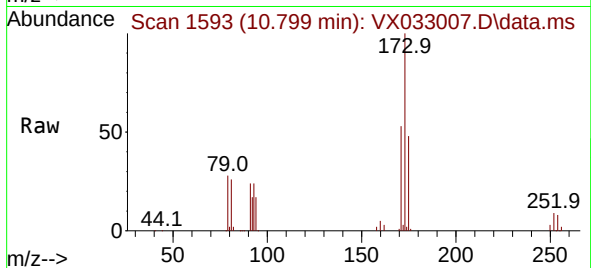
Tgt Ion:104 Resp: 223906
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.8
103 55.2 44.5 66.7





#71
Bromoform
Concen: 52.643 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

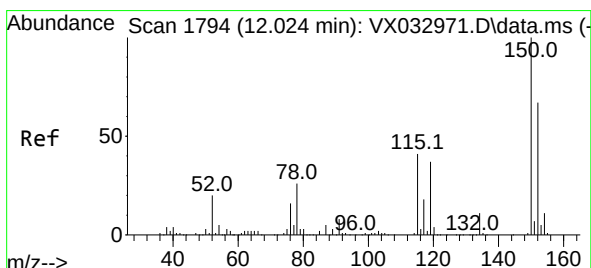
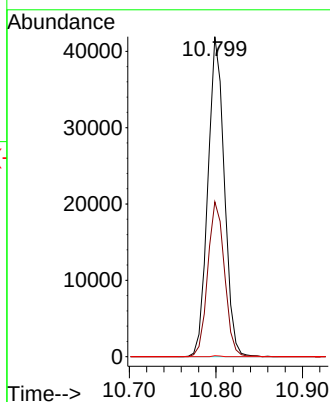
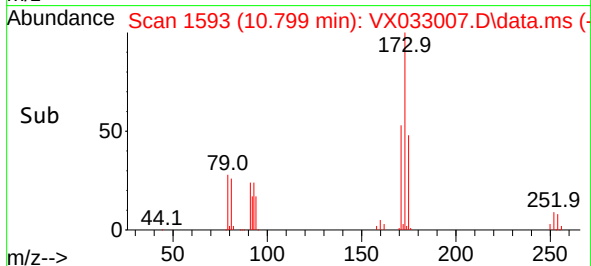
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



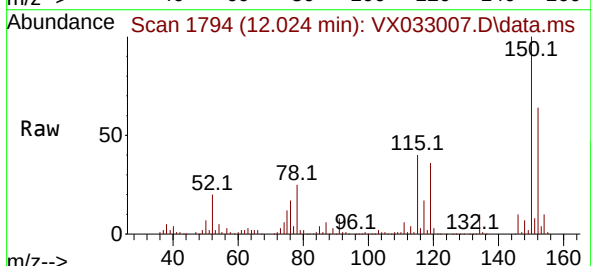
Tgt Ion:173 Resp: 55217
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

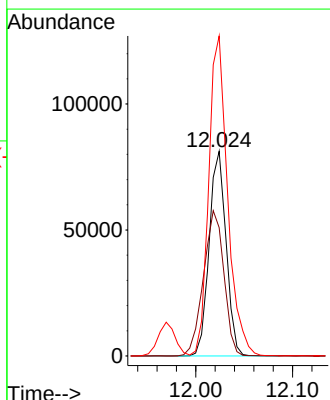
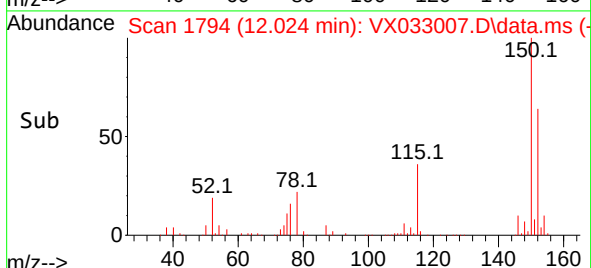
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

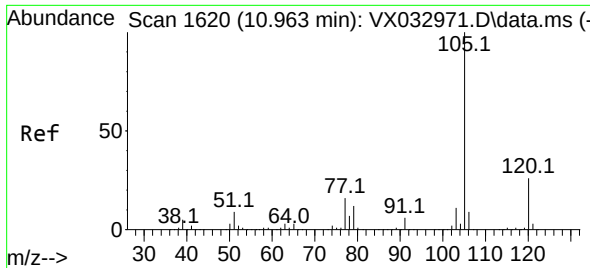


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



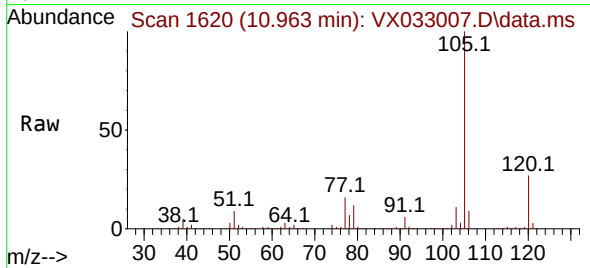
Tgt Ion:152 Resp: 99006
Ion Ratio Lower Upper
152 100
115 85.9 44.0 132.0
150 174.1 0.0 351.8





#73
Isopropylbenzene
Concen: 50.220 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

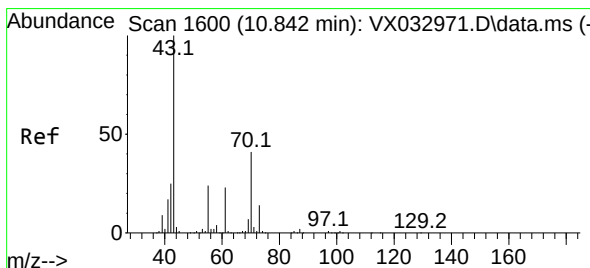
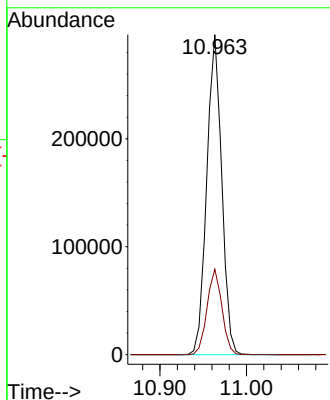
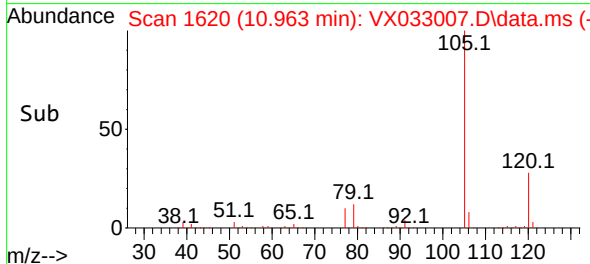
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



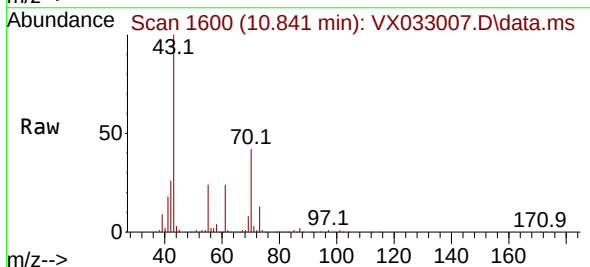
Tgt Ion:105 Resp: 355298
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

