

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036228.D
 Acq On : 20 Jun 2023 09:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 01:55:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	174637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	299165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	259074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	129077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157029	49.204	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.400%		
35) Dibromofluoromethane	5.379	113	105928	52.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.420%		
50) Toluene-d8	8.647	98	379045	51.079	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.160%		
62) 4-Bromofluorobenzene	11.079	95	143111	47.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91424	42.650	ug/l	97
3) Chloromethane	1.295	50	96448	42.526	ug/l	98
4) Vinyl Chloride	1.374	62	95415	44.162	ug/l	97
5) Bromomethane	1.618	94	58664	44.170	ug/l	97
6) Chloroethane	1.691	64	63558	45.464	ug/l	97
7) Trichlorofluoromethane	1.886	101	156334	44.711	ug/l	98
8) Diethyl Ether	2.130	74	54050	41.531	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	98953	49.625	ug/l	98
10) Methyl Iodide	2.453	142	106129	51.619	ug/l	99
11) Tert butyl alcohol	3.002	59	99280m	203.485	ug/l	
12) 1,1-Dichloroethene	2.319	96	89185	47.299	ug/l	97
13) Acrolein	2.239	56	89123	164.488	ug/l	99
14) Allyl chloride	2.666	41	179824	47.134	ug/l	95
15) Acrylonitrile	3.062	53	273449	219.092	ug/l	98
16) Acetone	2.392	43	321177	242.230	ug/l	98
17) Carbon Disulfide	2.514	76	222497	47.740	ug/l	100
18) Methyl Acetate	2.703	43	225291	44.801	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	344308	46.646	ug/l	100
20) Methylene Chloride	2.788	84	103868	43.237	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	97035	46.318	ug/l	98
22) Diisopropyl ether	3.757	45	356951	47.016	ug/l	89
23) Vinyl Acetate	3.715	43	1300664	241.723	ug/l	100
24) 1,1-Dichloroethane	3.605	63	197854	47.168	ug/l	98
25) 2-Butanone	4.556	43	426122	229.560	ug/l	99
26) 2,2-Dichloropropane	4.471	77	166394	51.011	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	114195	47.668	ug/l	98
28) Bromochloromethane	4.891	49	110971	50.749	ug/l	97
29) Tetrahydrofuran	5.001	42	255813	216.988	ug/l	99
30) Chloroform	5.087	83	208056	47.096	ug/l	100
31) Cyclohexane	5.464	56	168023	49.077	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	181941	48.577	ug/l	98
36) 1,1-Dichloropropene	5.690	75	148092	49.557	ug/l	99
37) Ethyl Acetate	4.709	43	155271	44.597	ug/l	100
38) Carbon Tetrachloride	5.672	117	152199	52.392	ug/l	99
39) Methylcyclohexane	7.379	83	174978	54.367	ug/l	96
40) Benzene	6.031	78	412624	49.101	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	89533	46.643	ug/l	98
42) 1,2-Dichloroethane	6.080	62	186812	49.345	ug/l	98
43) Isopropyl Acetate	6.336	43	262104	49.191	ug/l	98
44) Trichloroethene	7.123	130	104348	49.690	ug/l	97
45) 1,2-Dichloropropane	7.428	63	109521	49.021	ug/l	98
46) Dibromomethane	7.580	93	78476	49.307	ug/l	97
47) Bromodichloromethane	7.818	83	155979	51.048	ug/l	98
48) Methyl methacrylate	7.690	41	132151	48.341	ug/l	97
49) 1,4-Dioxane	7.708	88	47720	1042.603	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	806243	239.638	ug/l	98
52) Toluene	8.714	92	260175	49.449	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	167793	53.313	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	177569	52.612	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	103344	47.579	ug/l	93
56) Ethyl methacrylate	9.116	69	167541	51.062	ug/l	94
57) 1,3-Dichloropropane	9.305	76	184990	47.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	405169	224.039	ug/l	98
59) 2-Hexanone	9.427	43	625328	250.005	ug/l	97
60) Dibromochloromethane	9.519	129	107020	50.480	ug/l	100
61) 1,2-Dibromoethane	9.610	107	109641	48.412	ug/l	98
64) Tetrachloroethene	9.275	164	89622	55.601	ug/l	98
65) Chlorobenzene	10.079	112	254800	47.462	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	94975	51.266	ug/l	99
67) Ethyl Benzene	10.189	91	480682	50.135	ug/l	98
68) m/p-Xylenes	10.299	106	364649	100.807	ug/l	98
69) o-Xylene	10.640	106	175730	49.240	ug/l	96
70) Styrene	10.653	104	304208	51.157	ug/l	98
71) Bromoform	10.799	173	64862	50.855	ug/l #	100
73) Isopropylbenzene	10.957	105	475362	49.632	ug/l	99
74) N-amyl acetate	10.842	43	224083	51.774	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	156545	47.734	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	138654m	45.262	ug/l	
77) Bromobenzene	11.195	156	105466	46.999	ug/l	94
78) n-propylbenzene	11.305	91	586306	52.036	ug/l	98
79) 2-Chlorotoluene	11.360	91	350766	49.496	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	414803	50.861	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	45250	51.703	ug/l	93
82) 4-Chlorotoluene	11.451	91	411052	49.781	ug/l	98
83) tert-Butylbenzene	11.713	119	389453	50.230	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	413752	50.862	ug/l	98
85) sec-Butylbenzene	11.890	105	515316	53.378	ug/l	99
86) p-Isopropyltoluene	12.006	119	426087	52.459	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	210798	49.258	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	211939	48.349	ug/l	99
89) n-Butylbenzene	12.329	91	403635	55.684	ug/l	98
90) Hexachloroethane	12.536	117	68722	53.939	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	206007	49.048	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35547	49.142	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	124179	52.157	ug/l	99
94) Hexachlorobutadiene	13.725	225	49747	52.855	ug/l	99
95) Naphthalene	13.774	128	412025	50.171	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	120888	50.634	ug/l	99

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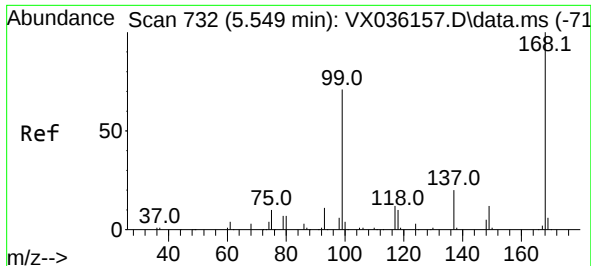
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Response via : Initial Calibration

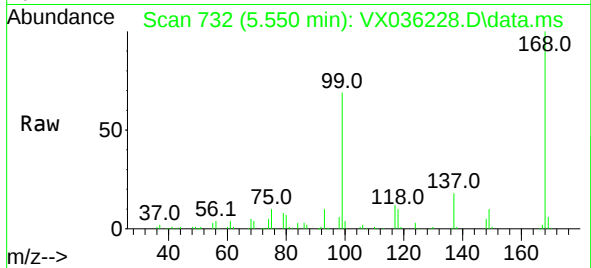
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036228.D
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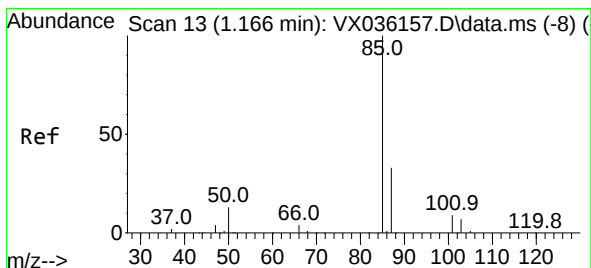
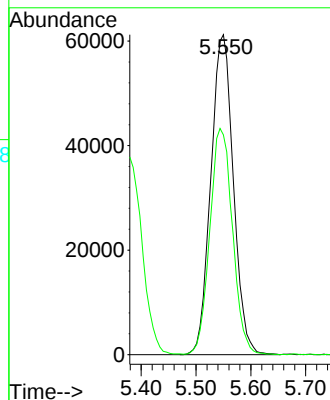
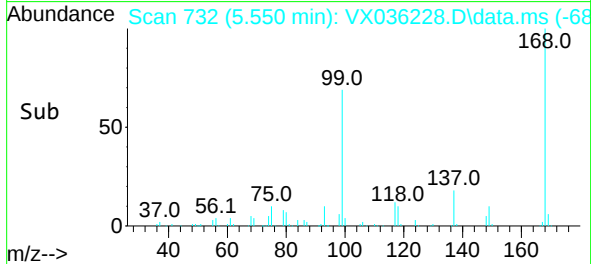
Instrument :
MSVOA_X
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VSTDCCC050



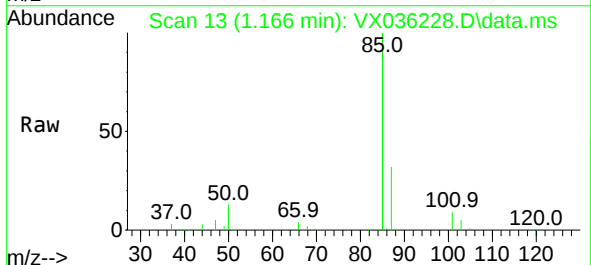
Tgt Ion:168 Resp: 17463
Ion Ratio Lower Upper
168 100
99 68.7 56.6 85.0

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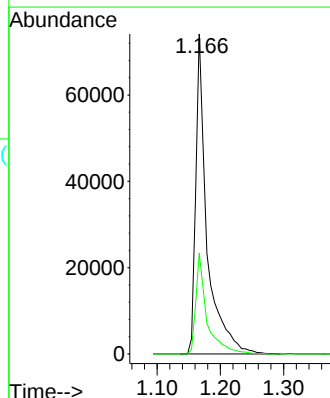
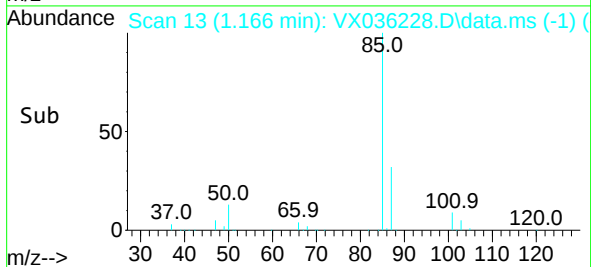
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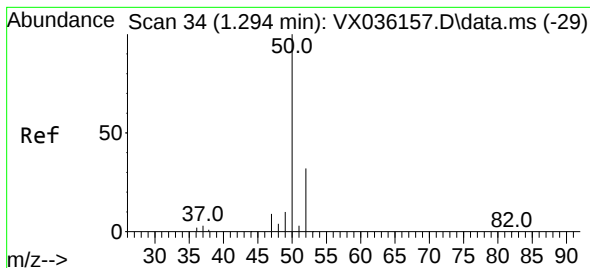


#2
Dichlorodifluoromethane
Concen: 42.650 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



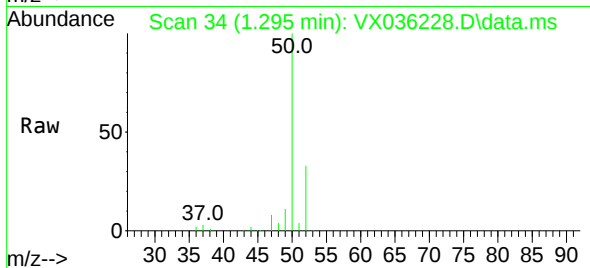
Tgt Ion: 85 Resp: 91424
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





#3
Chloromethane
Concen: 42.526 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

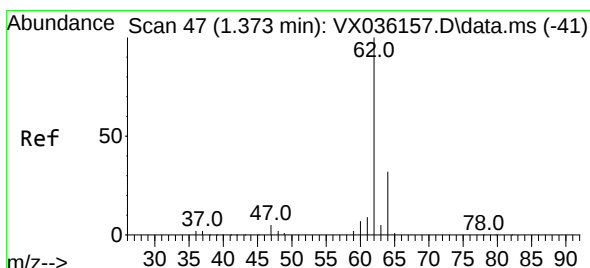
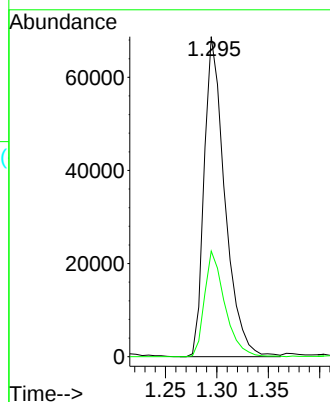
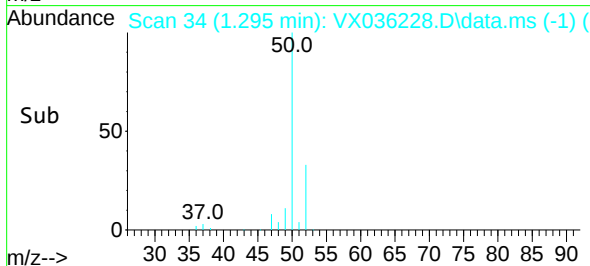
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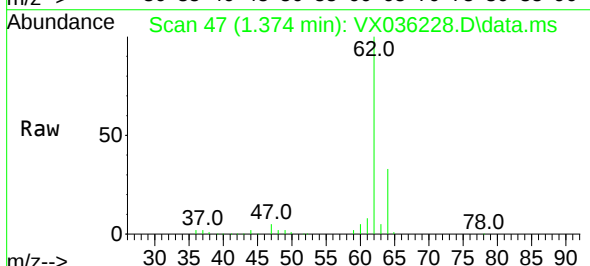
Tgt Ion: 50 Resp: 96448
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

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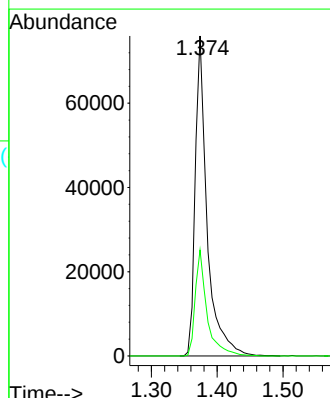
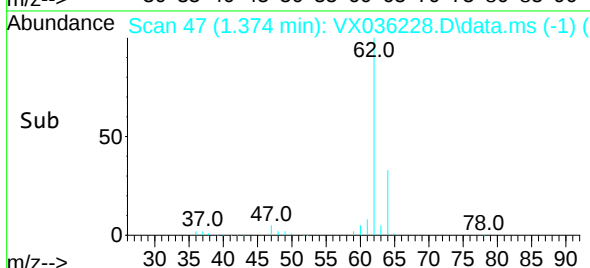
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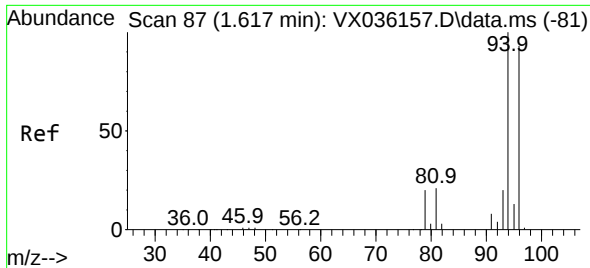


#4
Vinyl Chloride
Concen: 44.162 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



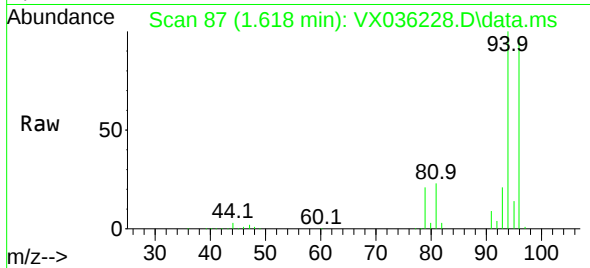
Tgt Ion: 62 Resp: 95415
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





#5
Bromomethane
Concen: 44.170 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

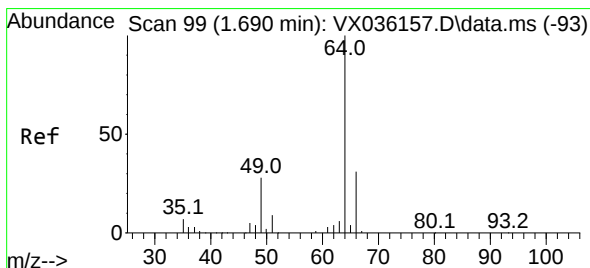
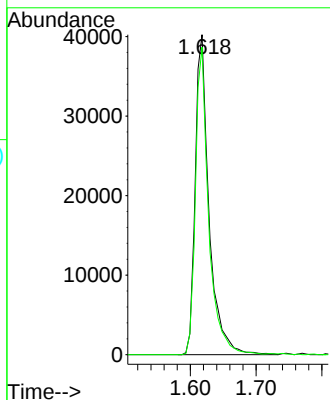
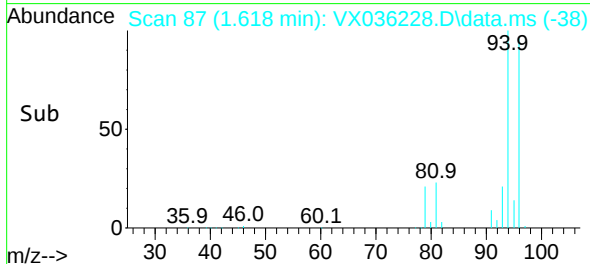
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Tgt Ion: 94 Resp: 5864
Ion Ratio Lower Upper
94 100
96 96.1 74.6 111.8

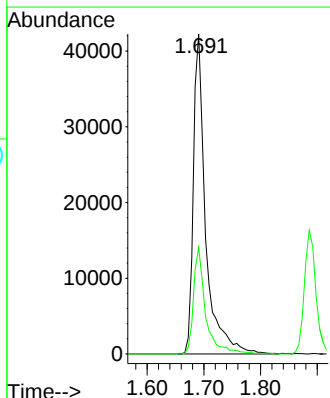
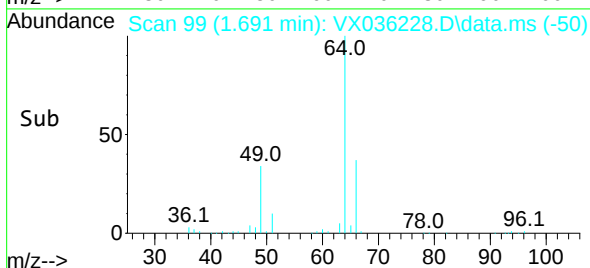
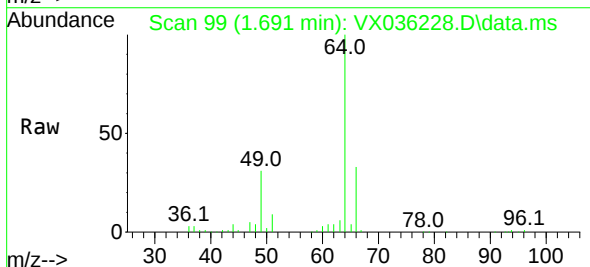
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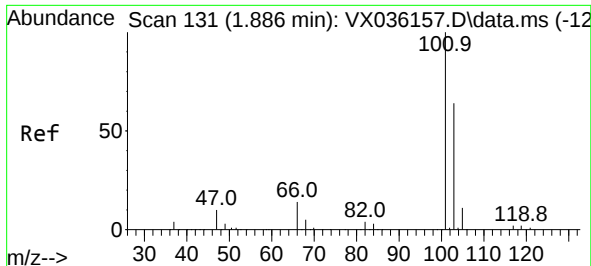
Reviewed By :John Carlone 06/22/2023
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#6
Chloroethane
Concen: 45.464 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036228.D
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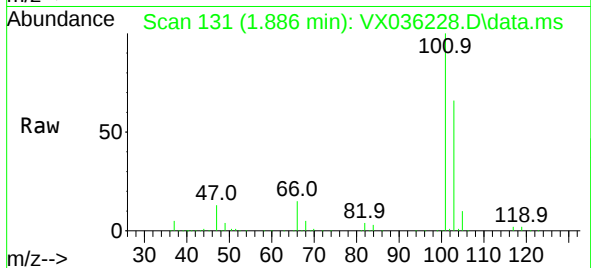
Tgt Ion: 64 Resp: 63558
Ion Ratio Lower Upper
64 100
66 33.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 44.711 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036228.D
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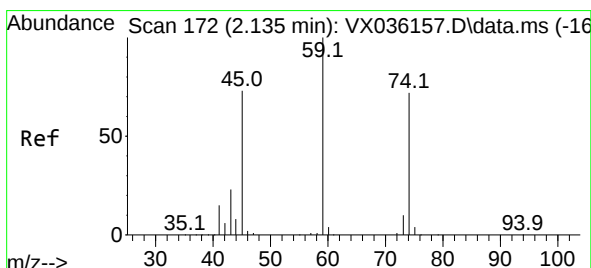
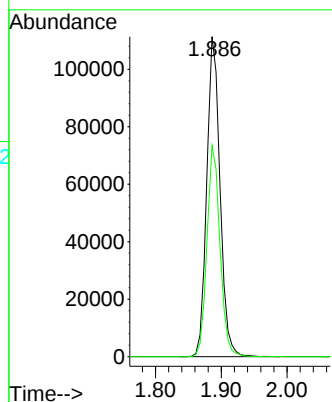
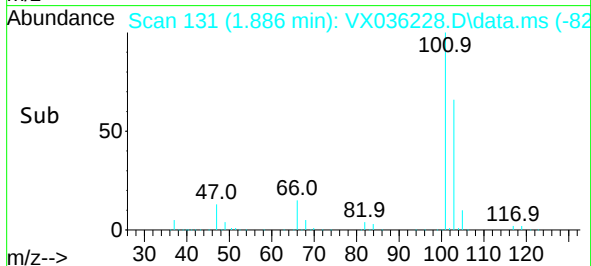
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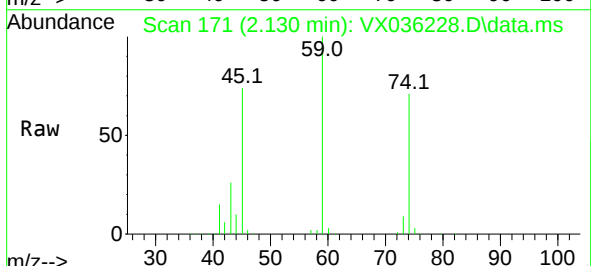
Tgt Ion:101 Resp: 156334
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.2

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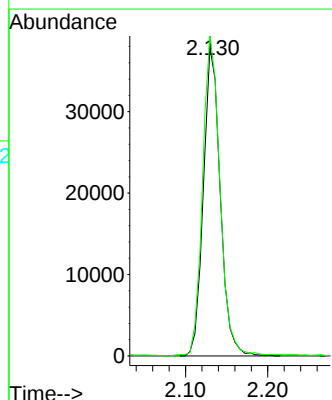
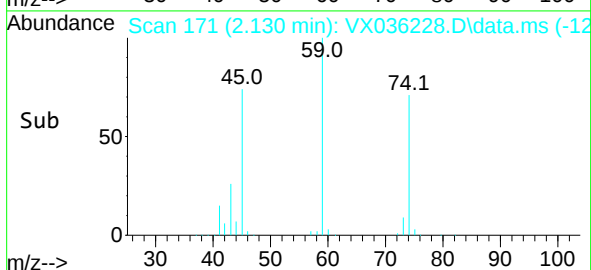
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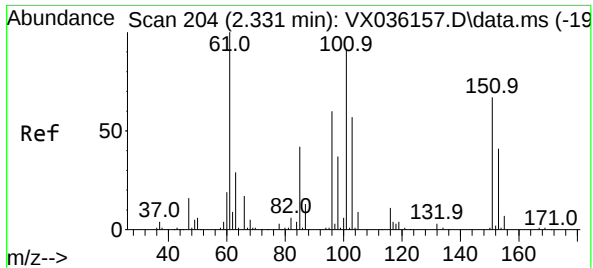


#8
Diethyl Ether
Concen: 41.531 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



Tgt Ion: 74 Resp: 54050
Ion Ratio Lower Upper
74 100
45 107.3 53.3 159.8





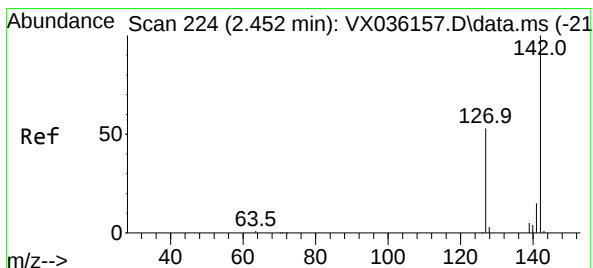
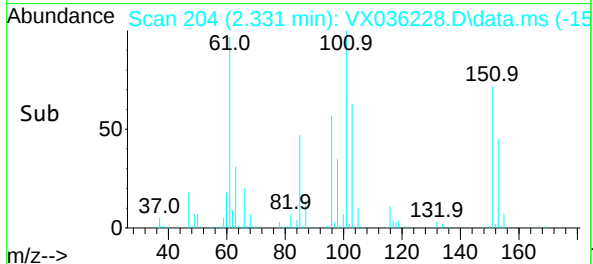
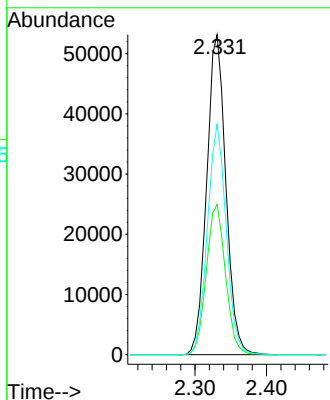
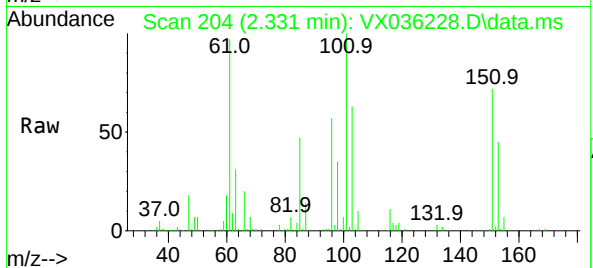
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.625 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9895
Ion Ratio Lower Upper
101 100
85 47.1 37.0 55.6
151 70.7 58.6 87.8

