

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036852.D
 Acq On : 08 Aug 2023 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 09 04:09:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	145249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116636	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103813	48.304	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.600%
35) Dibromofluoromethane	5.385	113	84742	49.052	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.100%
50) Toluene-d8	8.647	98	275845	45.025	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.060%#
62) 4-Bromofluorobenzene	11.079	95	114196	49.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90829	47.337	ug/l	98
3) Chloromethane	1.300	50	79709	45.673	ug/l	99
4) Vinyl Chloride	1.374	62	84777	47.712	ug/l	99
5) Bromomethane	1.599	94	73289	69.088	ug/l	98
6) Chloroethane	1.678	64	53221	61.608	ug/l	100
7) Trichlorofluoromethane	1.886	101	144680	52.727	ug/l	98
8) Diethyl Ether	2.136	74	56756	53.463	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	81006	49.138	ug/l	98
10) Methyl Iodide	2.453	142	102874	60.080	ug/l	94
11) Tert butyl alcohol	2.965	59	130310	256.110	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	78395	48.201	ug/l	85
13) Acrolein	2.239	56	105314	362.684	ug/l	99
14) Allyl chloride	2.660	41	140618	43.906	ug/l #	95
15) Acrylonitrile	3.062	53	257437	251.593	ug/l	99
16) Acetone	2.380	43	224921	252.203	ug/l	92
17) Carbon Disulfide	2.508	76	206182	45.932	ug/l	100
18) Methyl Acetate	2.703	43	183731	48.972	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	323502	52.930	ug/l	98
20) Methylene Chloride	2.788	84	96477	48.642	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	89630	49.308	ug/l	92
22) Diisopropyl ether	3.757	45	283803	46.671	ug/l #	95
23) Vinyl Acetate	3.721	43	1140866	244.582	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	165762	48.619	ug/l	98
25) 2-Butanone	4.556	43	358149	247.522	ug/l	91
26) 2,2-Dichloropropane	4.477	77	147669	45.966	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	110145	51.016	ug/l	91
28) Bromochloromethane	4.897	49	76946	46.665	ug/l	85
29) Tetrahydrofuran	5.001	42	227646	244.029	ug/l	88
30) Chloroform	5.092	83	183358	52.567	ug/l	96
31) Cyclohexane	5.470	56	130061	43.708	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	157441	49.261	ug/l	98
36) 1,1-Dichloropropene	5.690	75	124578	48.380	ug/l	98
37) Ethyl Acetate	4.714	43	141068	48.402	ug/l	95
38) Carbon Tetrachloride	5.678	117	138056	50.430	ug/l	98
39) Methylcyclohexane	7.379	83	135811	42.416	ug/l	91
40) Benzene	6.037	78	370459	49.449	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	76022	48.770	ug/l	91
42) 1,2-Dichloroethane	6.086	62	150214	54.840	ug/l	97
43) Isopropyl Acetate	6.336	43	237349	47.310	ug/l #	94
44) Trichloroethene	7.123	130	100577	51.360	ug/l	97
45) 1,2-Dichloropropane	7.427	63	96562	48.275	ug/l	98
46) Dibromomethane	7.580	93	75619	54.018	ug/l	96
47) Bromodichloromethane	7.818	83	149166	51.911	ug/l	96
48) Methyl methacrylate	7.690	41	113612	48.695	ug/l #	88
49) 1,4-Dioxane	7.659	88	52934	1123.066	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	687783	247.731	ug/l	94
52) Toluene	8.720	92	238241	50.752	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	164769	50.733	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	172191	50.244	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	102799	52.096	ug/l	98
56) Ethyl methacrylate	9.116	69	165751	51.584	ug/l	92
57) 1,3-Dichloropropane	9.305	76	172815	52.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	374444	236.505	ug/l	95
59) 2-Hexanone	9.427	43	519654	252.199	ug/l	92
60) Dibromochloromethane	9.518	129	117192	54.034	ug/l	100
61) 1,2-Dibromoethane	9.610	107	112886	55.198	ug/l	99
64) Tetrachloroethene	9.275	164	87985	51.719	ug/l	99
65) Chlorobenzene	10.079	112	257981	51.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	101552	52.260	ug/l	99
67) Ethyl Benzene	10.195	91	453538	49.381	ug/l	98
68) m/p-Xylenes	10.299	106	348059	101.570	ug/l	98
69) o-Xylene	10.640	106	174247	50.942	ug/l	99
70) Styrene	10.652	104	296308	52.505	ug/l	98
71) Bromoform	10.799	173	84891	53.967	ug/l #	98
73) Isopropylbenzene	10.963	105	438031	45.379	ug/l	98
74) N-amyl acetate	10.841	43	199510	44.323	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	157590	48.337	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	185362	67.566	ug/l	90
77) Bromobenzene	11.195	156	109127	49.643	ug/l	94
78) n-propylbenzene	11.305	91	502291	44.994	ug/l	100
79) 2-Chlorotoluene	11.366	91	313470	46.340	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	373461	46.248	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	54651	45.152	ug/l	87
82) 4-Chlorotoluene	11.451	91	365775	47.457	ug/l	99
83) tert-Butylbenzene	11.713	119	352792	44.471	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	380243	47.084	ug/l	97
85) sec-Butylbenzene	11.890	105	425260	42.985	ug/l	99
86) p-Isopropyltoluene	12.006	119	363631	44.669	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	203483	49.978	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	205308	50.812	ug/l	99
89) n-Butylbenzene	12.329	91	312567	42.892	ug/l	99
90) Hexachloroethane	12.536	117	67765	41.062	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	203942	51.908	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38440	50.739	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	122651	50.670	ug/l	96
94) Hexachlorobutadiene	13.725	225	45129	45.065	ug/l	98
95) Naphthalene	13.774	128	456933	54.170	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	122264	51.248	ug/l	98

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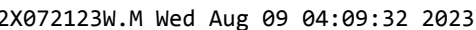
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MSVOA_X
ClientSampleId :
VSTDCCC050

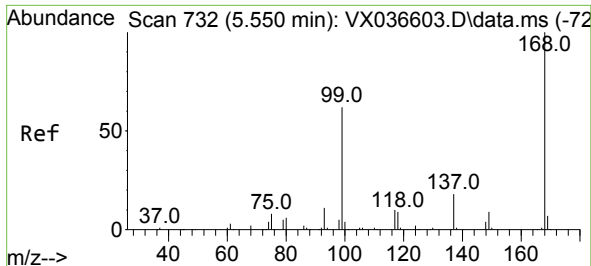
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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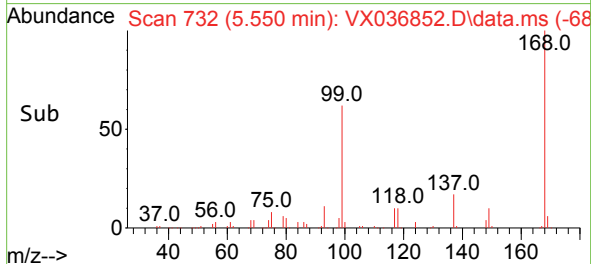
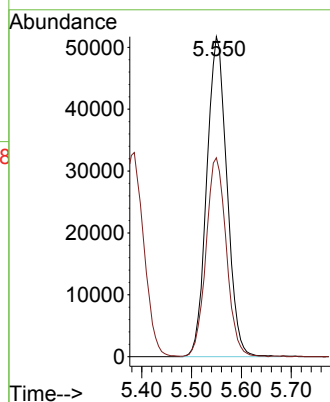
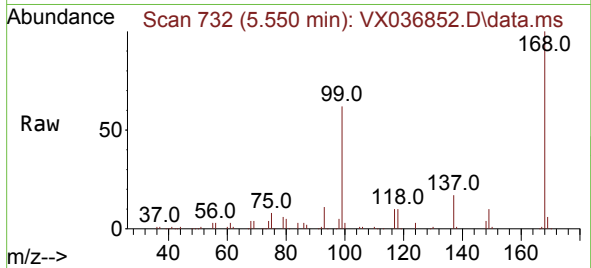




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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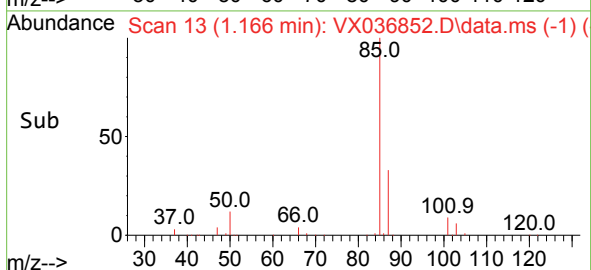
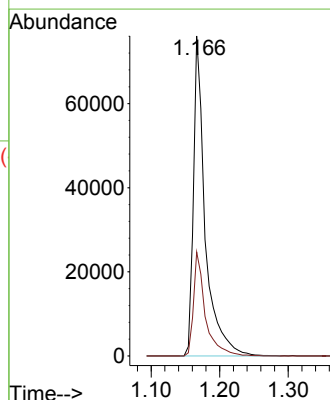
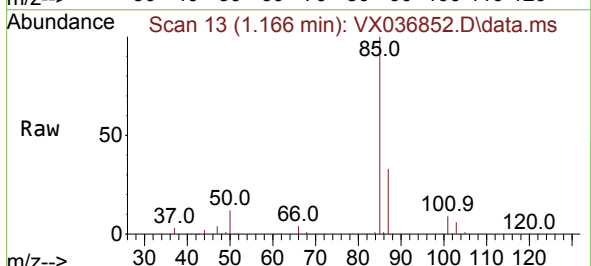
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 145249
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 47.337 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 85 Resp: 90829
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1

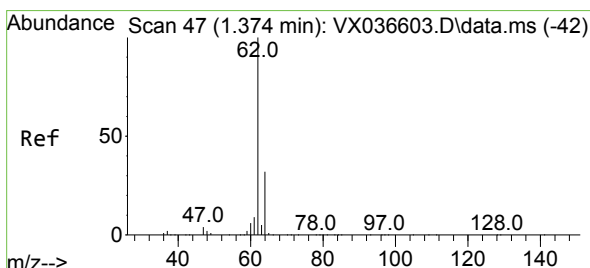
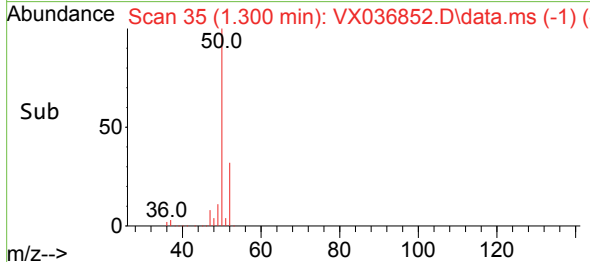
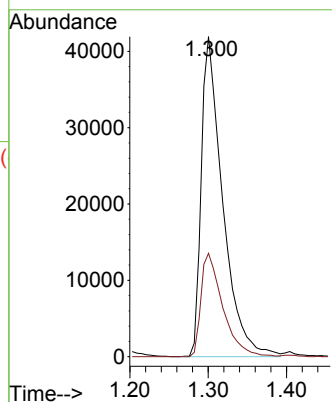
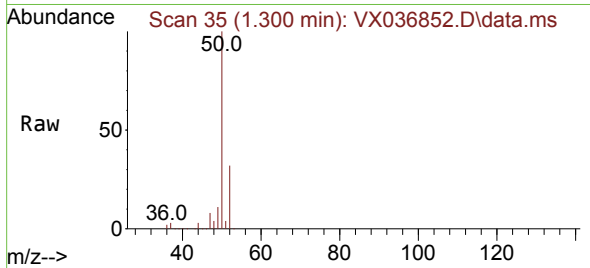




#3
Chloromethane
Concen: 45.673 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

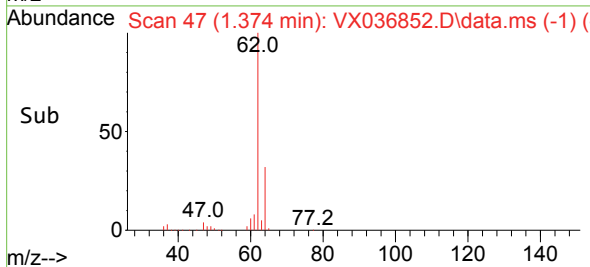
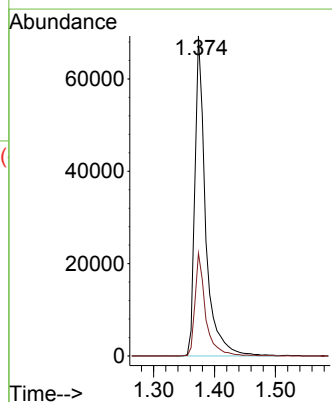
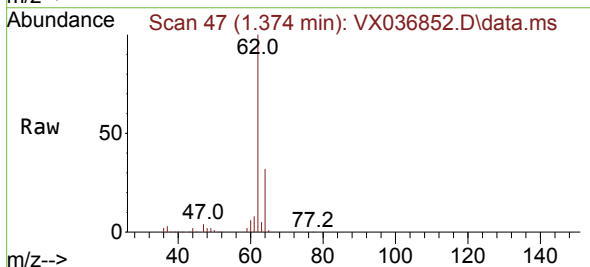
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 79709
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3



#4
Vinyl Chloride
Concen: 47.712 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 62 Resp: 84777
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

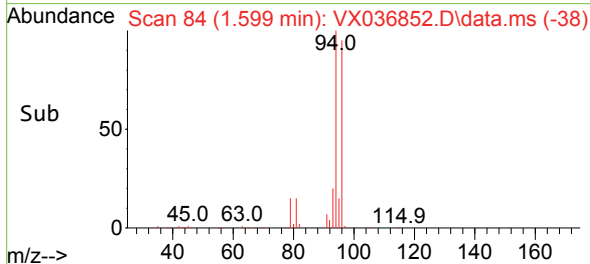
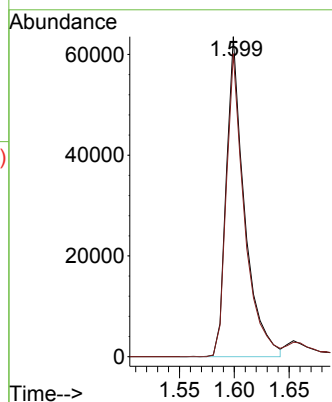
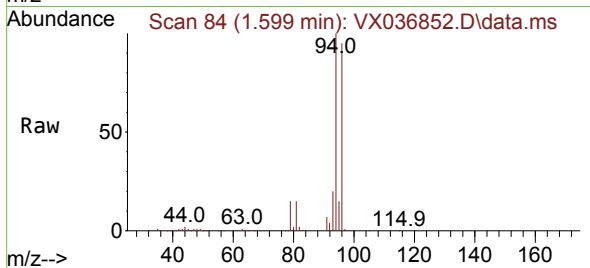




#5
Bromomethane
Concen: 69.088 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

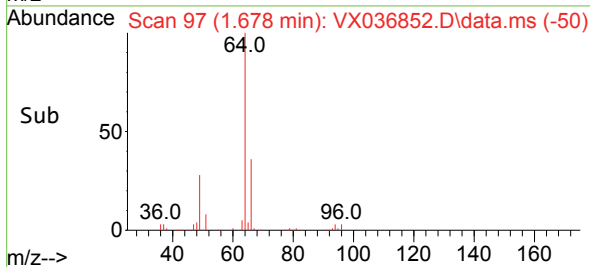
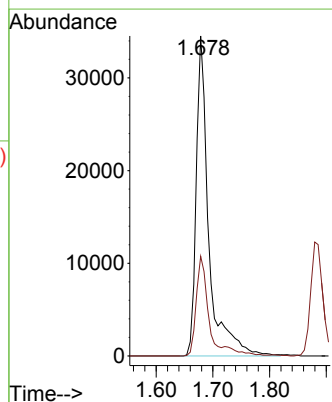
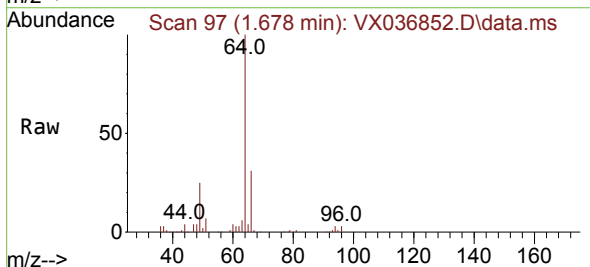
Instrument :
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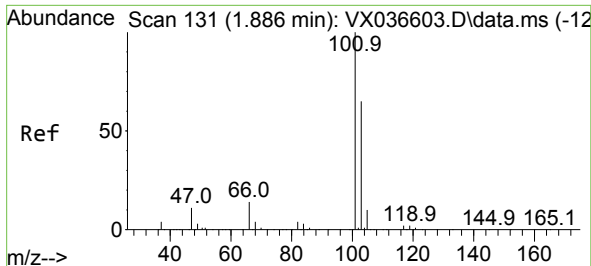
Tgt Ion: 94 Resp: 73289
Ion Ratio Lower Upper
94 100
96 94.7 74.6 111.8



#6
Chloroethane
Concen: 61.608 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX036852.D
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Tgt Ion: 64 Resp: 53221
Ion Ratio Lower Upper
64 100
66 31.2 25.1 37.7

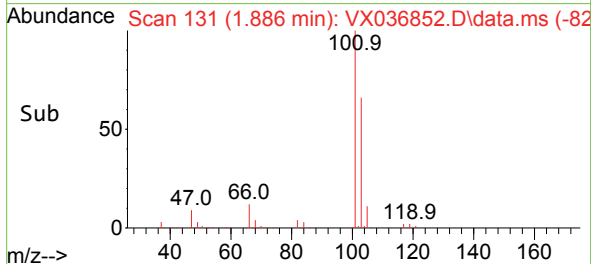
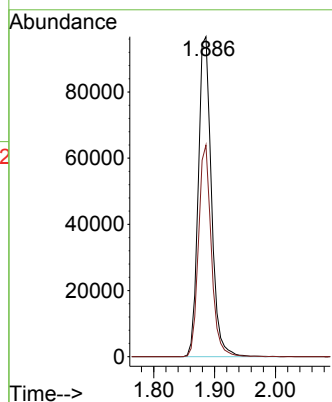
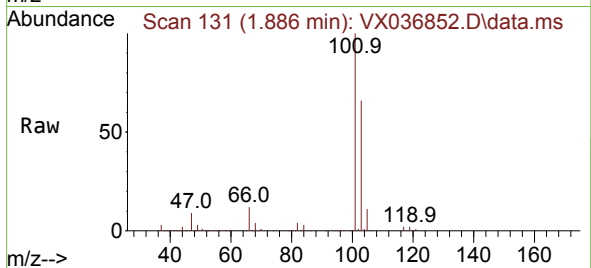




#7
Trichlorofluoromethane
Concen: 52.727 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036852.D
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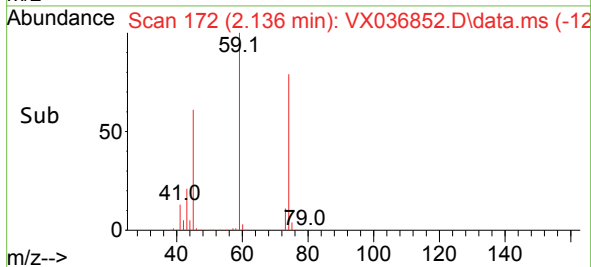
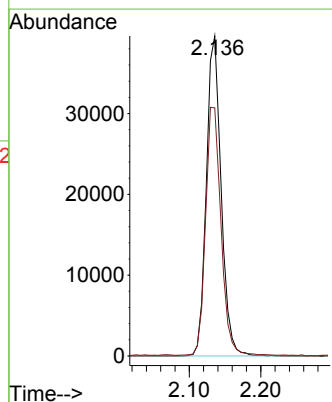
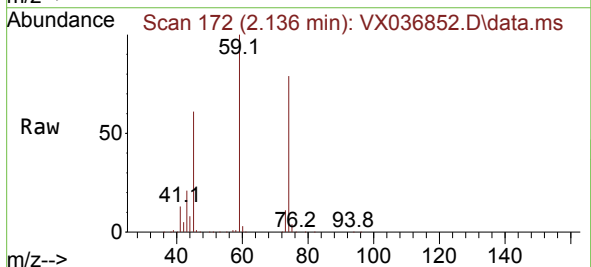
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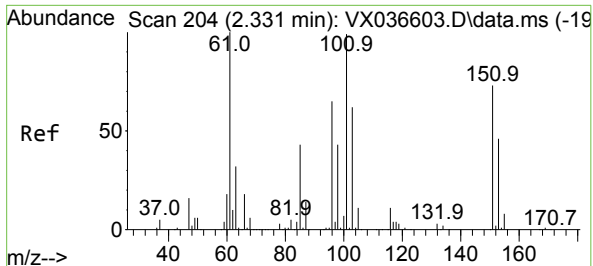
Tgt Ion:101 Resp: 144680
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2