Manual Integrations
APPROVED

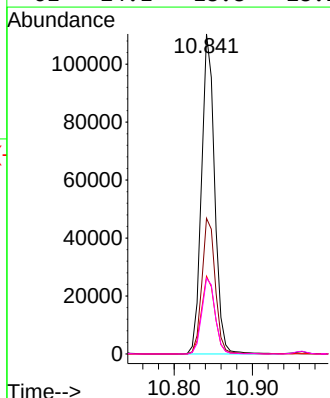
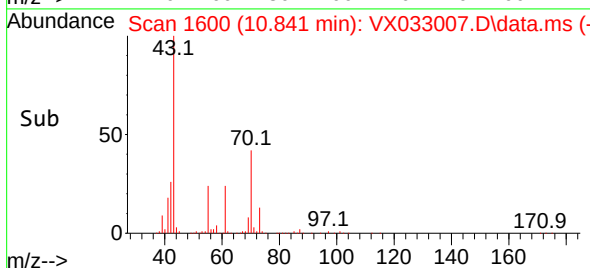
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

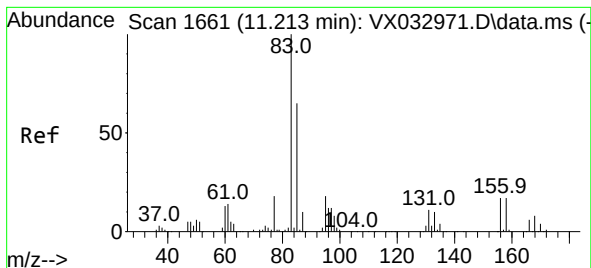


#74
N-ethyl acetate
Concen: 53.403 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



Tgt Ion: 43 Resp: 128527
Ion Ratio Lower Upper
43 100
70 43.1 33.6 50.4
55 25.0 19.4 29.2
61 24.1 18.8 28.2





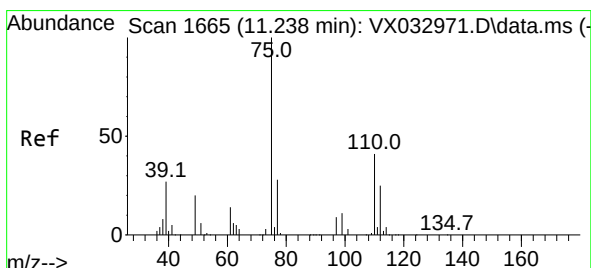
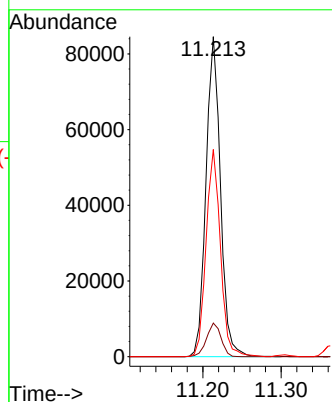
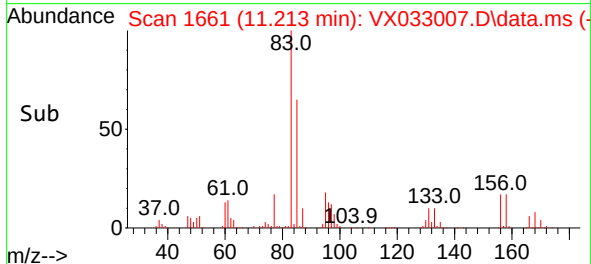
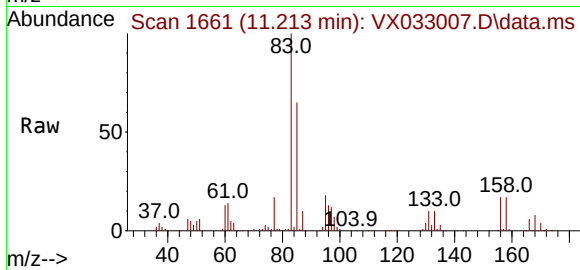
#75
1,1,2,2-Tetrachloroethane
Concen: 50.672 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 10820
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.2 31.9 95.9

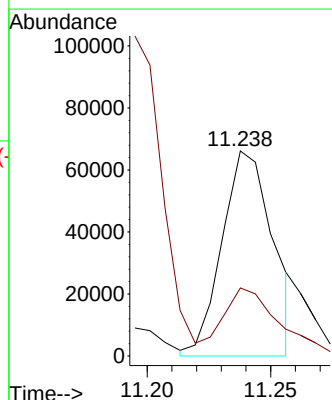
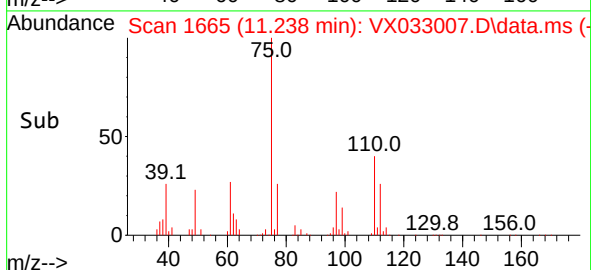
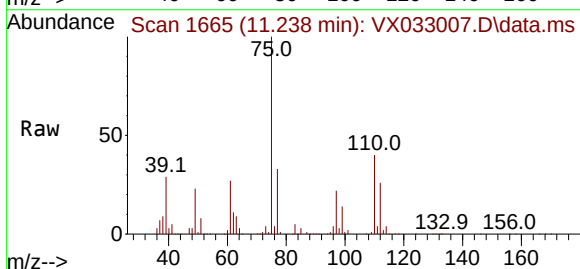
Manual Integrations
APPROVED

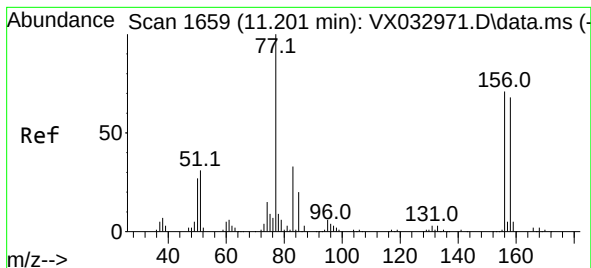
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#76
1,2,3-Trichloropropane
Concen: 50.466 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Tgt Ion: 75 Resp: 94625
Ion Ratio Lower Upper
75 100
77 37.2 20.0 60.0