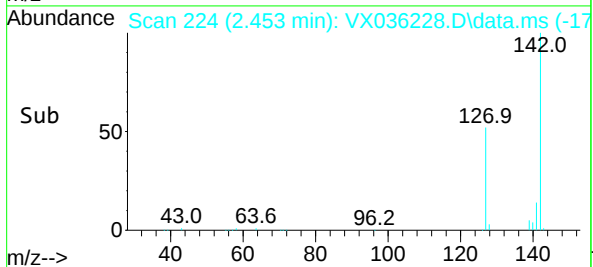
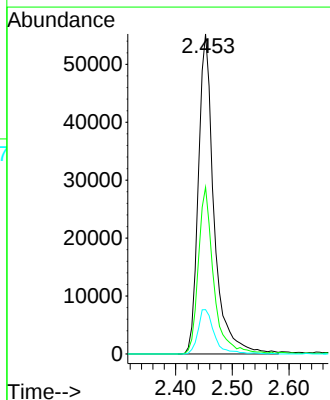
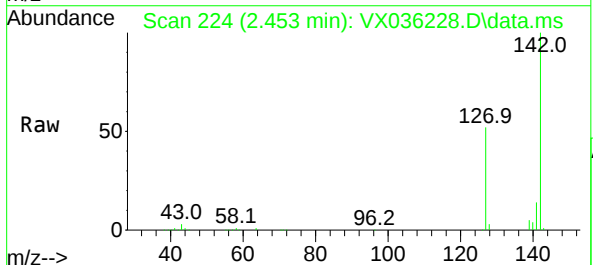
Manual Integrations
APPROVED

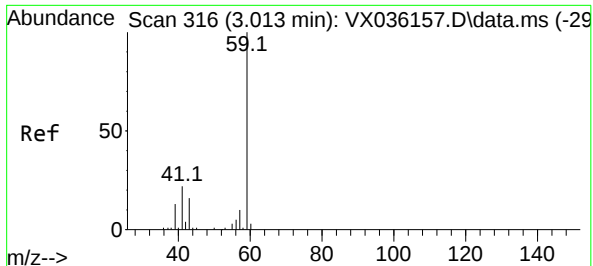
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 51.619 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

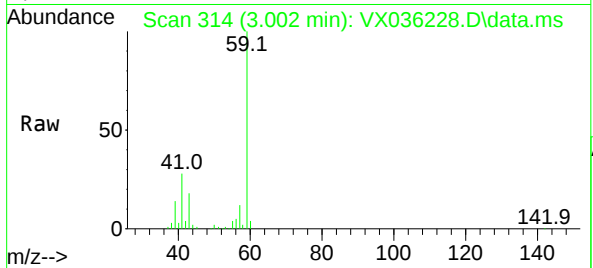
Tgt Ion:142 Resp: 106129
Ion Ratio Lower Upper
142 100
127 50.8 41.6 62.4
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 203.485 ug/l m
RT: 3.002 min Scan# 316
Delta R.T. -0.011 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

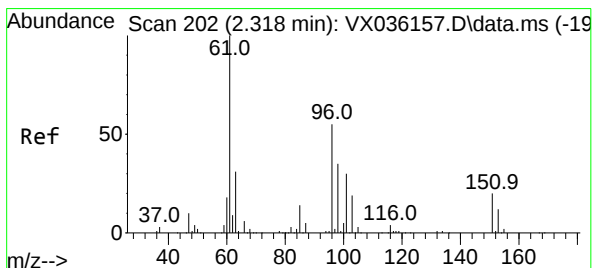
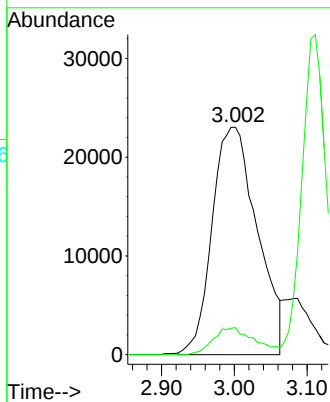
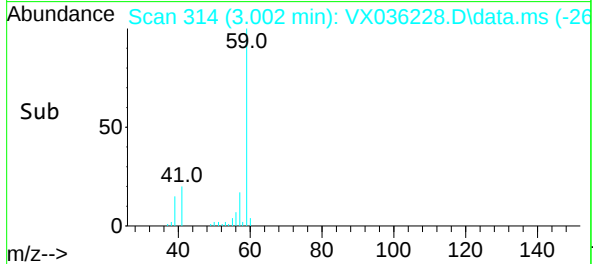
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



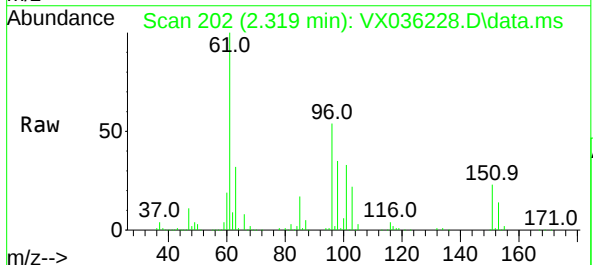
Tgt Ion: 59 Resp: 99280
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

Manual Integrations
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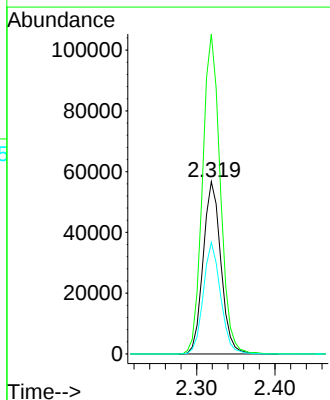
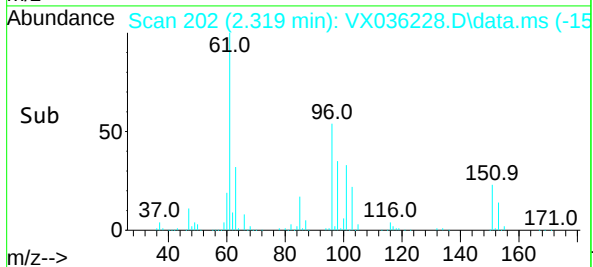
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

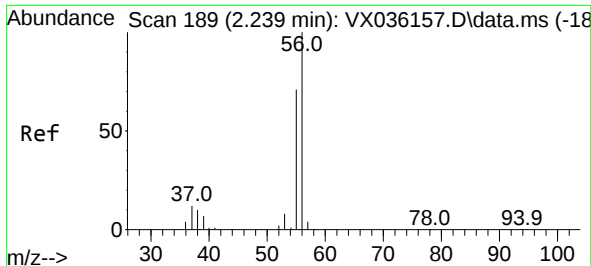


#12
1,1-Dichloroethene
Concen: 47.299 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



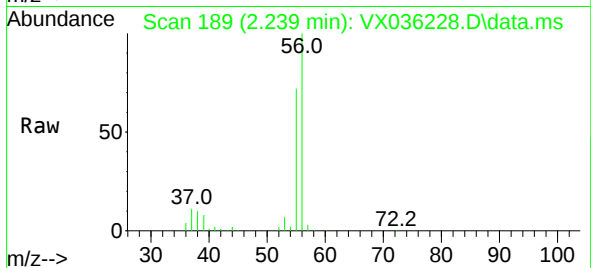
Tgt Ion: 96 Resp: 89185
Ion Ratio Lower Upper
96 100
61 185.7 144.6 216.8
98 64.7 50.4 75.6





#13
Acrolein
Concen: 164.488 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

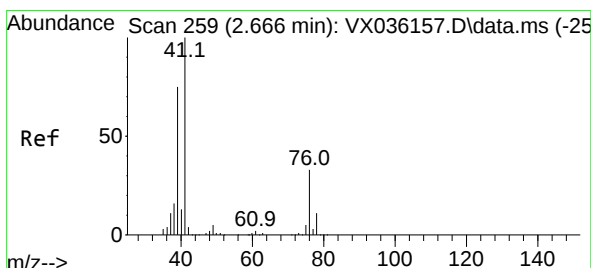
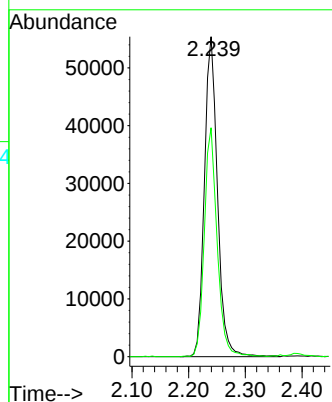
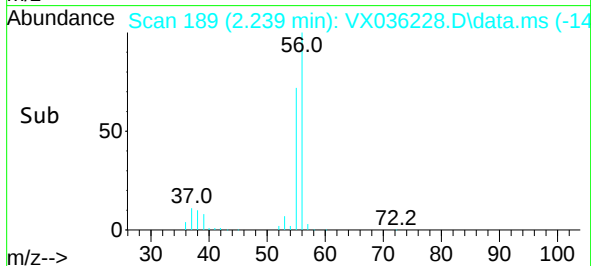
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 8912
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7

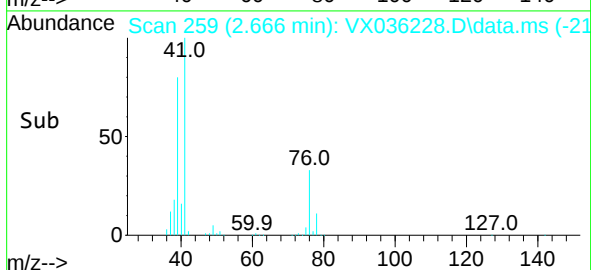
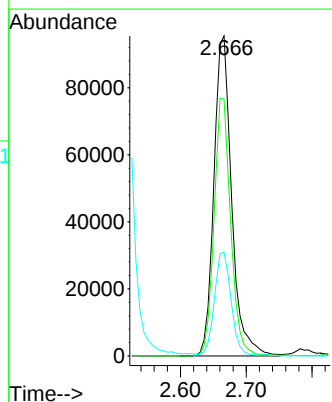
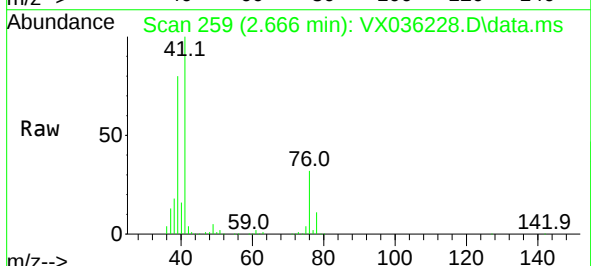
Manual Integrations
APPROVED

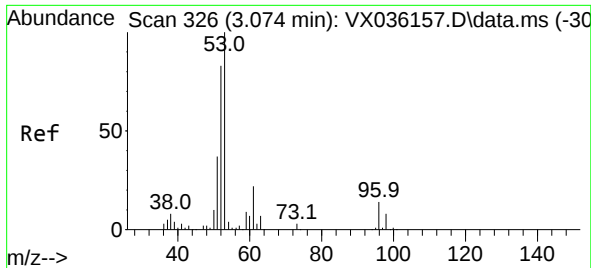
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#14
Allyl chloride
Concen: 47.134 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

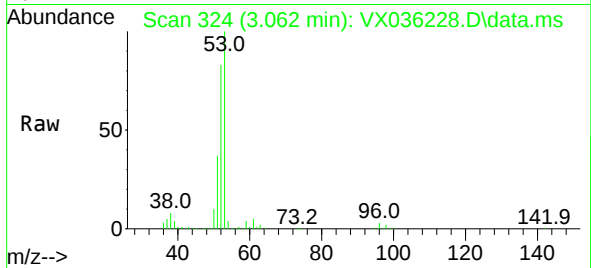
Tgt Ion: 41 Resp: 179824
Ion Ratio Lower Upper
41 100
39 75.3 55.8 83.6
76 30.7 24.3 36.5





#15
Acrylonitrile
Concen: 219.092 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

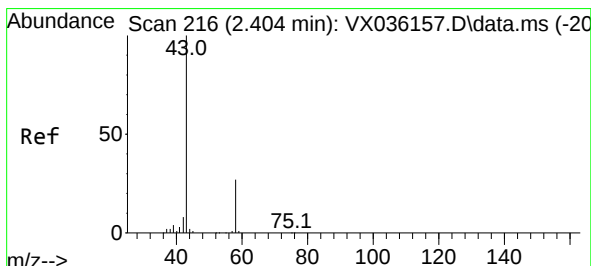
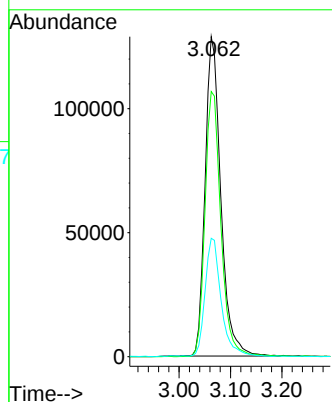
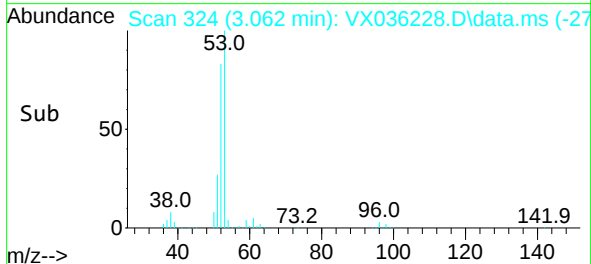
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 273449
Ion Ratio Lower Upper
53 100
52 84.5 66.0 99.0
51 37.7 29.8 44.6

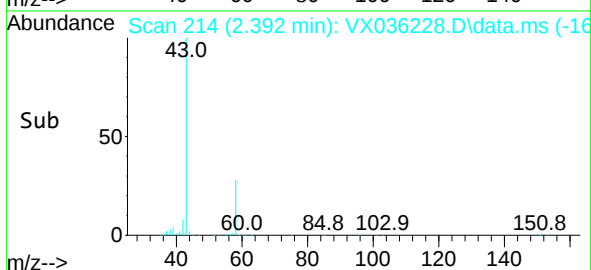
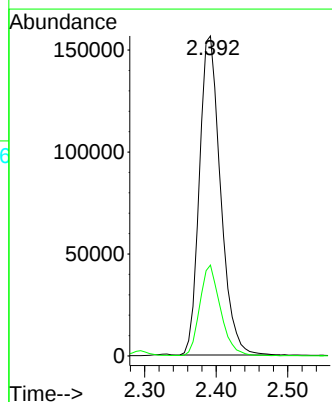
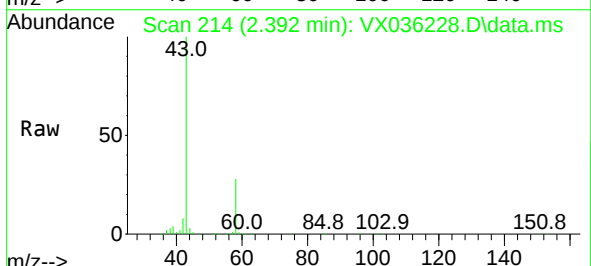
Manual Integrations
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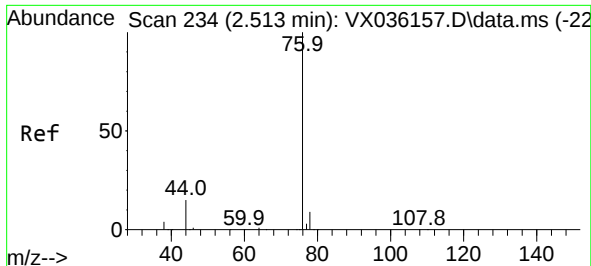
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#16
Acetone
Concen: 242.230 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Tgt Ion: 43 Resp: 321177
Ion Ratio Lower Upper
43 100
58 28.4 21.9 32.9





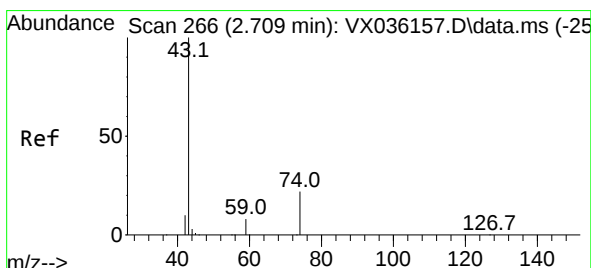
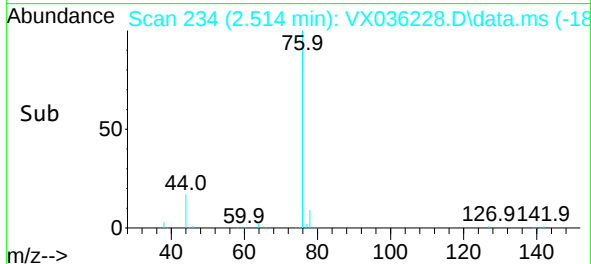
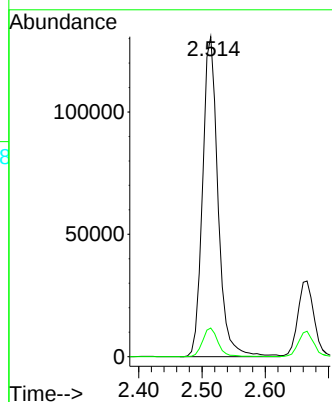
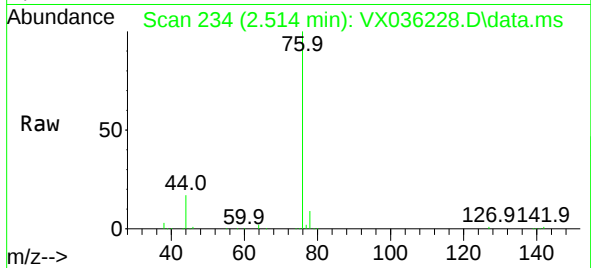
#17
Carbon Disulfide
Concen: 47.740 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 22249
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

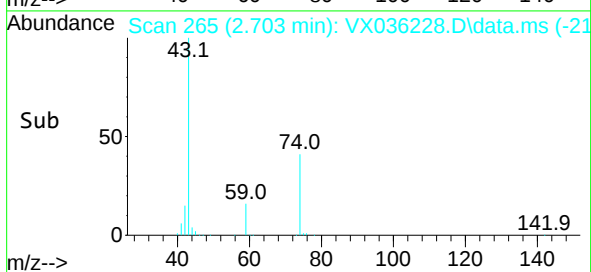
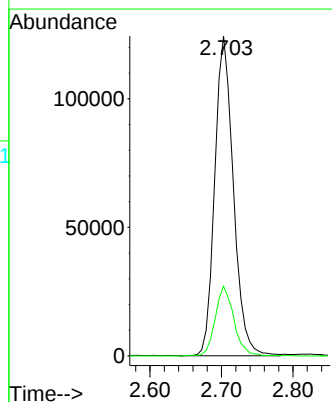
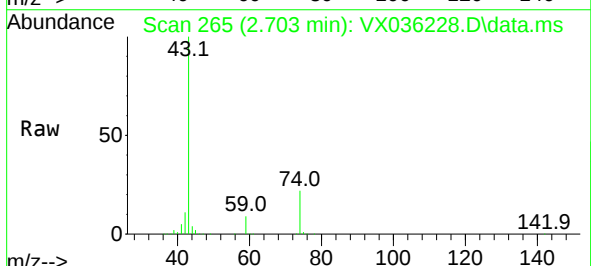
Manual Integrations
APPROVED

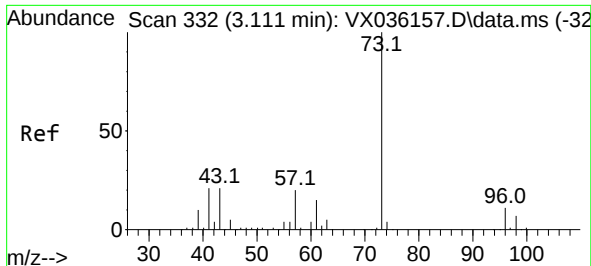
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#18
Methyl Acetate
Concen: 44.801 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

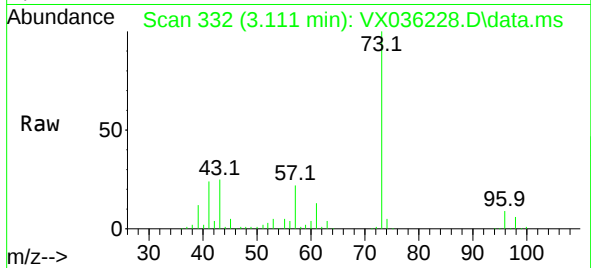
Tgt Ion: 43 Resp: 225291
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 46.646 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

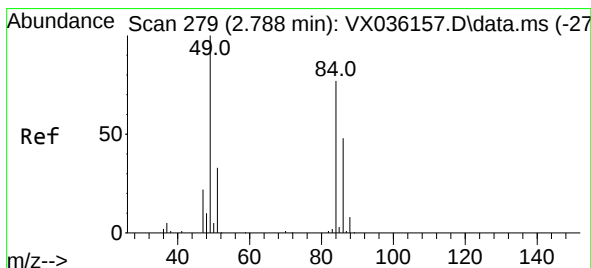
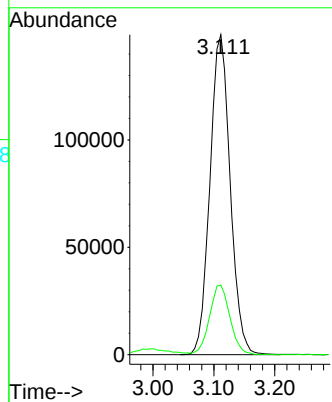
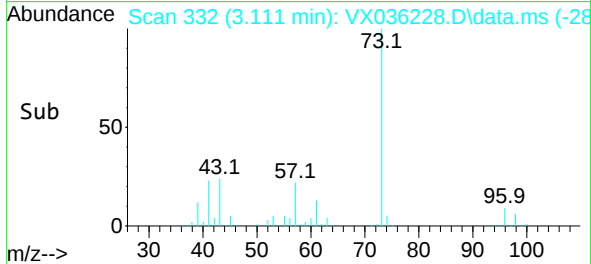
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 344308
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

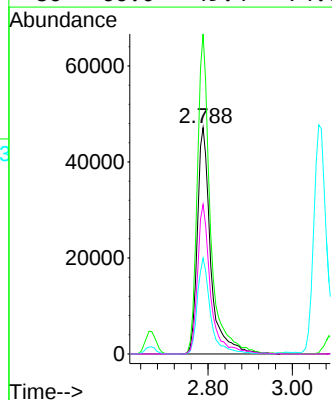
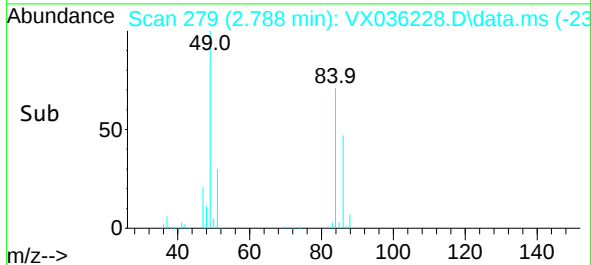
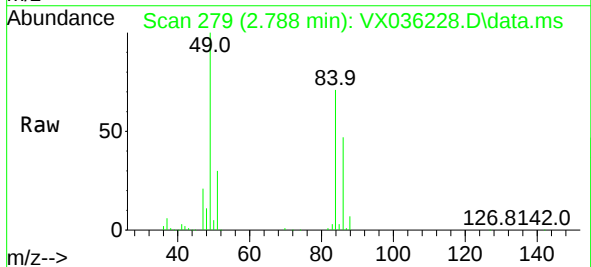
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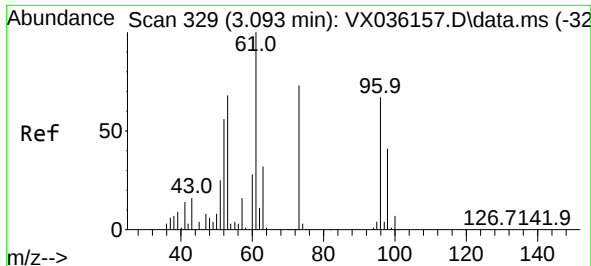
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 43.237 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Tgt Ion: 84 Resp: 103868
Ion Ratio Lower Upper
84 100
49 141.3 103.6 155.4
51 42.3 33.8 50.6
86 66.0 49.4 74.0





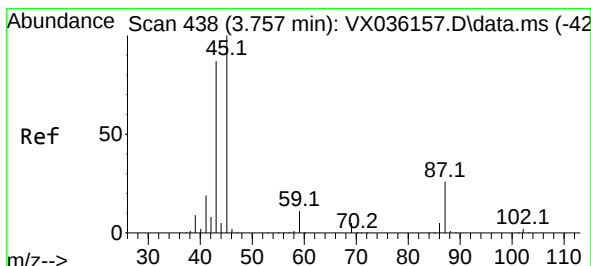
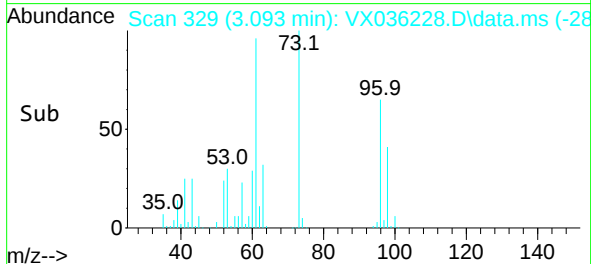
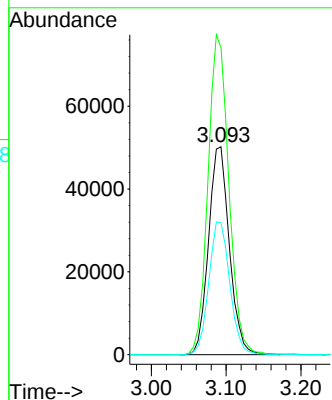
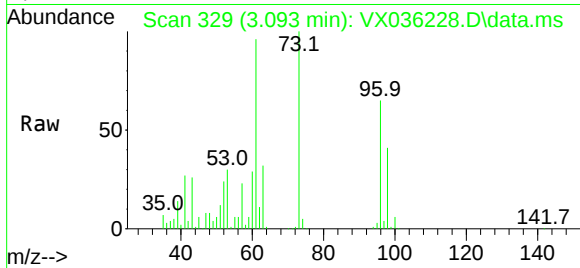
#21
trans-1,2-Dichloroethene
Concen: 46.318 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 97035
Ion Ratio Lower Upper
96 100
61 147.8 119.2 178.8
98 63.5 48.7 73.1

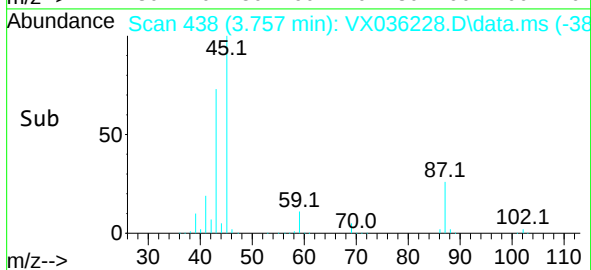
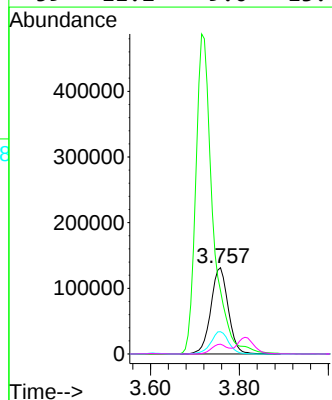
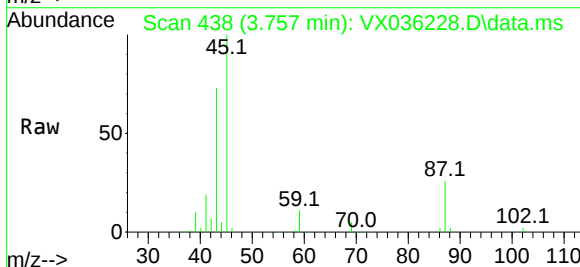
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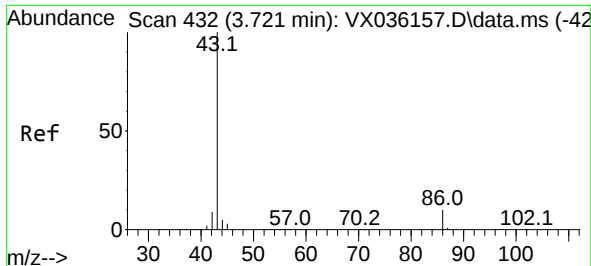
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 47.016 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