#8
Diethyl Ether
Concen: 53.463 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 74 Resp: 56756
Ion Ratio Lower Upper
74 100
45 81.1 53.3 159.8

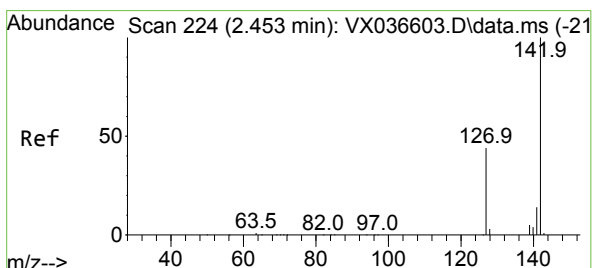
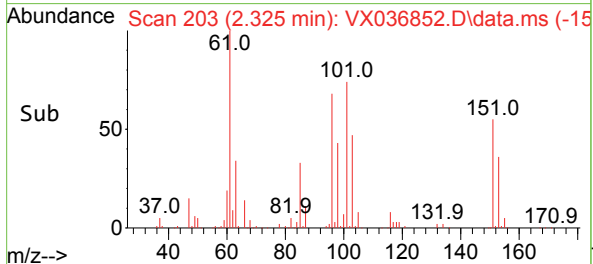
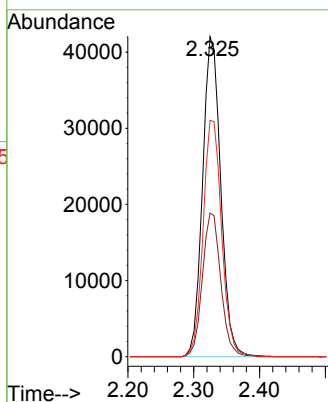
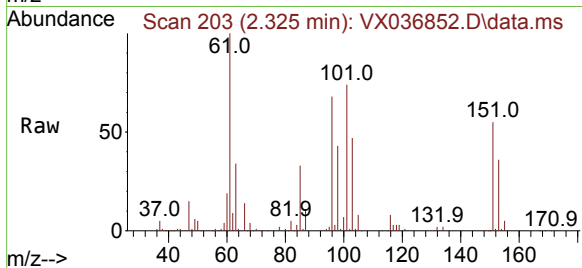




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.138 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
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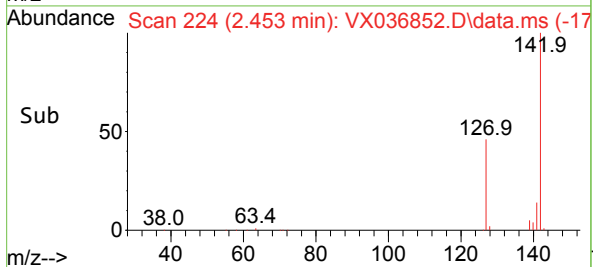
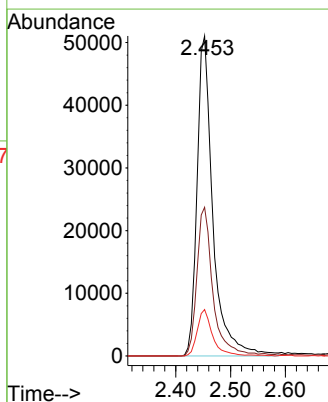
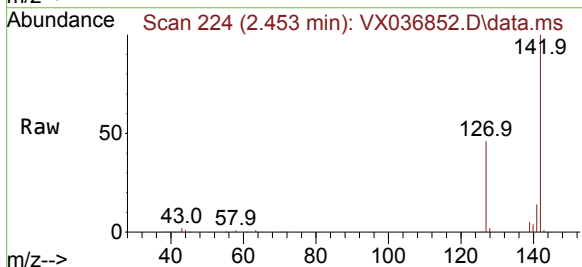
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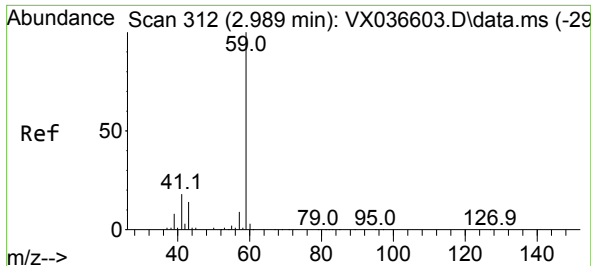
Tgt Ion:101 Resp: 81006
Ion Ratio Lower Upper
101 100
85 45.2 37.0 55.6
151 75.2 58.6 87.8



#10
Methyl Iodide
Concen: 60.080 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion:142 Resp: 102874
Ion Ratio Lower Upper
142 100
127 46.8 41.6 62.4
141 14.2 11.6 17.4

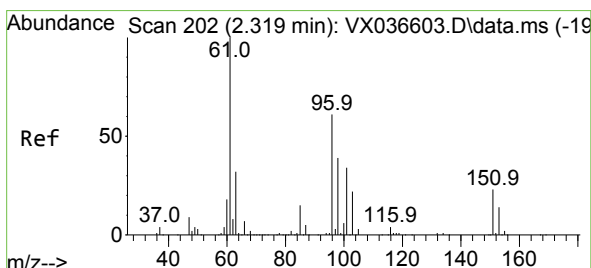
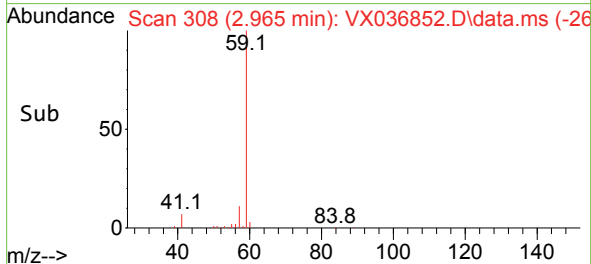
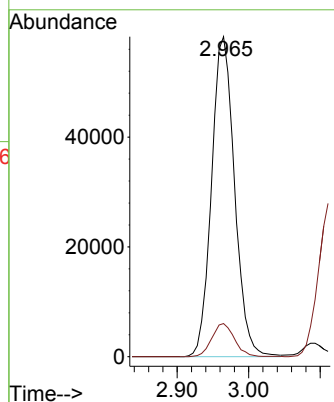
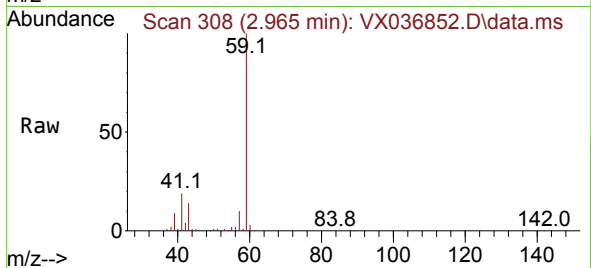




#11
Tert butyl alcohol
Concen: 256.110 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

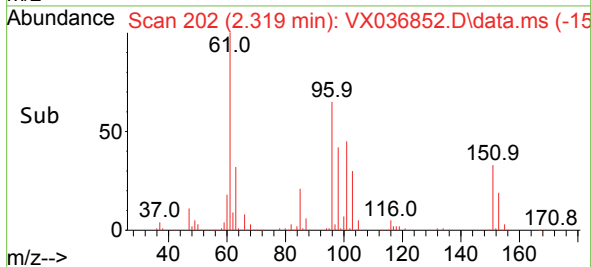
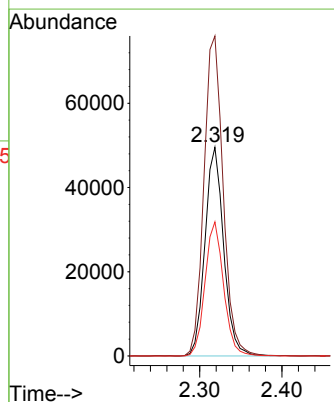
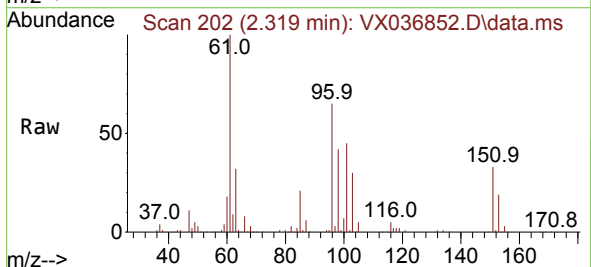
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 130310
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 48.201 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 96 Resp: 78395
Ion Ratio Lower Upper
96 100
61 153.4 144.6 216.8
98 64.2 50.4 75.6

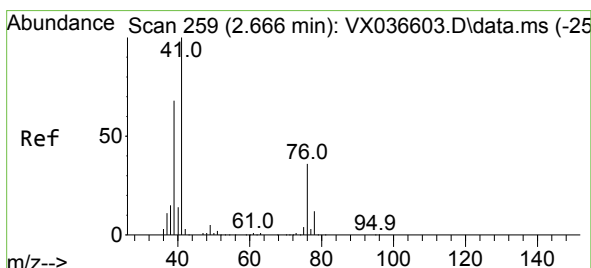
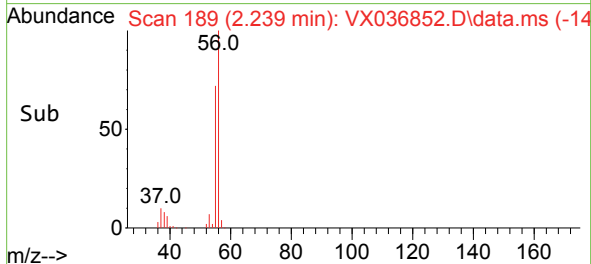
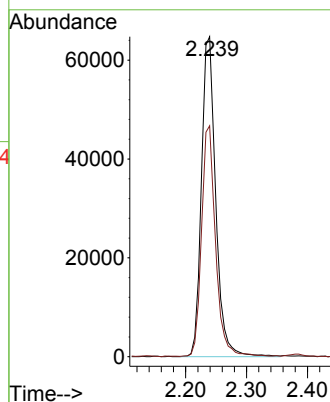
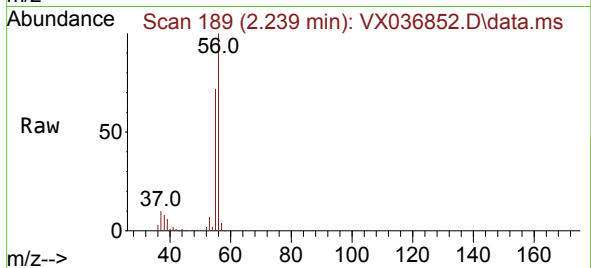




#13
Acrolein
Concen: 362.684 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

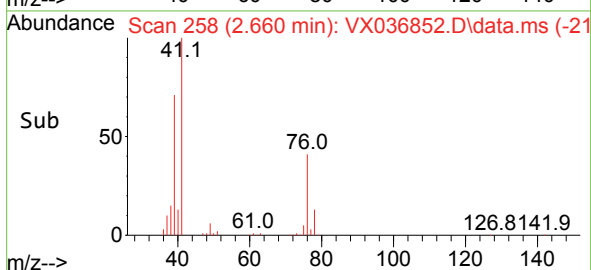
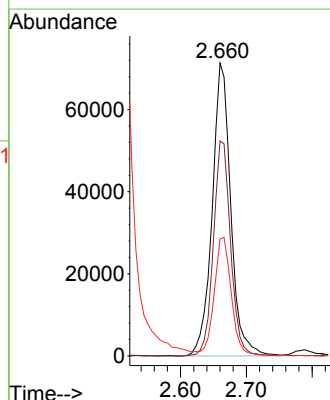
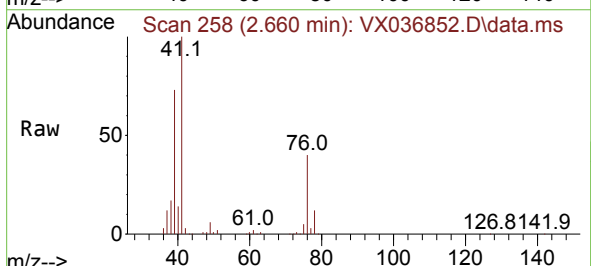
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

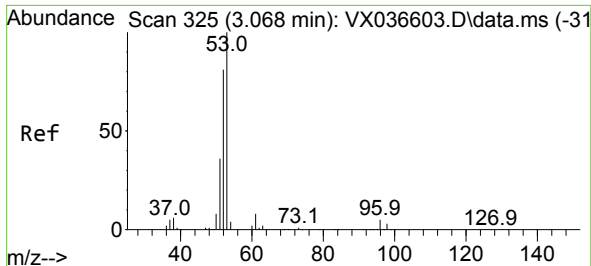
Tgt Ion: 56 Resp: 105314
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7



#14
Allyl chloride
Concen: 43.906 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 41 Resp: 140618
Ion Ratio Lower Upper
41 100
39 67.9 55.8 83.6
76 37.0 24.3 36.5

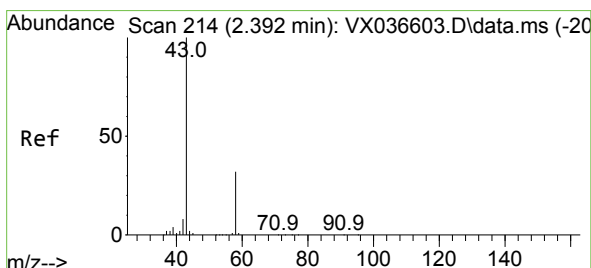
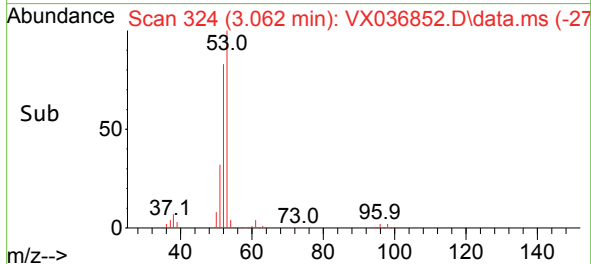
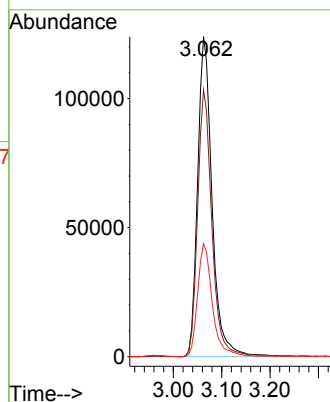
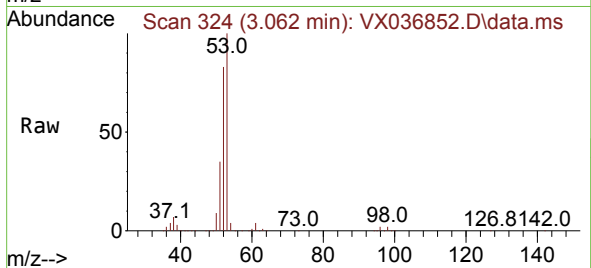




#15
Acrylonitrile
Concen: 251.593 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

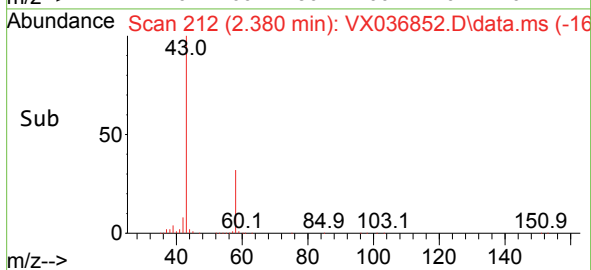
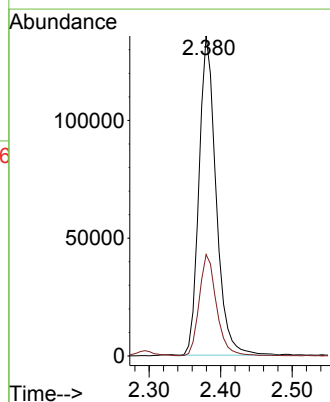
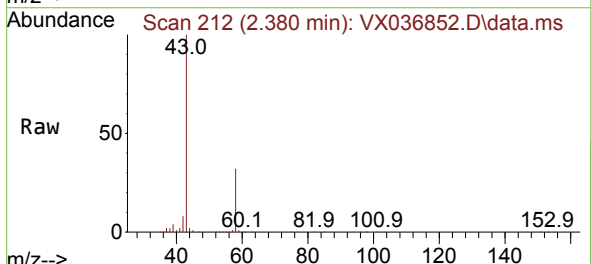
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

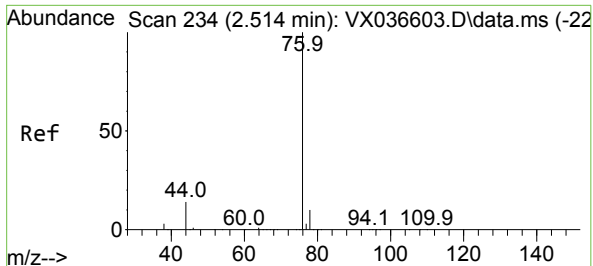
Tgt Ion: 53 Resp: 257437
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 36.2 29.8 44.6



#16
Acetone
Concen: 252.203 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 43 Resp: 224921
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9

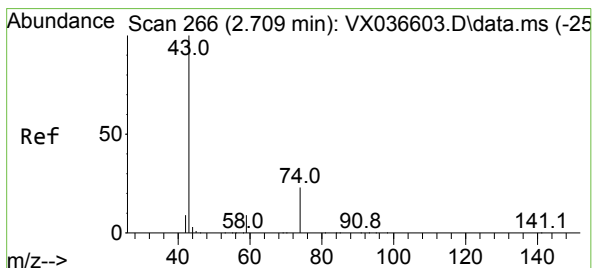
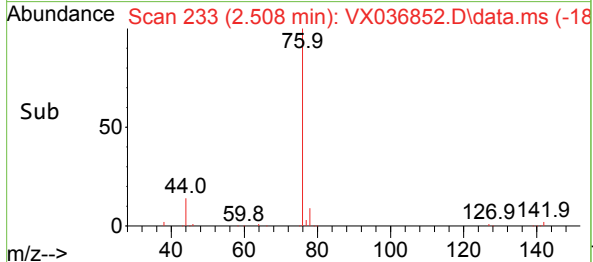
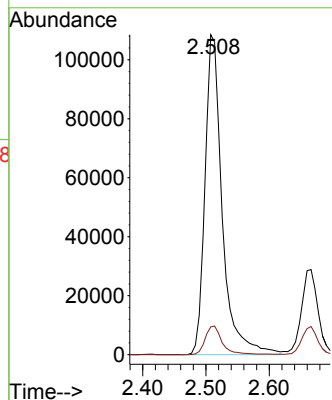
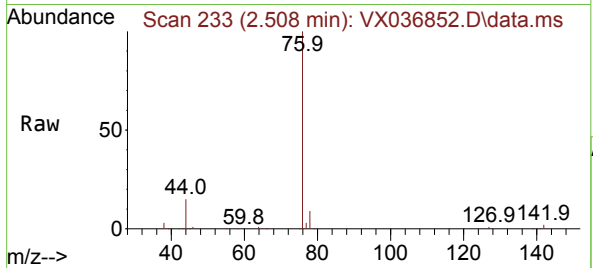