#77

Bromobenzene

Concen: 49.102 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

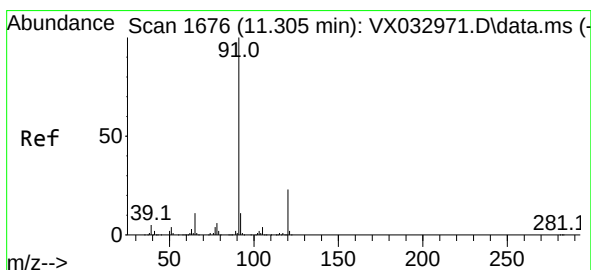
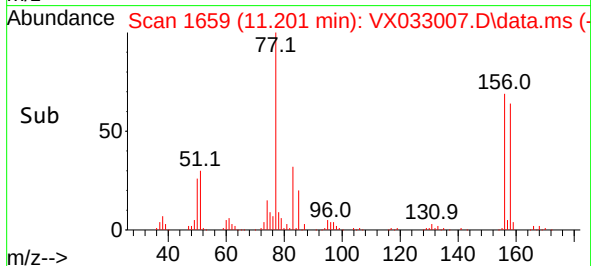
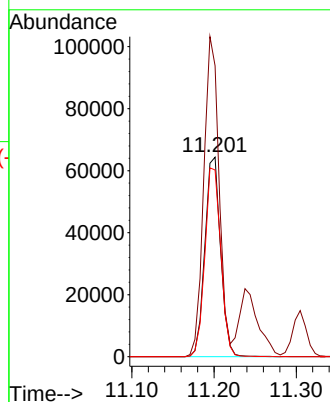
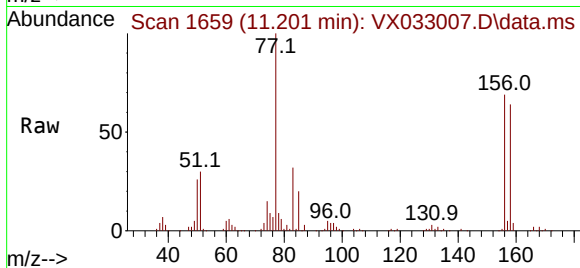
Tgt Ion:	156	Resp:	8543
Ion Ratio	Lower	Upper	
156	100		
77	155.8	76.1	228.4
158	96.0	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#78

n-propylbenzene

Concen: 51.260 ug/l

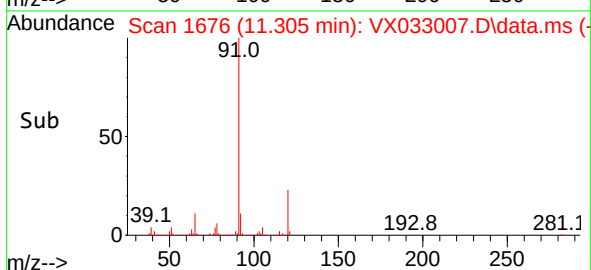
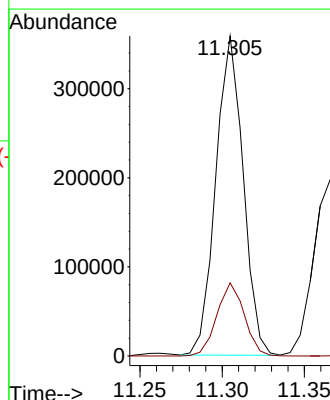
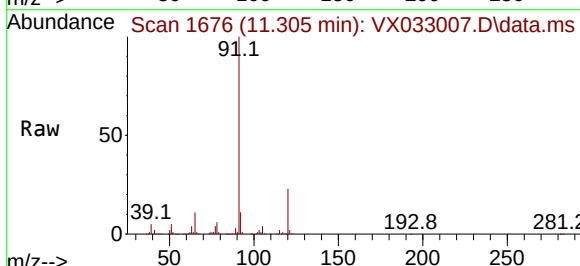
RT: 11.305 min Scan# 1676

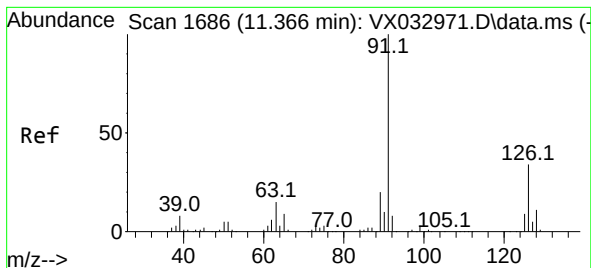
Delta R.T. -0.000 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Tgt Ion:	91	Resp:	414641
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.6	34.8





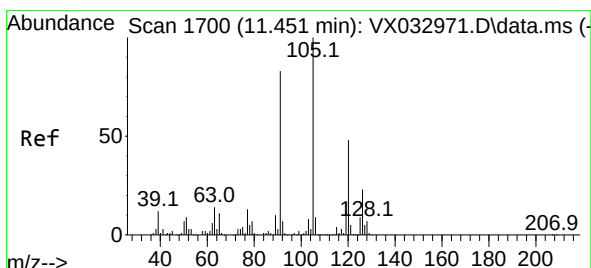
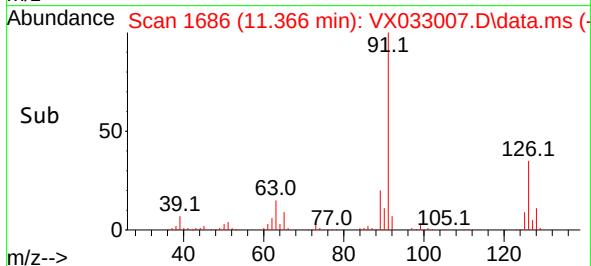
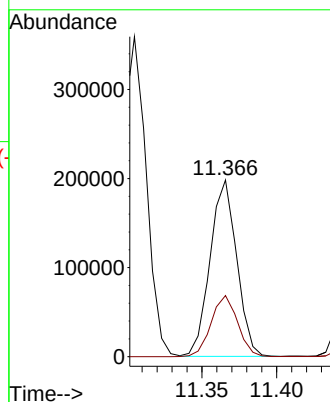
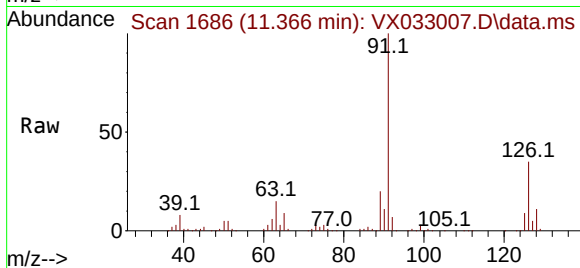
#79
2-Chlorotoluene
Concen: 49.973 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 245512
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2

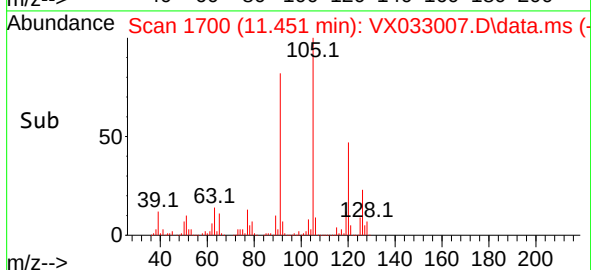
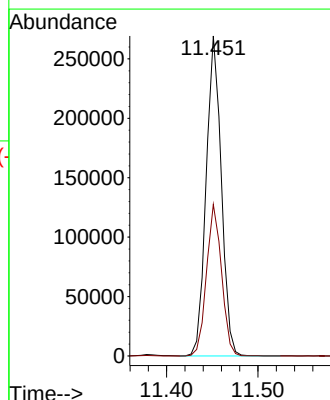
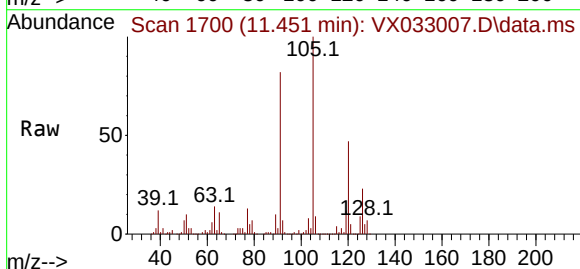
Manual Integrations
APPROVED