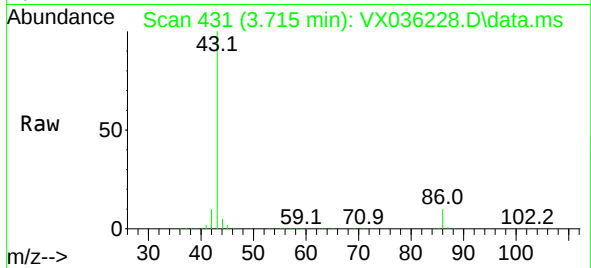
Tgt Ion: 45 Resp: 356951
Ion Ratio Lower Upper
45 100
43 73.0 69.7 104.5
87 25.8 20.8 31.2
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 241.723 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX036228.D
 Acq: 20 Jun 2023 09:08

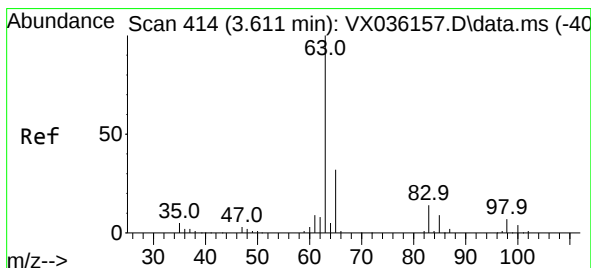
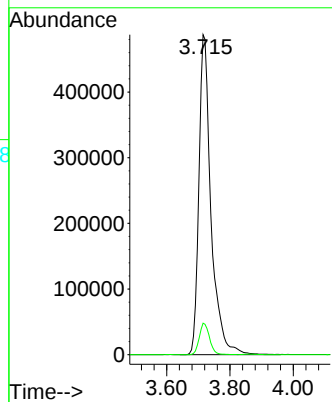
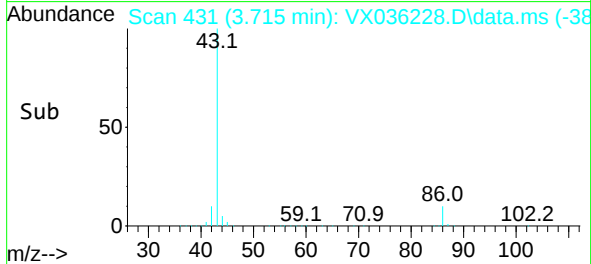
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



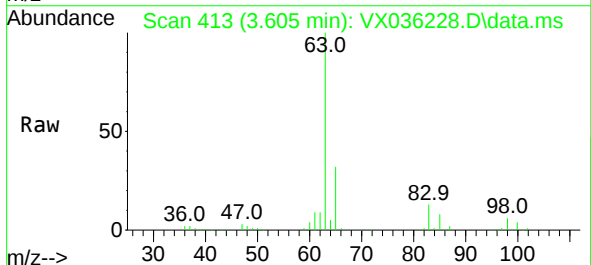
Tgt Ion: 43 Resp: 1300664
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

Manual Integrations
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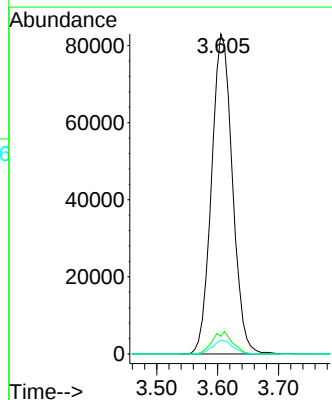
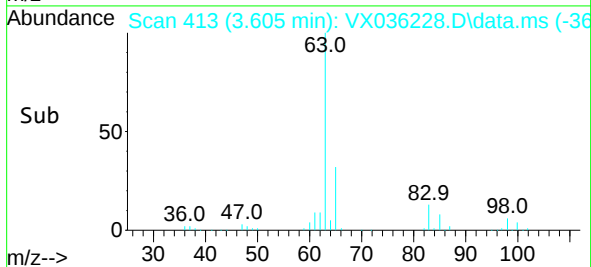
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

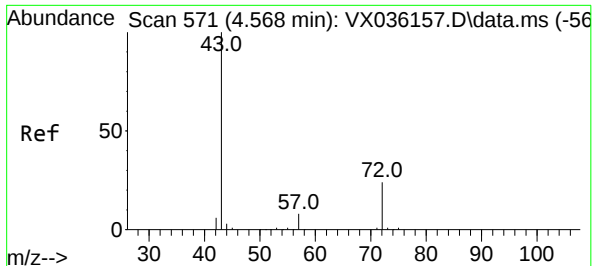


#24
 1,1-Dichloroethane
 Concen: 47.168 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036228.D
 Acq: 20 Jun 2023 09:08



Tgt Ion: 63 Resp: 197854
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.8
 100 4.2 2.1 6.5





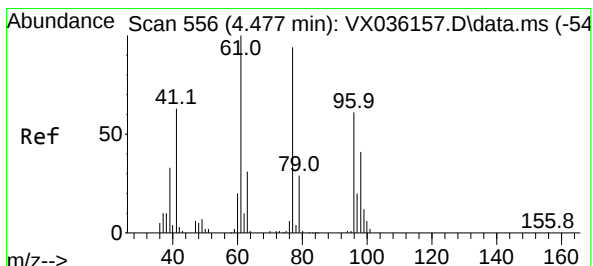
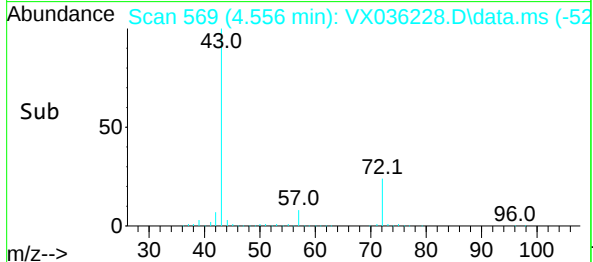
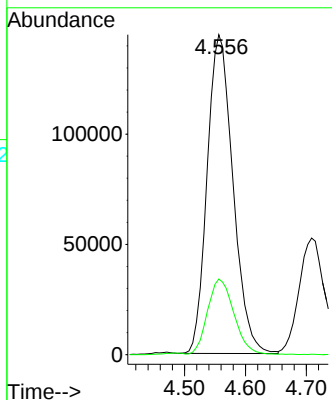
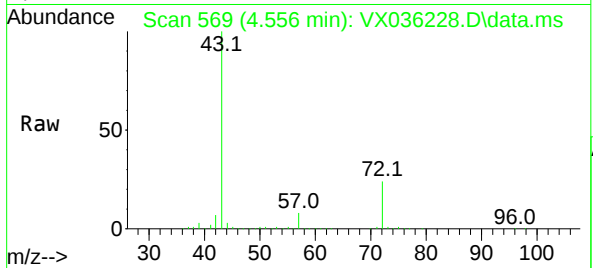
#25
2-Butanone
Concen: 229.560 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 42612
Ion Ratio Lower Upper
43 100
72 23.6 19.4 29.2

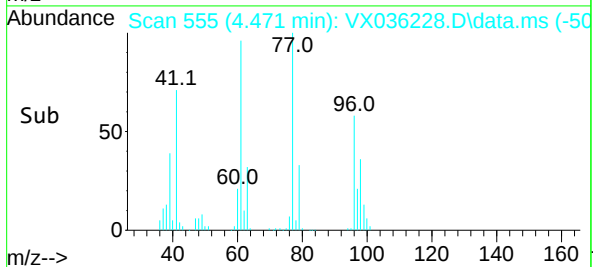
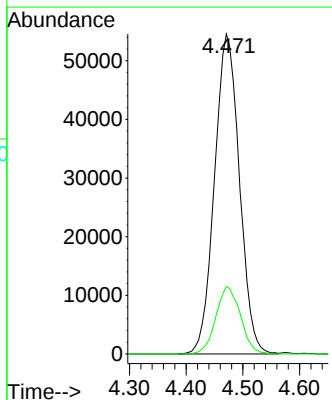
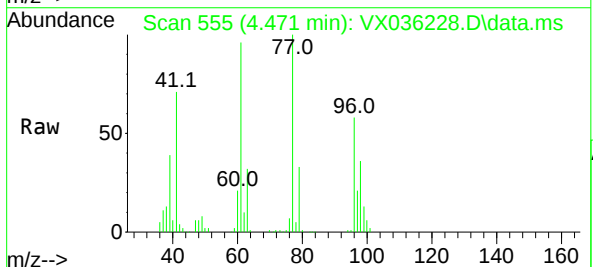
Manual Integrations
APPROVED

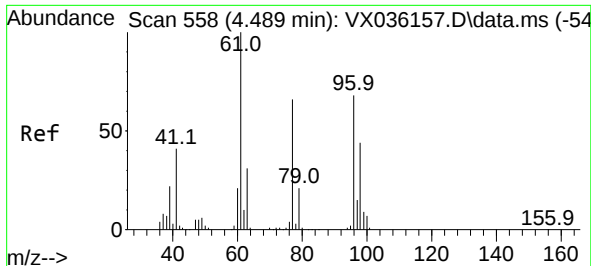
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#26
2,2-Dichloropropane
Concen: 51.011 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Tgt Ion: 77 Resp: 166394
Ion Ratio Lower Upper
77 100
97 20.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.668 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 11419

Ion Ratio Lower Upper

96 100

61 159.0 0.0 312.2

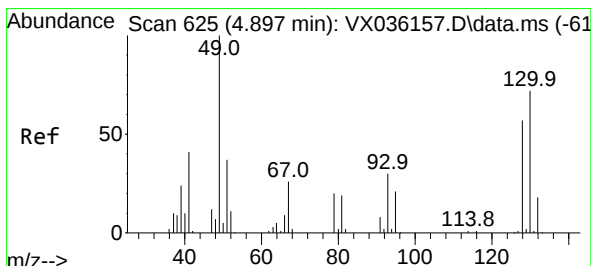
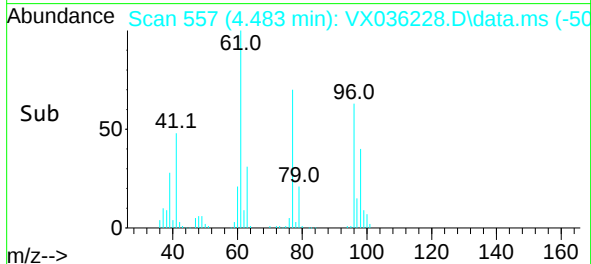
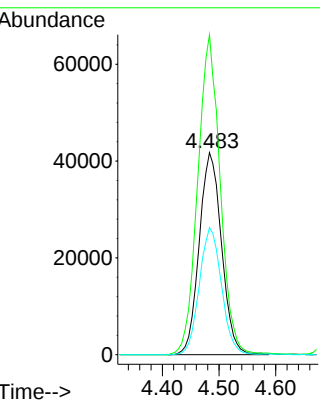
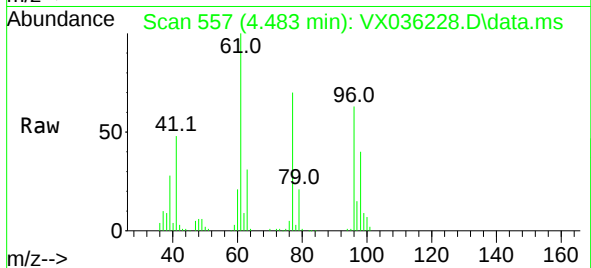
98 62.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#28

Bromochloromethane

Concen: 50.749 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

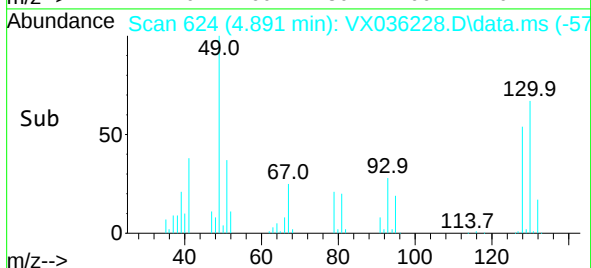
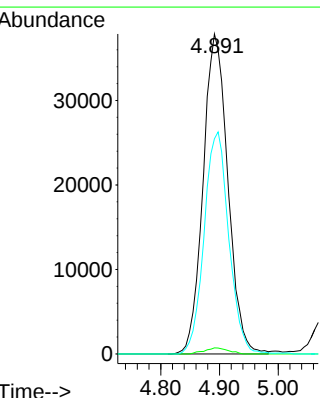
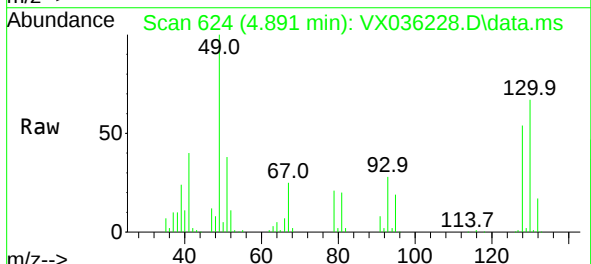
Tgt Ion: 49 Resp: 110971

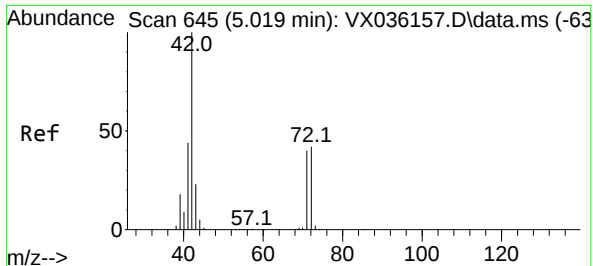
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 69.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 216.988 ug/l

RT: 5.001 min Scan# 645

Delta R.T. -0.018 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 25581

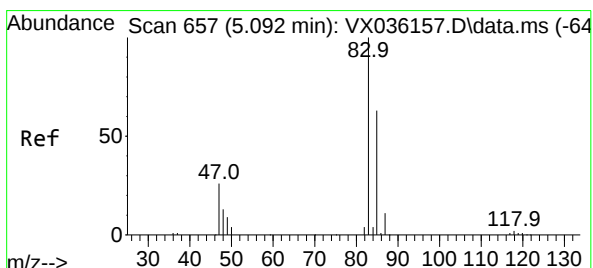
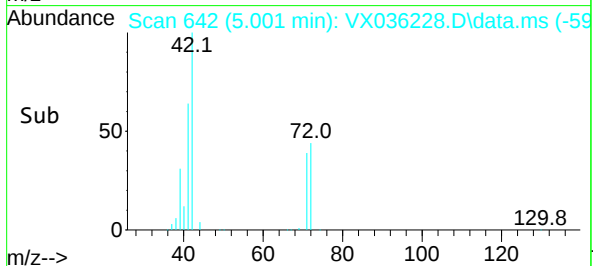
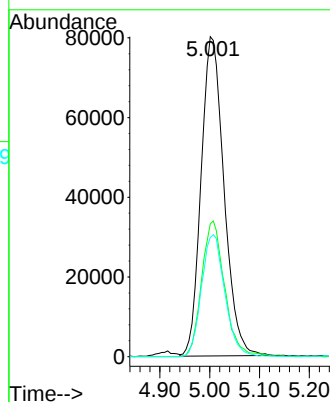
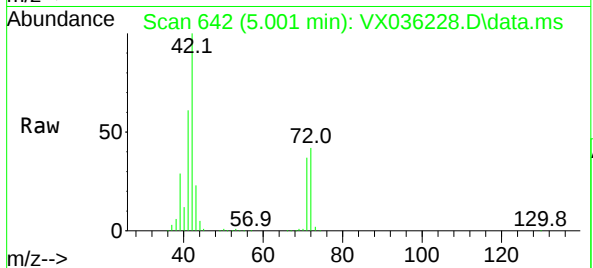
Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.4
71	39.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#30

Chloroform

Concen: 47.096 ug/l

RT: 5.087 min Scan# 656

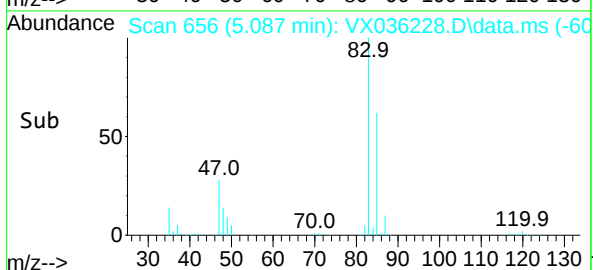
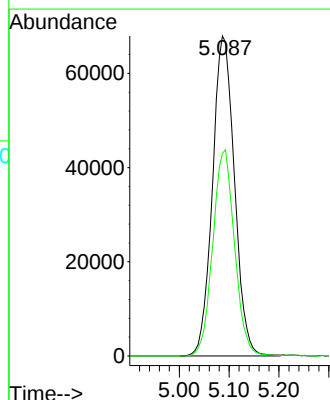
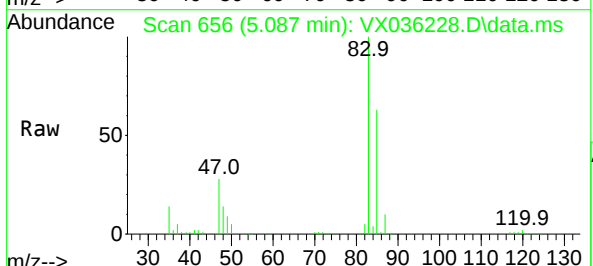
Delta R.T. -0.005 min

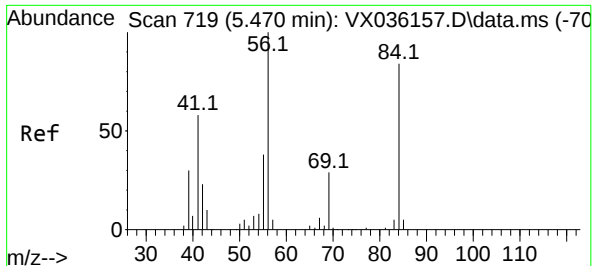
Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Tgt Ion: 83 Resp: 208056

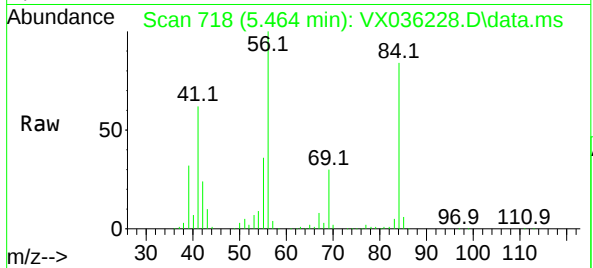
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.3	75.5





#31
Cyclohexane
Concen: 49.077 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

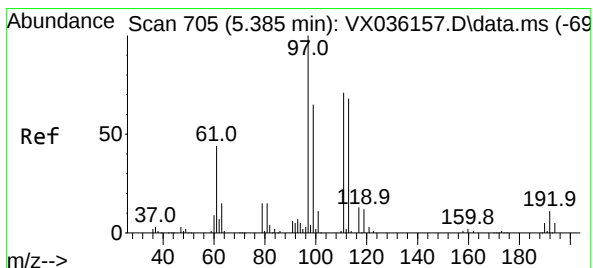
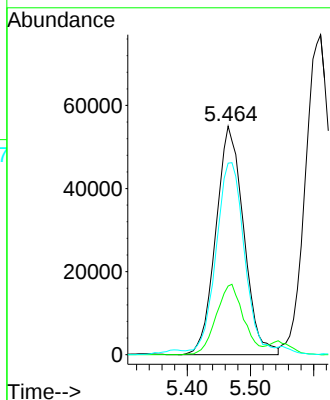
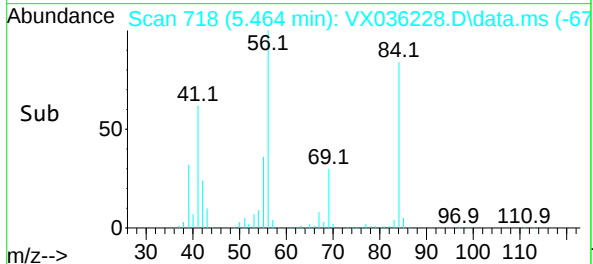
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



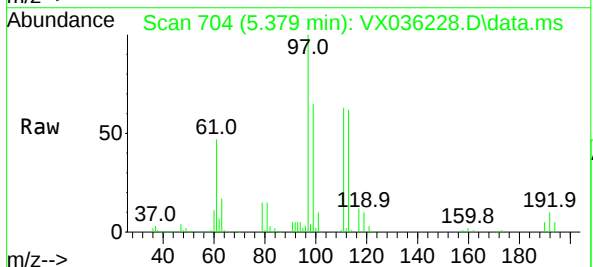
Tgt Ion: 56 Resp: 168023
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 81.8 65.9 98.9

Manual Integrations
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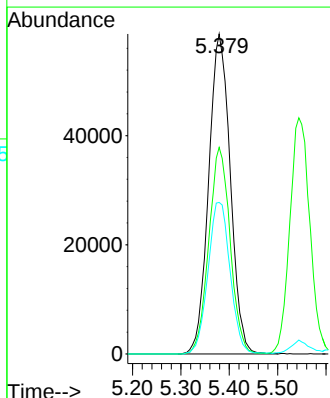
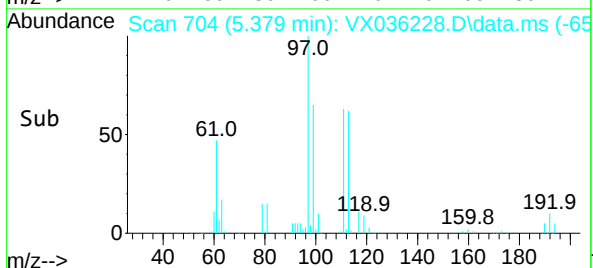
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

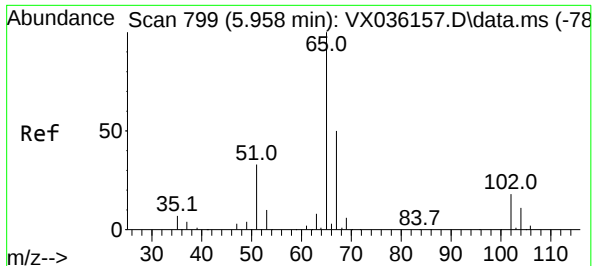


#32
1,1,1-Trichloroethane
Concen: 48.577 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



Tgt Ion: 97 Resp: 181941
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 48.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.204 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 157029

Ion Ratio Lower Upper

65 100

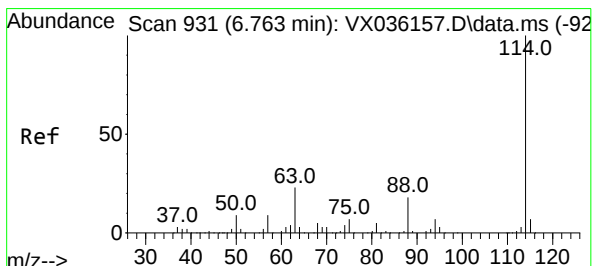
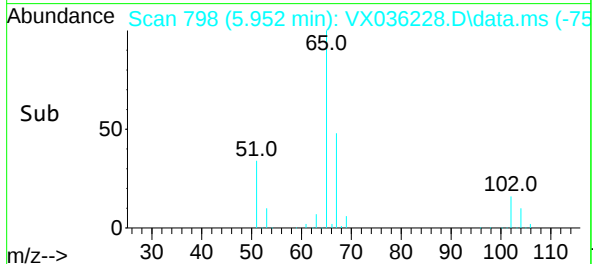
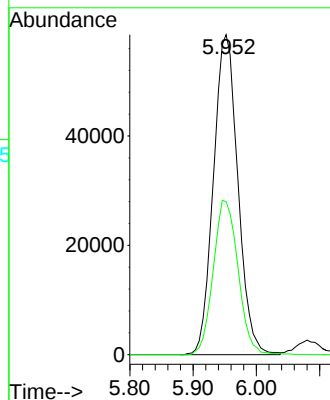
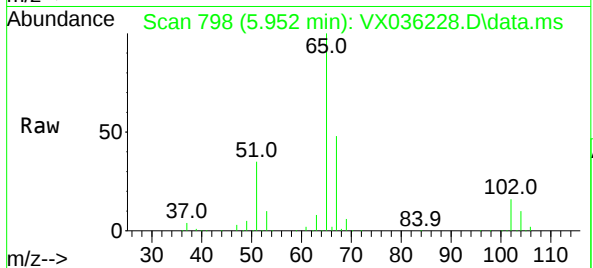
67 48.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

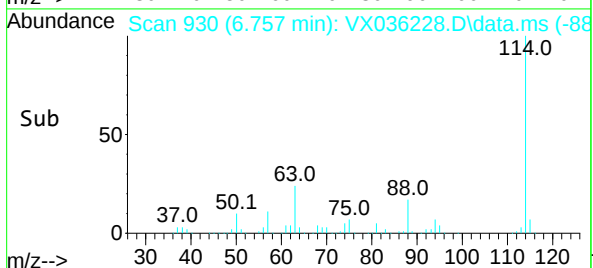
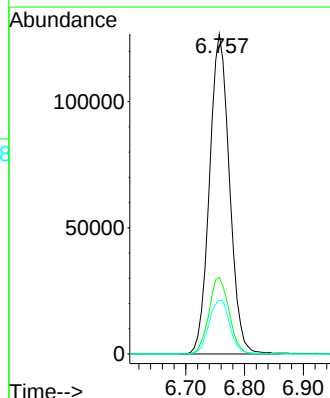
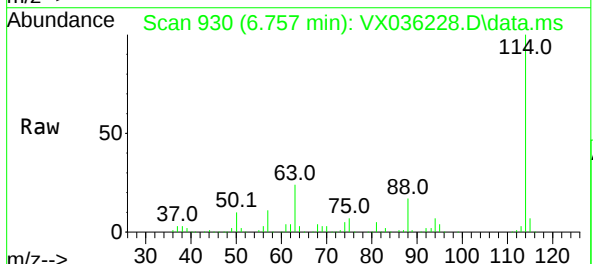
Tgt Ion:114 Resp: 299165