#17
Carbon Disulfide
Concen: 45.932 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

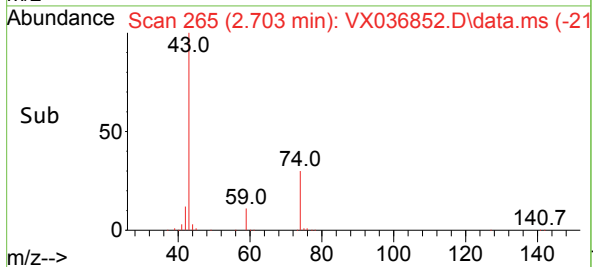
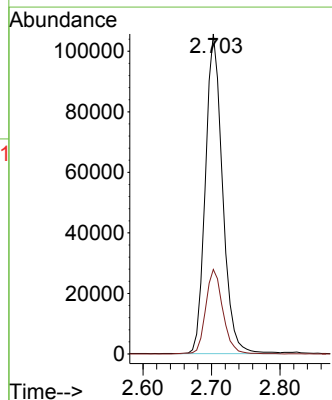
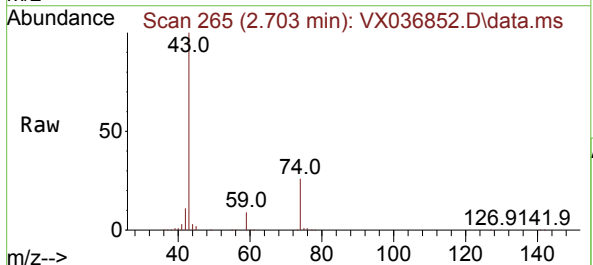
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

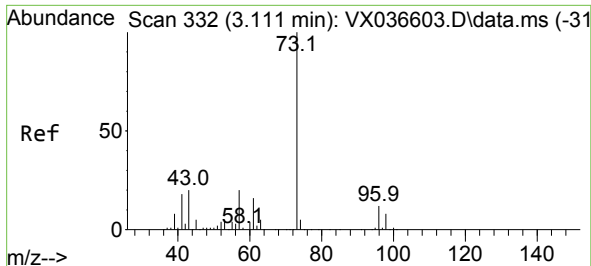
Tgt Ion: 76 Resp: 206182
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 48.972 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 43 Resp: 183731
Ion Ratio Lower Upper
43 100
74 26.6 17.8 26.8

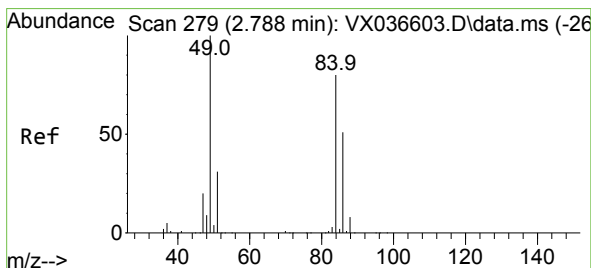
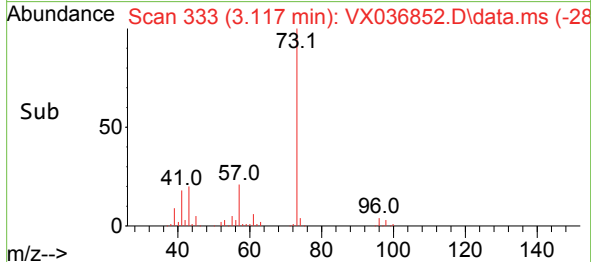
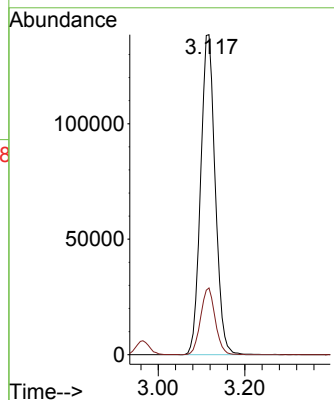
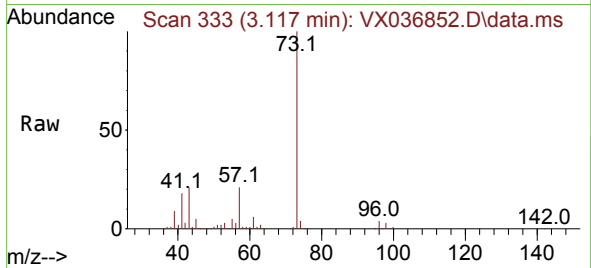




#19
Methyl tert-butyl Ether
Concen: 52.930 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

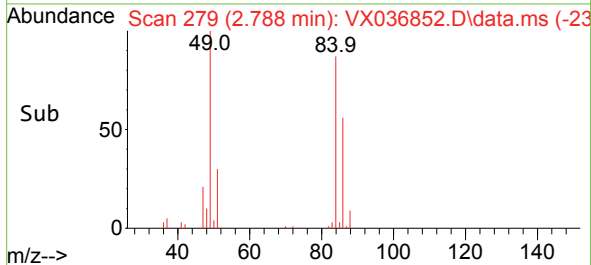
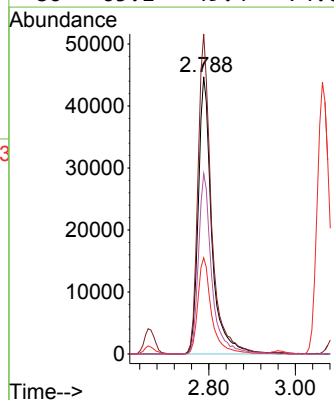
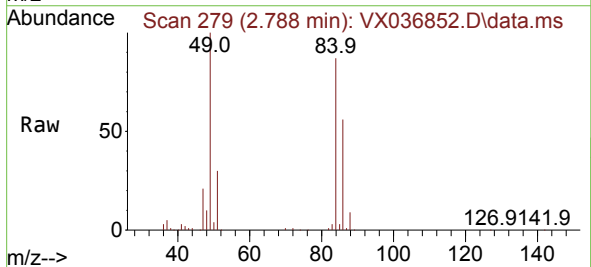
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

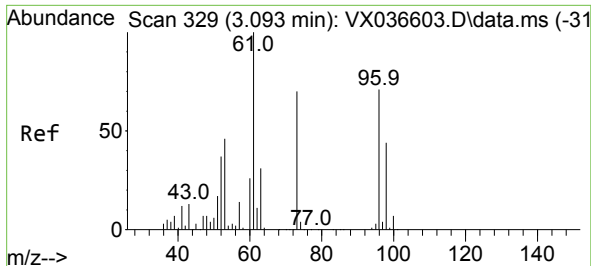
Tgt Ion: 73 Resp: 323502
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 48.642 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 84 Resp: 96477
Ion Ratio Lower Upper
84 100
49 115.5 103.6 155.4
51 34.7 33.8 50.6
86 65.1 49.4 74.0

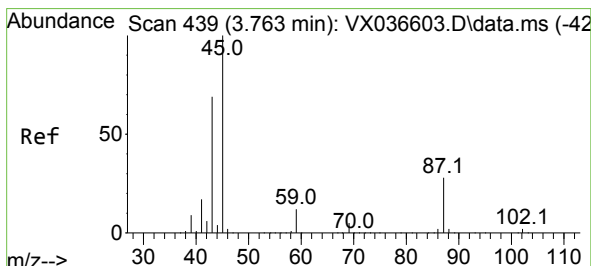
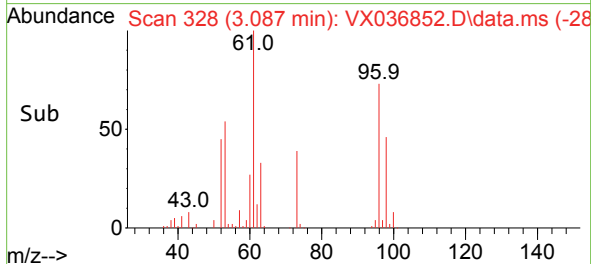
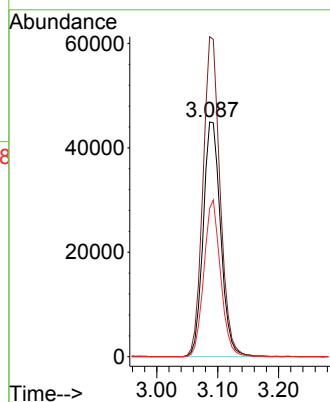
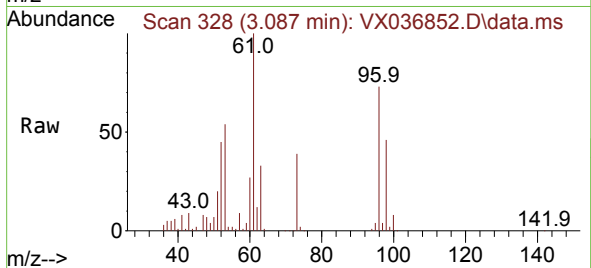




#21
trans-1,2-Dichloroethene
Concen: 49.308 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

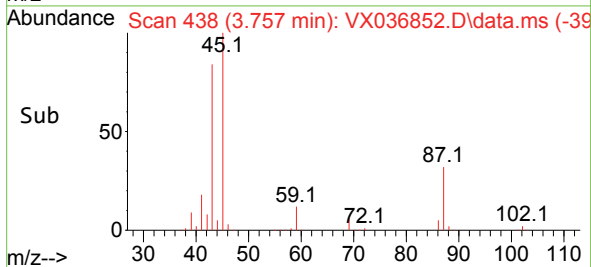
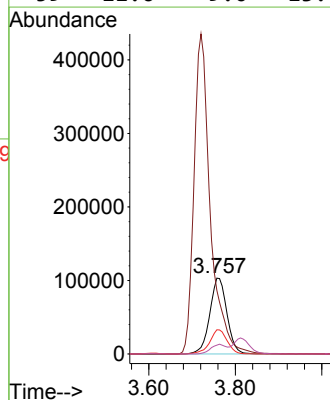
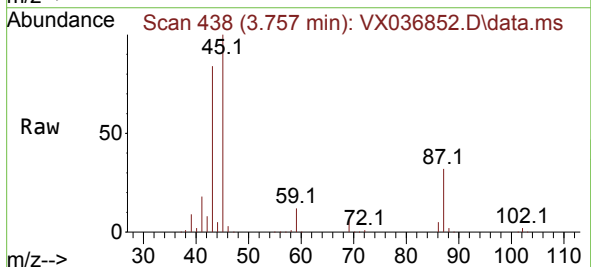
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

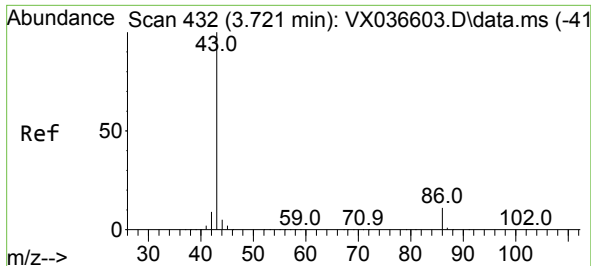
Tgt Ion: 96 Resp: 89630
Ion Ratio Lower Upper
96 100
61 136.3 119.2 178.8
98 63.1 48.7 73.1



#22
Diisopropyl ether
Concen: 46.671 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 45 Resp: 283803
Ion Ratio Lower Upper
45 100
43 83.5 69.7 104.5
87 31.8 20.8 31.2#
59 11.6 9.0 13.4

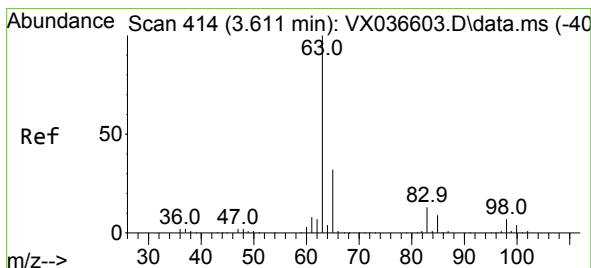
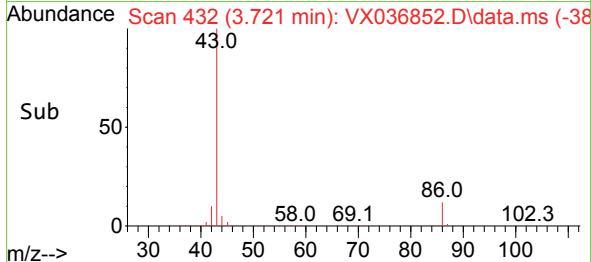
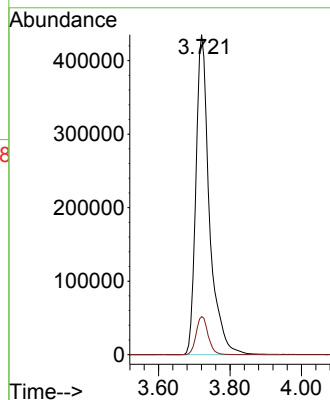
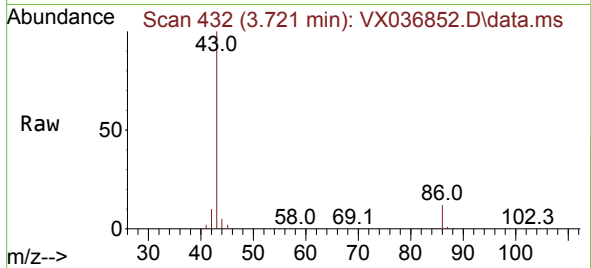




#23
 Vinyl Acetate
 Concen: 244.582 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

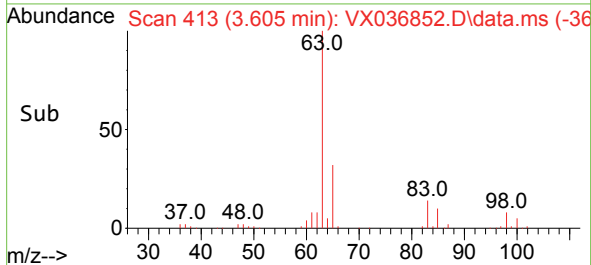
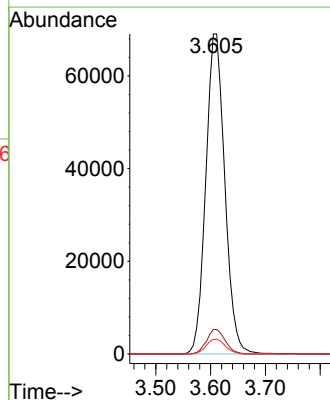
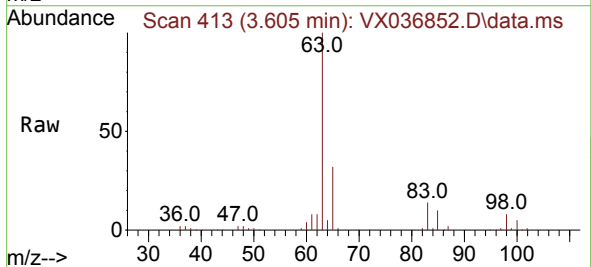
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

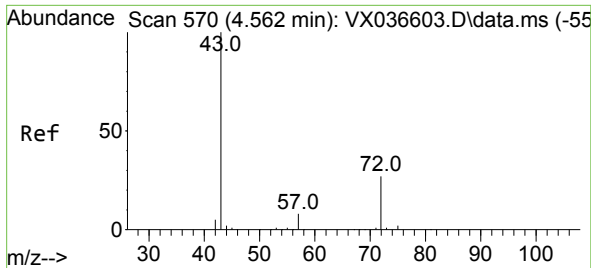
Tgt Ion: 43 Resp: 1140866
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 48.619 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

Tgt Ion: 63 Resp: 165762
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.6 2.1 6.5

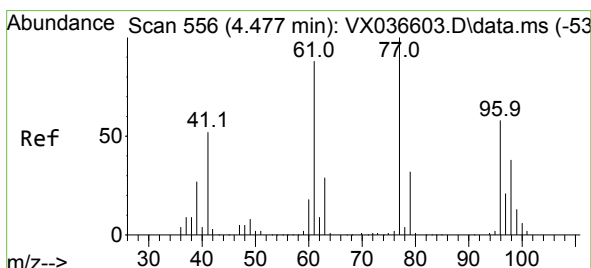
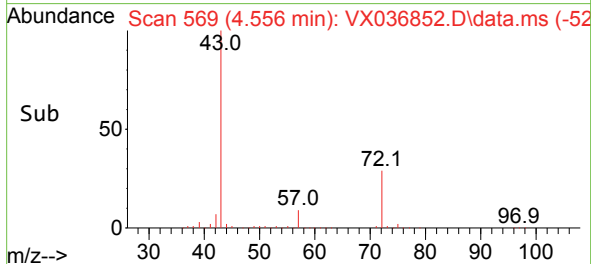
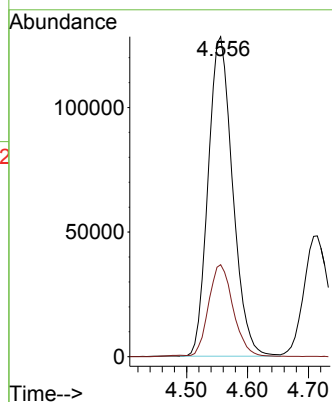
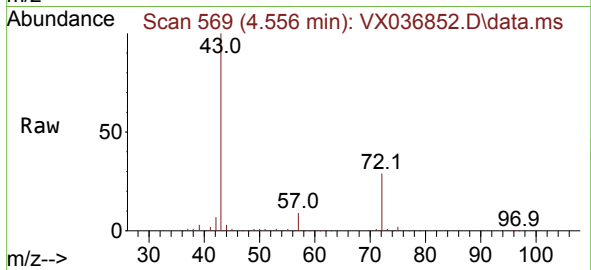




#25
2-Butanone
Concen: 247.522 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

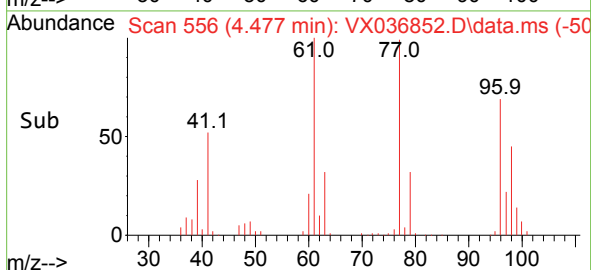
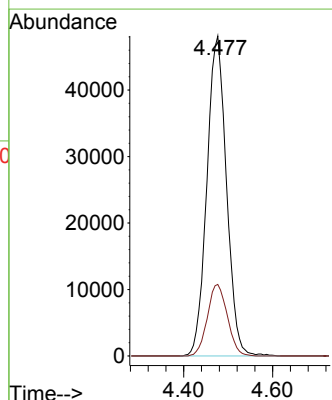
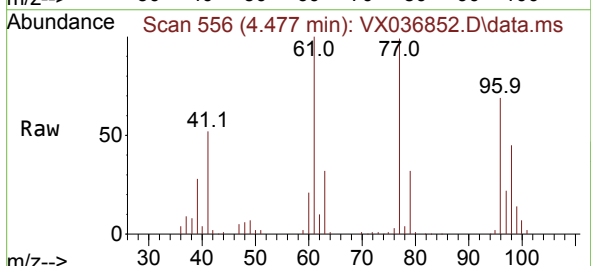
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

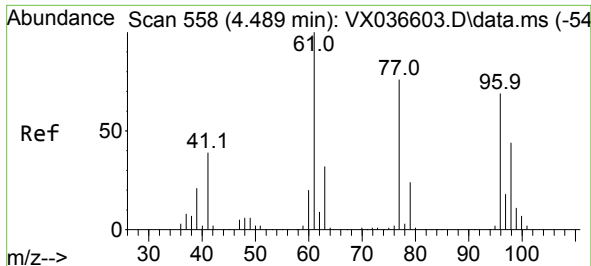
Tgt Ion: 43 Resp: 358149
Ion Ratio Lower Upper
43 100
72 28.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 45.966 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 77 Resp: 147669
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3