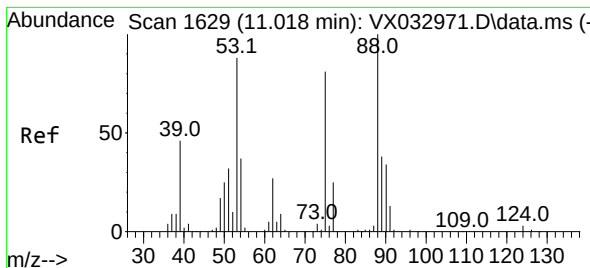
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.910 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Tgt Ion:105 Resp: 308521
Ion Ratio Lower Upper
105 100
120 47.1 23.6 71.0





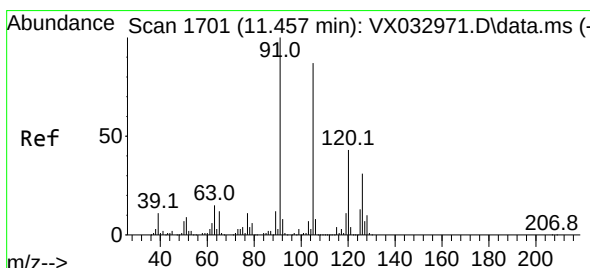
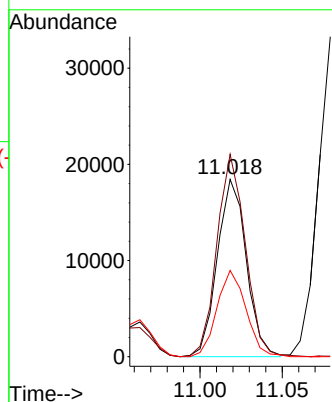
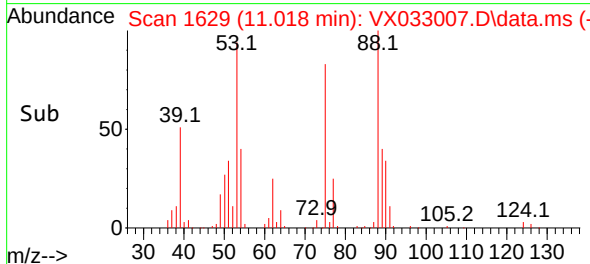
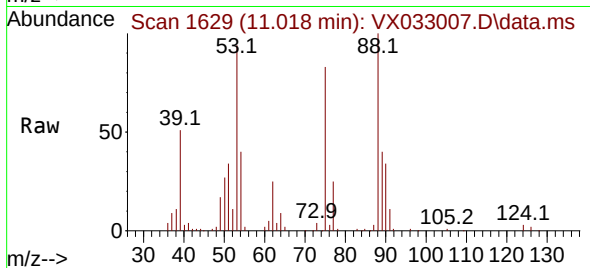
#81
trans-1,4-Dichloro-2-butene
Concen: 39.302 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2267
Ion Ratio Lower Upper
75 100
53 111.7 86.9 130.3
89 48.5 38.3 57.5

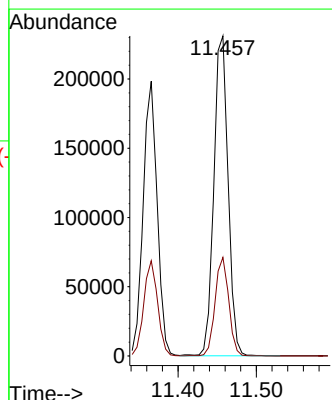
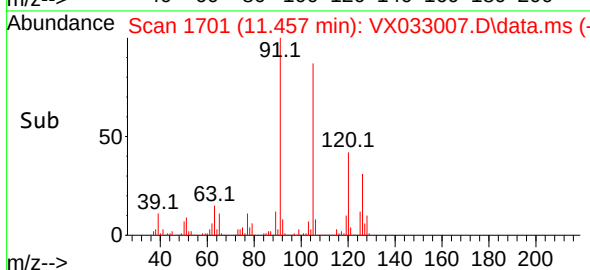
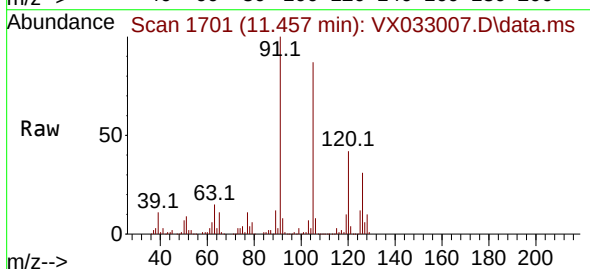
Manual Integrations
APPROVED

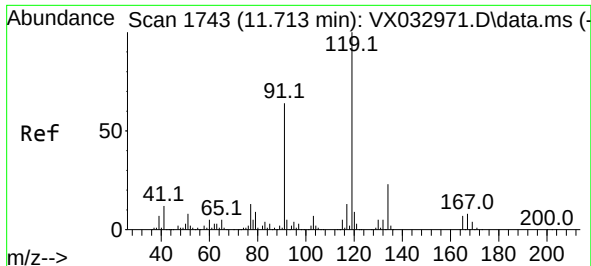
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#82
4-Chlorotoluene
Concen: 50.649 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

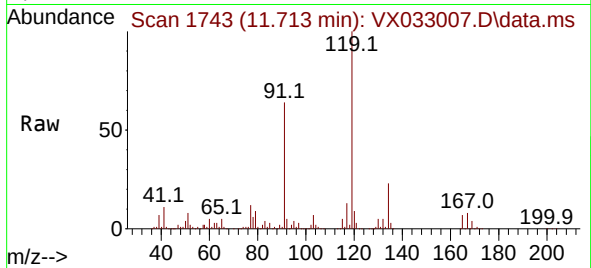
Tgt Ion: 91 Resp: 291596
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.4





#83
tert-Butylbenzene
Concen: 50.982 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

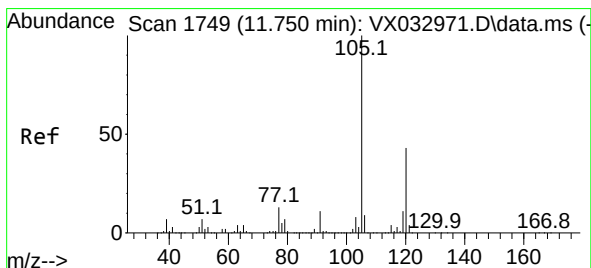
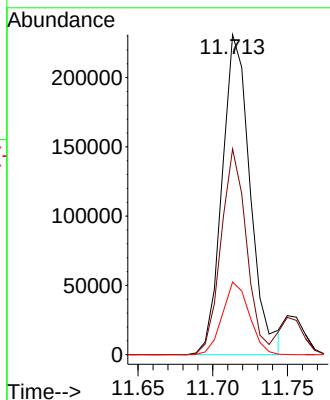
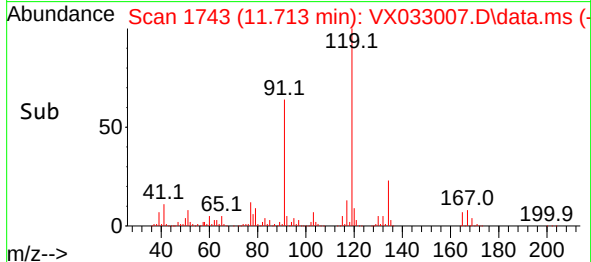
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