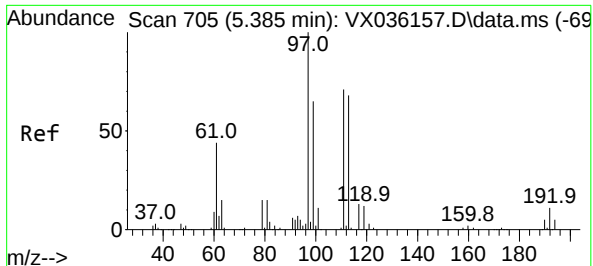
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.215 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 105928

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

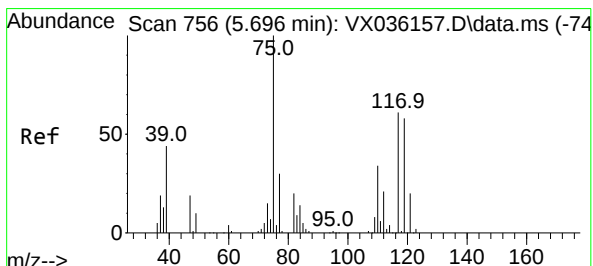
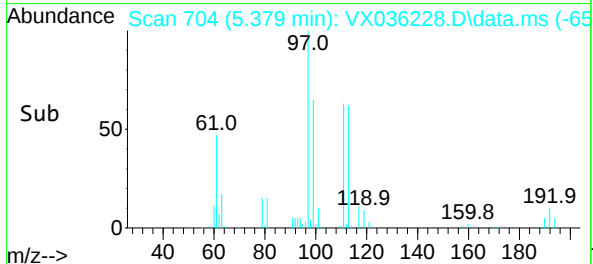
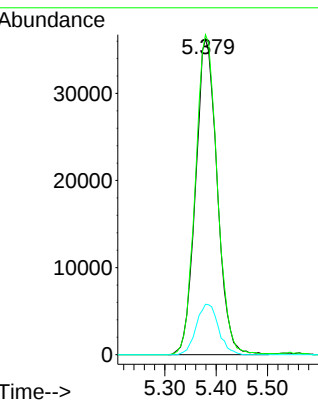
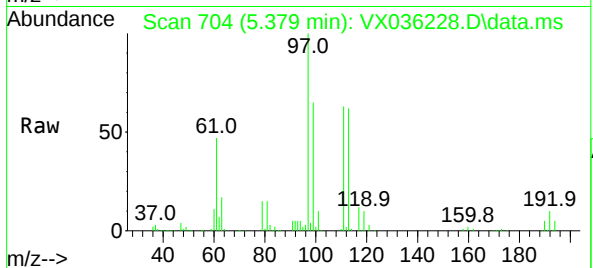
192 16.4 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#36

1,1-Dichloropropene

Concen: 49.557 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

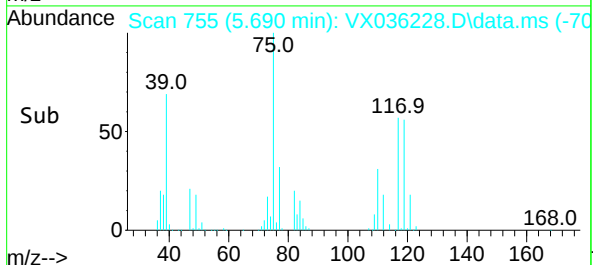
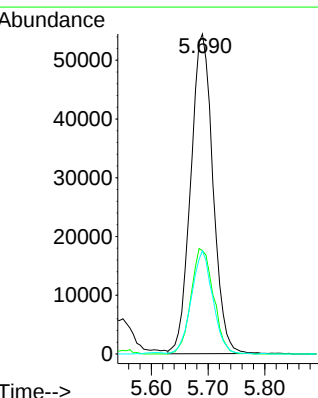
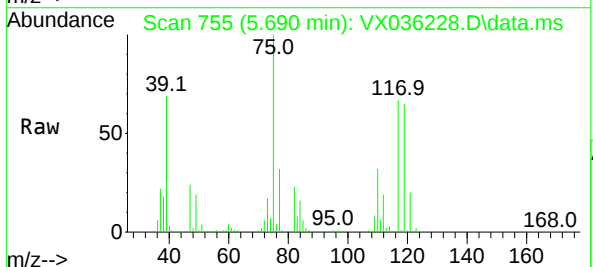
Tgt Ion: 75 Resp: 148092

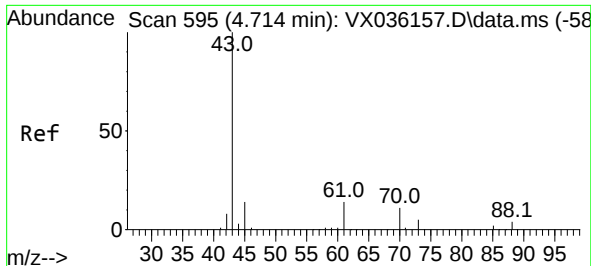
Ion Ratio Lower Upper

75 100

110 33.3 17.0 50.9

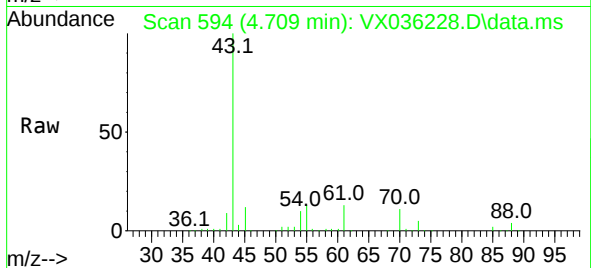
77 31.2 24.7 37.1





#37
Ethyl Acetate
Concen: 44.597 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.005 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

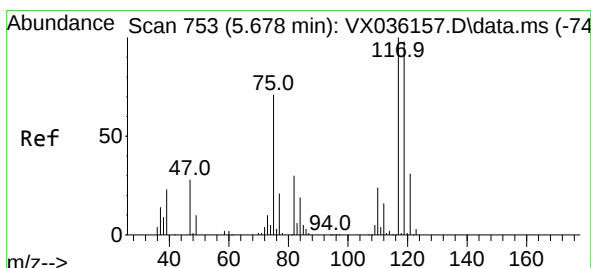
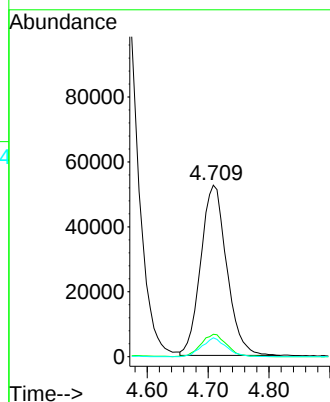
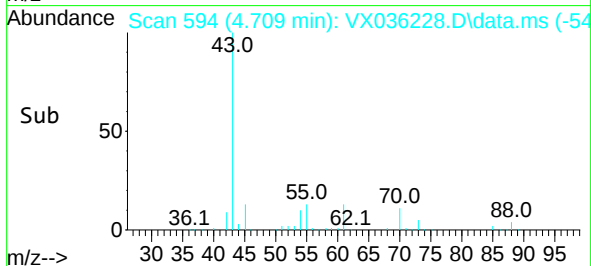
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 15527
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 10.4 8.3 12.5

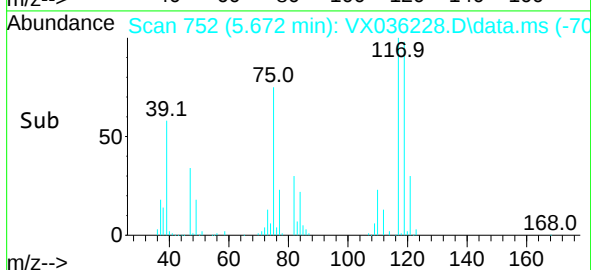
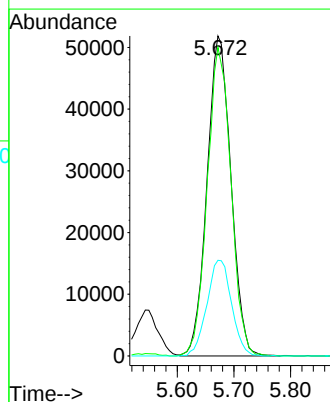
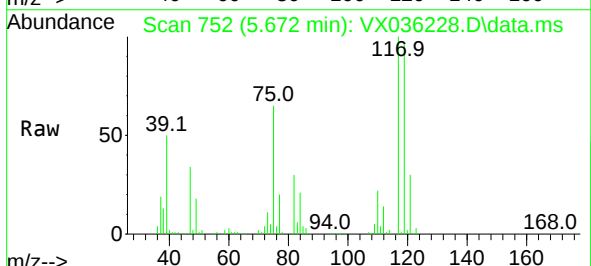
Manual Integrations
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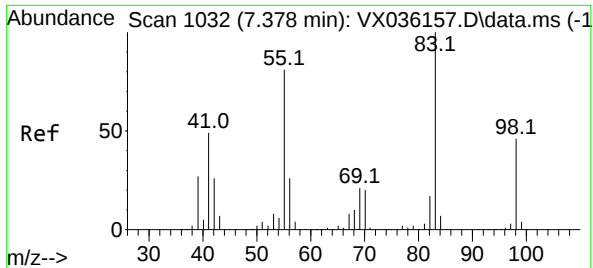
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#38
Carbon Tetrachloride
Concen: 52.392 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Tgt Ion:117 Resp: 152199
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.2
121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 54.367 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 174978

Ion Ratio Lower Upper

83 100

55 83.0 64.6 97.0

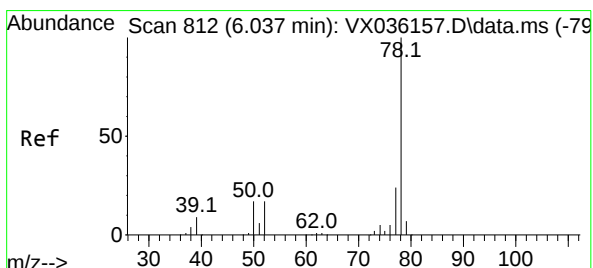
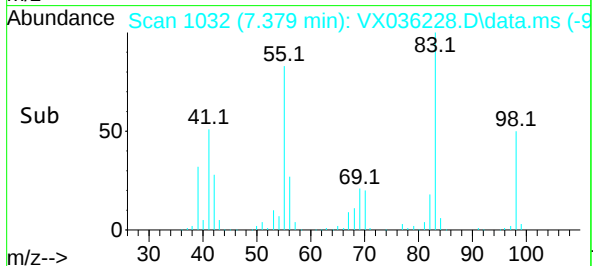
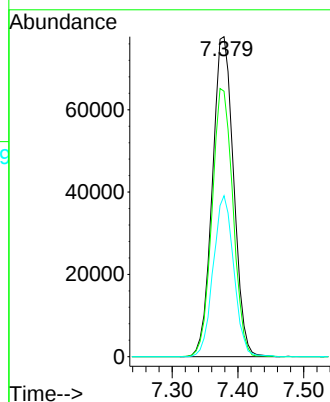
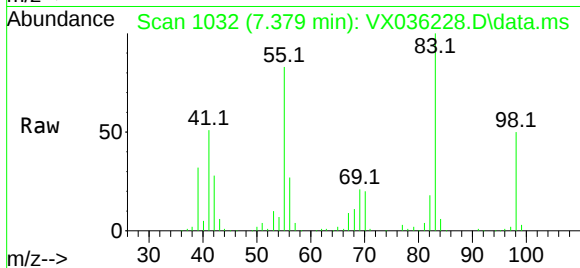
98 50.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 49.101 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX036228.D

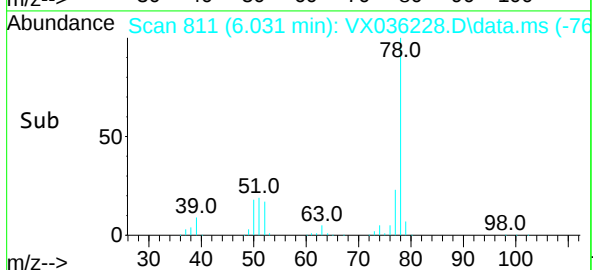
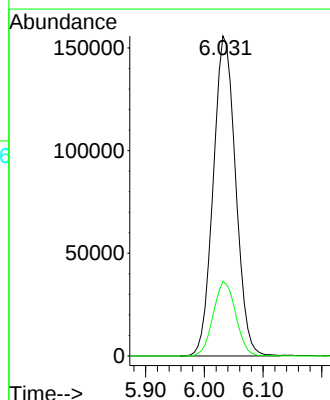
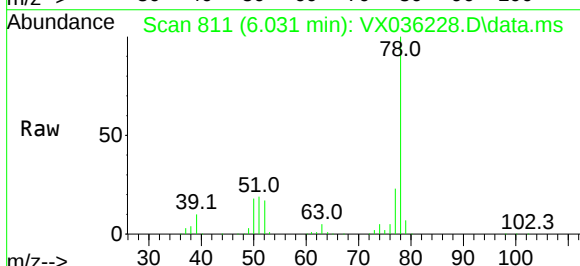
Acq: 20 Jun 2023 09:08

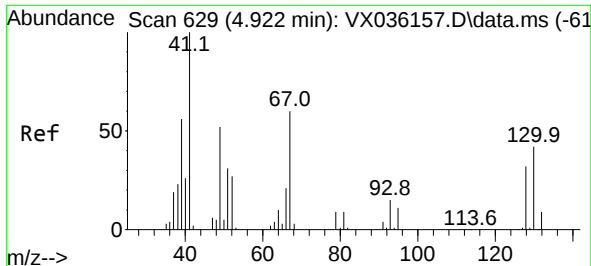
Tgt Ion: 78 Resp: 412624

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9





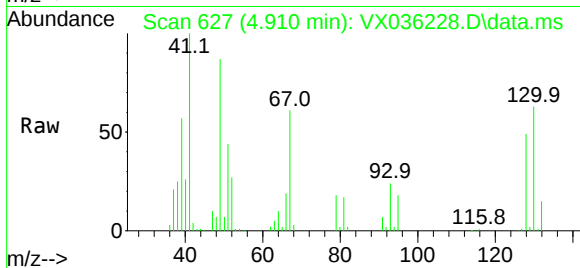
#41
Methacrylonitrile
Concen: 46.643 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



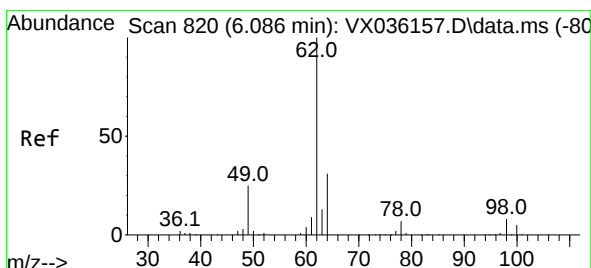
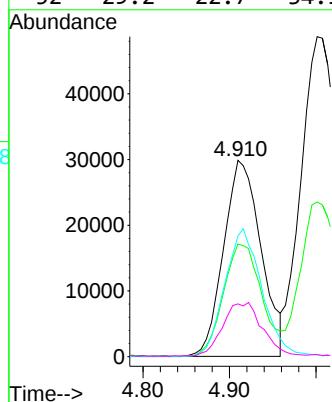
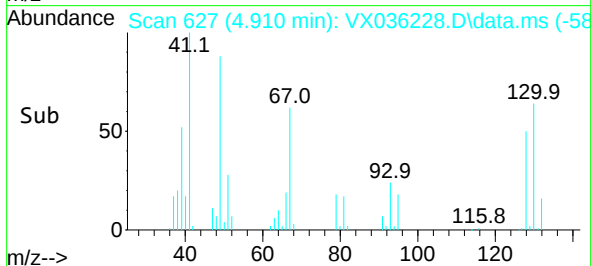
Tgt Ion: 41 Resp: 8953
Ion Ratio Lower Upper
41 100
39 59.1 45.2 67.8
67 65.3 52.6 78.8
52 29.2 22.7 34.1

Manual Integrations

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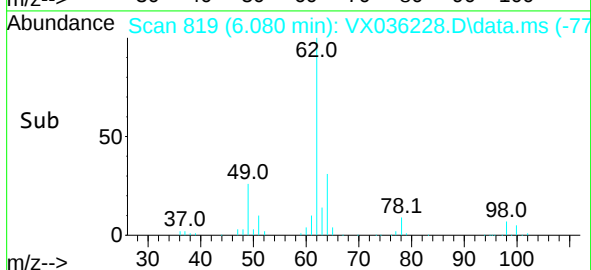
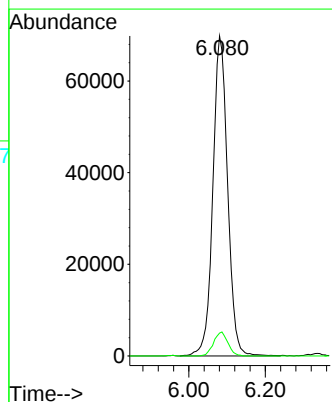
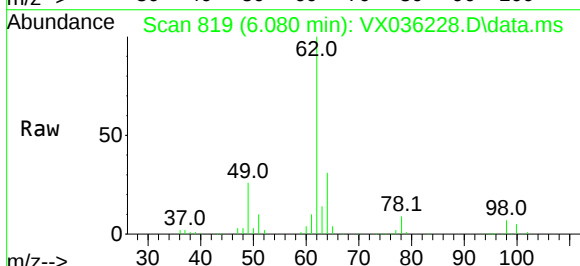
Reviewed By :John Carlone 06/22/2023

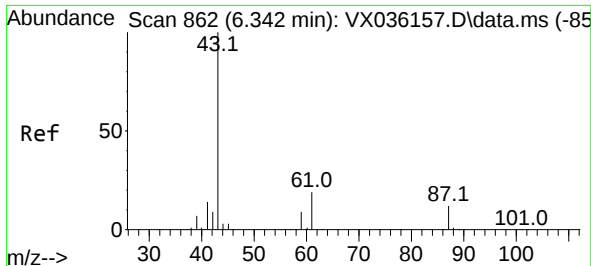
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 49.345 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

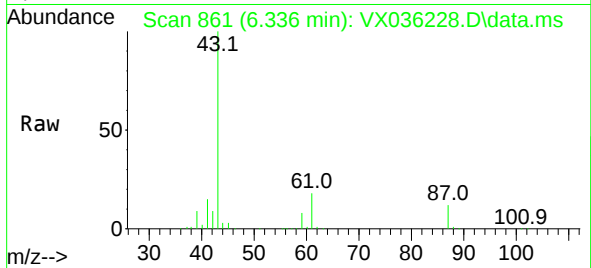
Tgt Ion: 62 Resp: 186812
Ion Ratio Lower Upper
62 100
98 7.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 49.191 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

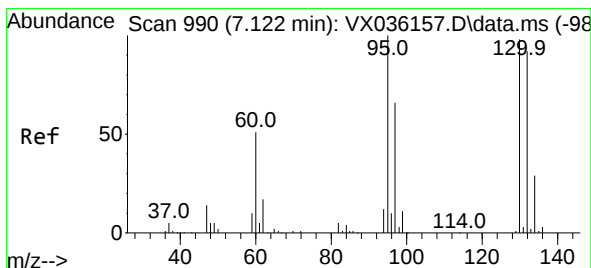
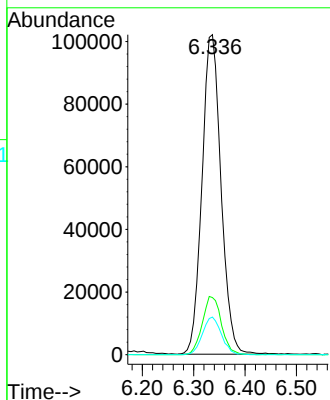
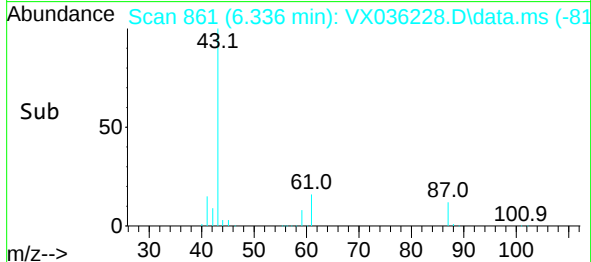
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 262104
Ion Ratio Lower Upper
43 100
61 18.3 15.2 22.8
87 11.7 9.8 14.6

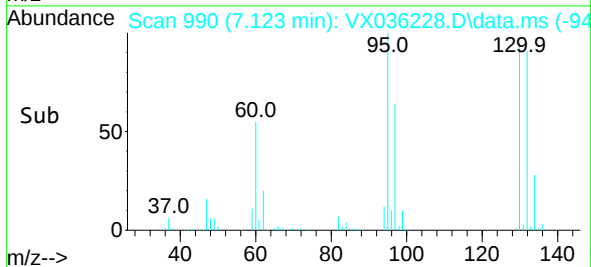
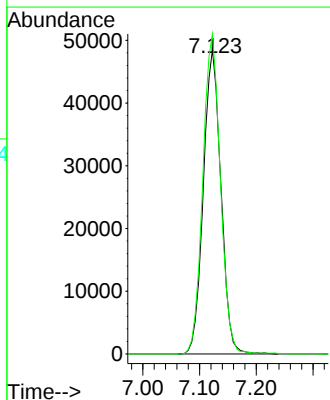
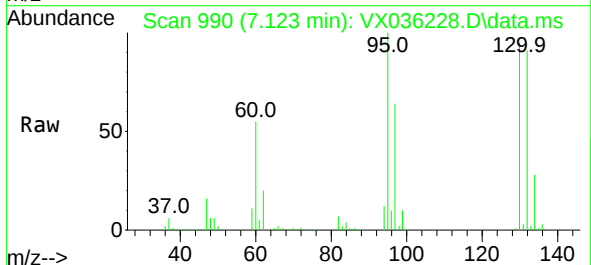
Manual Integrations
APPROVED

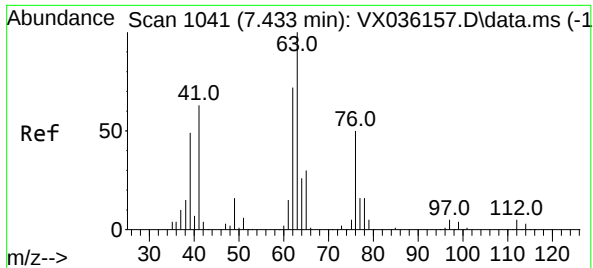
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#44
Trichloroethene
Concen: 49.690 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Tgt Ion:130 Resp: 104348
Ion Ratio Lower Upper
130 100
95 105.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.021 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.005 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10952

Ion Ratio Lower Upper

63 100

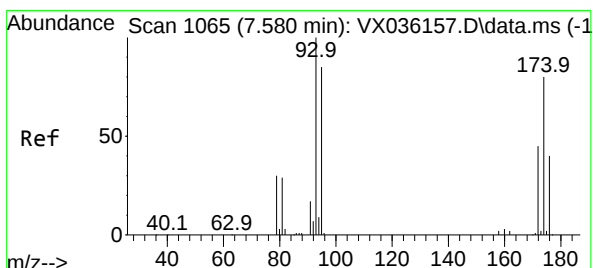
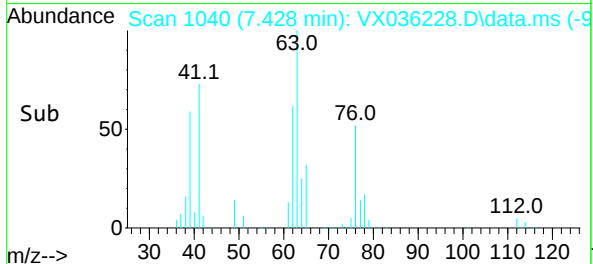
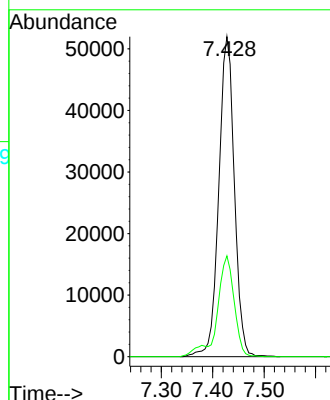
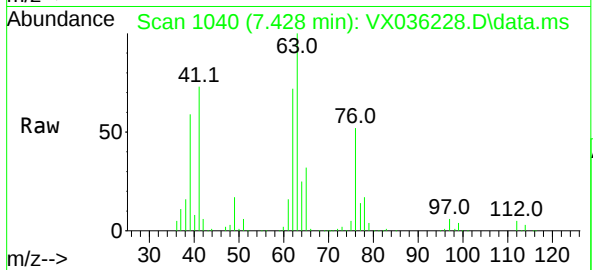
65 31.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 49.307 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

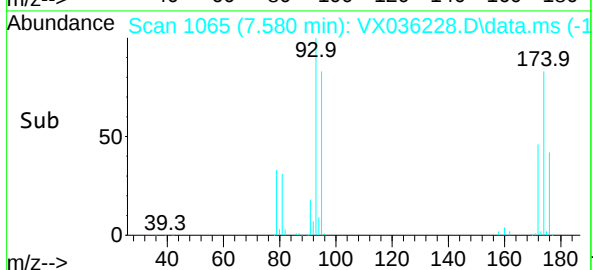
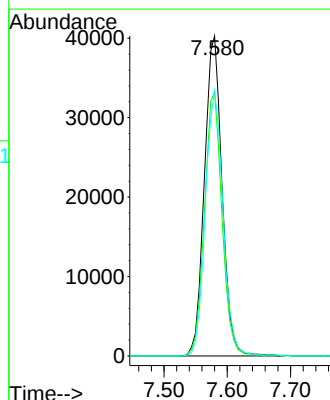
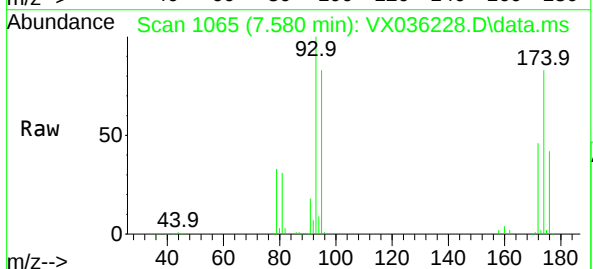
Tgt Ion: 93 Resp: 78476

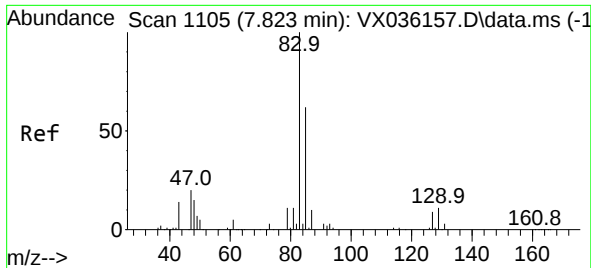
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

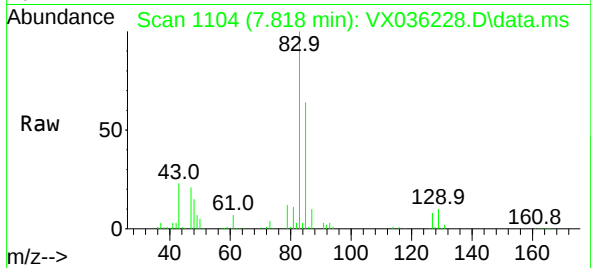
174 83.1 69.4 104.0





#47
Bromodichloromethane
Concen: 51.048 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