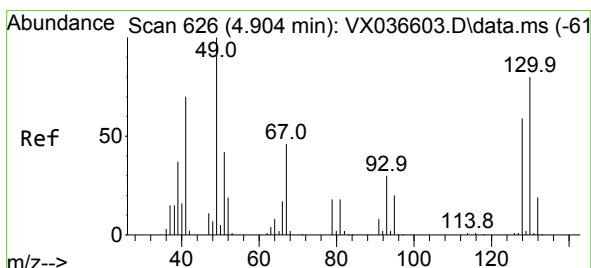
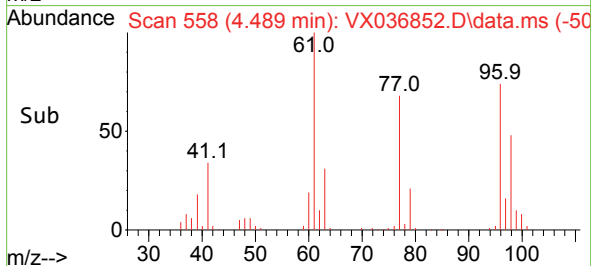
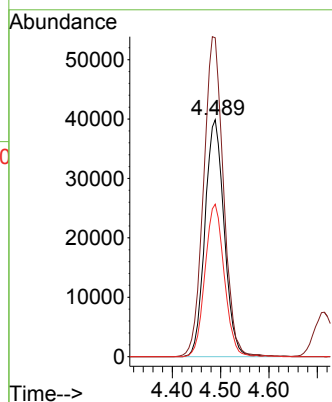
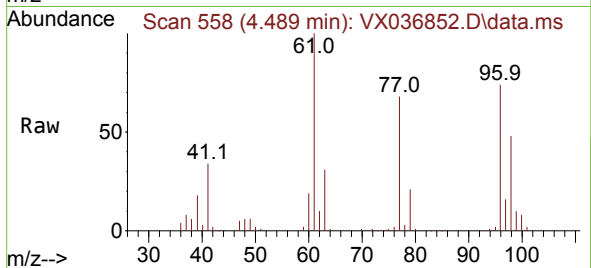




#27
 cis-1,2-Dichloroethene
 Concen: 51.016 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

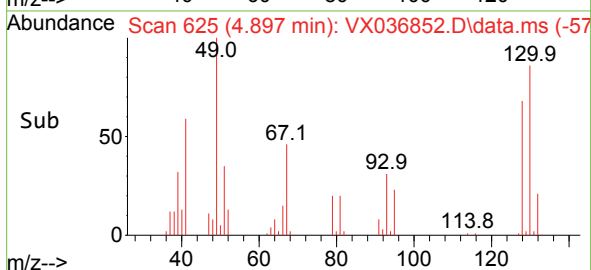
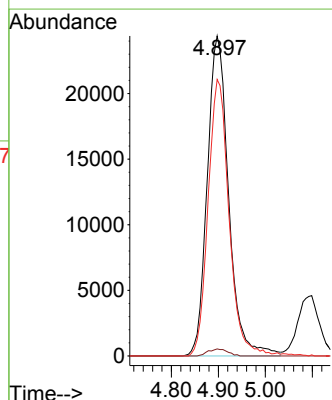
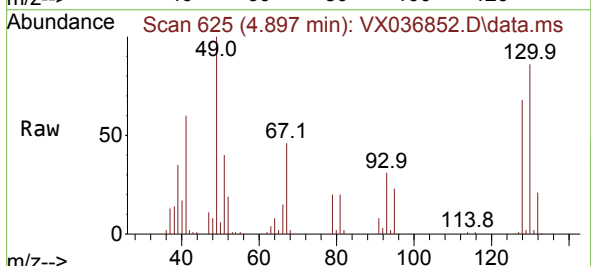
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

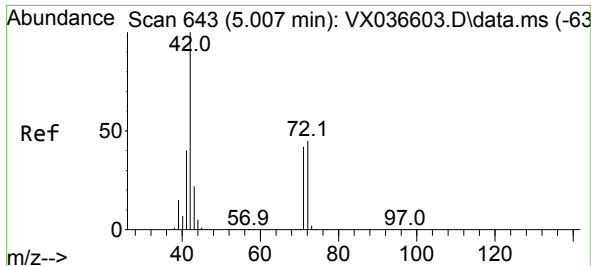
Tgt Ion: 96 Resp: 110145
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 312.2
 98 64.5 0.0 129.0



#28
 Bromochloromethane
 Concen: 46.665 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

Tgt Ion: 49 Resp: 76946
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 84.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 244.029 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

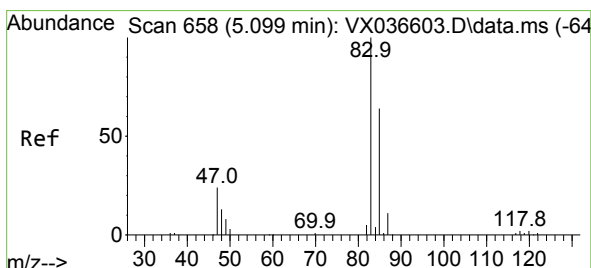
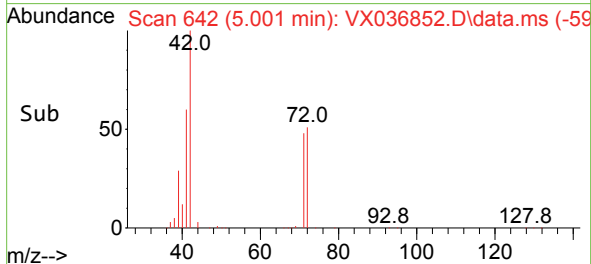
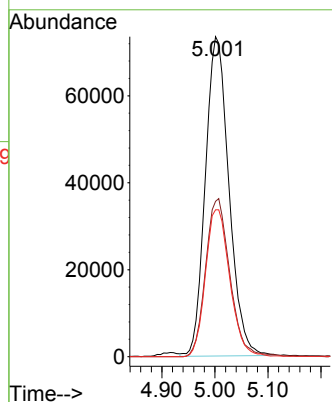
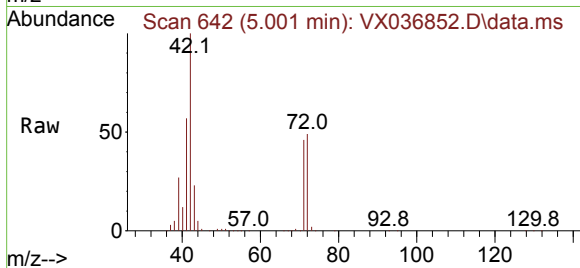
Tgt Ion: 42 Resp: 227646

Ion Ratio Lower Upper

42 100

72 51.0 34.2 51.4

71 47.6 32.2 48.2



#30

Chloroform

Concen: 52.567 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036852.D

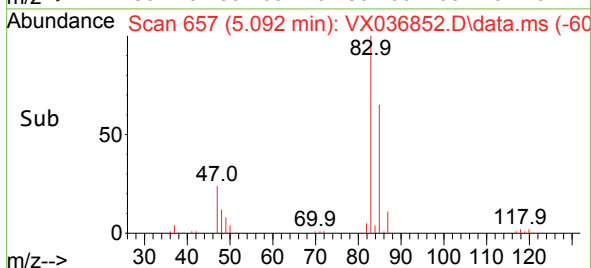
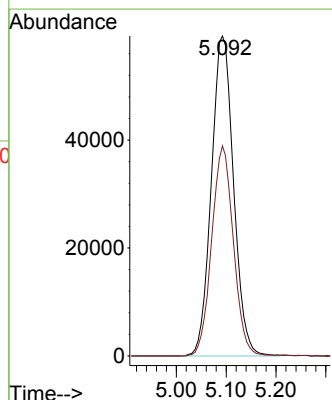
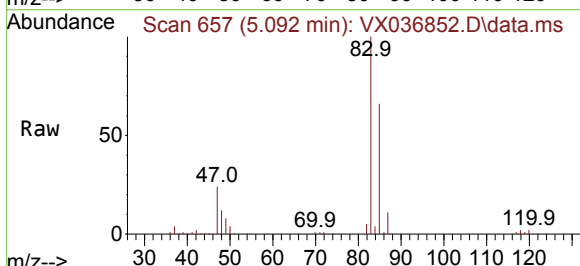
Acq: 08 Aug 2023 10:20

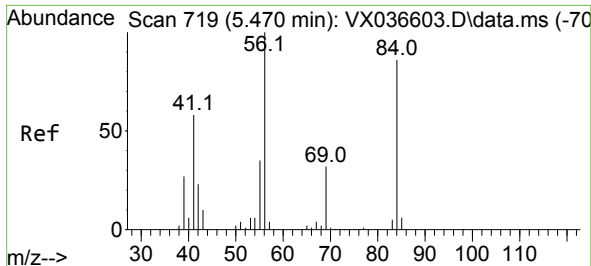
Tgt Ion: 83 Resp: 183358

Ion Ratio Lower Upper

83 100

85 65.6 50.3 75.5

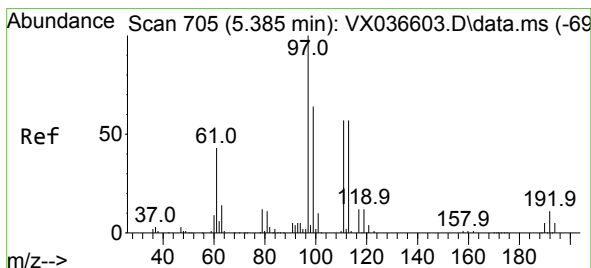
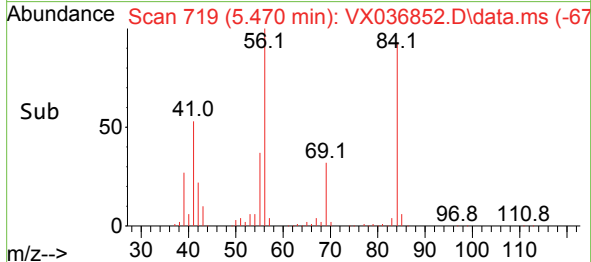
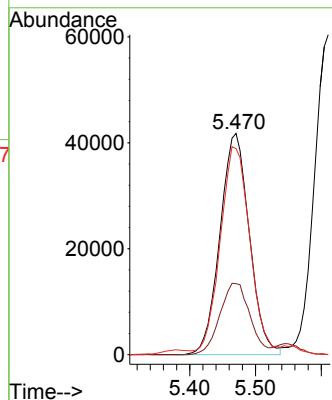
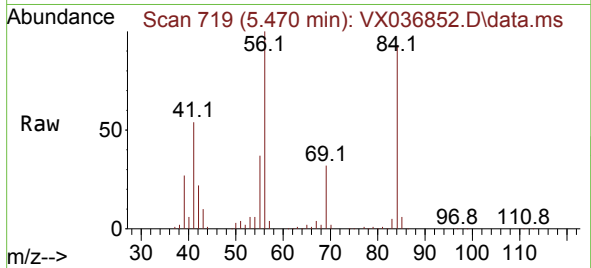




#31
Cyclohexane
Concen: 43.708 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

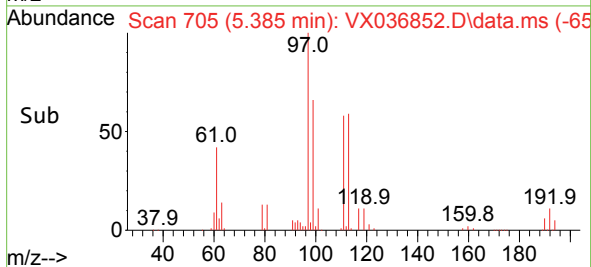
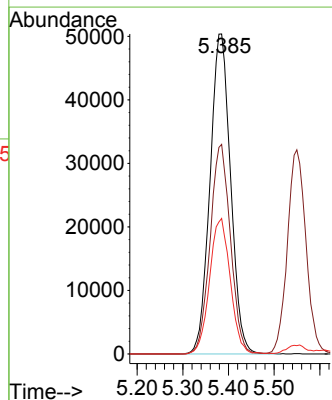
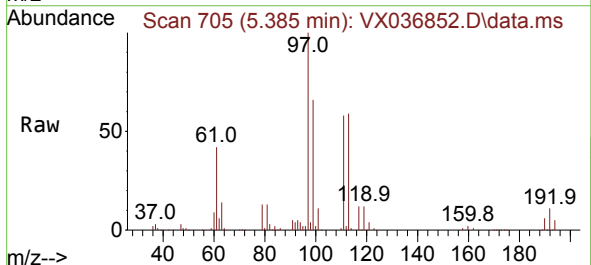
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

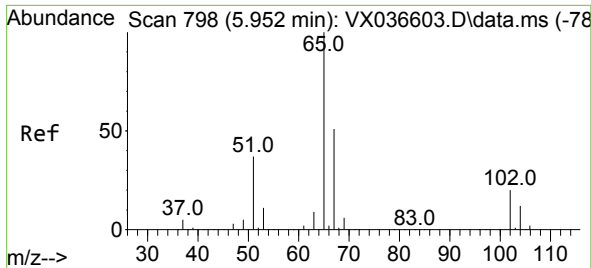
Tgt Ion: 56 Resp: 130061
Ion Ratio Lower Upper
56 100
69 32.1 23.4 35.2
84 91.2 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 49.261 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 97 Resp: 157441
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 42.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.304 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

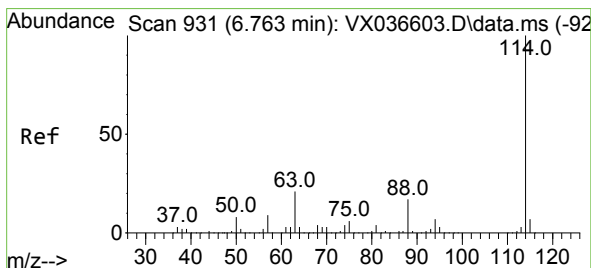
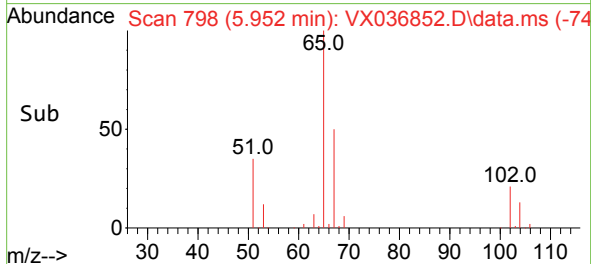
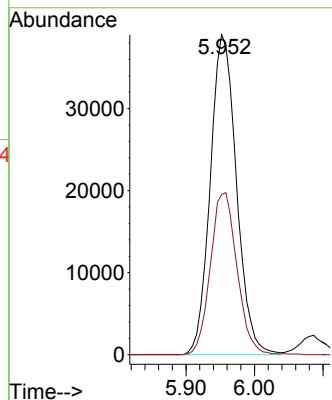
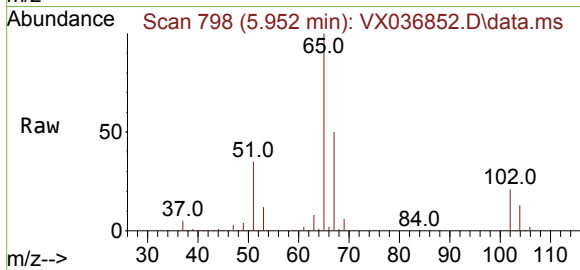
VSTDCCC050

Tgt Ion: 65 Resp: 103813

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

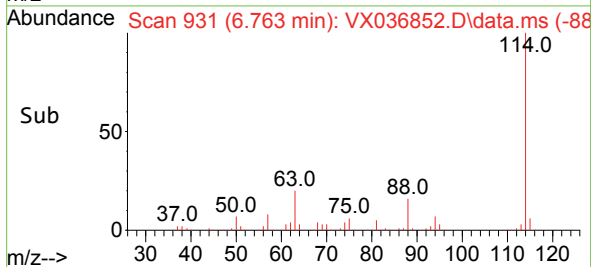
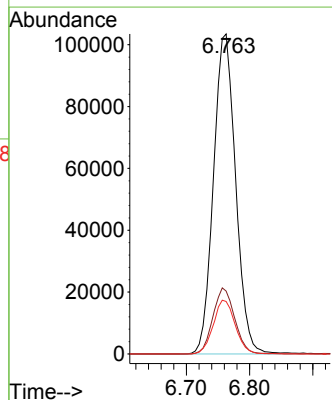
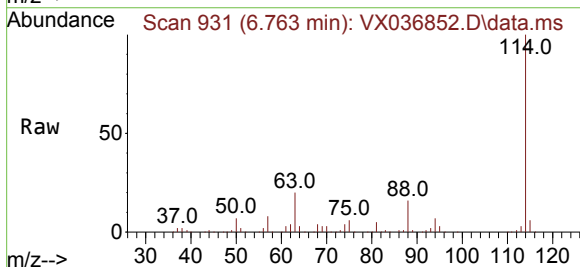
Tgt Ion: 114 Resp: 251345

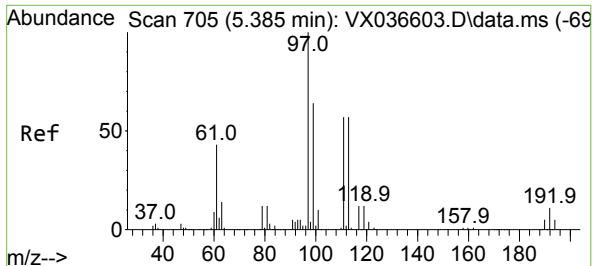
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 16.4 0.0 36.6

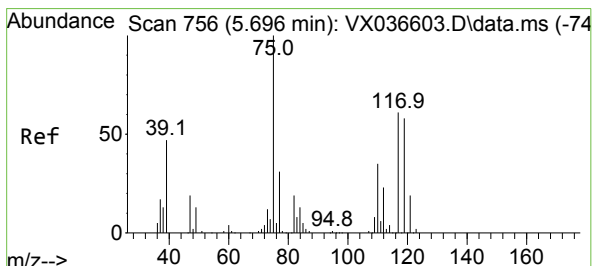
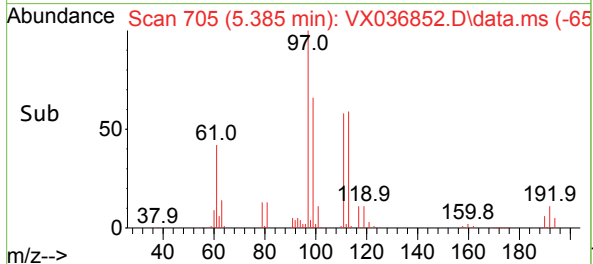
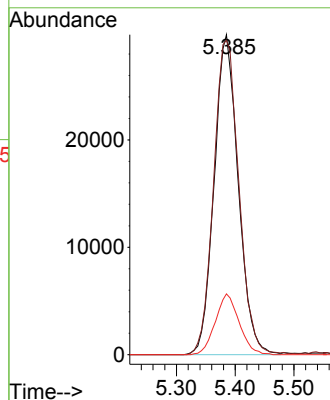
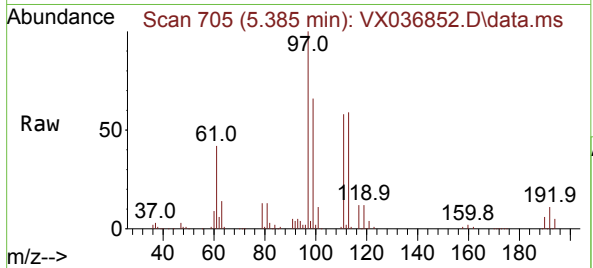




#35
Dibromofluoromethane
Concen: 49.052 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