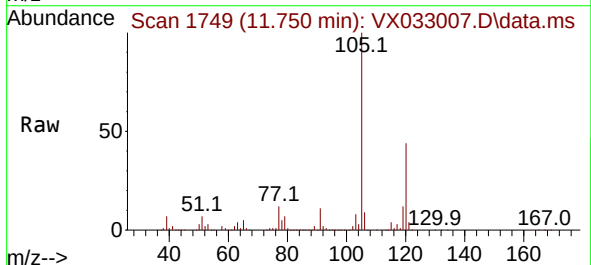
Tgt Ion:119 Resp: 301615
Ion Ratio Lower Upper
119 100
91 58.5 29.4 88.2
134 21.8 11.0 33.0

Manual Integrations
APPROVED

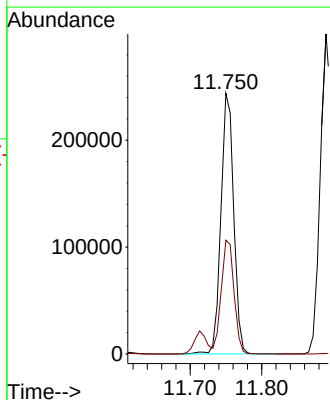
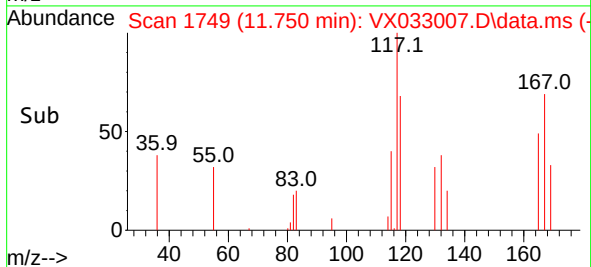
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

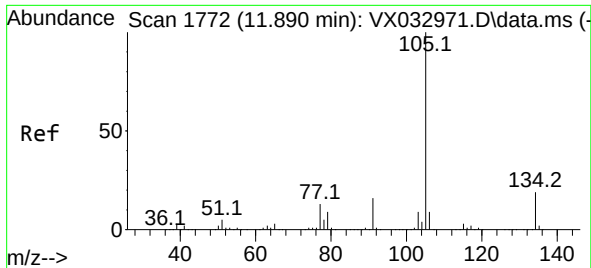


#84
1,2,4-Trimethylbenzene
Concen: 51.128 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



Tgt Ion:105 Resp: 303000
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 51.375 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033007.D
 Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

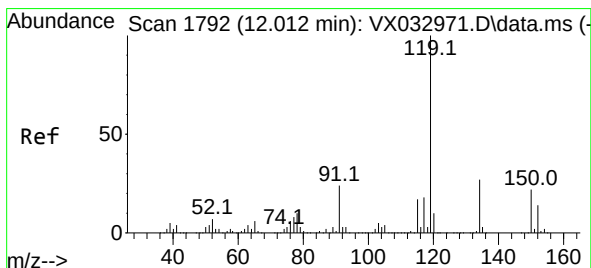
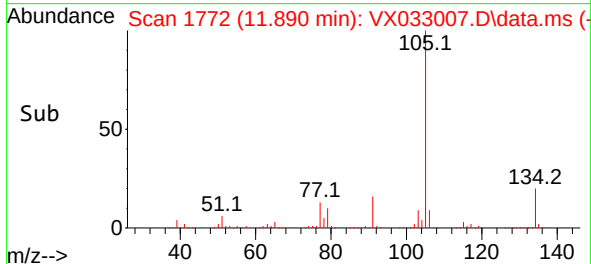
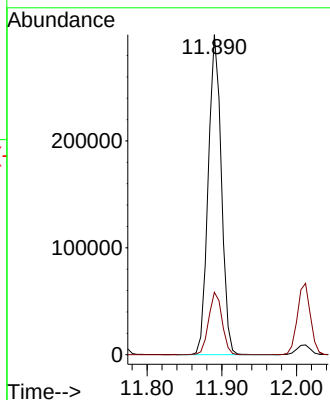
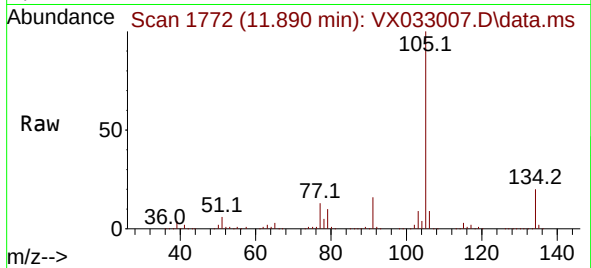
Tgt Ion:105 Resp: 363628
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

Manual Integrations

APPROVED

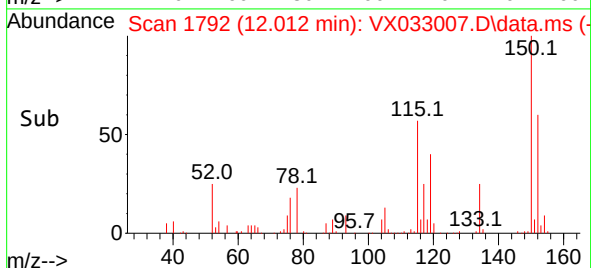
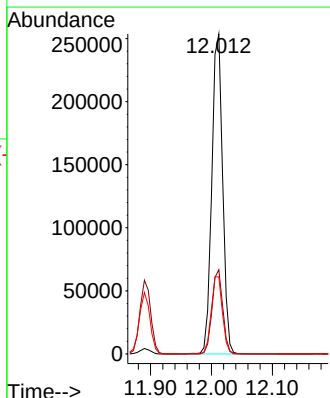
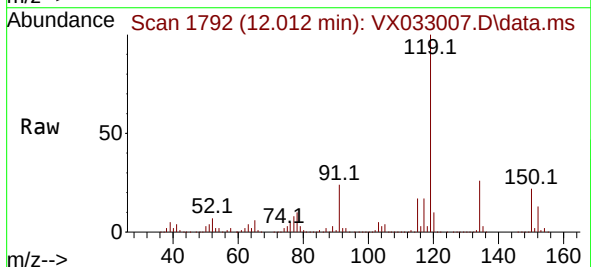
Reviewed By :John Carlone 11/23/2022