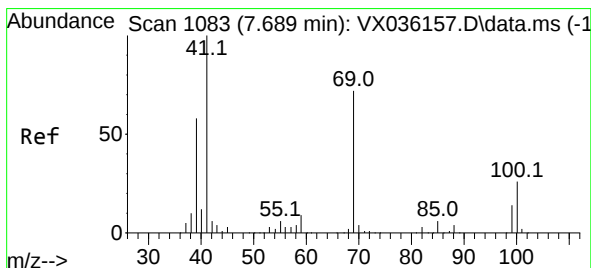
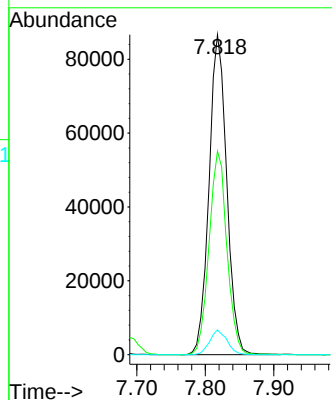
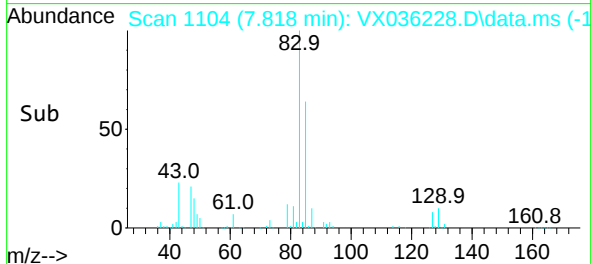
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



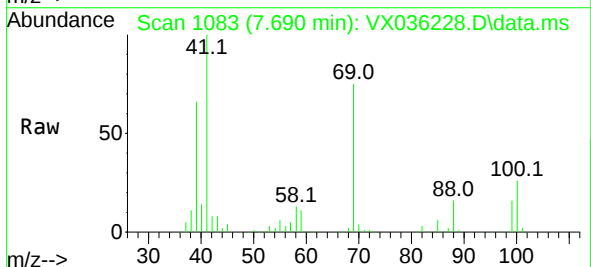
Tgt Ion: 83 Resp: 155979
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.6
127 7.7 7.1 10.7

Manual Integrations
APPROVED

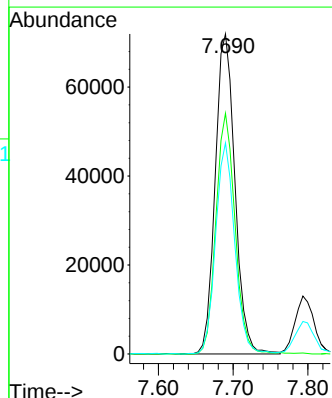
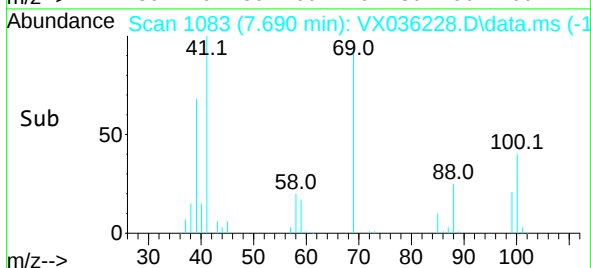
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

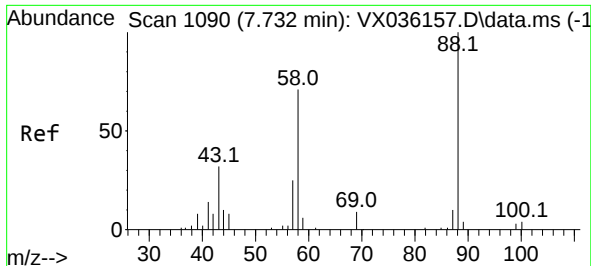


#48
Methyl methacrylate
Concen: 48.341 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



Tgt Ion: 41 Resp: 132151
Ion Ratio Lower Upper
41 100
69 72.8 59.2 88.8
39 64.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1042.603 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.024 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

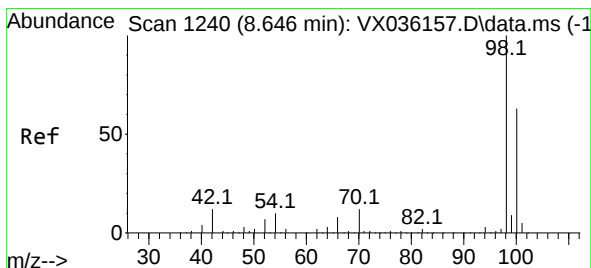
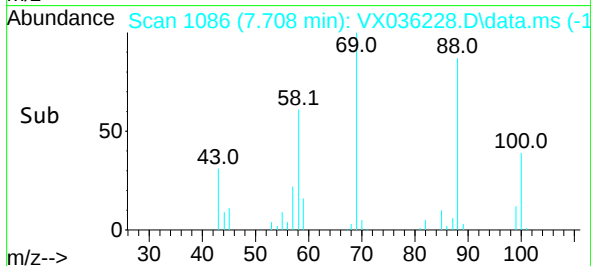
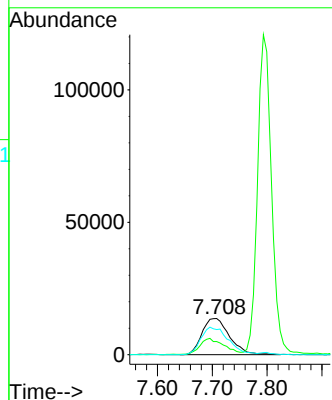
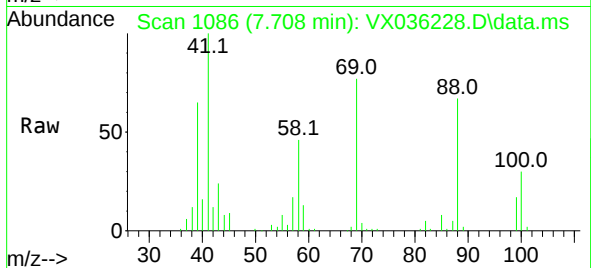
Tgt Ion: 88 Resp: 47720
 Ion Ratio Lower Upper
 88 100
 43 38.3 0.0 0.0
 58 75.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#50

Toluene-d8

Concen: 51.079 ug/l

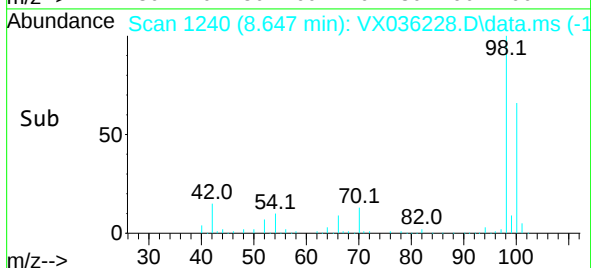
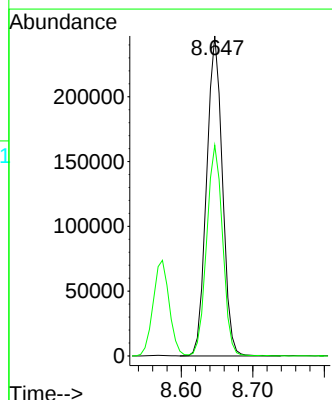
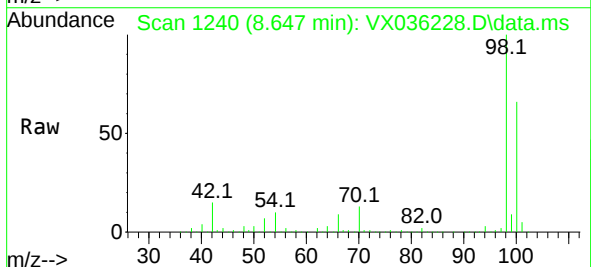
RT: 8.647 min Scan# 1240

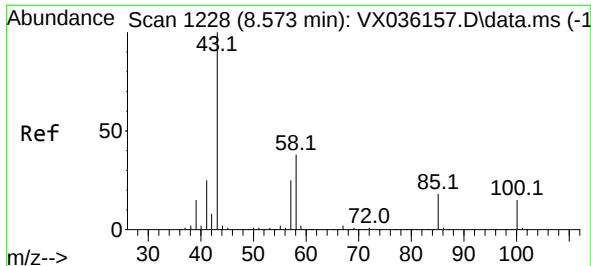
Delta R.T. 0.001 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Tgt Ion: 98 Resp: 379045
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 239.638 ug/l

RT: 8.568 min Scan# 11

Delta R.T. -0.005 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 80624

Ion Ratio Lower Upper

43 100

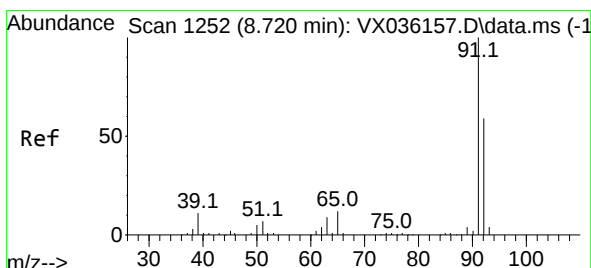
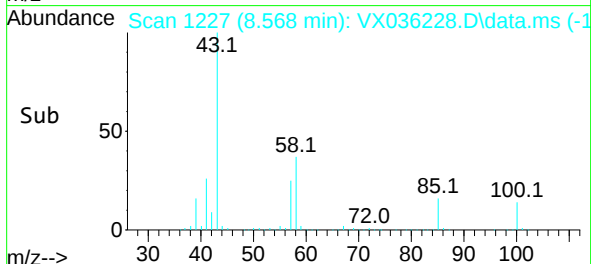
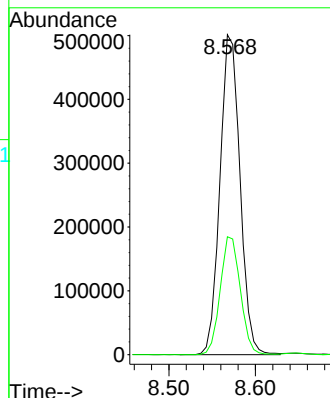
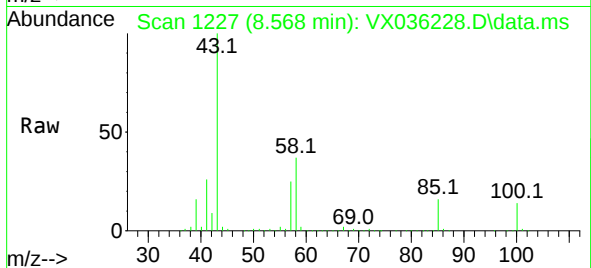
58 37.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#52

Toluene

Concen: 49.449 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX036228.D

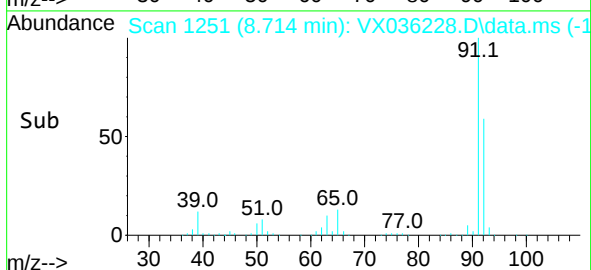
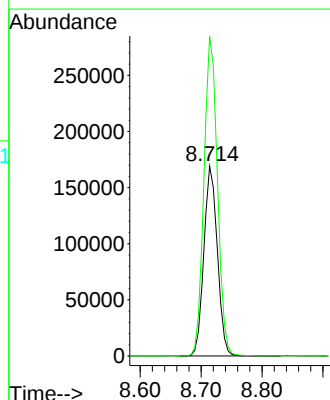
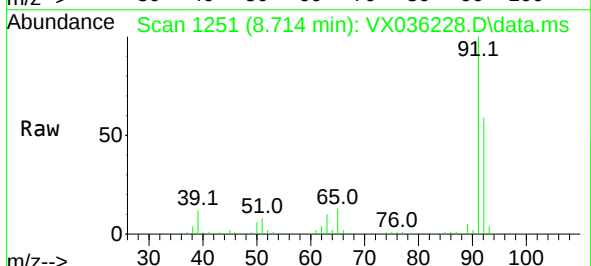
Acq: 20 Jun 2023 09:08

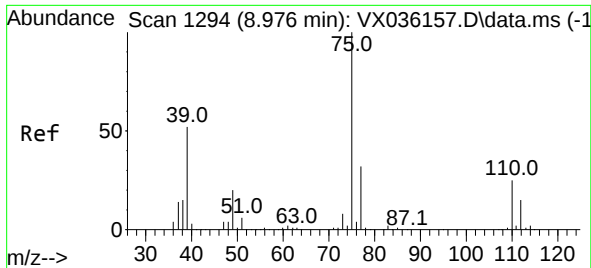
Tgt Ion: 92 Resp: 260175

Ion Ratio Lower Upper

92 100

91 168.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.313 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 16779

Ion Ratio Lower Upper

75 100

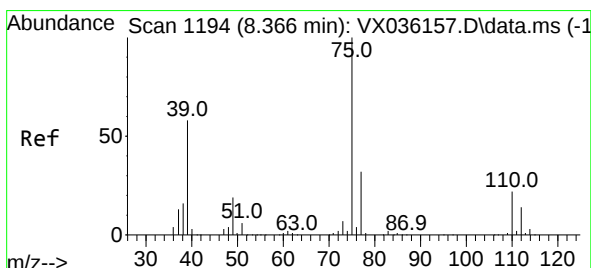
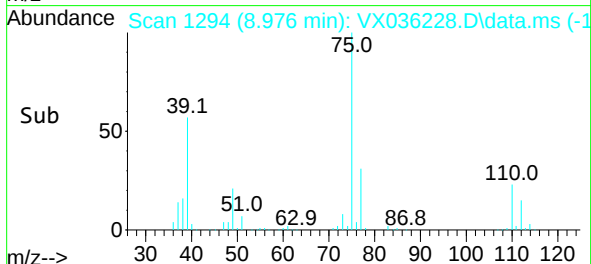
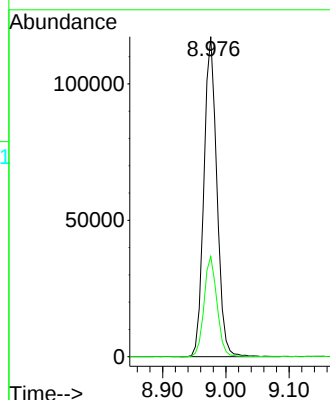
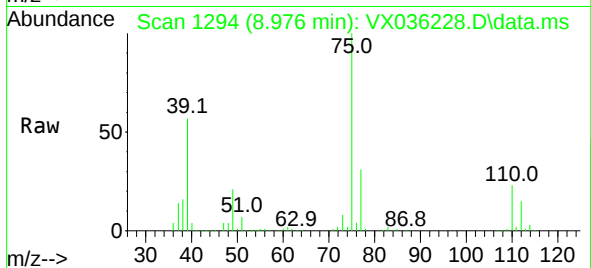
77 31.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#54

cis-1,3-Dichloropropene

Concen: 52.612 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

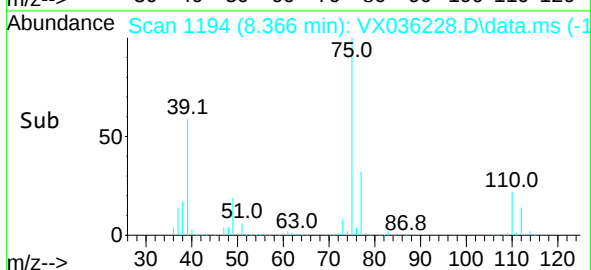
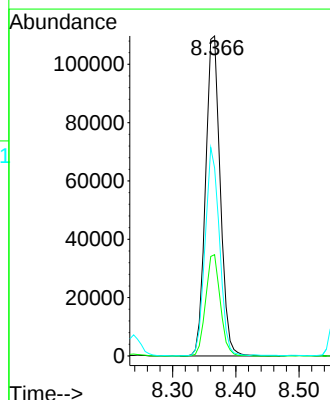
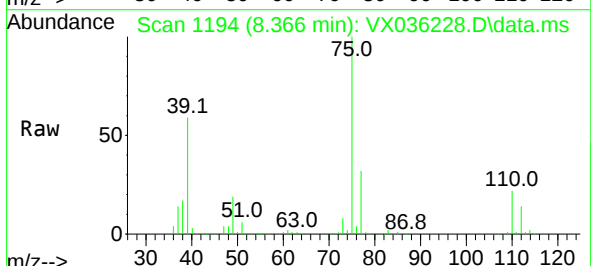
Tgt Ion: 75 Resp: 177569

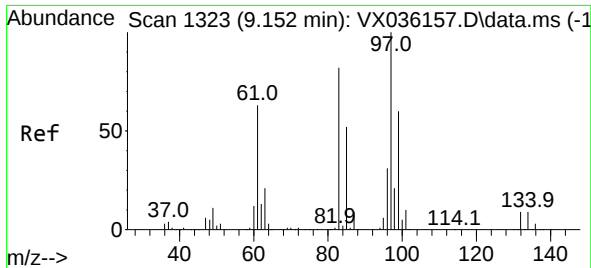
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

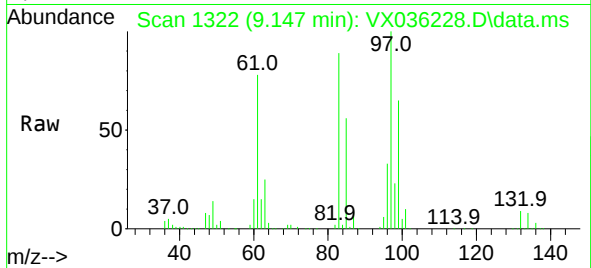
39 58.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 47.579 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

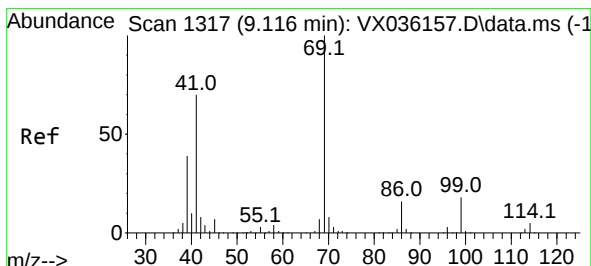
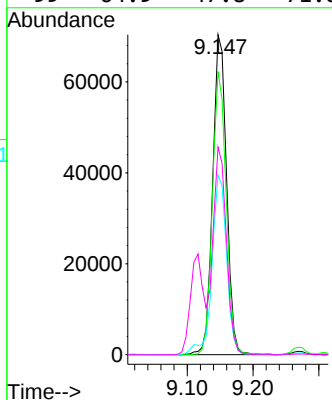
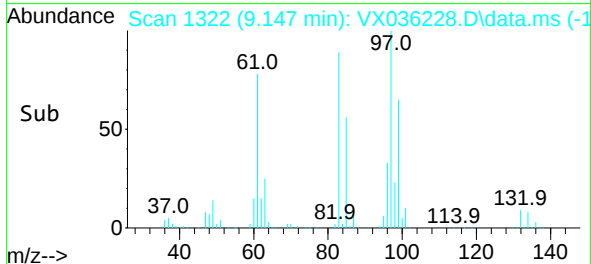
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



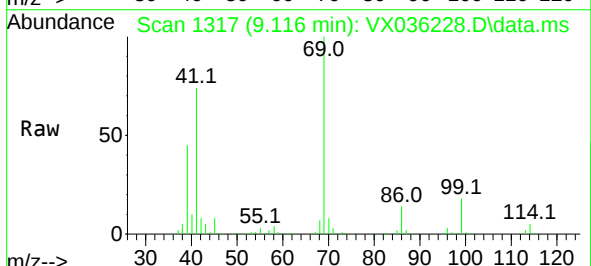
Tgt Ion: 97 Resp: 103344
Ion Ratio Lower Upper
97 100
83 88.5 65.8 98.8
85 56.1 41.6 62.4
99 64.9 47.8 71.8

Manual Integrations
APPROVED

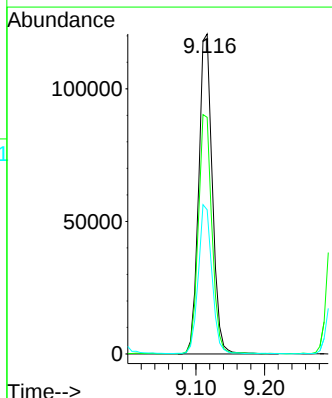
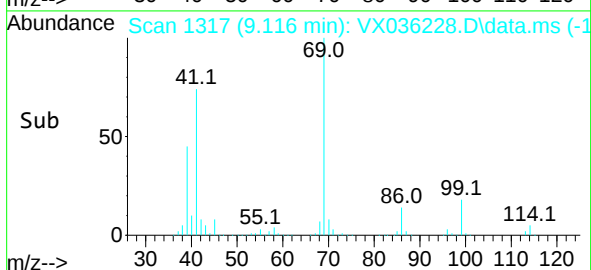
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

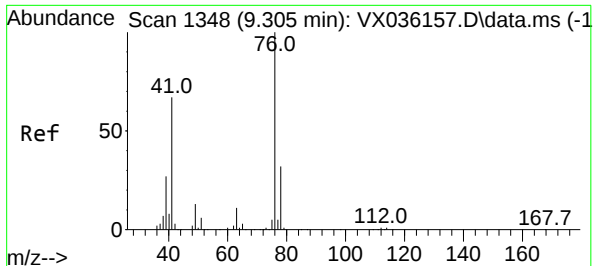


#56
Ethyl methacrylate
Concen: 51.062 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



Tgt Ion: 69 Resp: 167541
Ion Ratio Lower Upper
69 100
41 74.5 56.8 85.2
39 46.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 47.874 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 184990

Ion Ratio Lower Upper

76 100

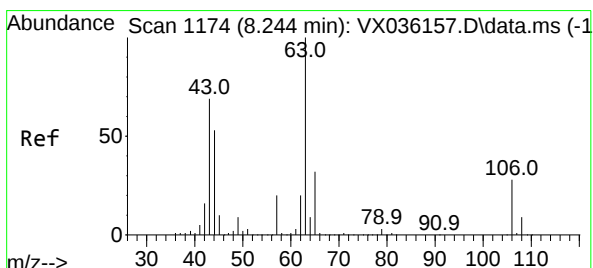
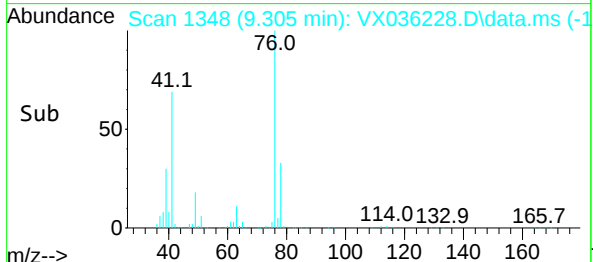
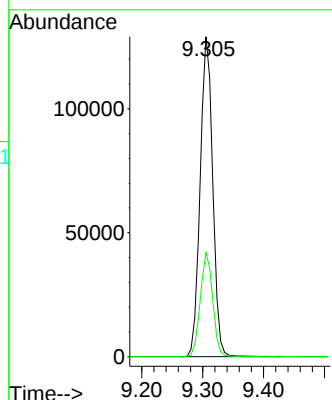
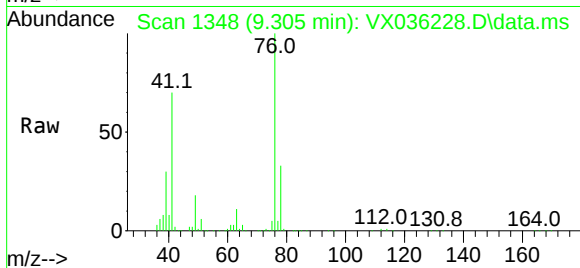
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 224.039 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036228.D

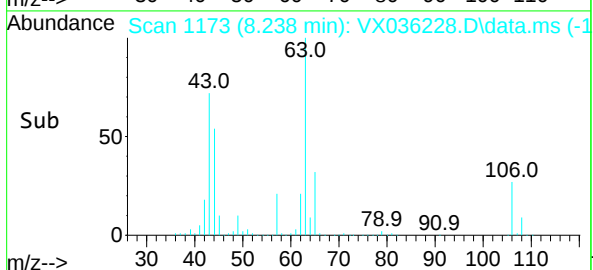
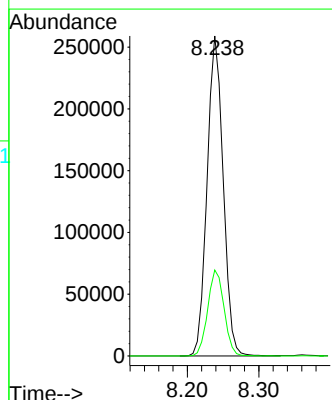
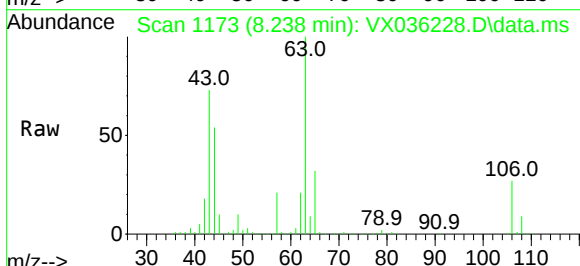
Acq: 20 Jun 2023 09:08