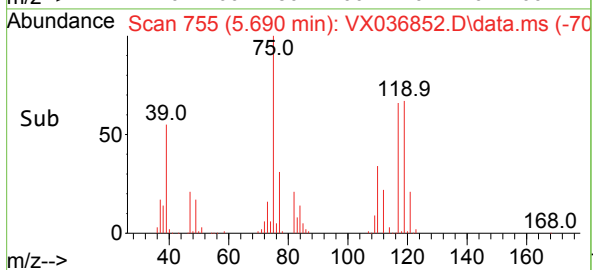
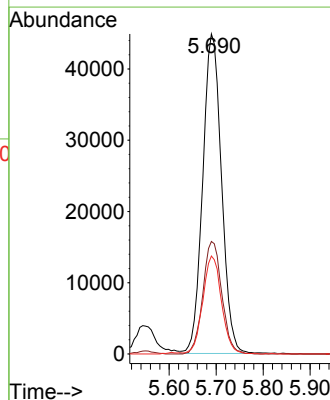
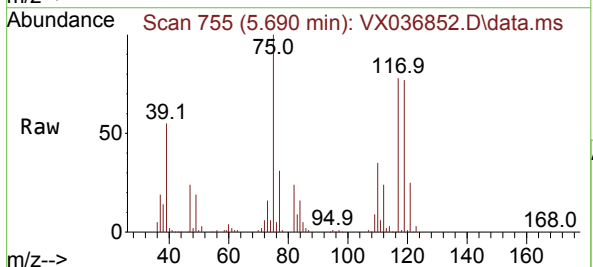
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

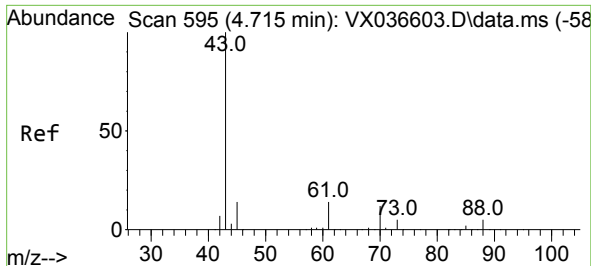
Tgt Ion:113 Resp: 84742
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 48.380 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 75 Resp: 124578
Ion Ratio Lower Upper
75 100
110 35.5 17.0 50.9
77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 48.402 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

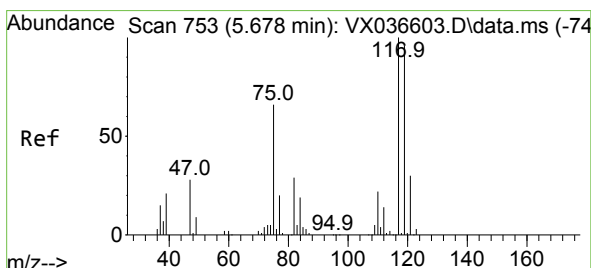
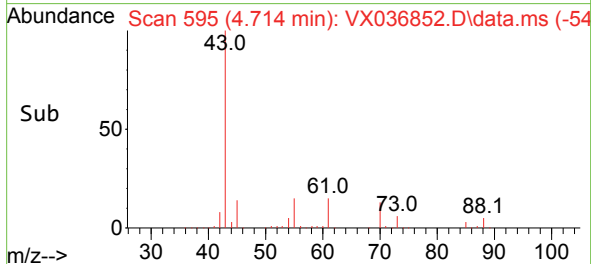
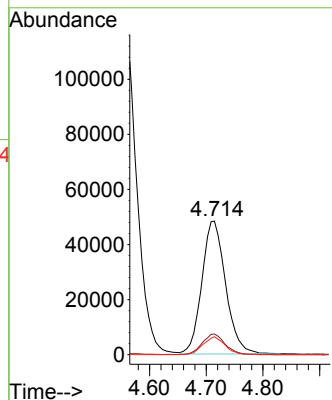
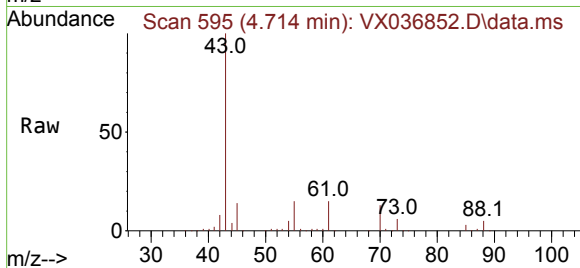
Tgt Ion: 43 Resp: 141068

Ion Ratio Lower Upper

43 100

61 15.2 10.6 16.0

70 12.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 50.430 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

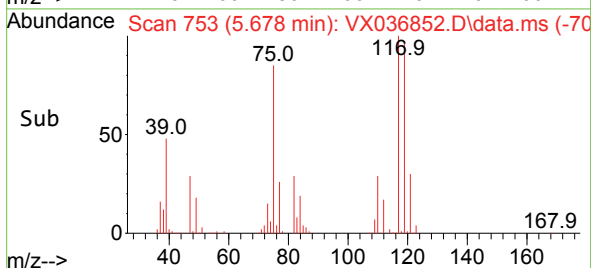
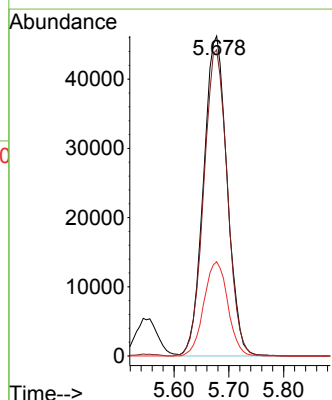
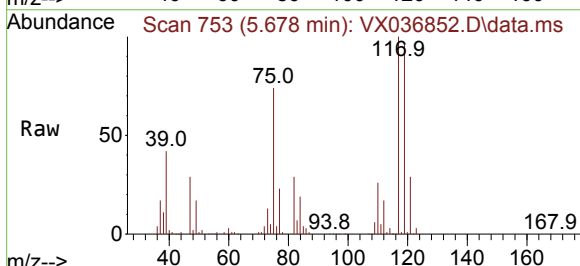
Tgt Ion: 117 Resp: 138056

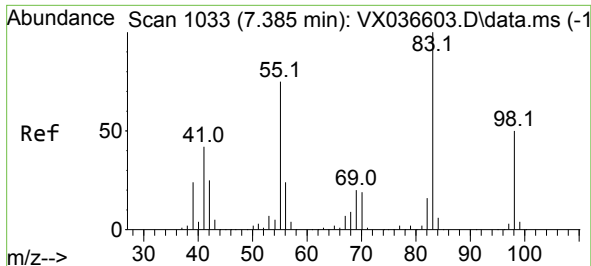
Ion Ratio Lower Upper

117 100

119 95.5 78.2 117.2

121 29.5 24.4 36.6

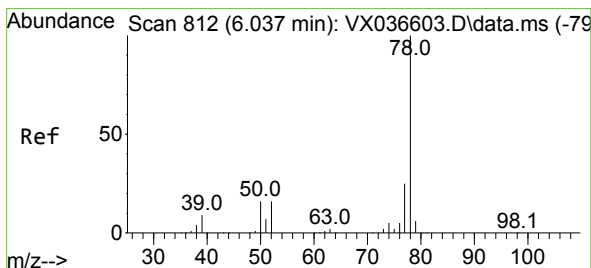
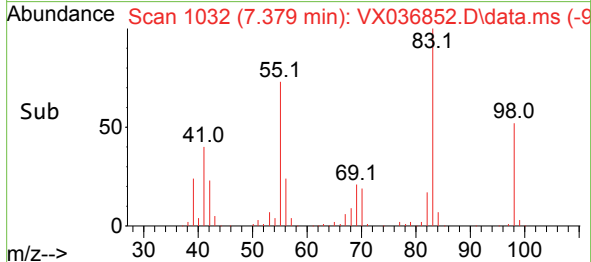
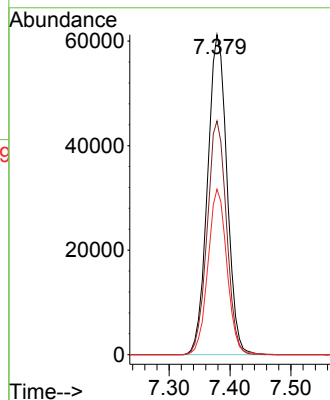
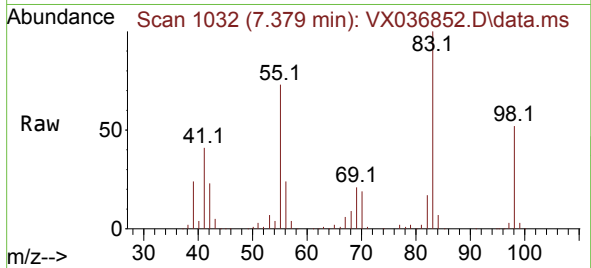




#39
Methylcyclohexane
Concen: 42.416 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

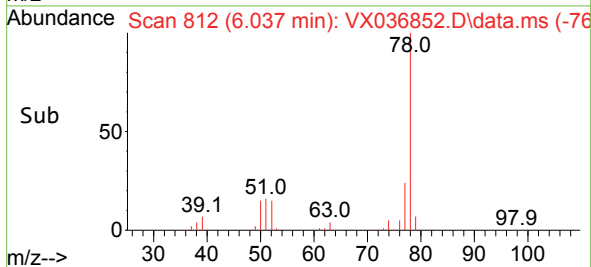
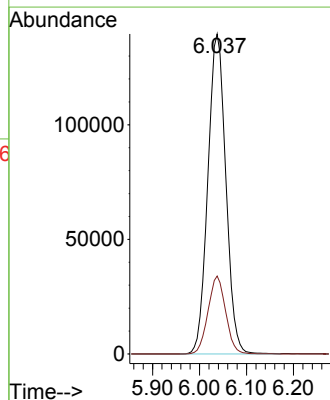
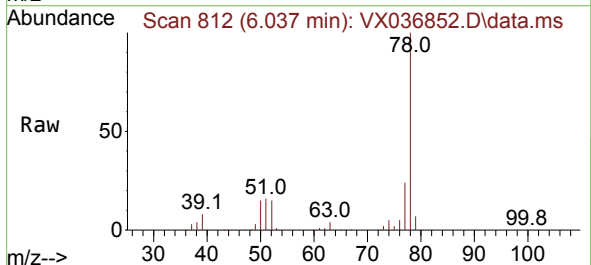
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 135811
Ion Ratio Lower Upper
83 100
55 73.1 64.6 97.0
98 51.7 36.7 55.1



#40
Benzene
Concen: 49.449 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 78 Resp: 370459
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9

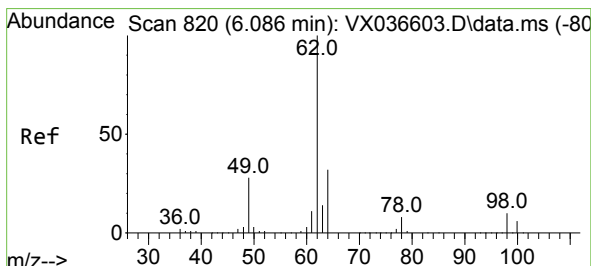
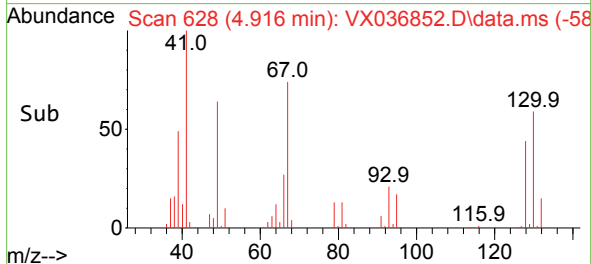
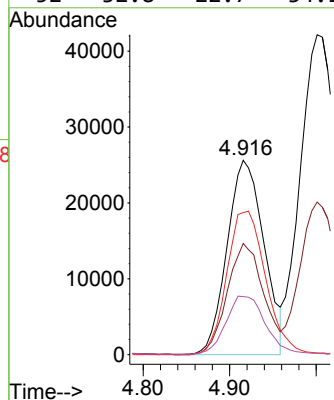
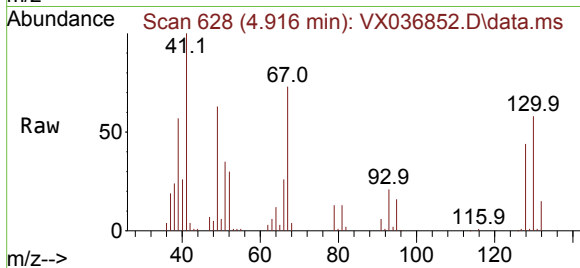




#41
Methacrylonitrile
Concen: 48.770 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

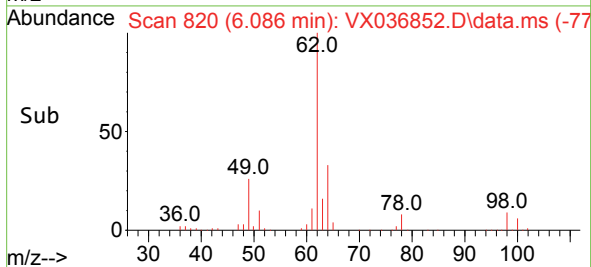
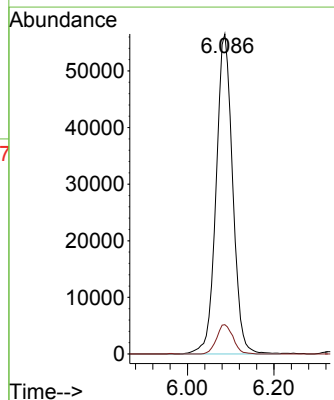
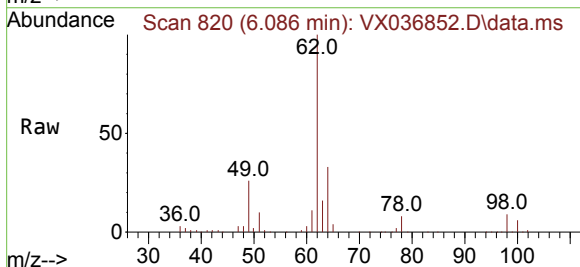
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

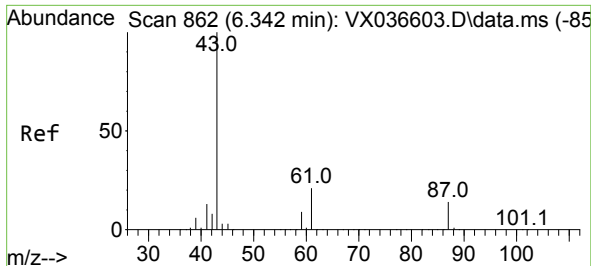
Tgt Ion:	41	Resp:	76022
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.2	67.8
67	78.1	52.6	78.8
52	32.8	22.7	34.1



#42
1,2-Dichloroethane
Concen: 54.840 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion:	62	Resp:	150214
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.0

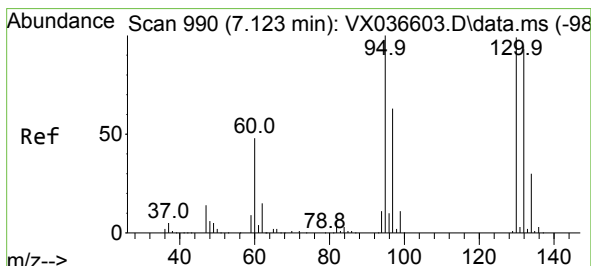
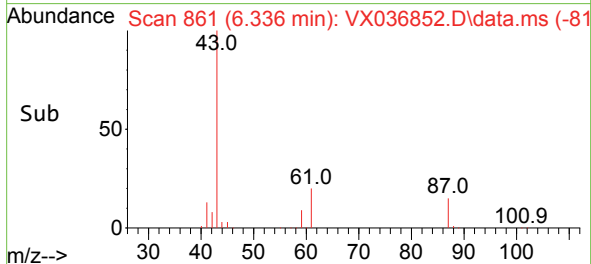
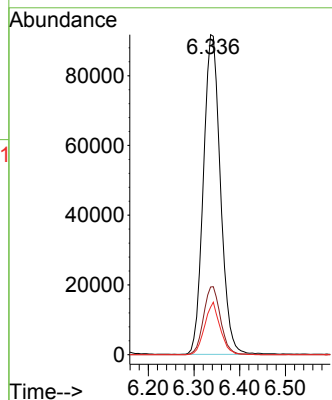
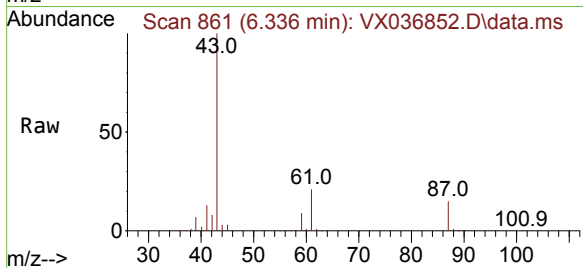




#43
Isopropyl Acetate
Concen: 47.310 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

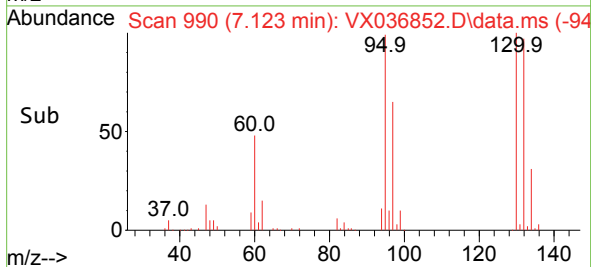
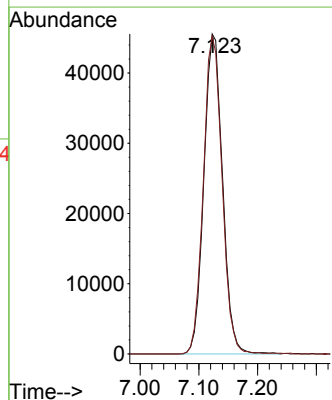
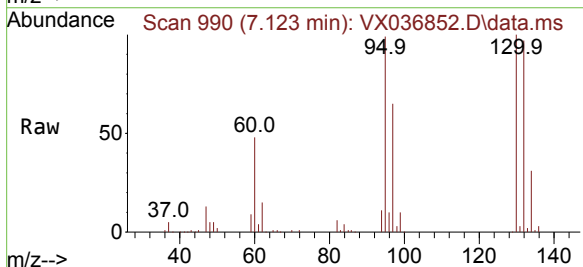
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 237349
Ion Ratio Lower Upper
43 100
61 21.2 15.2 22.8
87 14.9 9.8 14.6#



#44
Trichloroethene
Concen: 51.360 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion:130 Resp: 100577
Ion Ratio Lower Upper
130 100
95 99.2 0.0 204.4

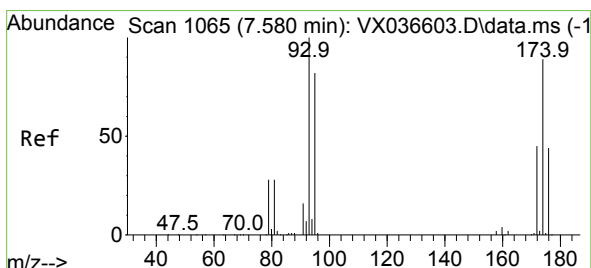
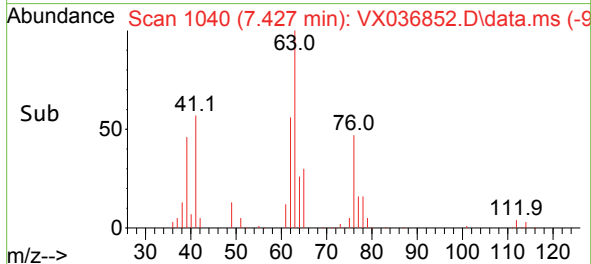
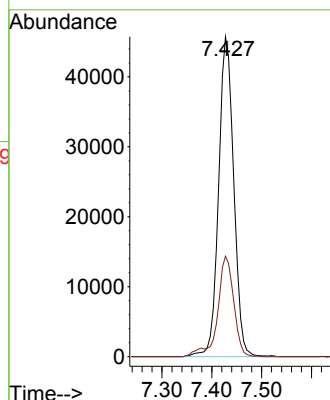
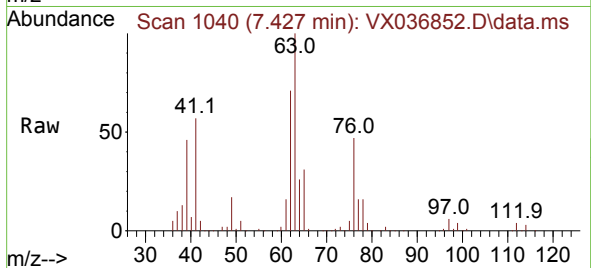