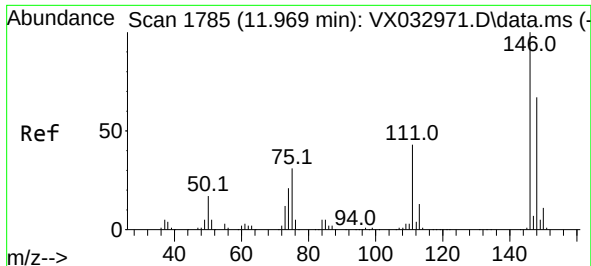
Supervised By :Mahesh Dadoda 11/28/2022



#86
 p-Isopropyltoluene
 Concen: 52.060 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX033007.D
 Acq: 23 Nov 2022 02:26

Tgt Ion:119 Resp: 312187
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 25.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 49.264 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 160775

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.8

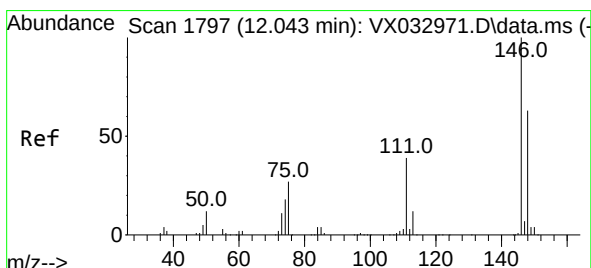
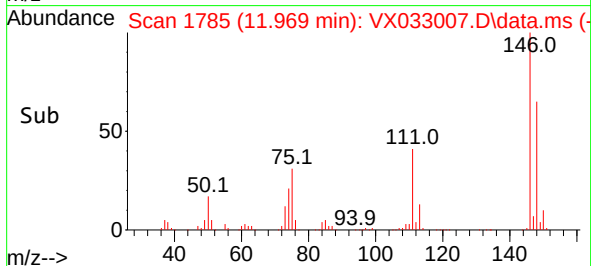
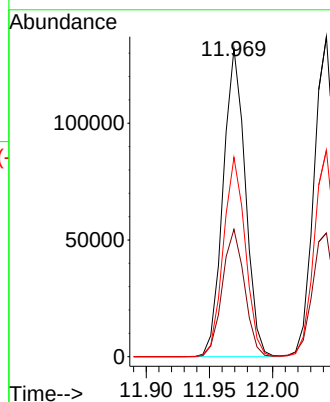
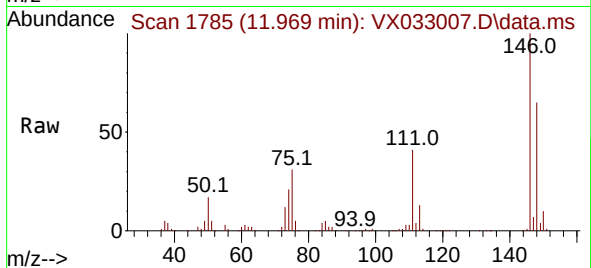
148 64.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#88

1,4-Dichlorobenzene

Concen: 49.060 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033007.D

Acq: 23 Nov 2022 02:26

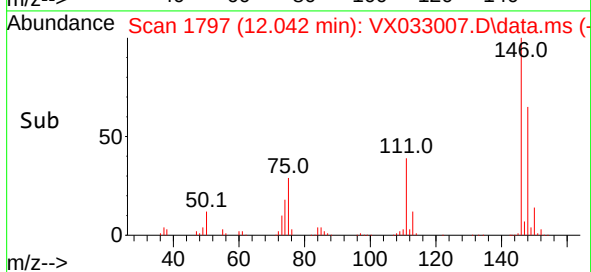
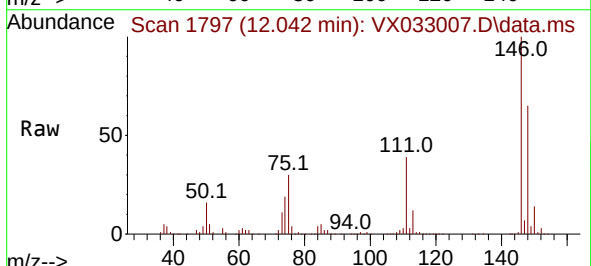
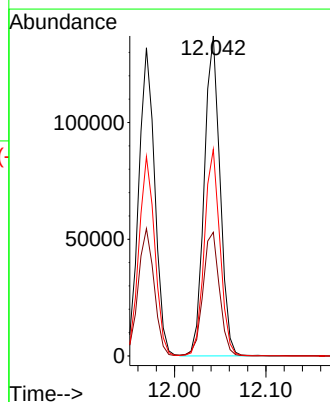
Tgt Ion:146 Resp: 163975

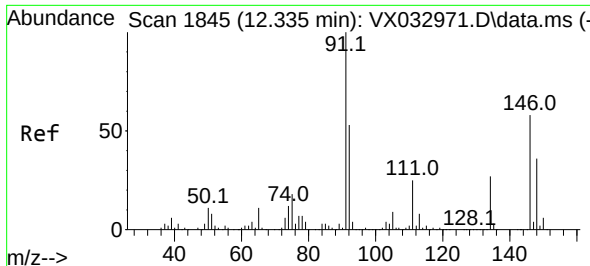
Ion Ratio Lower Upper

146 100

111 40.4 20.5 61.6

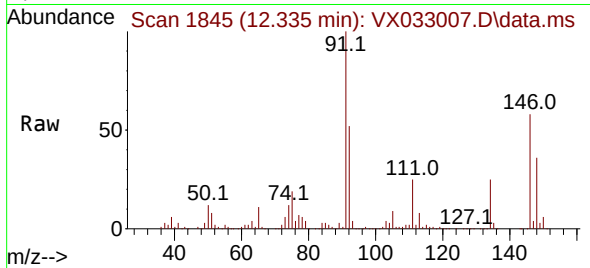
148 64.0 32.2 96.6





#89
n-Butylbenzene
Concen: 51.665 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

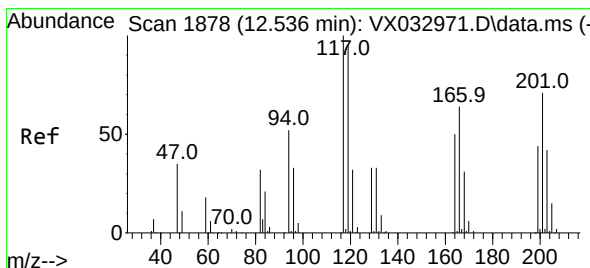
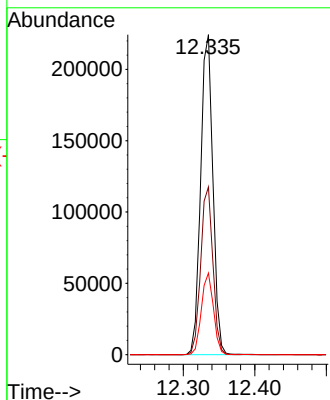
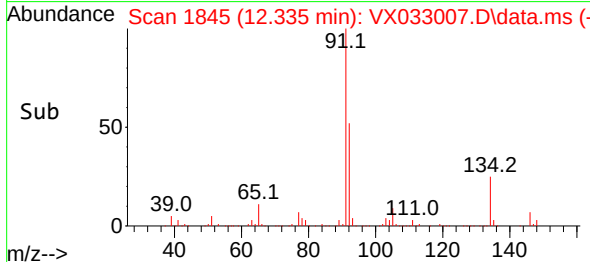
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 26690
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.6
134 25.2 12.9 38.6