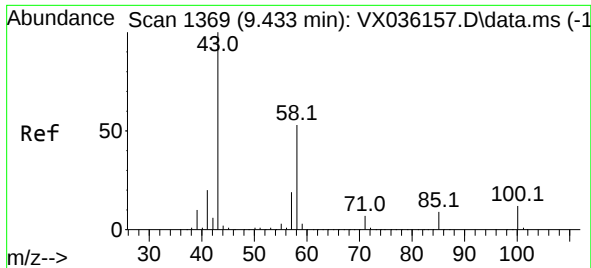
Tgt Ion: 63 Resp: 405169

Ion Ratio Lower Upper

63 100

106 27.3 22.5 33.7





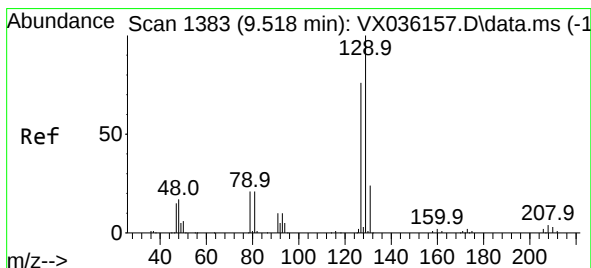
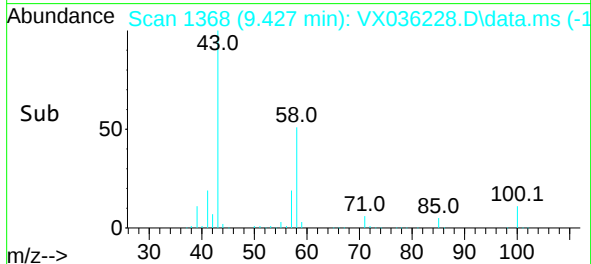
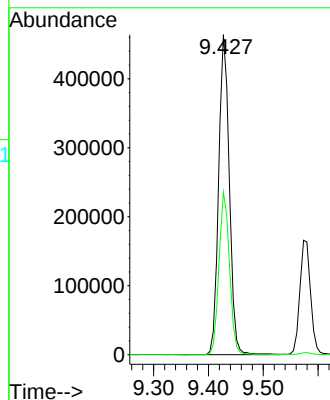
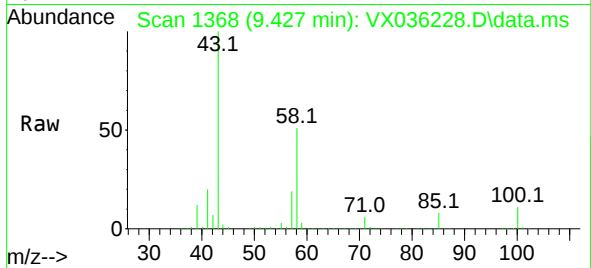
#59
2-Hexanone
Concen: 250.005 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 625328
Ion Ratio Lower Upper
43 100
58 50.4 26.2 78.5

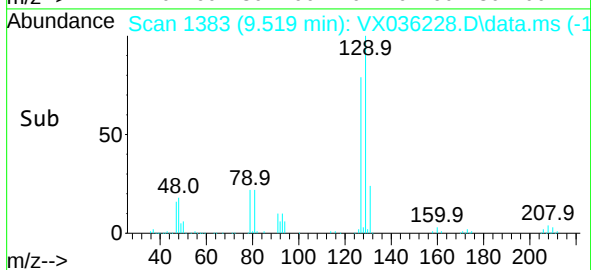
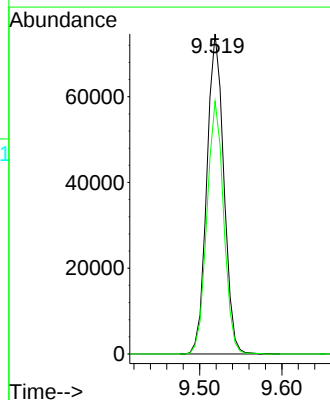
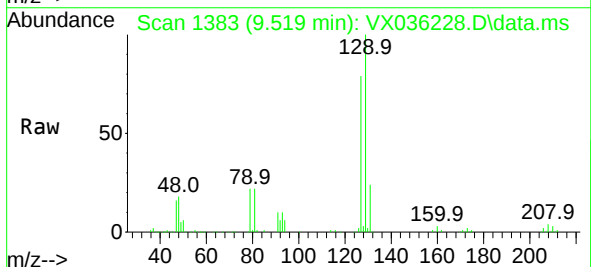
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#60
Dibromochloromethane
Concen: 50.480 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

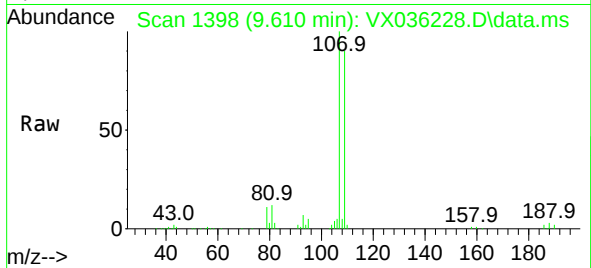
Tgt Ion:129 Resp: 107020
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.412 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

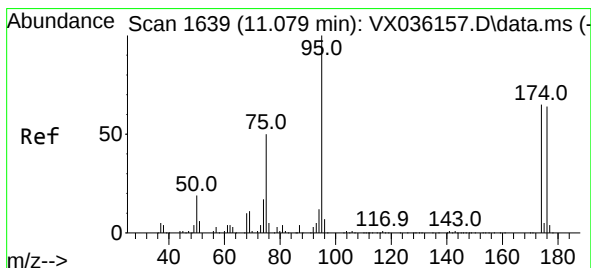
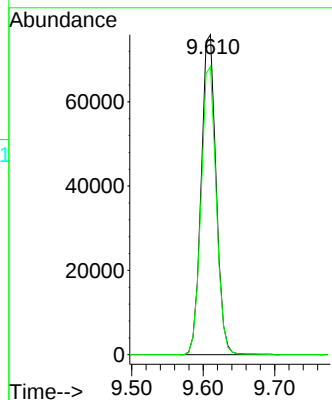
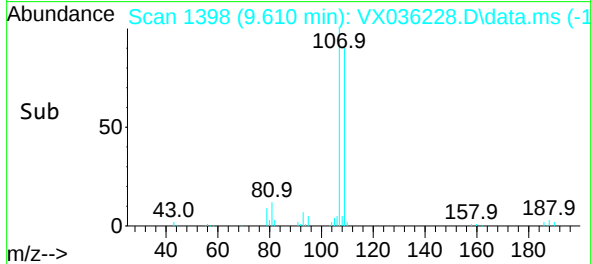
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 10964
Ion Ratio Lower Upper
107 100
109 91.8 75.2 112.8

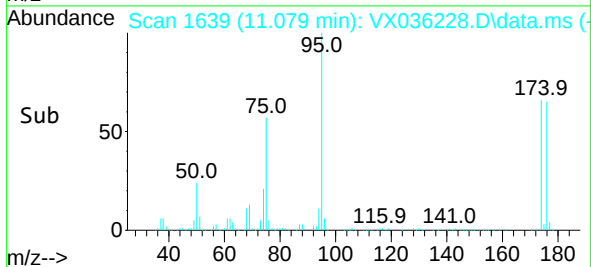
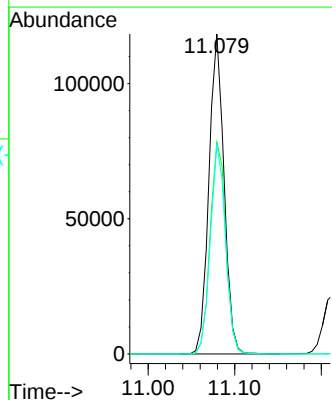
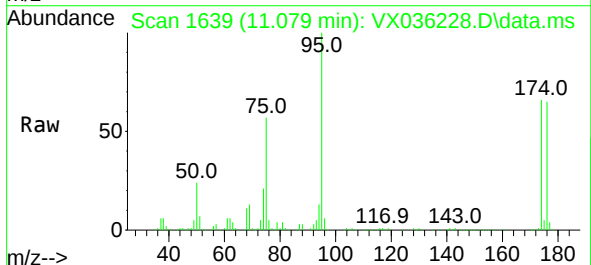
Manual Integrations
APPROVED

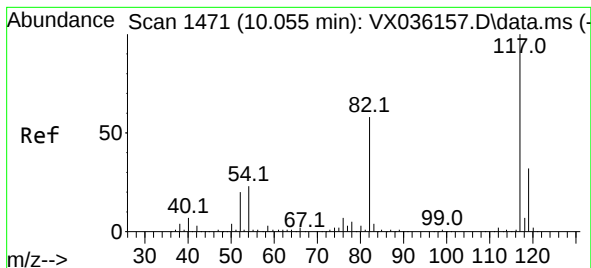
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#62
4-Bromofluorobenzene
Concen: 47.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Tgt Ion: 95 Resp: 143111
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.6
176 65.5 0.0 131.0





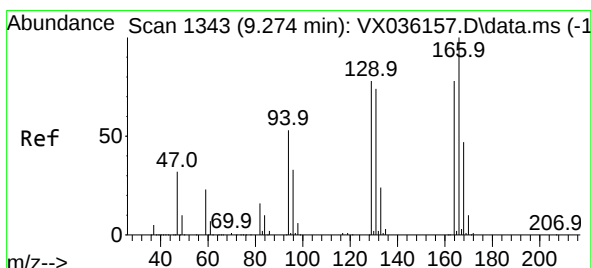
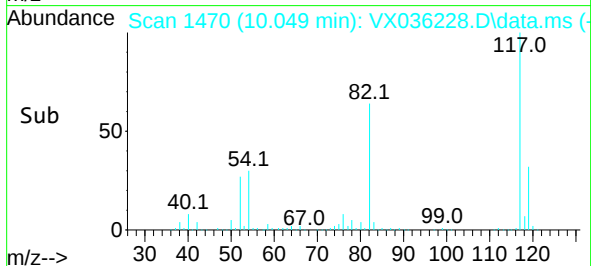
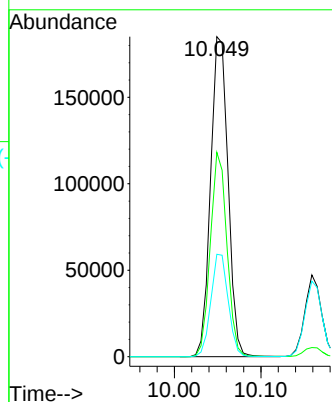
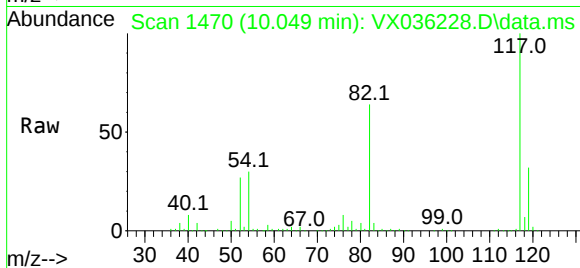
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 259074
Ion Ratio Lower Upper
117 100
82 63.8 46.2 69.4
119 32.0 25.5 38.3

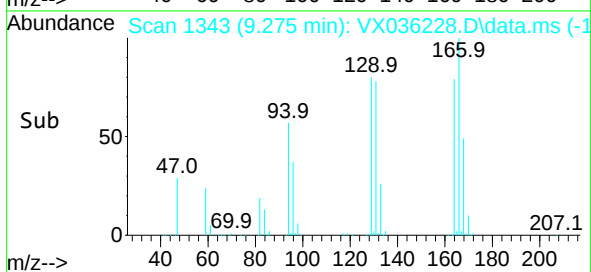
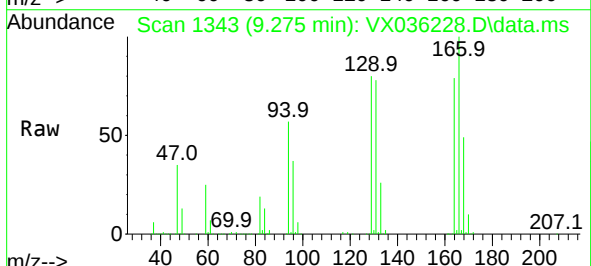
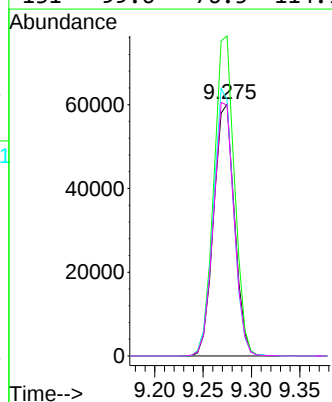
Manual Integrations
APPROVED

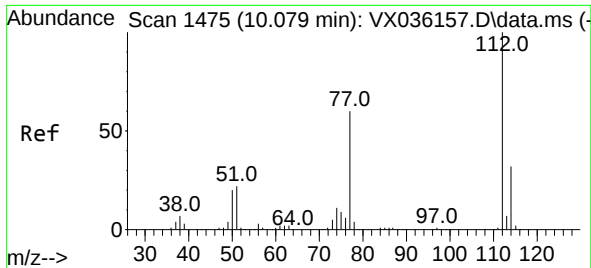
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#64
Tetrachloroethene
Concen: 55.601 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

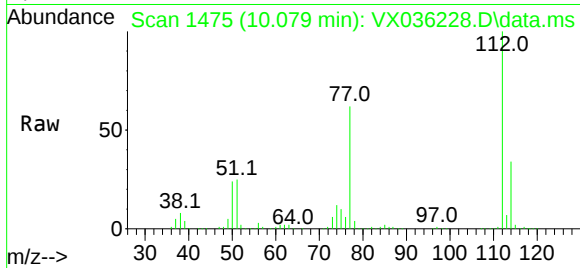
Tgt Ion:164 Resp: 89622
Ion Ratio Lower Upper
164 100
166 127.0 102.7 154.1
129 101.7 80.4 120.6
131 99.6 76.5 114.7





#65
Chlorobenzene
Concen: 47.462 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

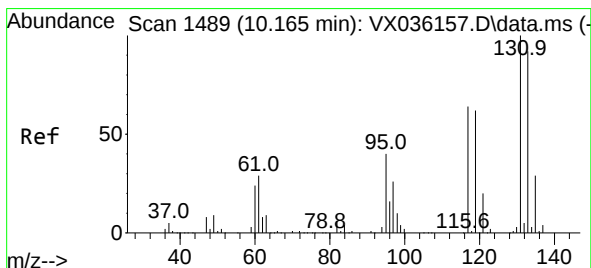
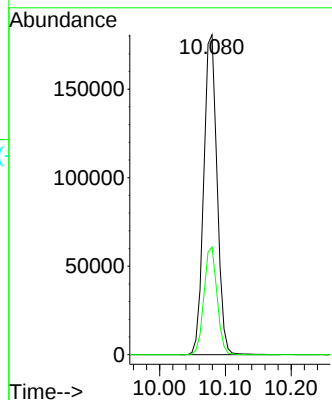
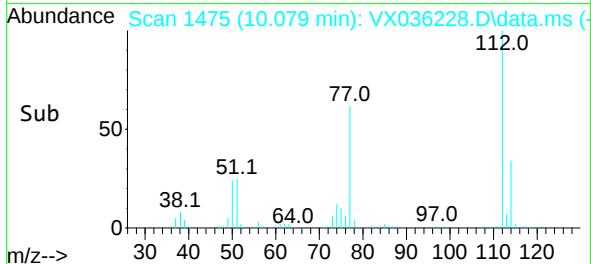
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



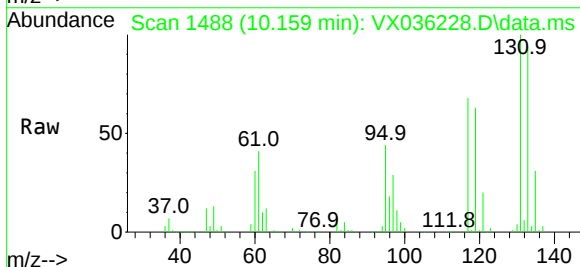
Tgt Ion:112 Resp: 254800
Ion Ratio Lower Upper
112 100
114 33.7 25.7 38.5

Manual Integrations
APPROVED

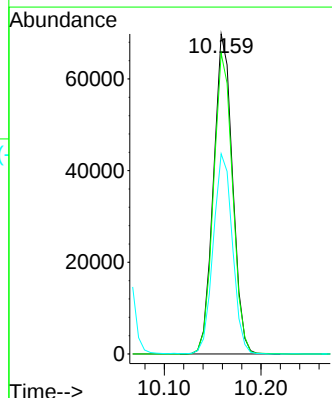
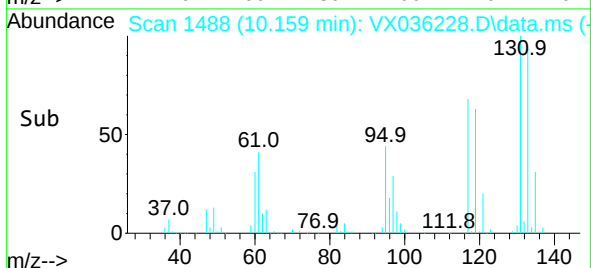
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

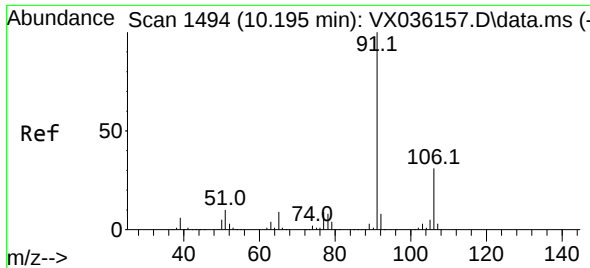


#66
1,1,1,2-Tetrachloroethane
Concen: 51.266 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



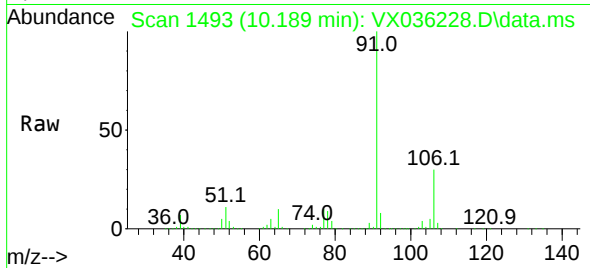
Tgt Ion:131 Resp: 94975
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 63.2 32.2 96.6





#67
Ethyl Benzene
Concen: 50.135 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

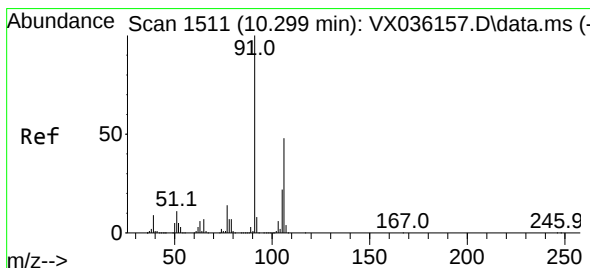
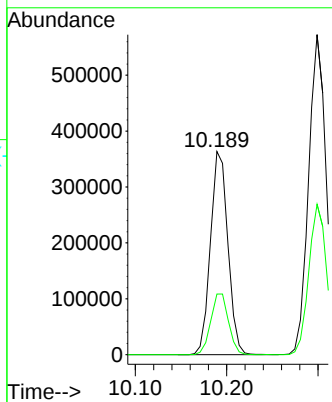
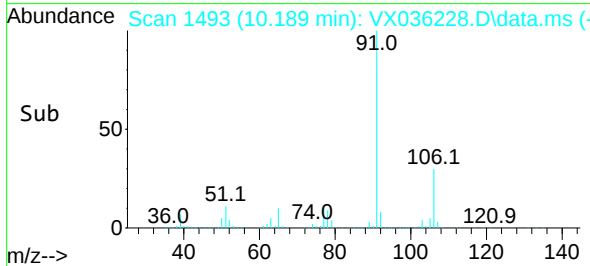
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 480682
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

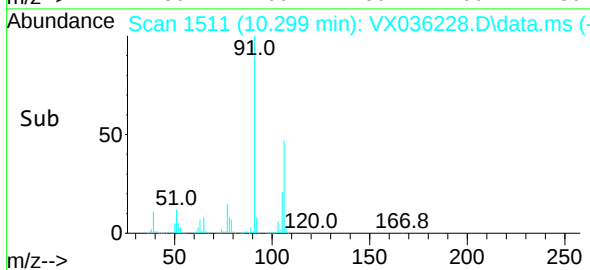
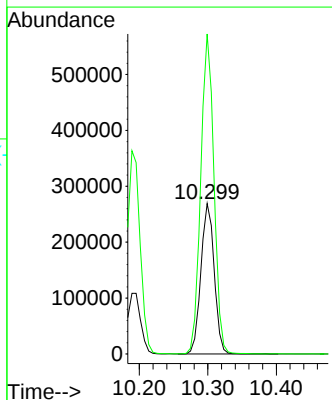
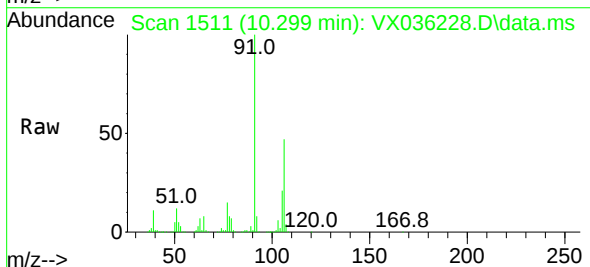
Manual Integrations
APPROVED

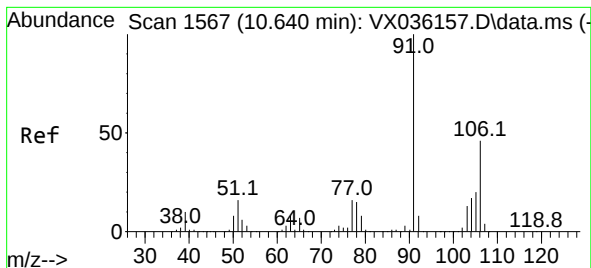
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#68
m/p-Xylenes
Concen: 100.807 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

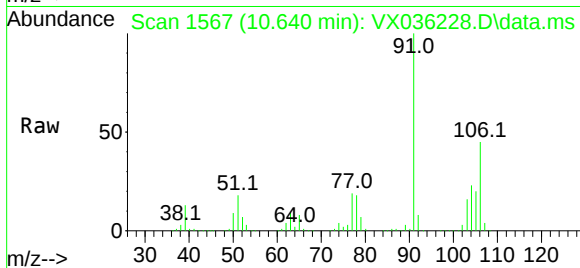
Tgt Ion:106 Resp: 364649
Ion Ratio Lower Upper
106 100
91 210.5 165.5 248.3





#69
o-Xylene
Concen: 49.240 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

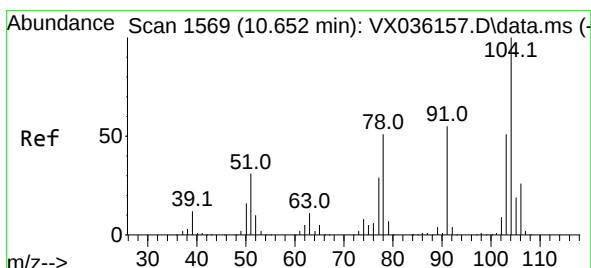
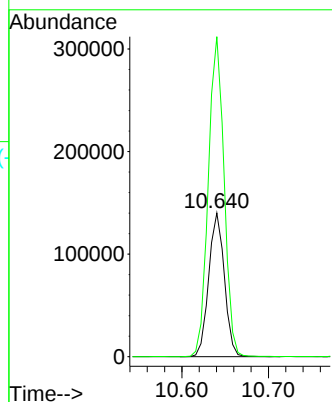
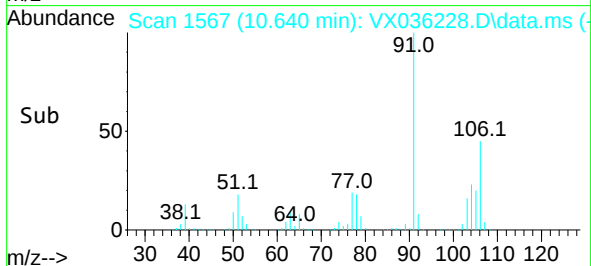
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 175730
Ion Ratio Lower Upper
106 100
91 224.4 108.9 326.8

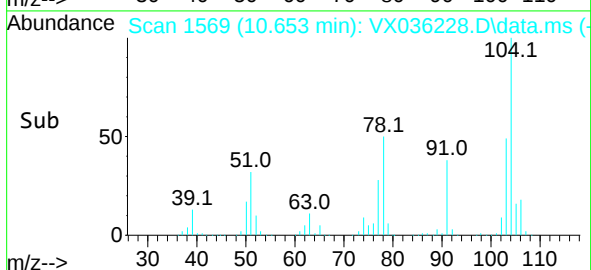
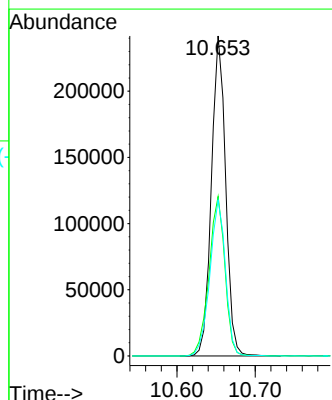
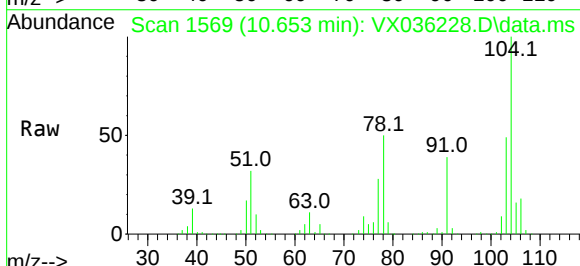
Manual Integrations
APPROVED

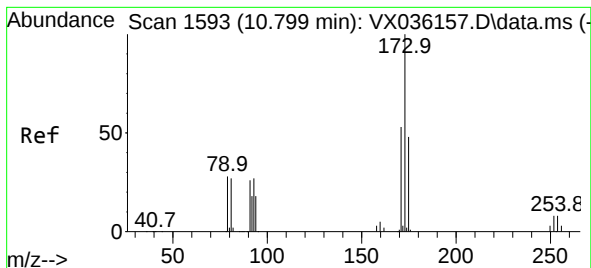
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 51.157 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

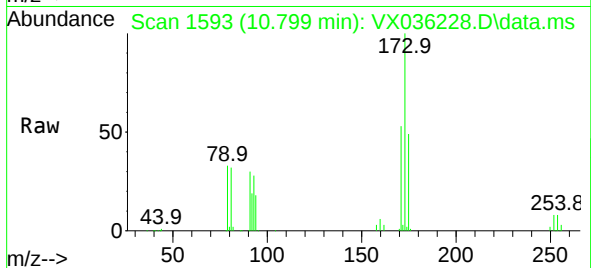
Tgt Ion:104 Resp: 304208
Ion Ratio Lower Upper
104 100
78 55.9 43.6 65.4
103 53.6 43.6 65.4





#71
Bromoform
Concen: 50.855 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

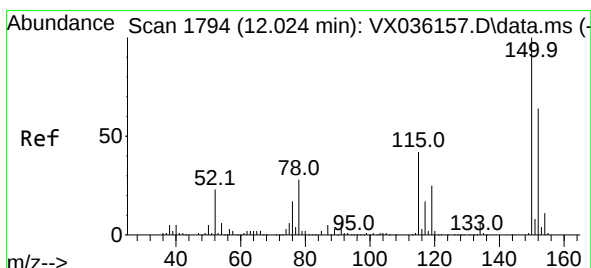
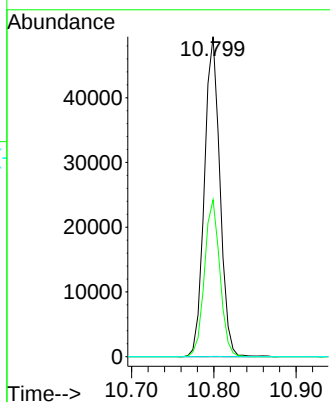
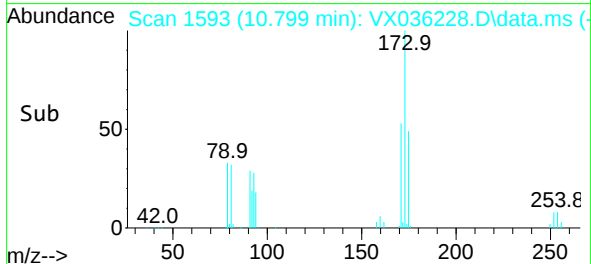
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