#45
1,2-Dichloropropane
Concen: 48.275 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

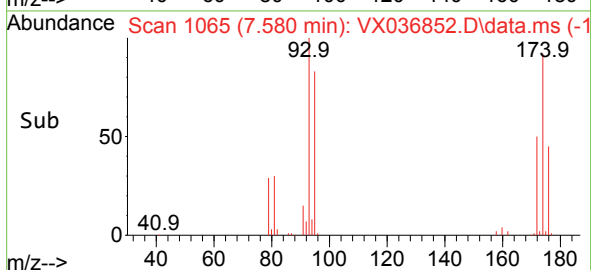
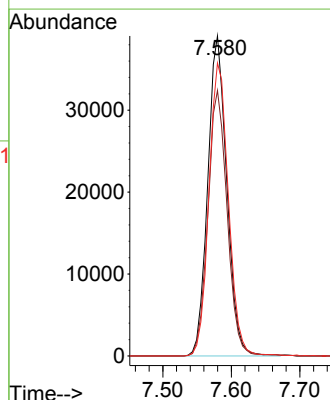
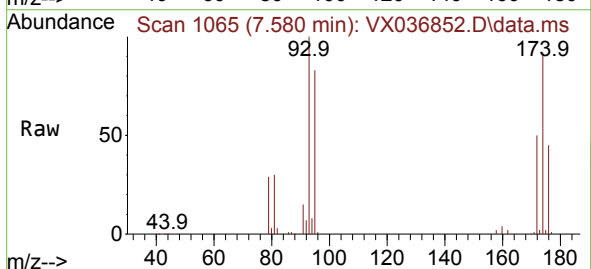
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 96562
Ion Ratio Lower Upper
63 100
65 31.4 24.3 36.5



#46
Dibromomethane
Concen: 54.018 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 93 Resp: 75619
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 93.8 69.4 104.0

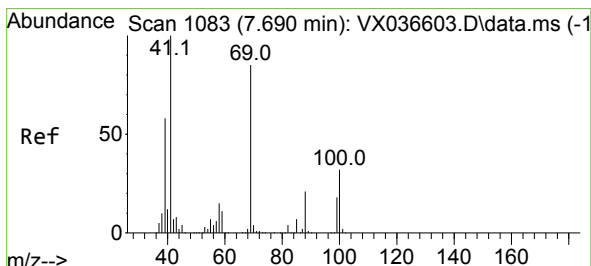
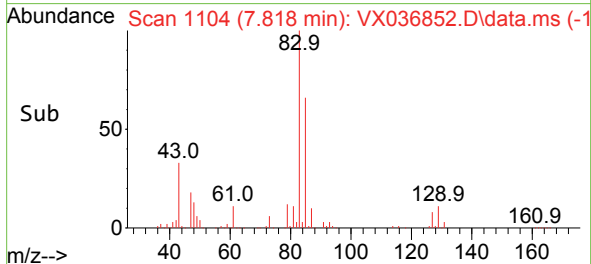
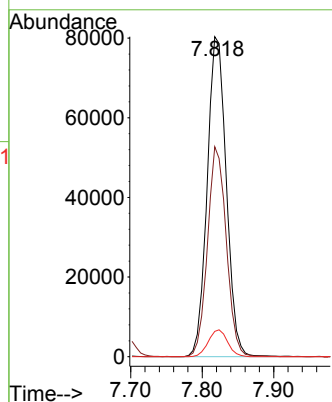
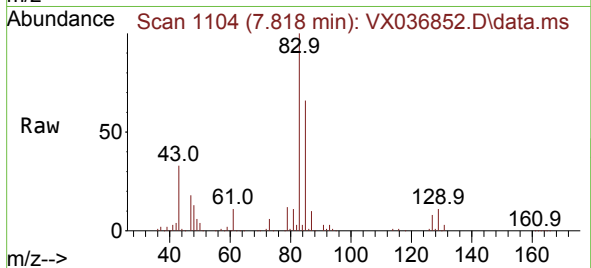




#47
Bromodichloromethane
Concen: 51.911 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

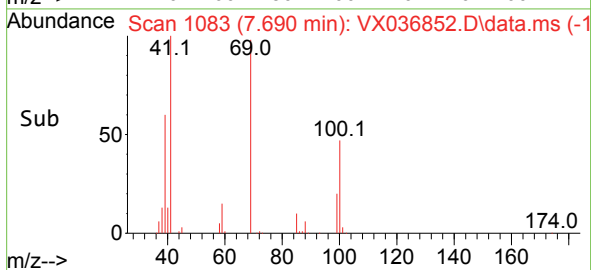
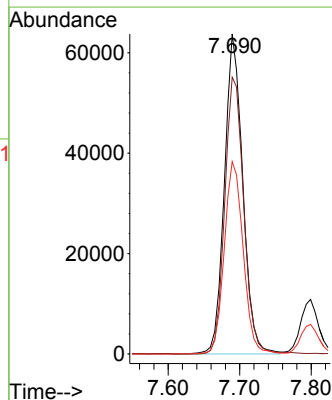
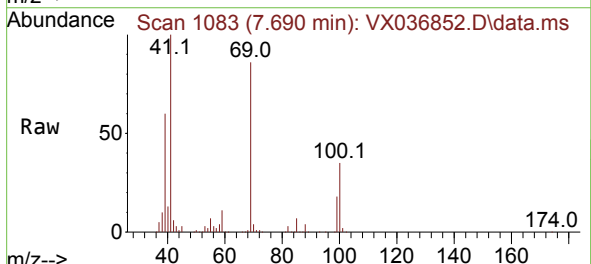
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

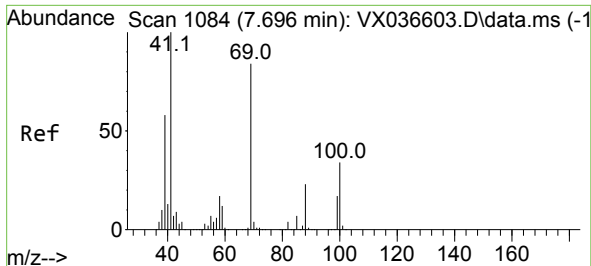
Tgt Ion: 83 Resp: 149166
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 7.9 7.1 10.7



#48
Methyl methacrylate
Concen: 48.695 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 41 Resp: 113612
Ion Ratio Lower Upper
41 100
69 89.6 59.2 88.8#
39 62.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1123.066 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.037 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

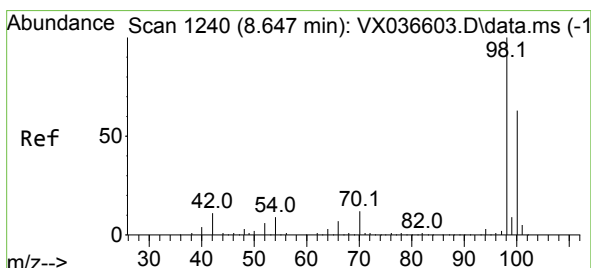
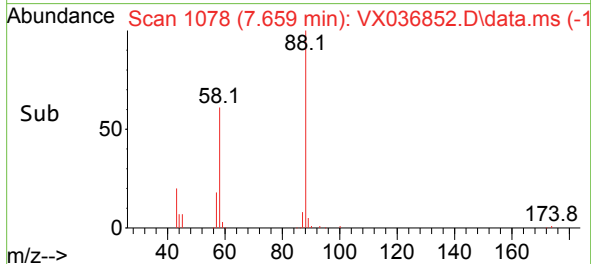
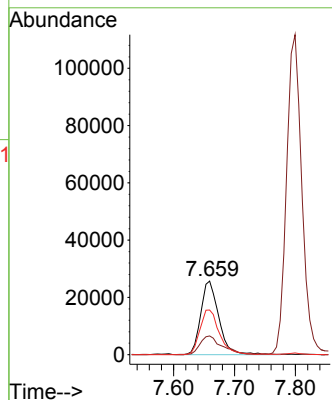
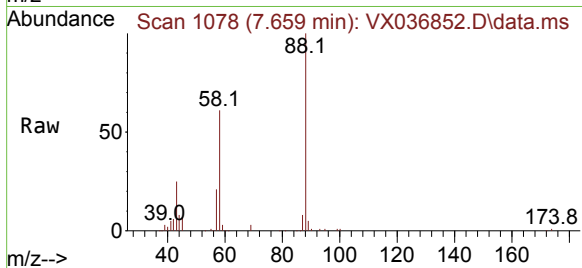
Tgt Ion: 88 Resp: 52934

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0#

58 65.2 60.1 90.1



#50

Toluene-d8

Concen: 45.025 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036852.D

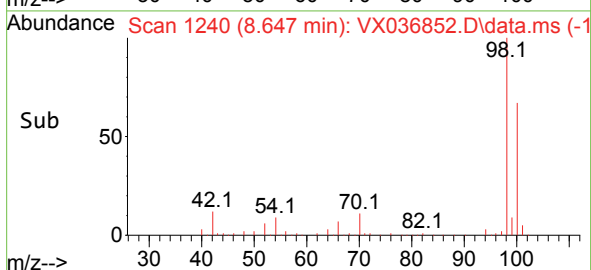
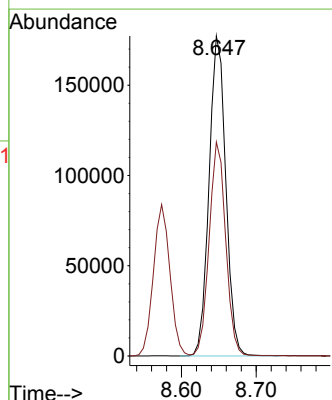
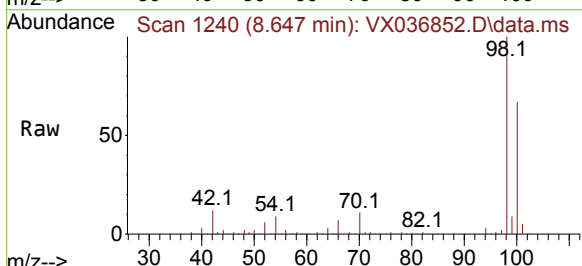
Acq: 08 Aug 2023 10:20

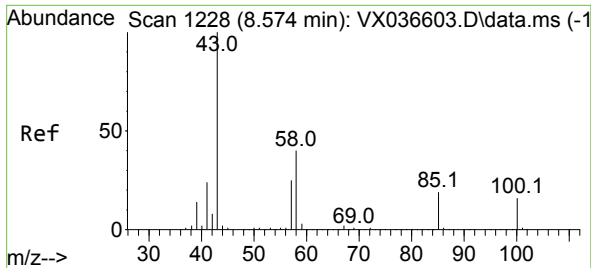
Tgt Ion: 98 Resp: 275845

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

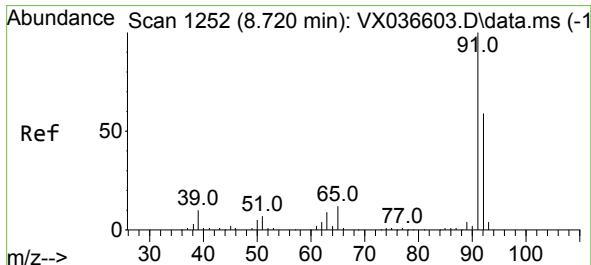
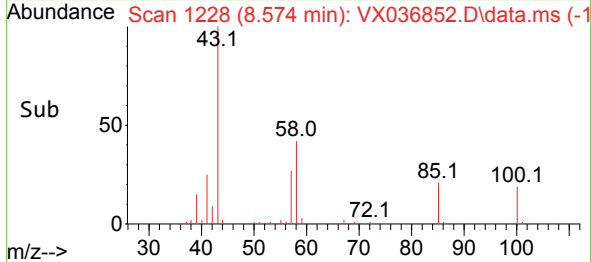
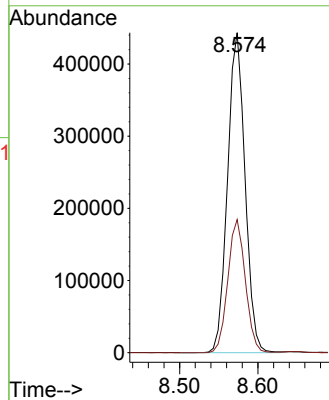
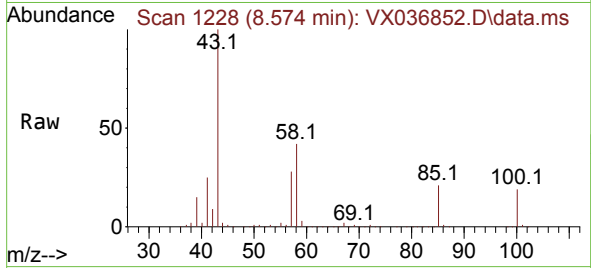




#51
4-Methyl-2-Pentanone
Concen: 247.731 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

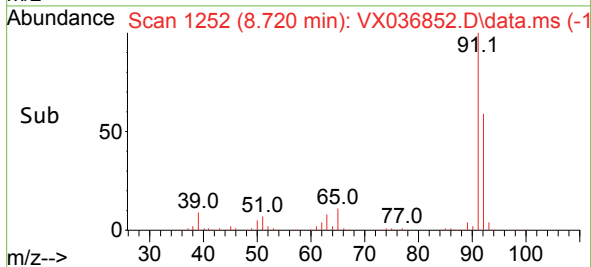
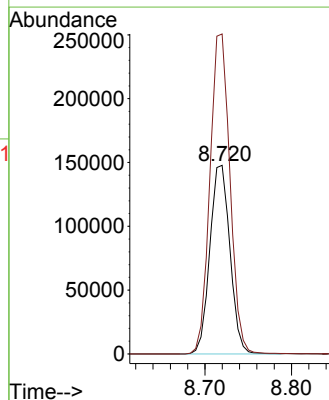
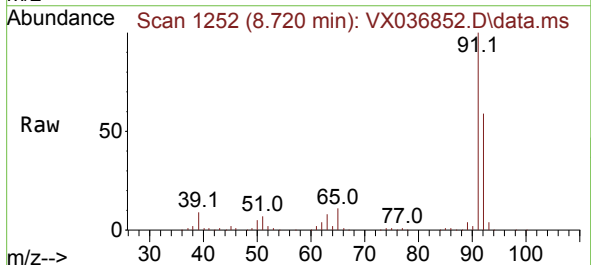
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 687783
Ion Ratio Lower Upper
43 100
58 41.7 30.4 45.6



#52
Toluene
Concen: 50.752 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 92 Resp: 238241
Ion Ratio Lower Upper
92 100
91 169.5 134.2 201.2

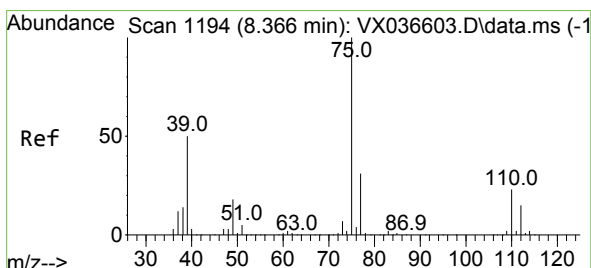
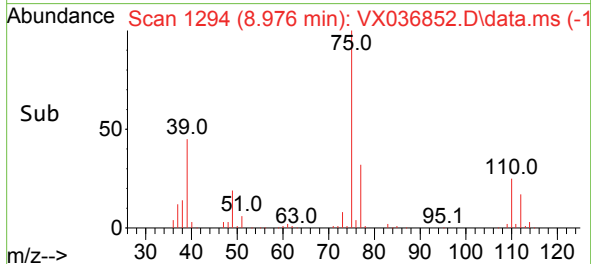
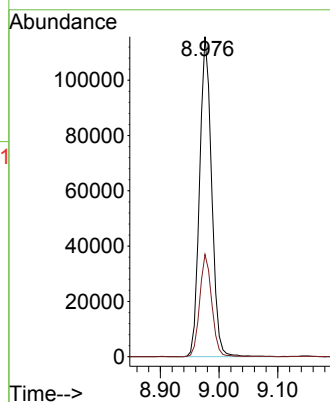
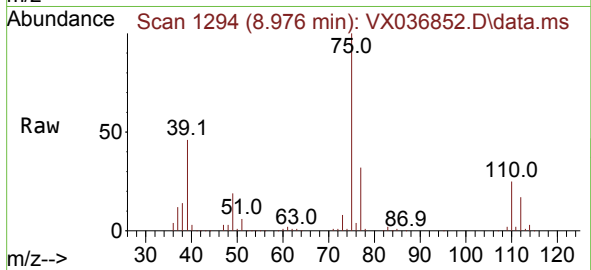




#53
 t-1,3-Dichloropropene
 Concen: 50.733 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

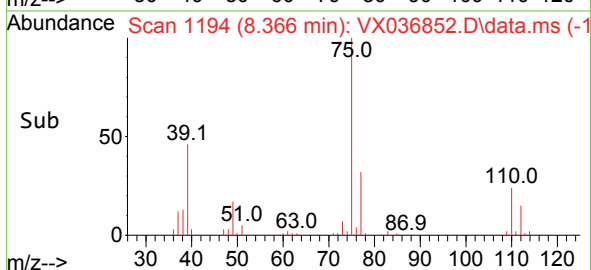
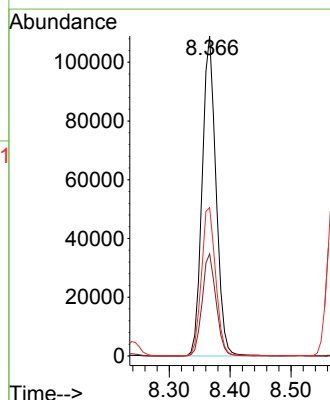
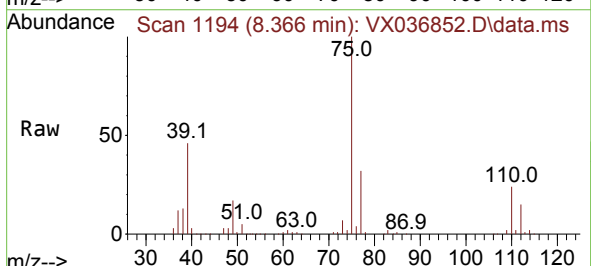
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

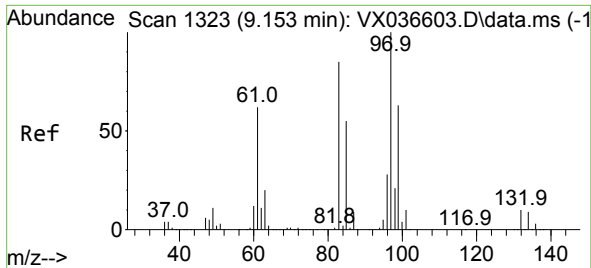
Tgt Ion: 75 Resp: 164769
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.244 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

Tgt Ion: 75 Resp: 172191
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 46.3 46.7 70.1#