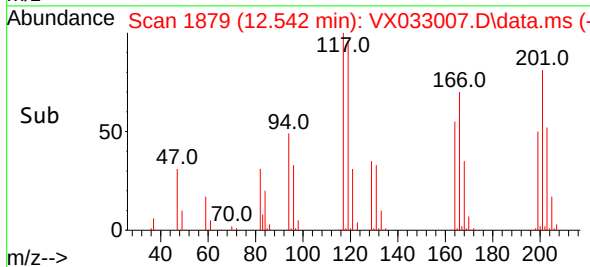
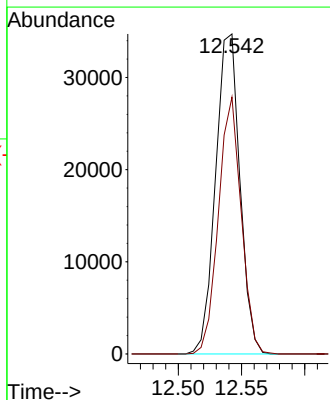
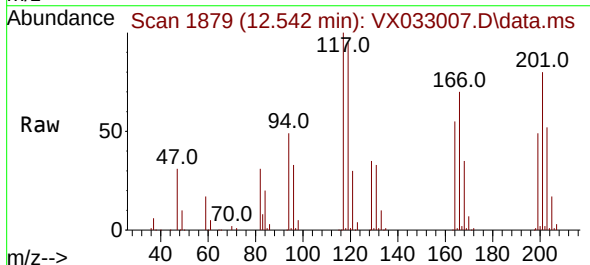
Manual Integrations
APPROVED

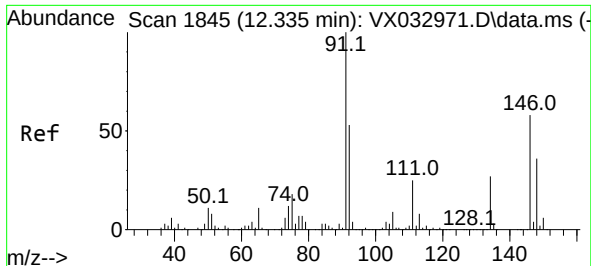
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#90
Hexachloroethane
Concen: 47.101 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

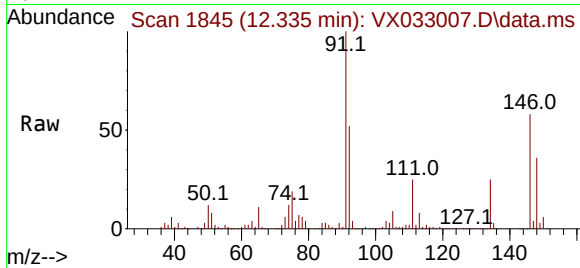
Tgt Ion:117 Resp: 46404
Ion Ratio Lower Upper
117 100
201 75.1 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 49.582 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

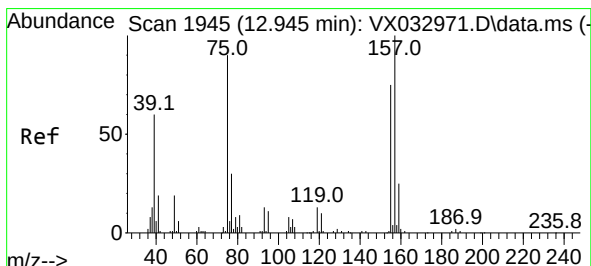
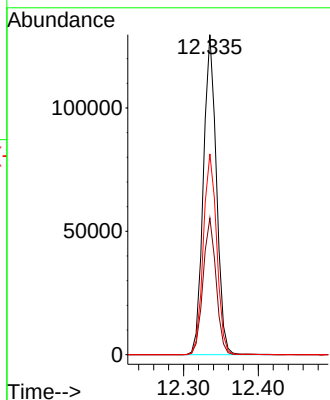
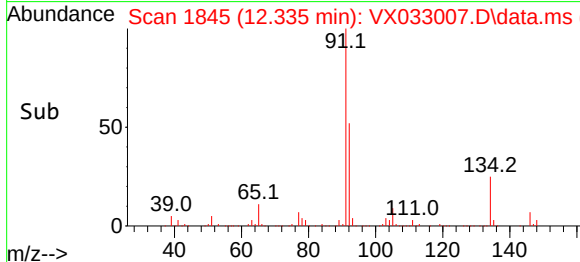
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



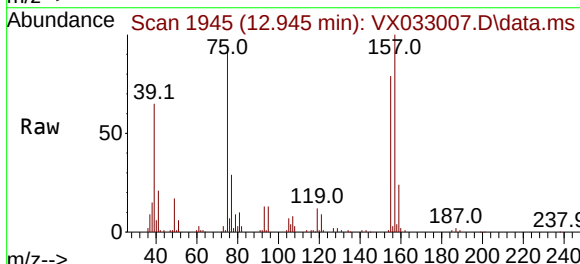
Tgt Ion:146 Resp: 157408
Ion Ratio Lower Upper
146 100
111 42.3 21.5 64.5
148 64.2 32.0 96.2

Manual Integrations
APPROVED

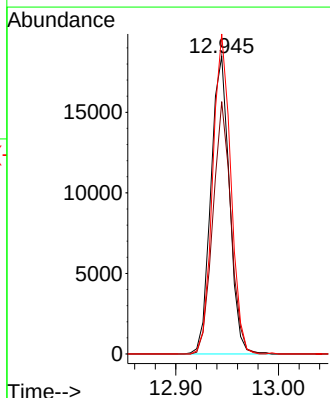
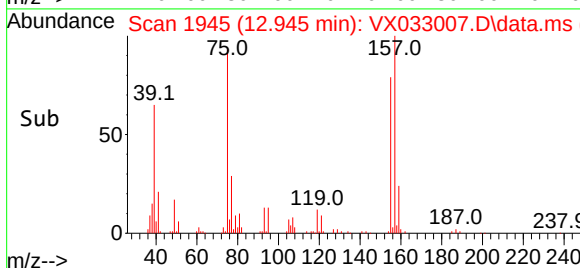
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

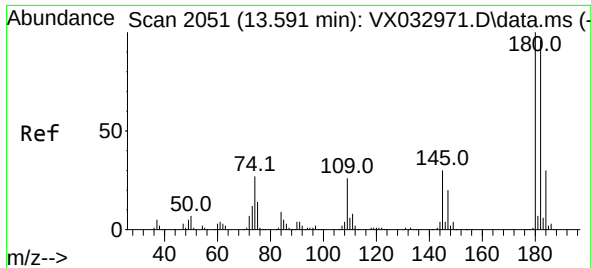


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.164 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



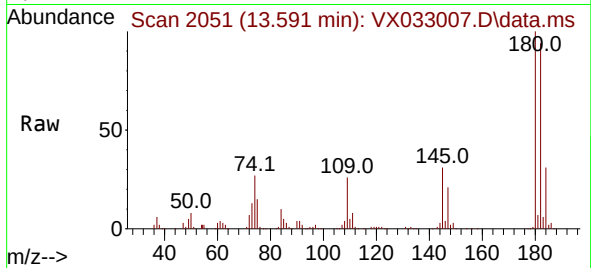
Tgt Ion: 75 Resp: 23076
Ion Ratio Lower Upper
75 100
155 82.5 41.6 124.8
157 105.2 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 49.265 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