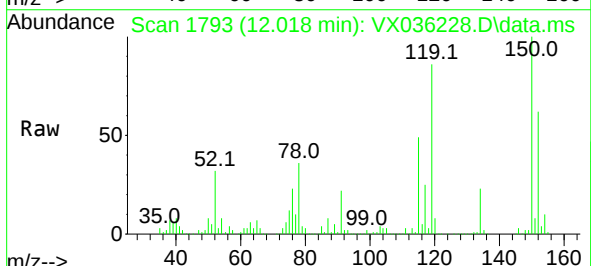
Tgt Ion:173 Resp: 64862
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

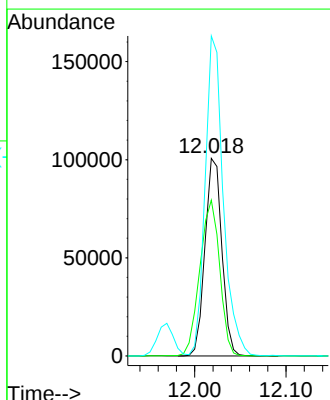
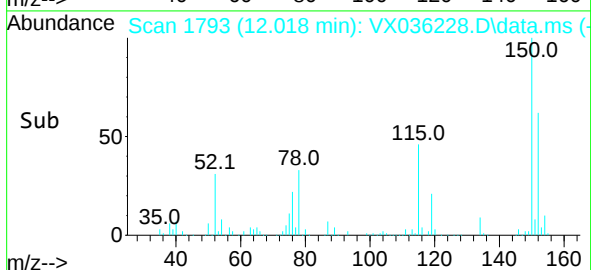
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

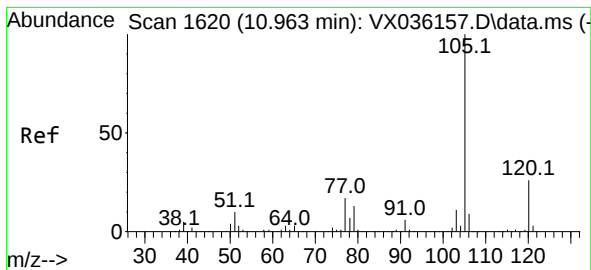


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



Tgt Ion:152 Resp: 129077
Ion Ratio Lower Upper
152 100
115 92.8 43.3 129.9
150 173.1 0.0 345.0





#73

Isopropylbenzene

Concen: 49.632 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 475362

Ion Ratio Lower Upper

105 100

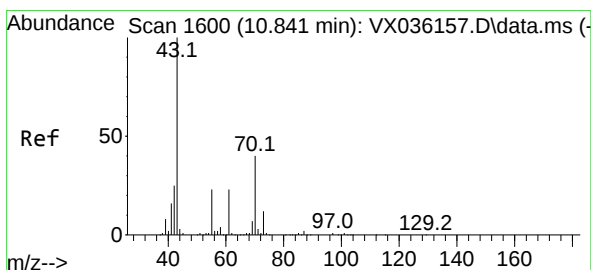
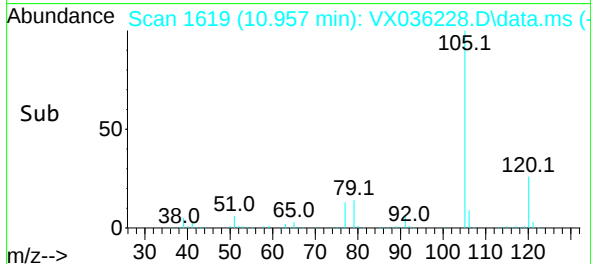
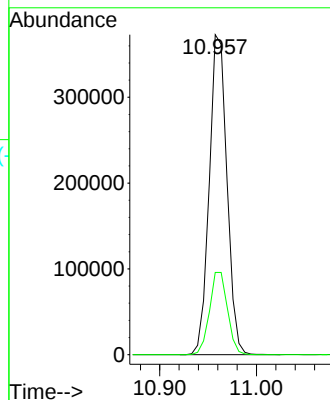
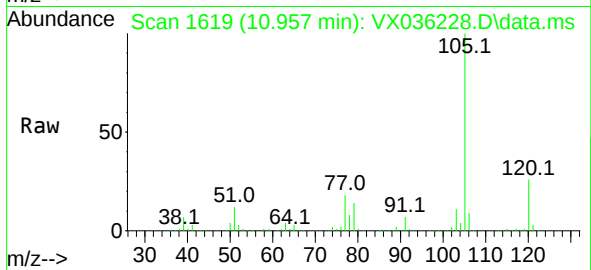
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#74

N-ethyl acetate

Concen: 51.774 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Tgt Ion: 43 Resp: 224083

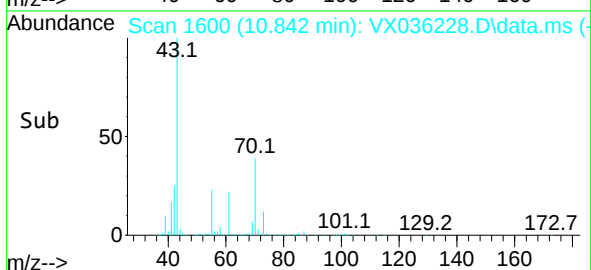
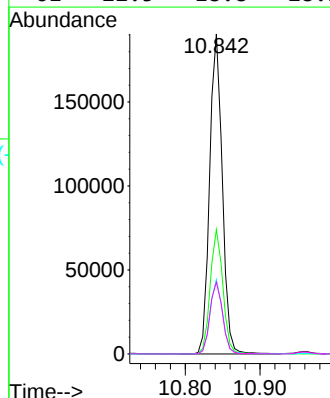
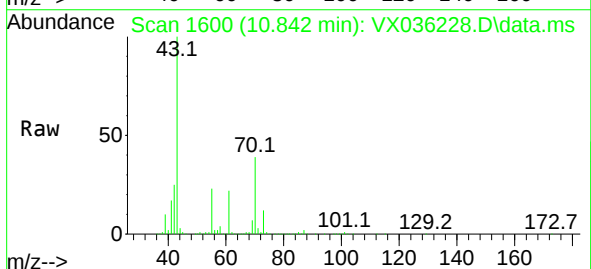
Ion Ratio Lower Upper

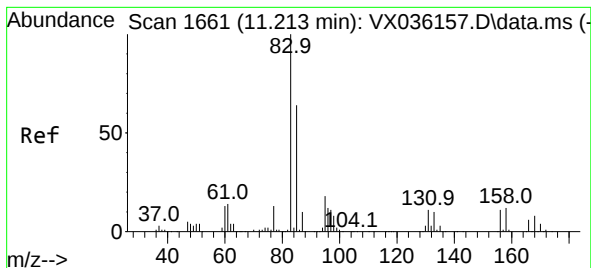
43 100

70 38.8 32.9 49.3

55 22.9 19.3 28.9

61 22.5 18.8 28.2





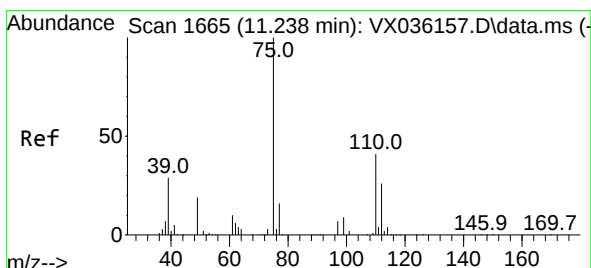
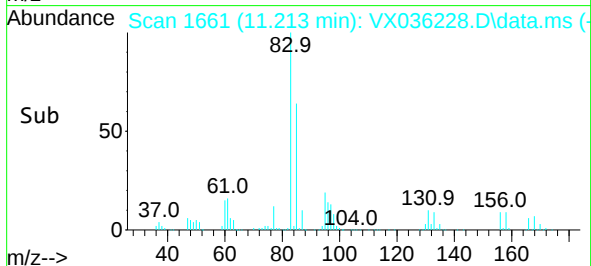
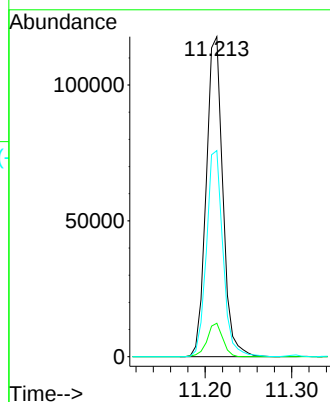
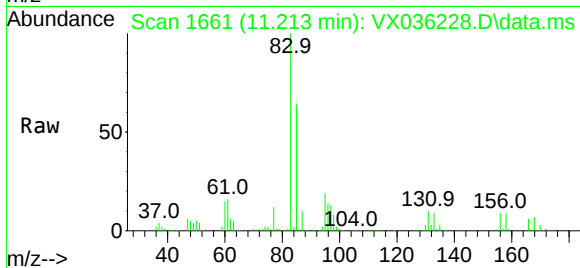
#75
1,1,2,2-Tetrachloroethane
Concen: 47.734 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 15654
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.1 32.0 96.2

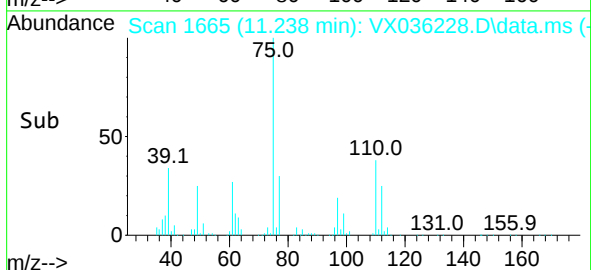
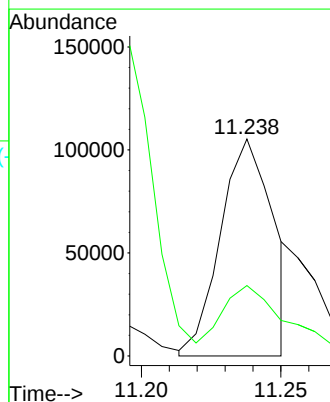
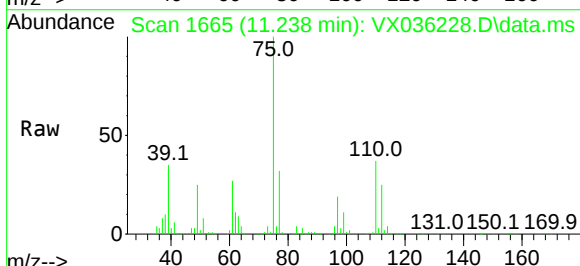
Manual Integrations
APPROVED

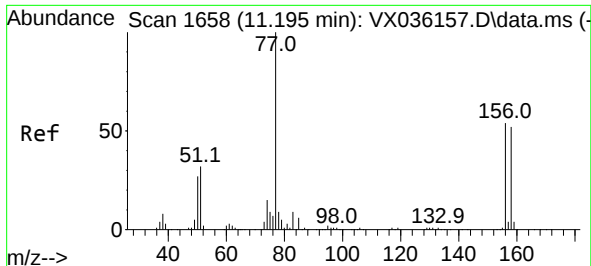
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#76
1,2,3-Trichloropropane
Concen: 45.262 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

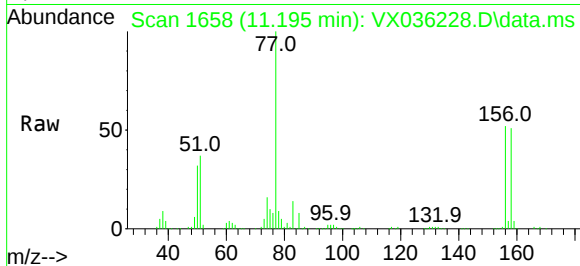
Tgt Ion: 75 Resp: 138654
Ion Ratio Lower Upper
75 100
77 41.2 19.1 57.5





#77
Bromobenzene
Concen: 46.999 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

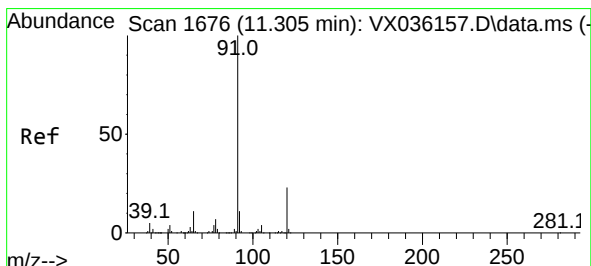
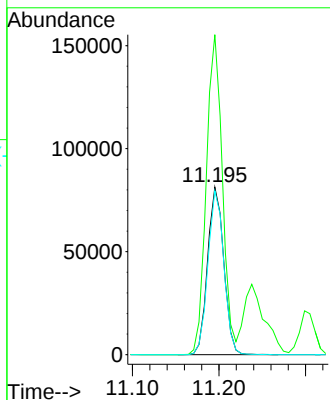
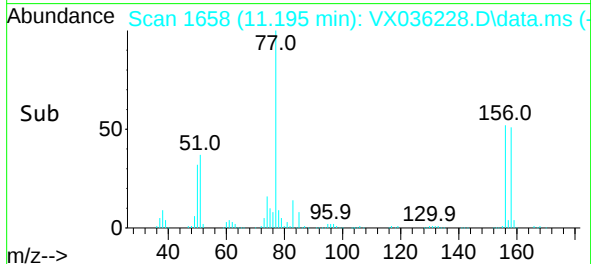
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



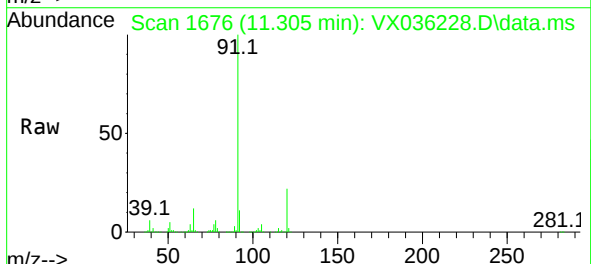
Tgt Ion:156 Resp: 105460
Ion Ratio Lower Upper
156 100
77 190.1 88.4 265.3
158 96.4 48.0 144.0

Manual Integrations
APPROVED

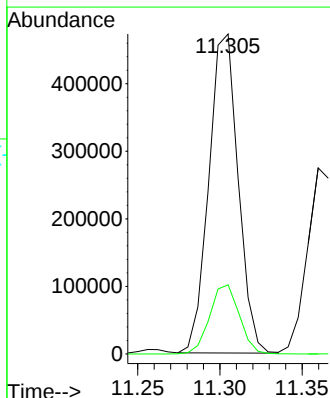
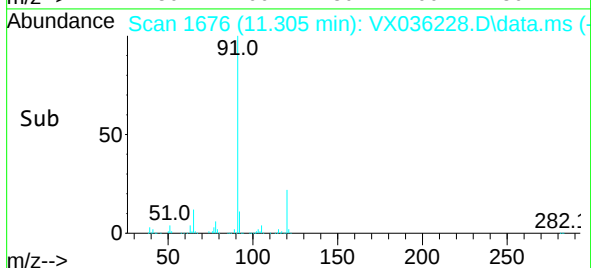
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

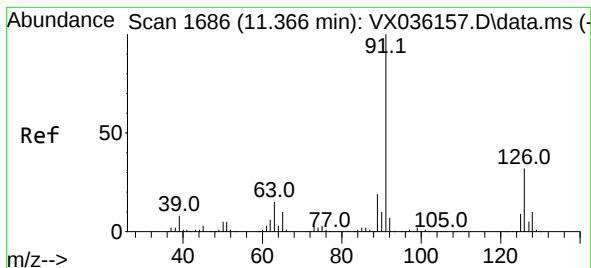


#78
n-propylbenzene
Concen: 52.036 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



Tgt Ion: 91 Resp: 586306
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.496 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 350760

Ion Ratio Lower Upper

91 100

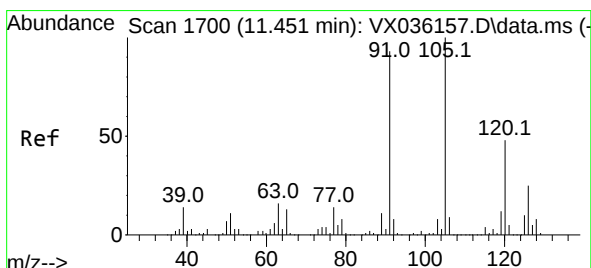
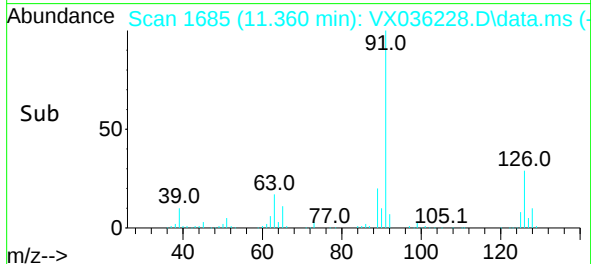
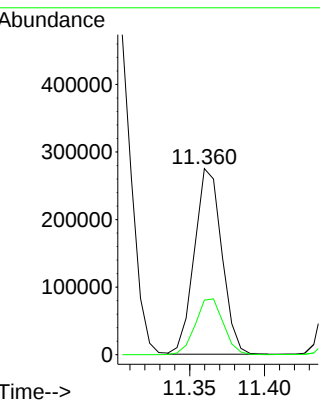
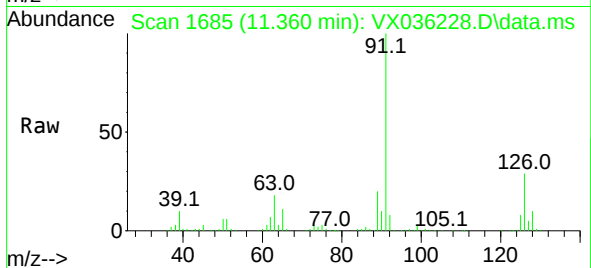
126 30.7 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#80

1,3,5-Trimethylbenzene

Concen: 50.861 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036228.D

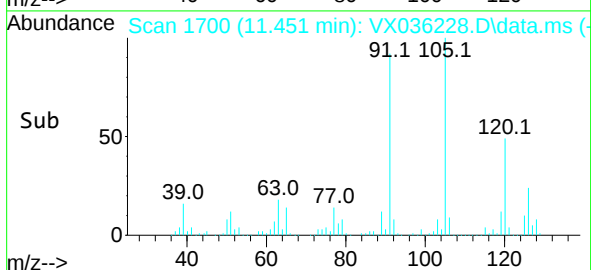
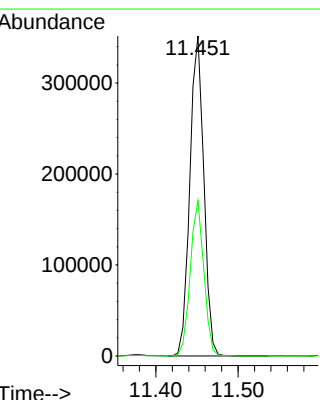
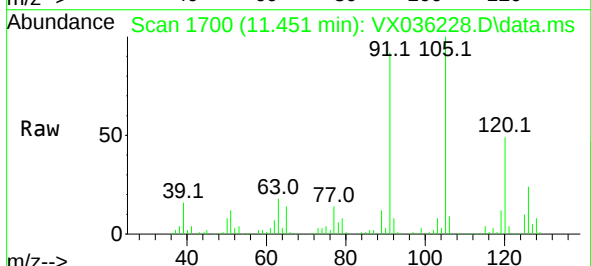
Acq: 20 Jun 2023 09:08

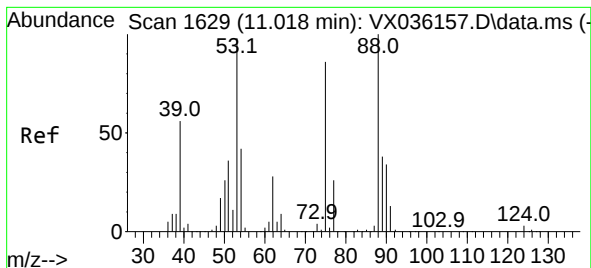
Tgt Ion:105 Resp: 414803

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.3





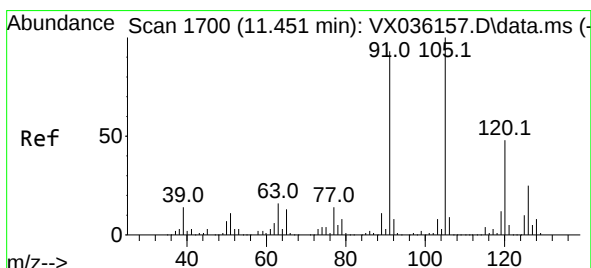
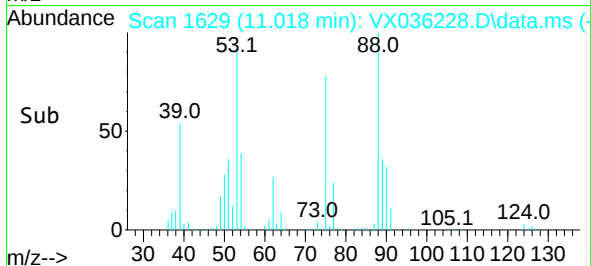
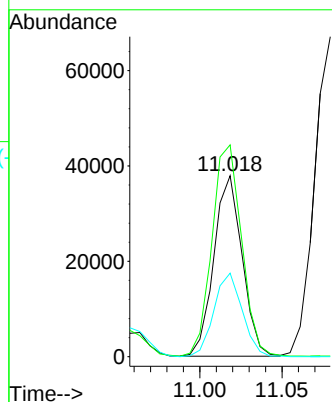
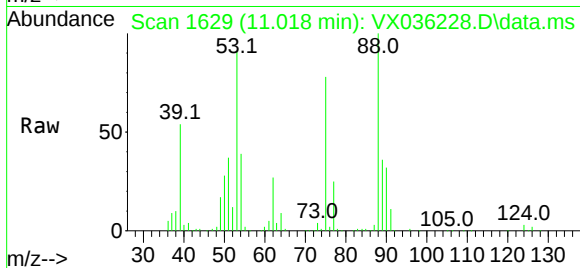
#81
trans-1,4-Dichloro-2-butene
Concen: 51.703 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 45250
Ion Ratio Lower Upper
75 100
53 122.9 90.5 135.7
89 46.5 36.9 55.3

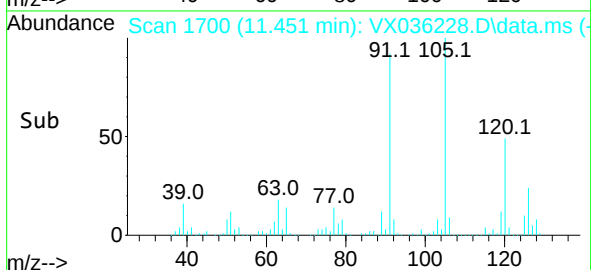
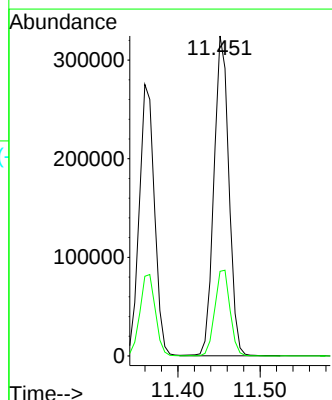
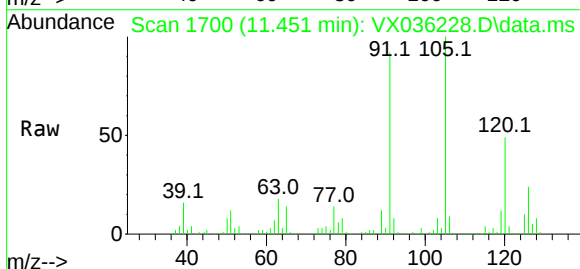
Manual Integrations
APPROVED

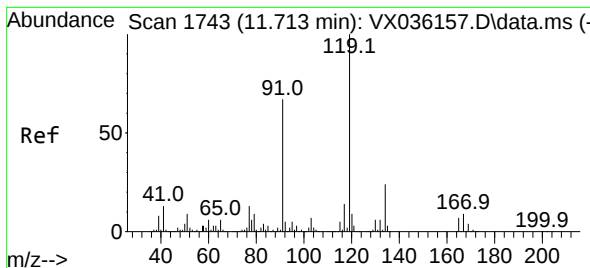
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#82
4-Chlorotoluene
Concen: 49.781 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

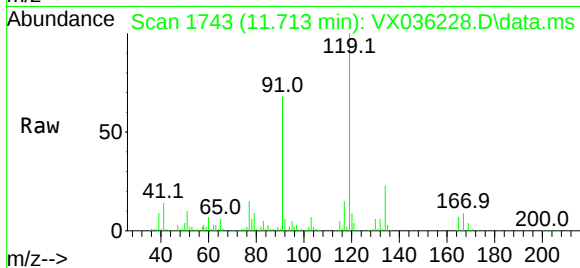
Tgt Ion: 91 Resp: 411052
Ion Ratio Lower Upper
91 100
126 27.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.230 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

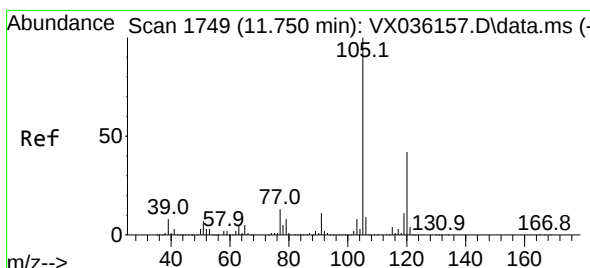
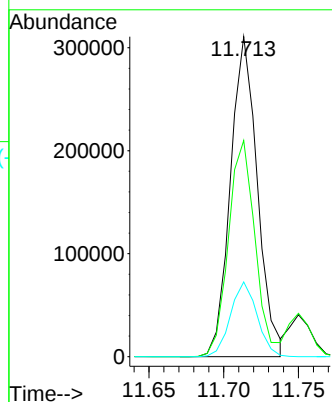
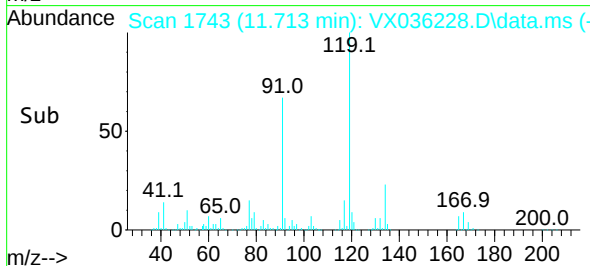
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