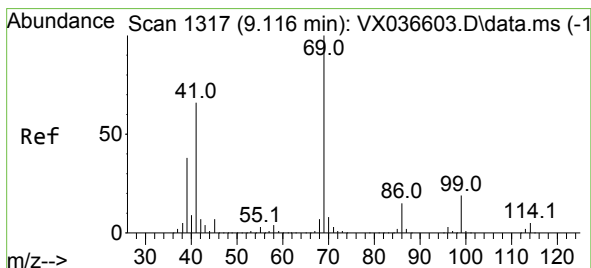
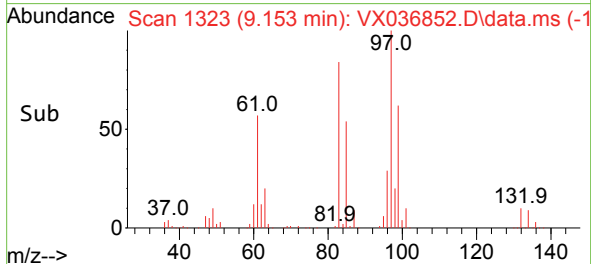
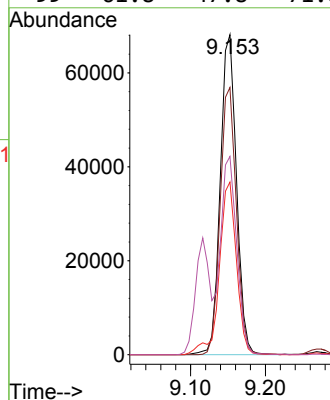
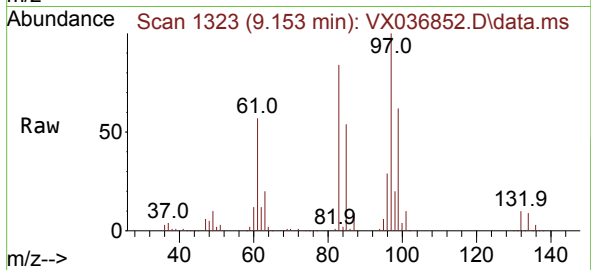




#55
 1,1,2-Trichloroethane
 Concen: 52.096 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

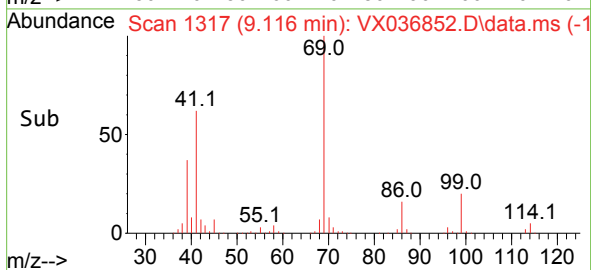
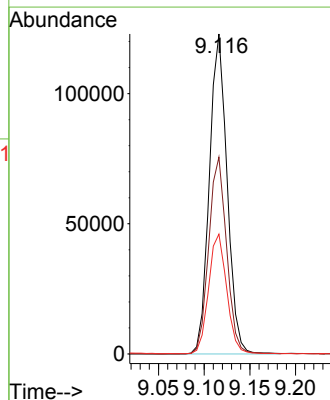
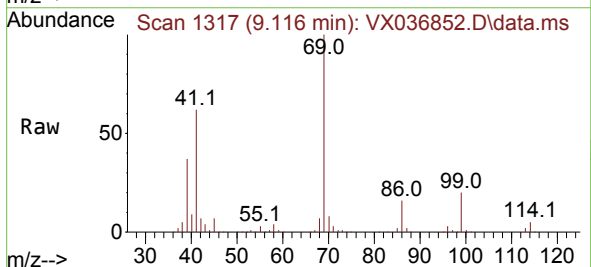
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

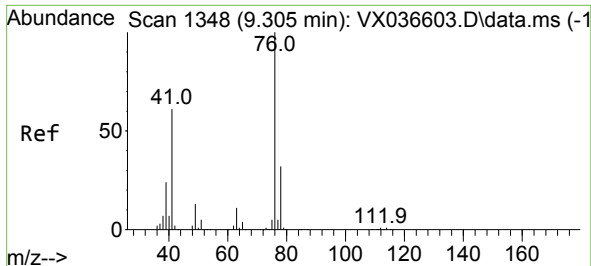
Tgt Ion:	97	Resp:	102799
Ion	Ratio	Lower	Upper
97	100		
83	83.5	65.8	98.8
85	53.9	41.6	62.4
99	61.8	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 51.584 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

Tgt Ion:	69	Resp:	165751
Ion	Ratio	Lower	Upper
69	100		
41	62.2	56.8	85.2
39	38.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 52.581 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

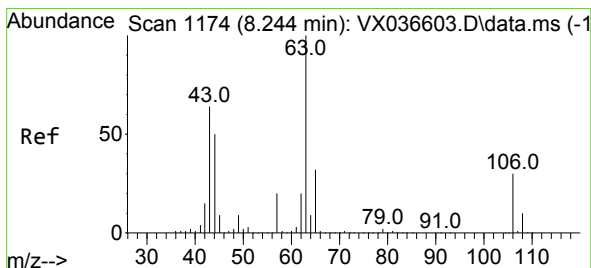
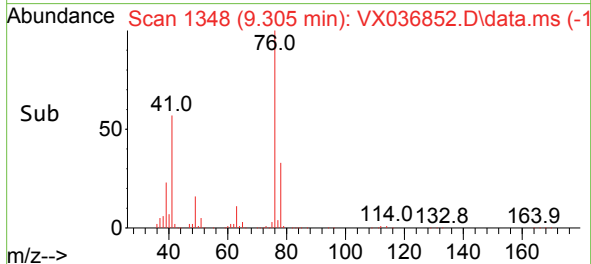
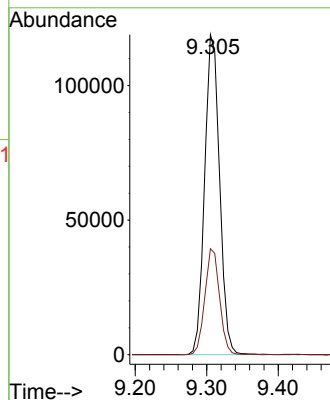
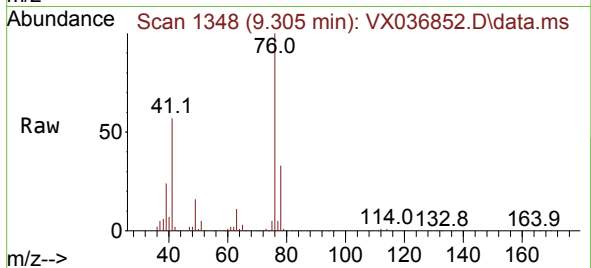
VSTDCCC050

Tgt Ion: 76 Resp: 172815

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 236.505 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036852.D

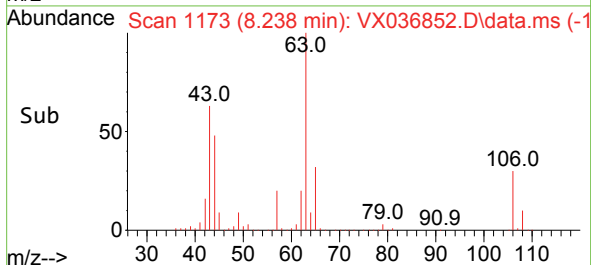
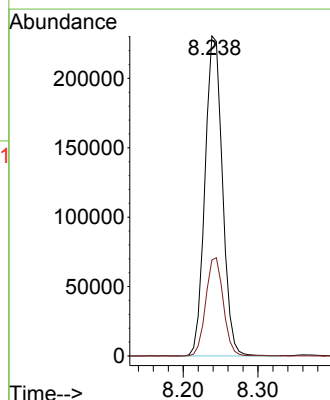
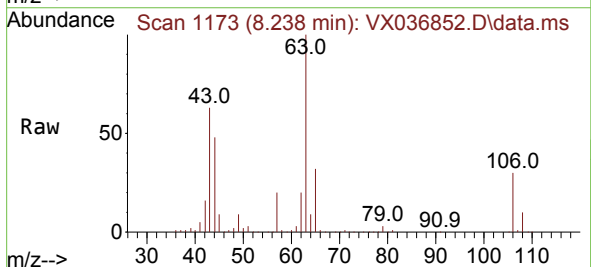
Acq: 08 Aug 2023 10:20

Tgt Ion: 63 Resp: 374444

Ion Ratio Lower Upper

63 100

106 30.8 22.5 33.7

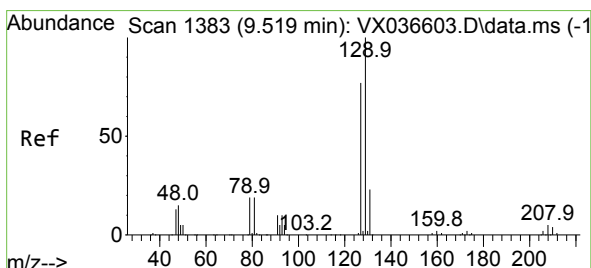
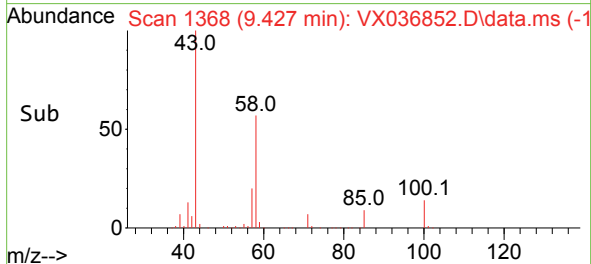
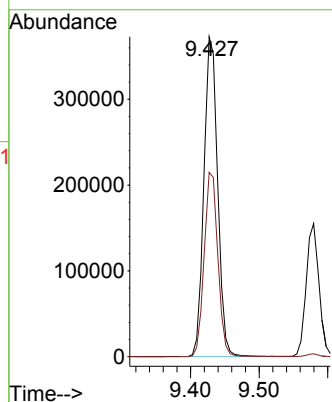
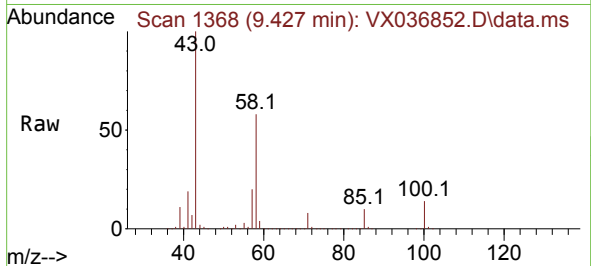




#59
2-Hexanone
Concen: 252.199 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

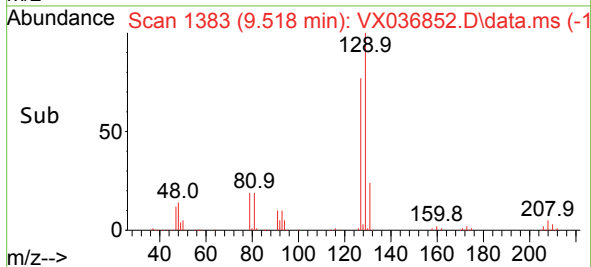
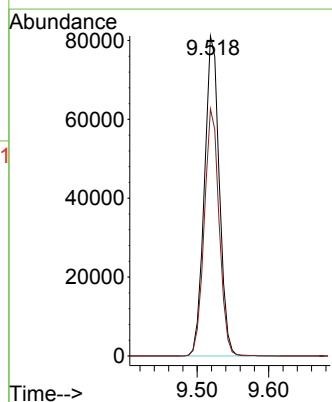
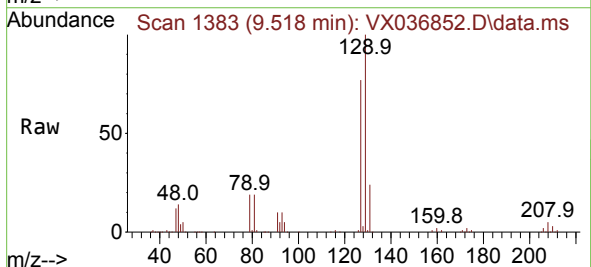
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

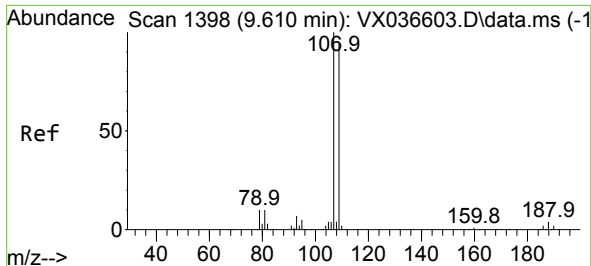
Tgt Ion: 43 Resp: 519654
Ion Ratio Lower Upper
43 100
58 57.7 26.2 78.5



#60
Dibromochloromethane
Concen: 54.034 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 129 Resp: 117192
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4

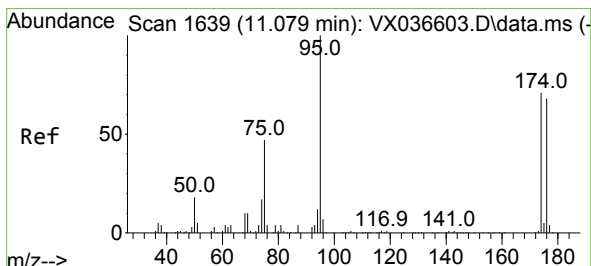
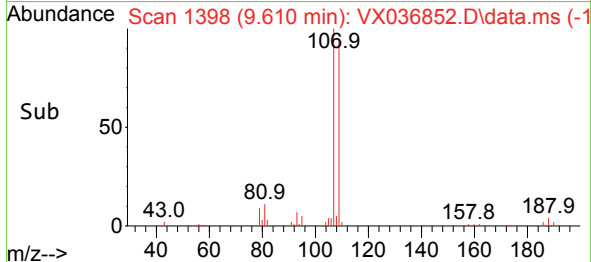
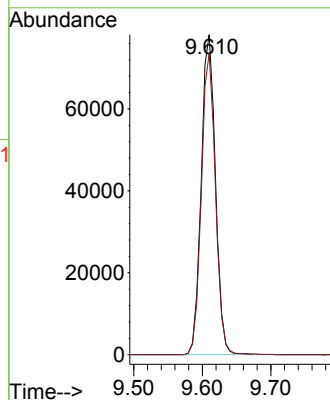
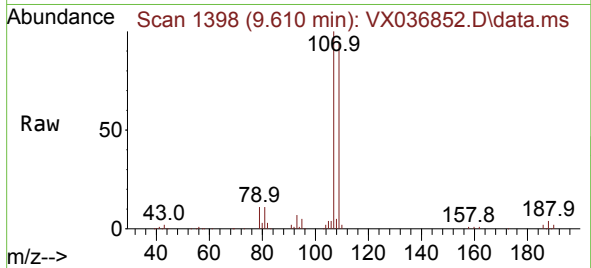




#61
1,2-Dibromoethane
Concen: 55.198 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

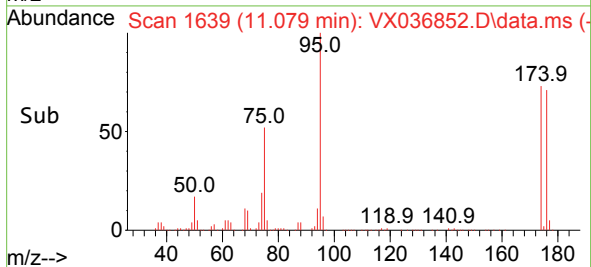
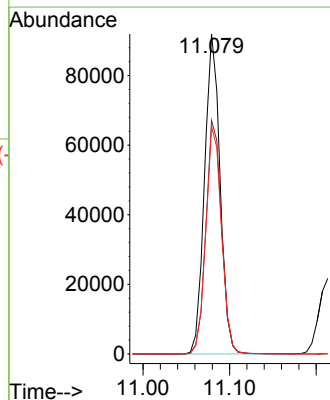
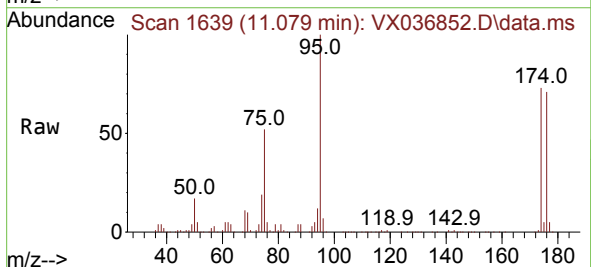
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

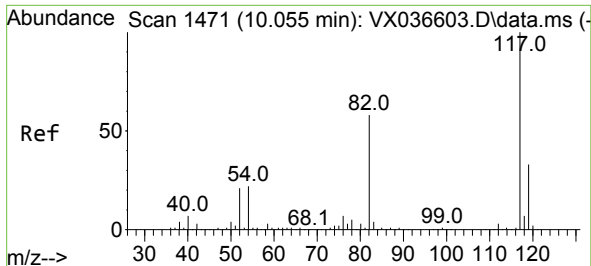
Tgt Ion:107 Resp: 112886
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.405 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 95 Resp: 114196
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 71.8 0.0 131.0

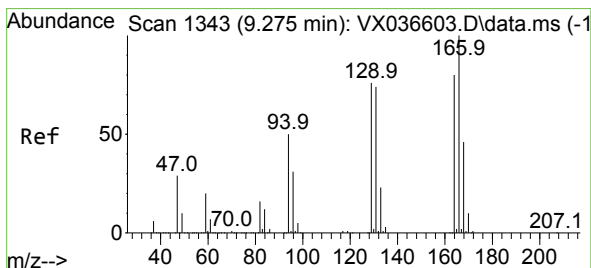
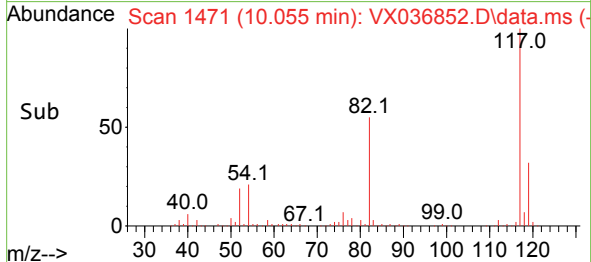
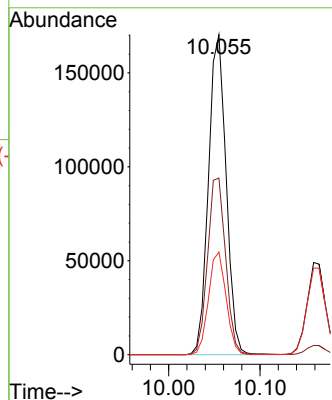
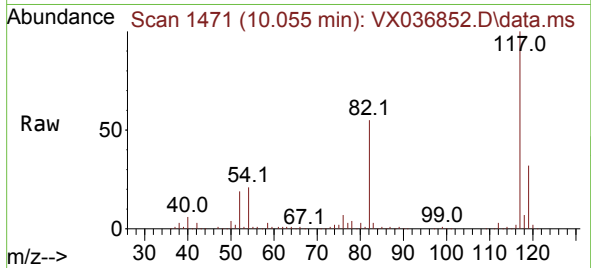




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

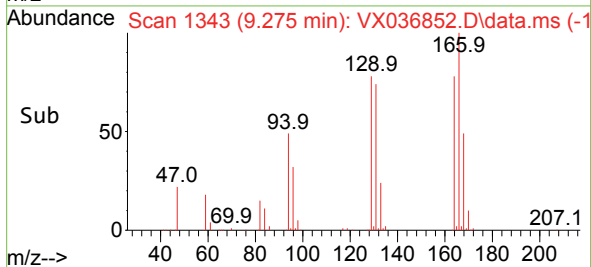
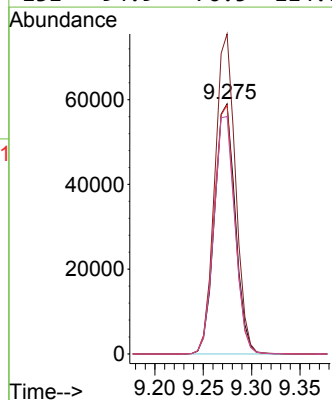
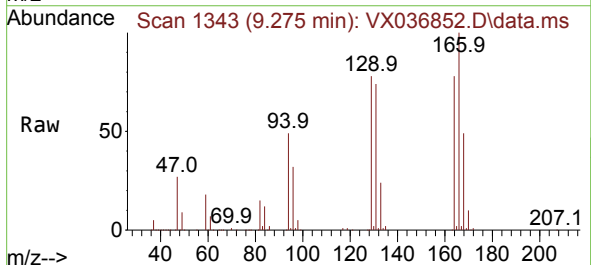
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