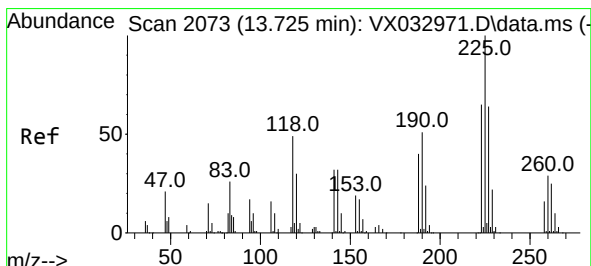
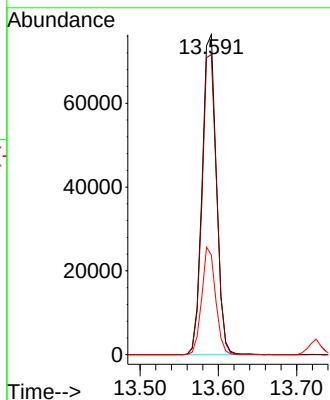
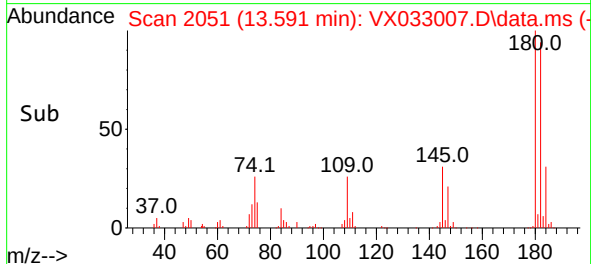
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



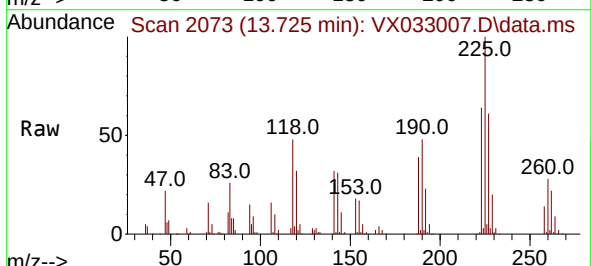
Tgt Ion:180 Resp: 96410
Ion Ratio Lower Upper
180 100
182 95.4 48.4 145.0
145 32.5 16.2 48.5

Manual Integrations
APPROVED

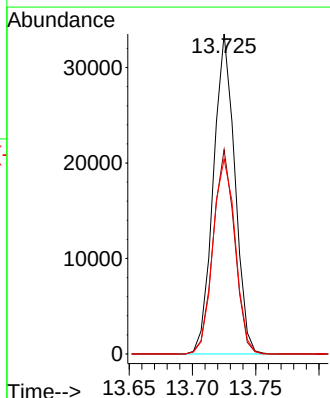
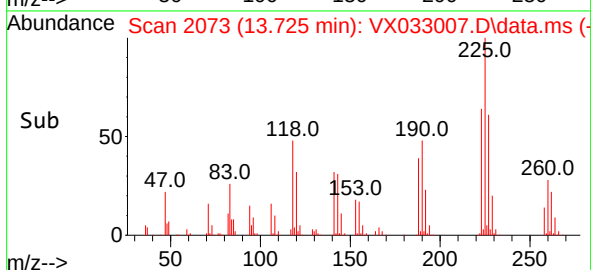
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

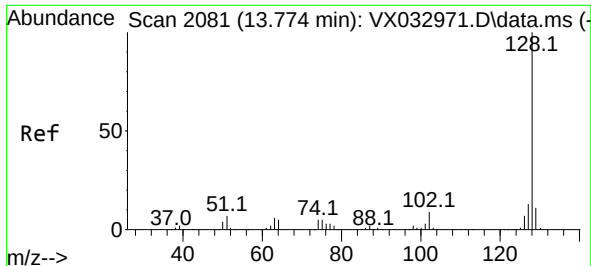


#94
Hexachlorobutadiene
Concen: 45.720 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



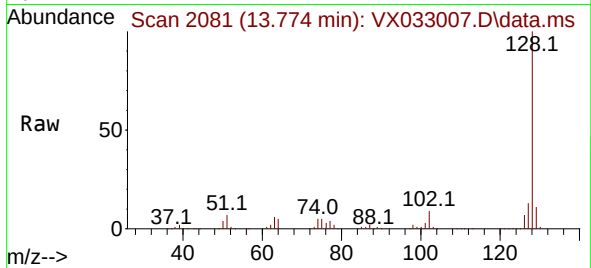
Tgt Ion:225 Resp: 39473
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.9
227 63.7 31.9 95.5





#95
Naphthalene
Concen: 51.952 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26

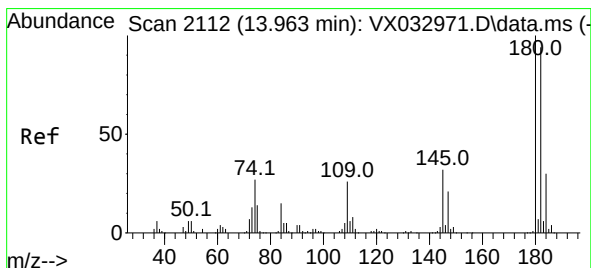
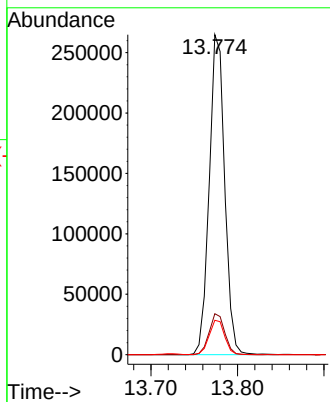
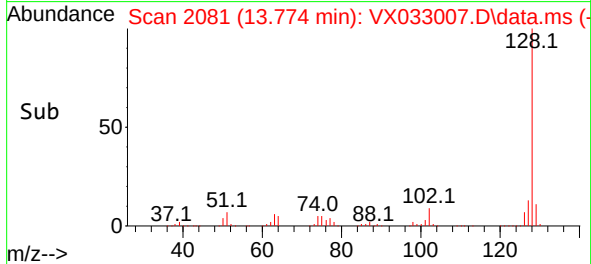
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



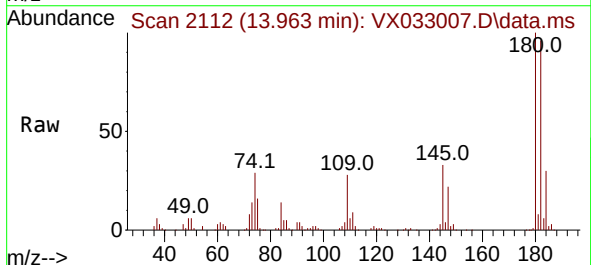
Tgt Ion:128 Resp: 328902
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.205 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033007.D
Acq: 23 Nov 2022 02:26



Tgt Ion:180 Resp: 96563
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.6
145 33.8 16.9 50.6