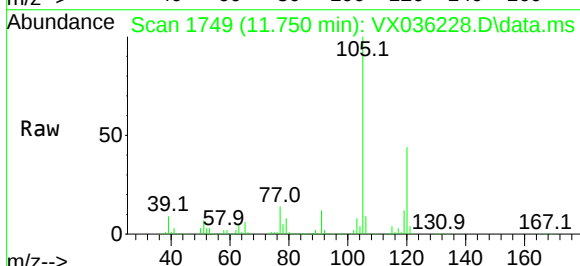
Tgt Ion:119 Resp: 38945
Ion Ratio Lower Upper
119 100
91 67.0 31.2 93.6
134 23.0 11.7 35.0

Manual Integrations
APPROVED

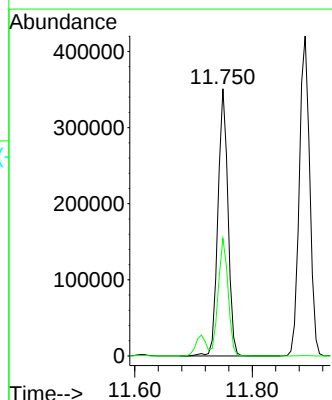
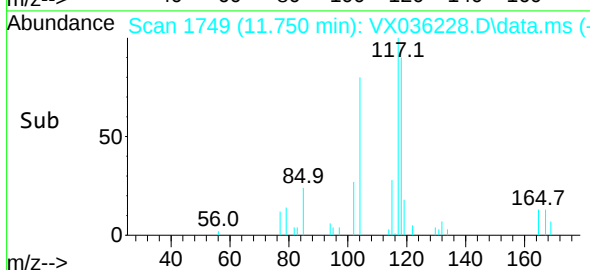
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

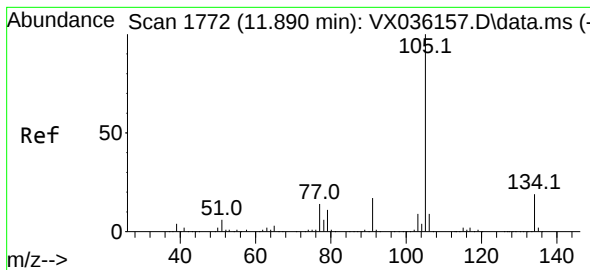


#84
1,2,4-Trimethylbenzene
Concen: 50.862 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



Tgt Ion:105 Resp: 413752
Ion Ratio Lower Upper
105 100
120 43.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.378 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036228.D
 Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

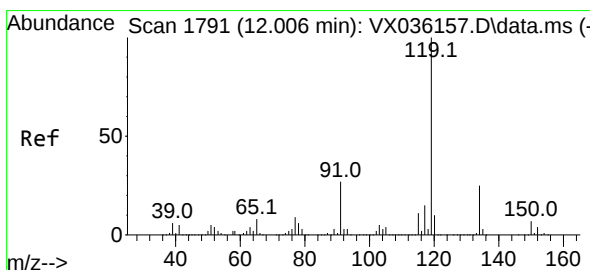
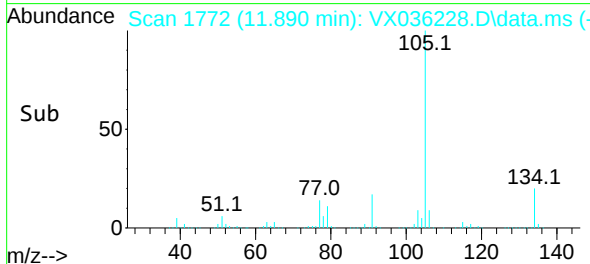
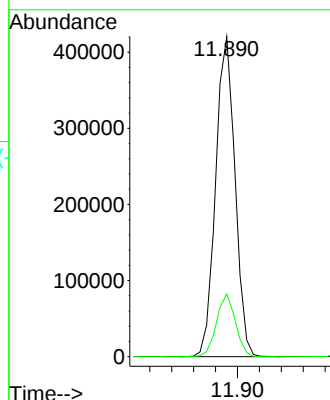
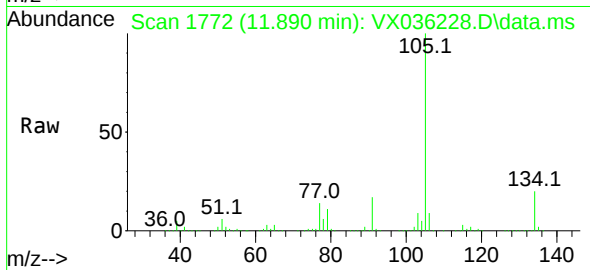
VSTDCCC050

Tgt Ion:105 Resp: 515310
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations

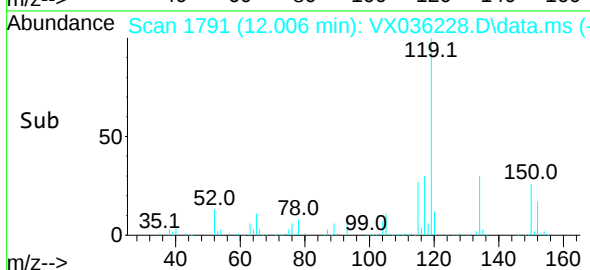
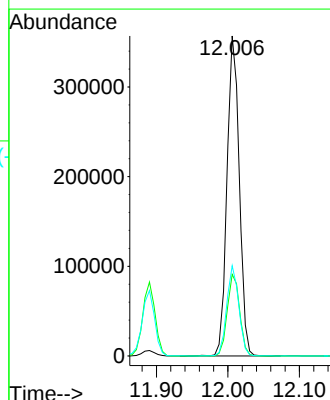
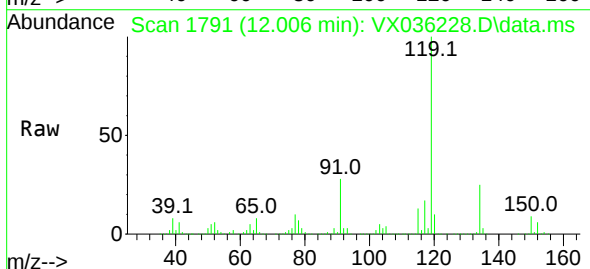
APPROVED

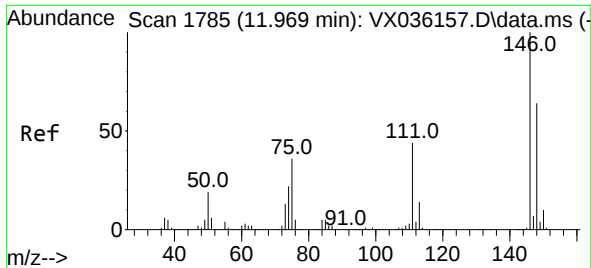
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#86
 p-Isopropyltoluene
 Concen: 52.459 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036228.D
 Acq: 20 Jun 2023 09:08

Tgt Ion:119 Resp: 426087
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 27.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.258 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 210798

Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.1

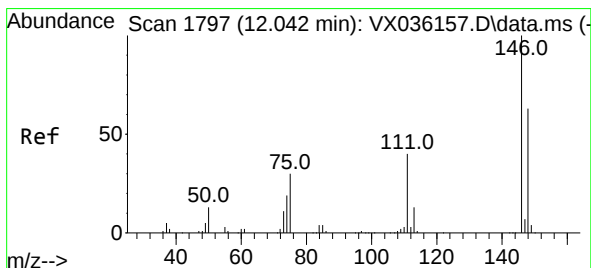
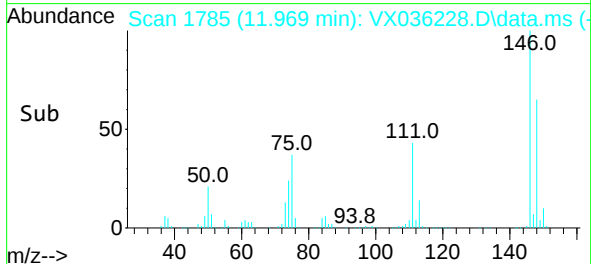
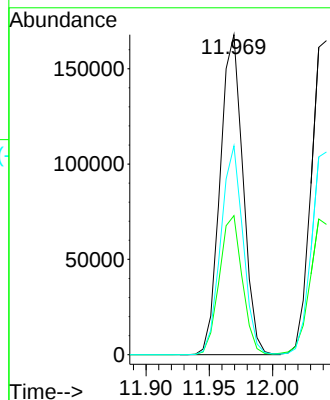
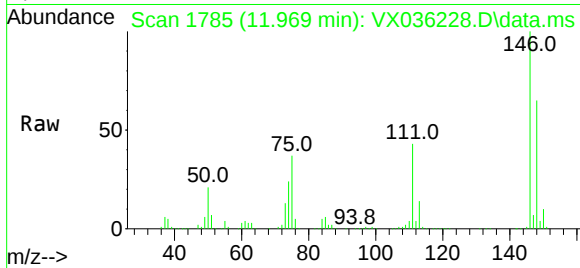
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#88

1,4-Dichlorobenzene

Concen: 48.349 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

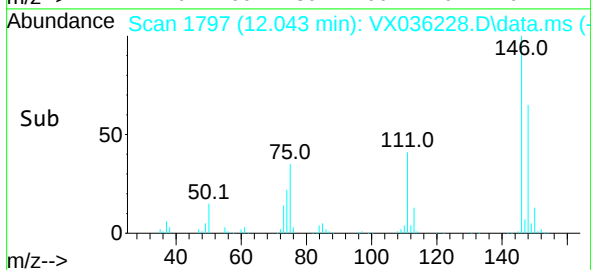
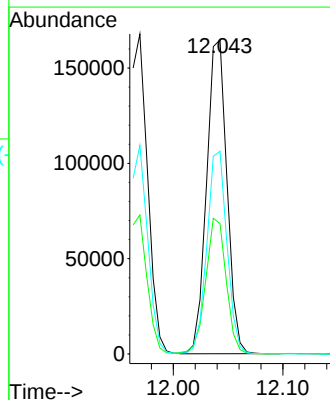
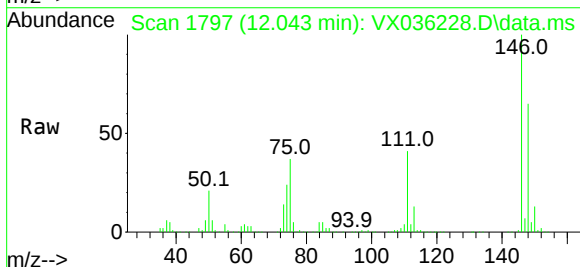
Tgt Ion:146 Resp: 211939

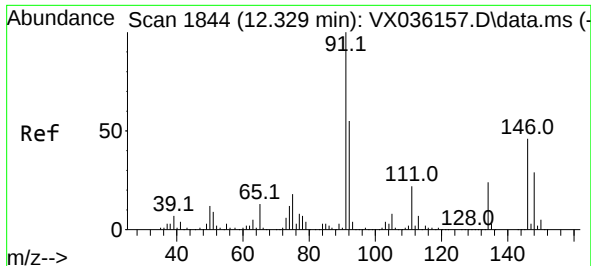
Ion Ratio Lower Upper

146 100

111 43.7 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 55.684 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 40363

Ion Ratio Lower Upper

91 100

92 53.0 27.4 82.0

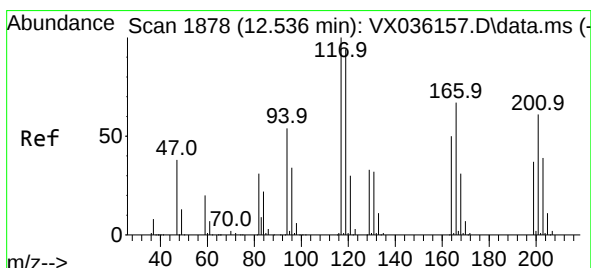
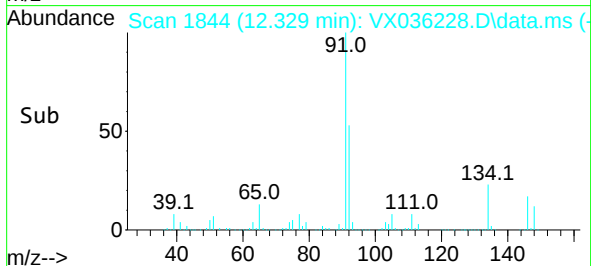
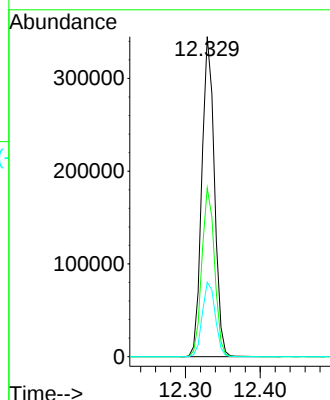
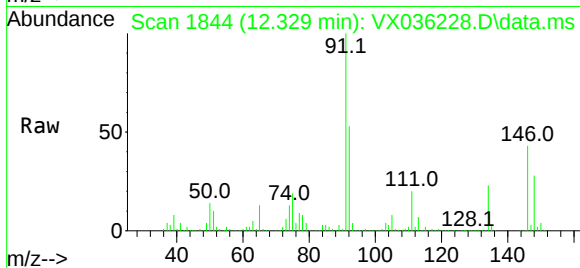
134 24.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#90

Hexachloroethane

Concen: 53.939 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036228.D

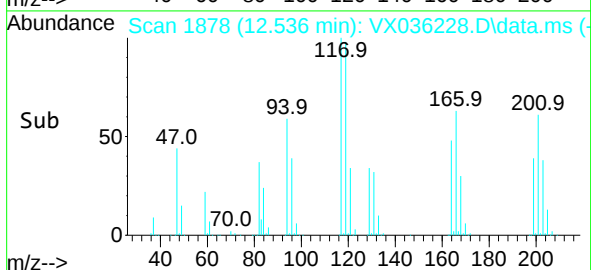
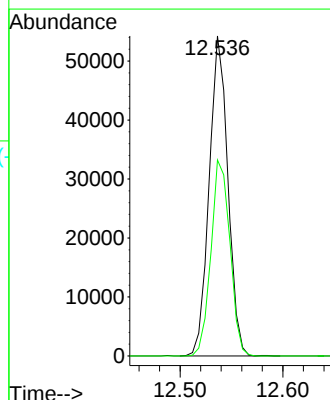
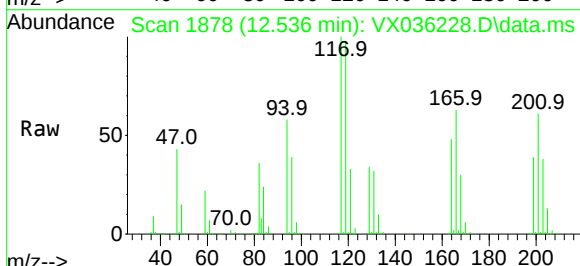
Acq: 20 Jun 2023 09:08

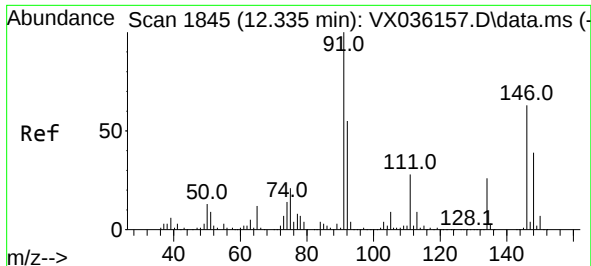
Tgt Ion:117 Resp: 68722

Ion Ratio Lower Upper

117 100

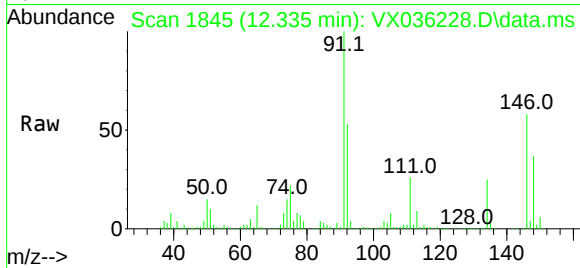
201 62.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.048 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

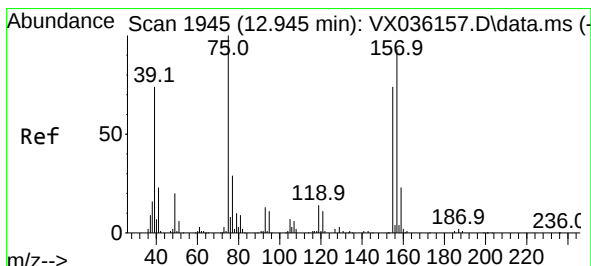
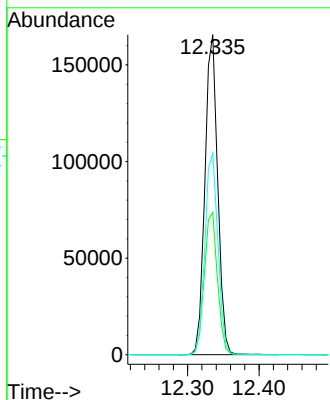
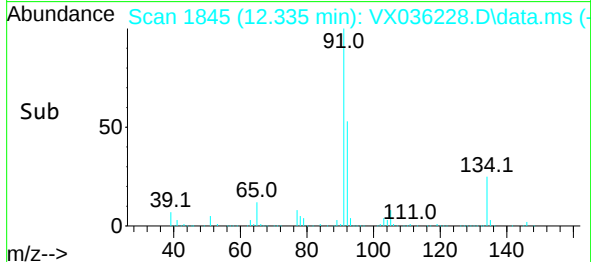
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



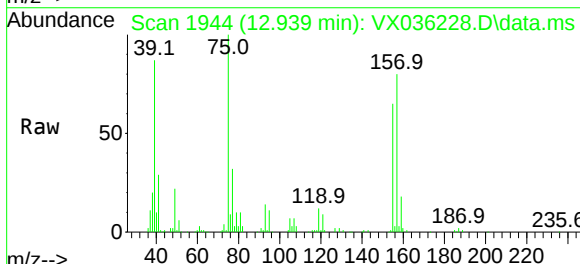
Tgt Ion:146 Resp: 20600
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
APPROVED

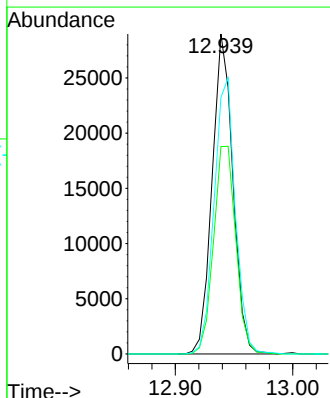
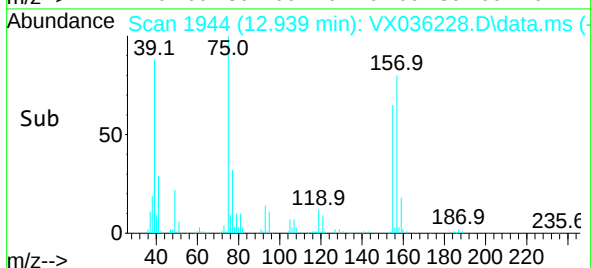
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

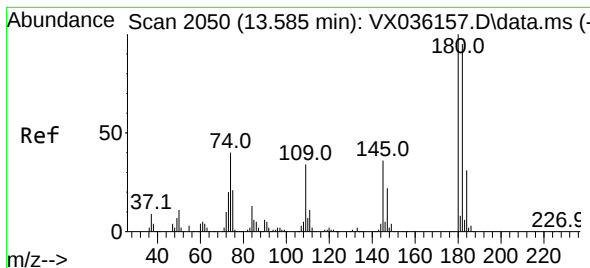


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.142 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



Tgt Ion: 75 Resp: 35547
Ion Ratio Lower Upper
75 100
155 69.5 36.1 108.5
157 88.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.157 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 124179

Ion Ratio Lower Upper

180 100

182 96.4 48.3 144.8

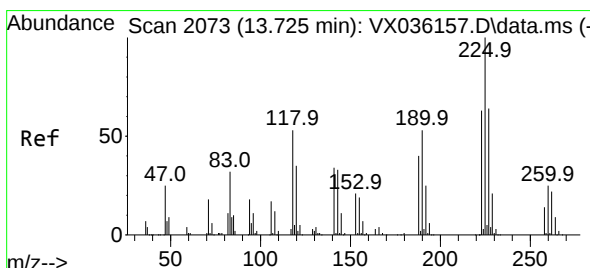
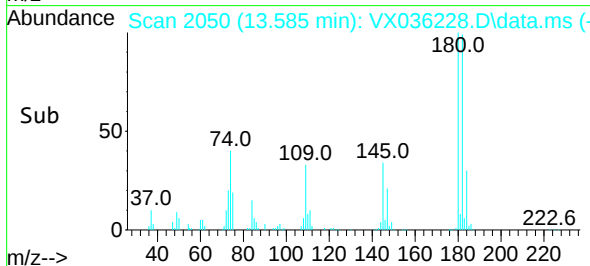
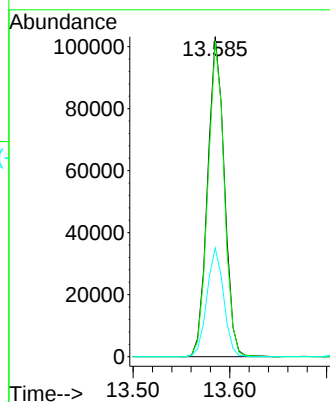
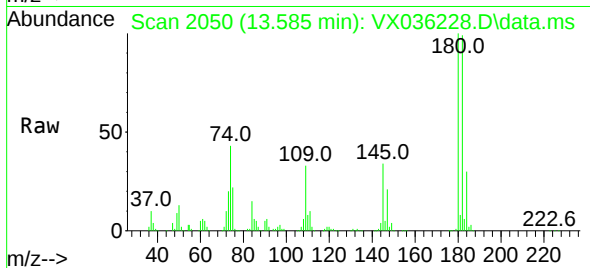
145 33.8 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#94

Hexachlorobutadiene

Concen: 52.855 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036228.D

Acq: 20 Jun 2023 09:08

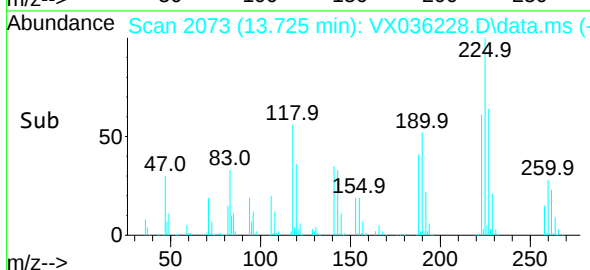
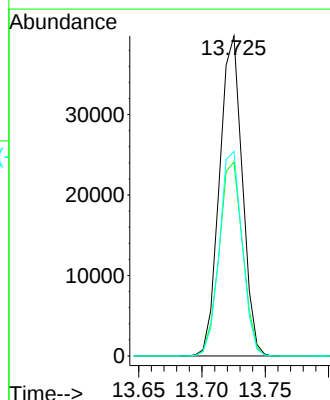
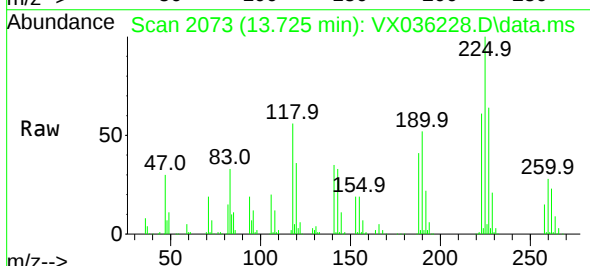
Tgt Ion:225 Resp: 49747

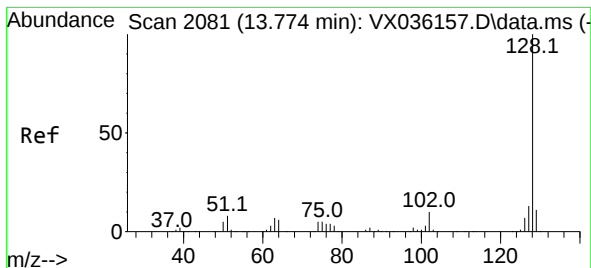
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.2

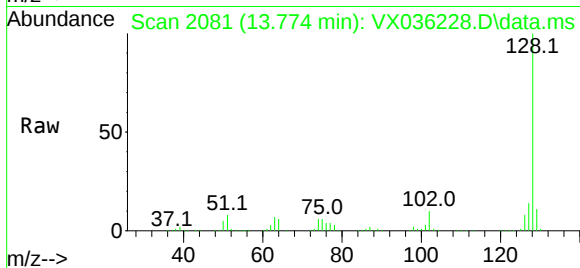
227 63.6 32.5 97.5





#95
Naphthalene
Concen: 50.171 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08

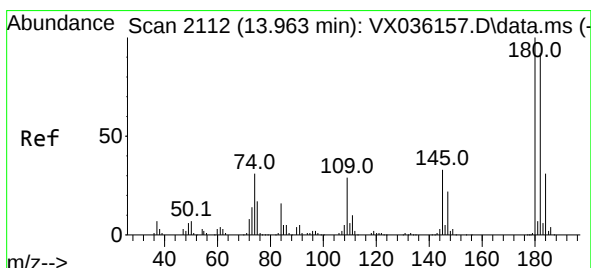
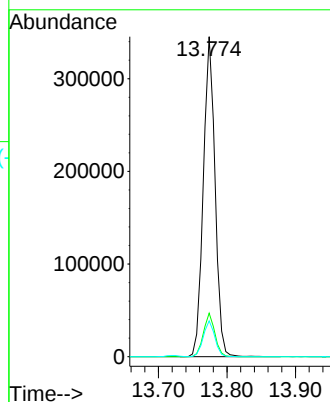
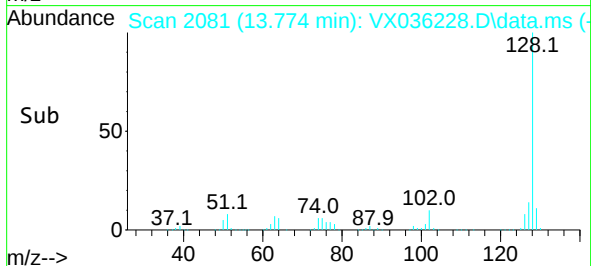
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



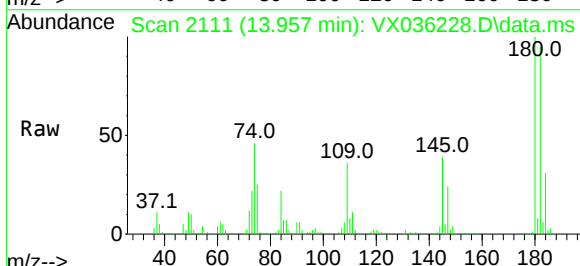
Tgt Ion:128 Resp: 412025
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.634 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX036228.D
Acq: 20 Jun 2023 09:08



Tgt Ion:180 Resp: 120888
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 36.5 17.8 53.5