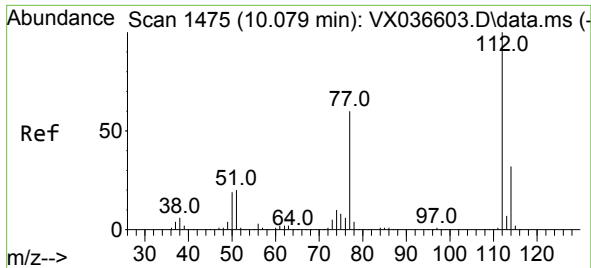
Tgt Ion:117 Resp: 228080
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 51.719 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion:164 Resp: 87985
Ion Ratio Lower Upper
164 100
166 127.9 102.7 154.1
129 99.5 80.4 120.6
131 94.9 76.5 114.7

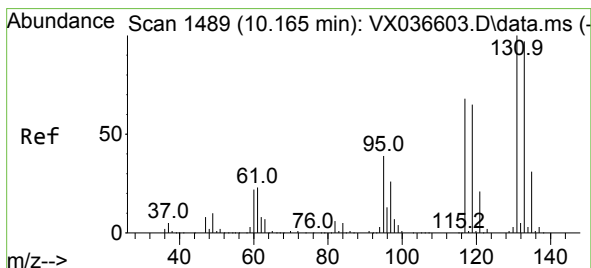
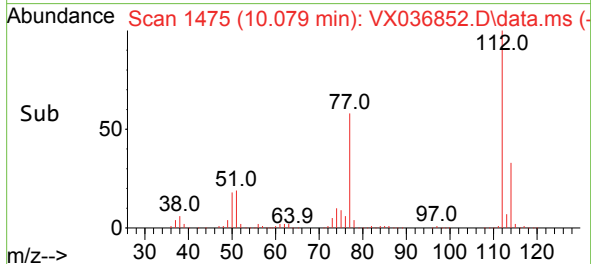
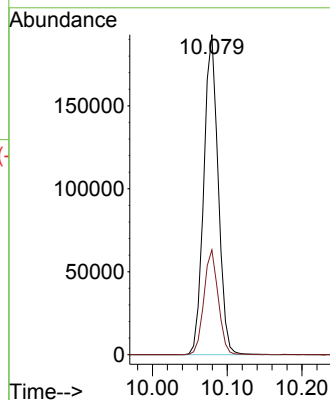
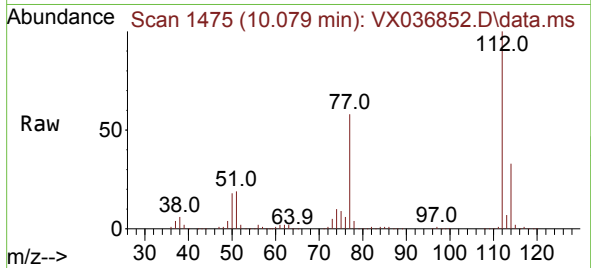




#65
Chlorobenzene
Concen: 51.314 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

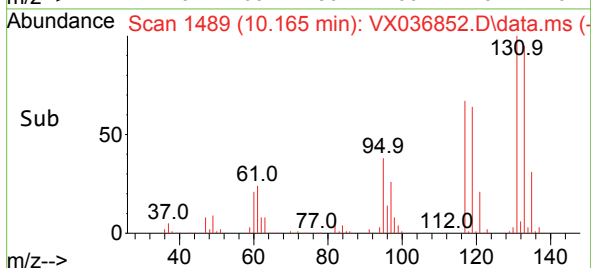
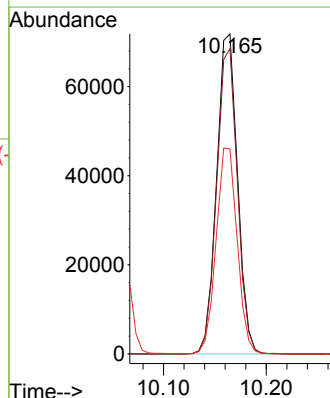
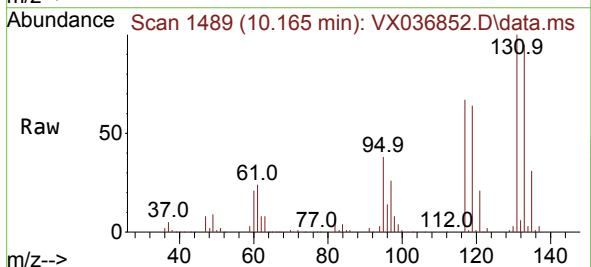
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

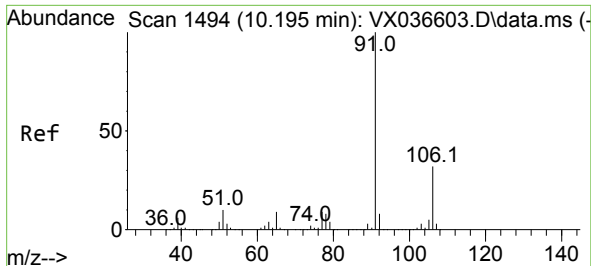
Tgt Ion:112 Resp: 257981
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.260 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion:131 Resp: 101552
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 64.9 32.2 96.6

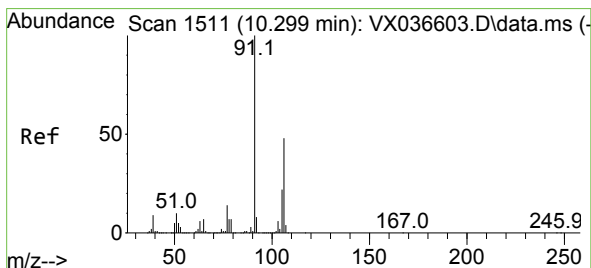
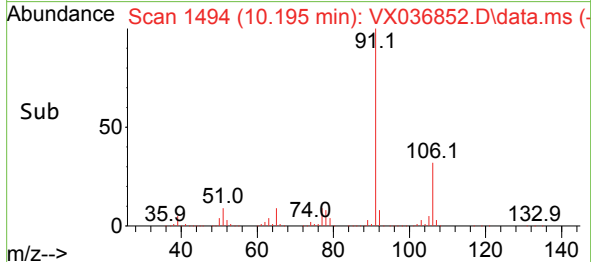
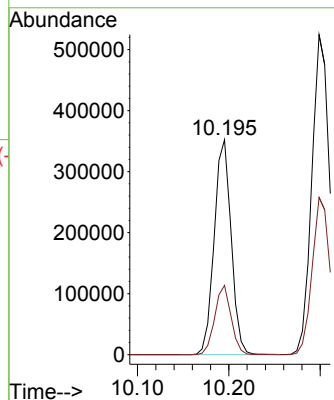
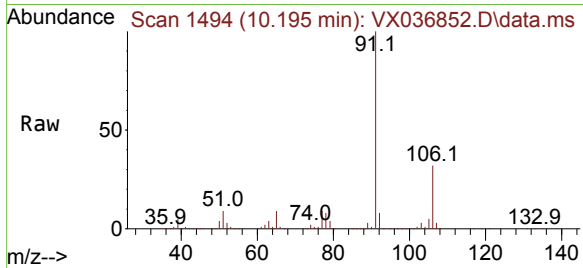




#67
Ethyl Benzene
Concen: 49.381 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

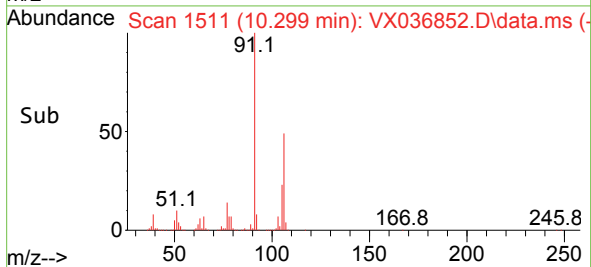
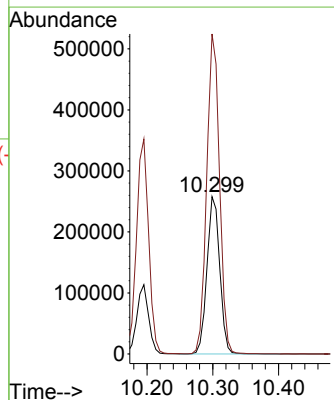
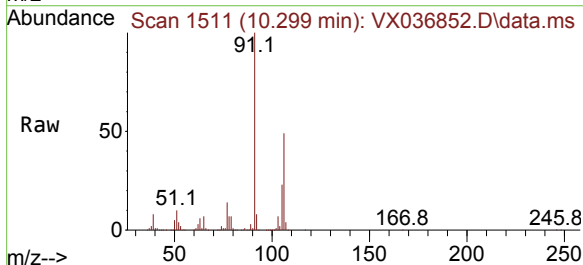
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

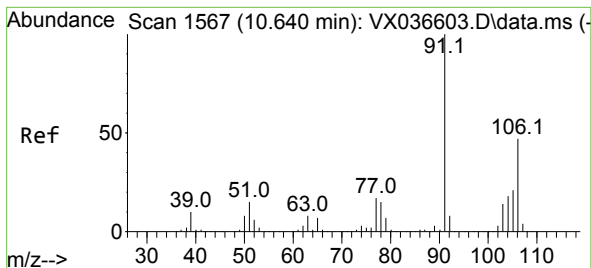
Tgt Ion: 91 Resp: 453538
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 101.570 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 106 Resp: 348059
Ion Ratio Lower Upper
106 100
91 204.0 165.5 248.3





#69

o-Xylene

Concen: 50.942 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

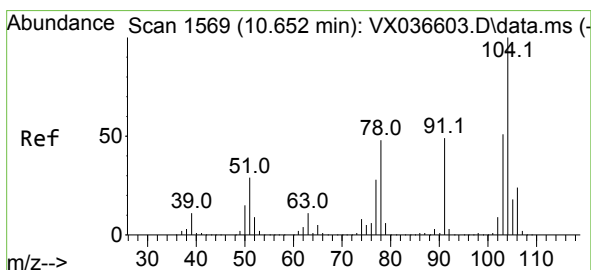
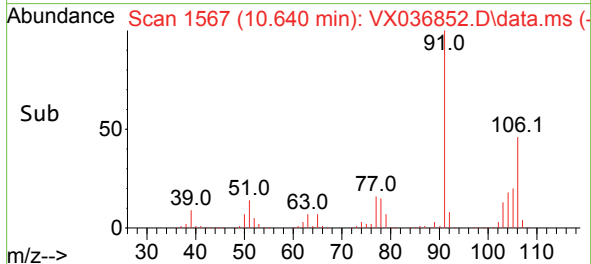
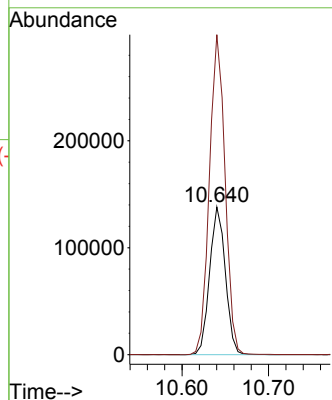
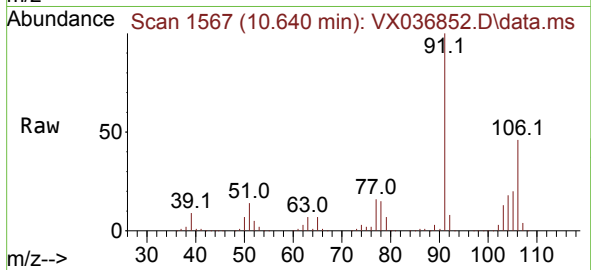
VSTDCCC050

Tgt Ion:106 Resp: 174247

Ion Ratio Lower Upper

106 100

91 215.6 108.9 326.8



#70

Styrene

Concen: 52.505 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

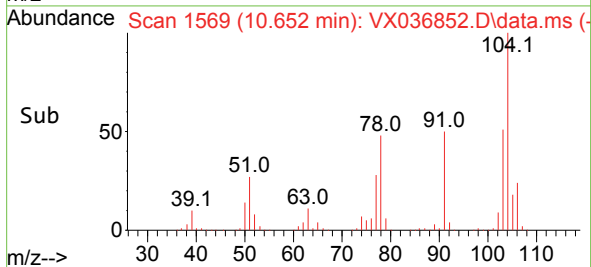
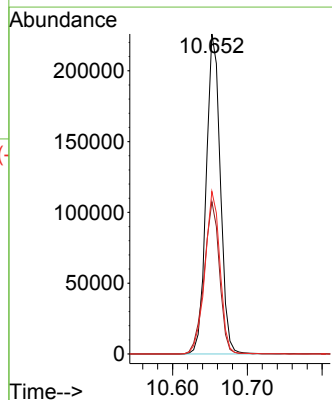
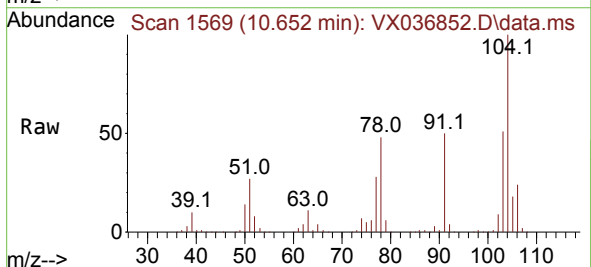
Tgt Ion:104 Resp: 296308

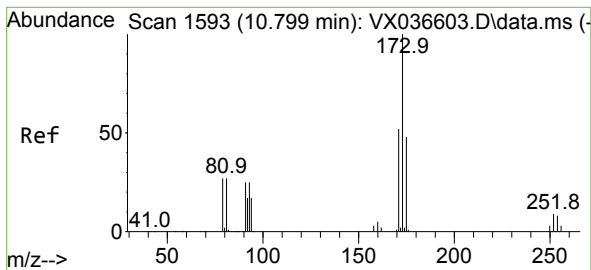
Ion Ratio Lower Upper

104 100

78 51.8 43.6 65.4

103 54.2 43.6 65.4





#71

Bromoform

Concen: 53.967 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

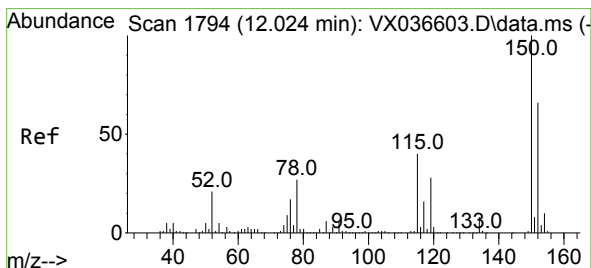
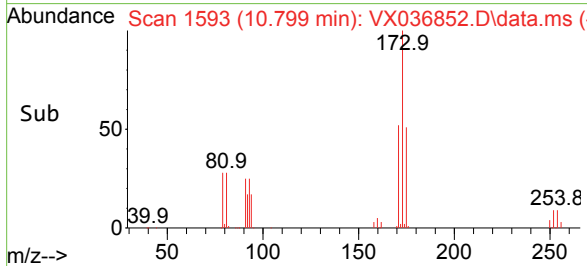
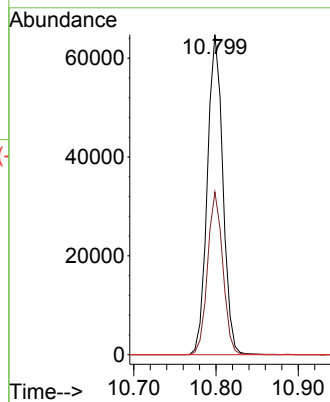
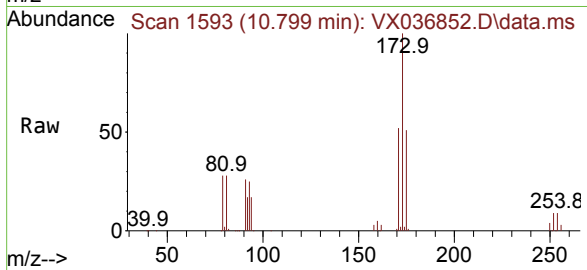
Tgt Ion:173 Resp: 84891

Ion Ratio Lower Upper

173 100

175 49.8 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

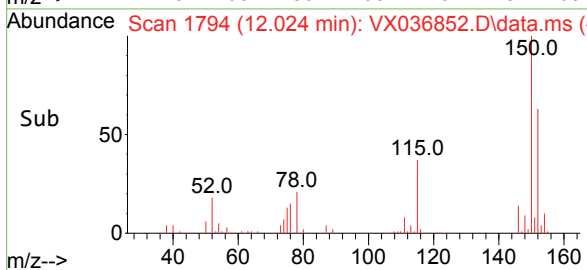
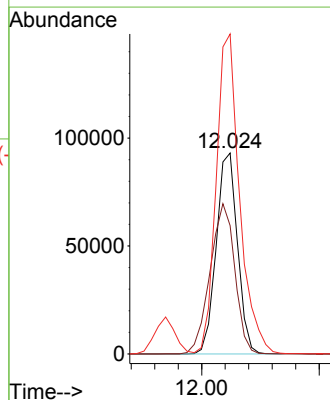
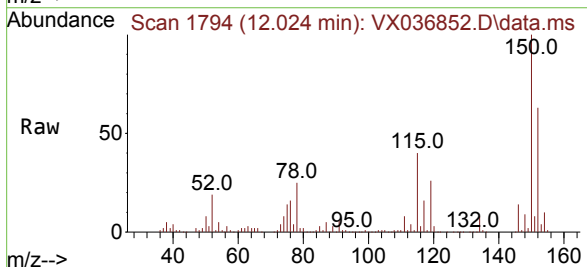
Tgt Ion:152 Resp: 116636

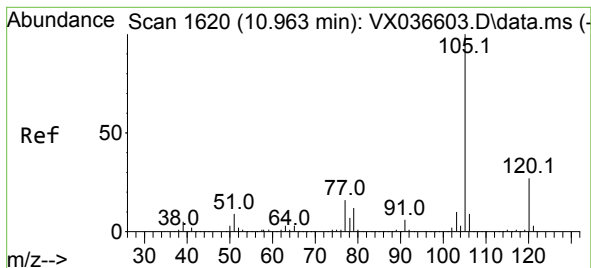
Ion Ratio Lower Upper

152 100

115 87.3 43.3 129.9

150 175.6 0.0 345.0





#73

Isopropylbenzene

Concen: 45.379 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

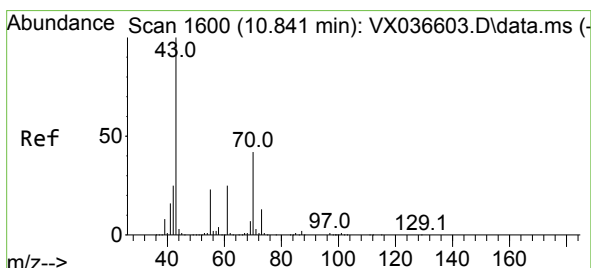
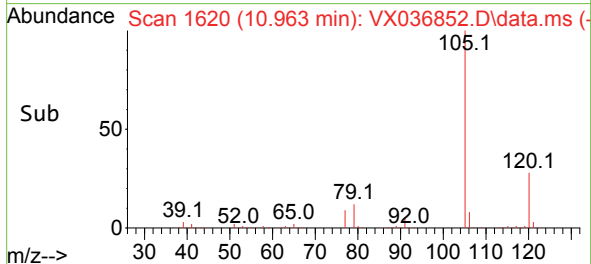
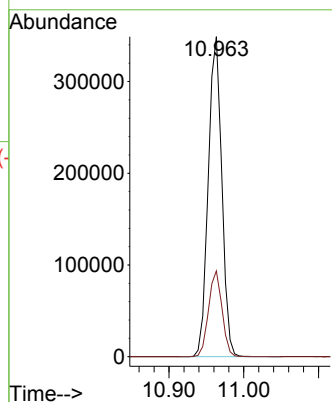
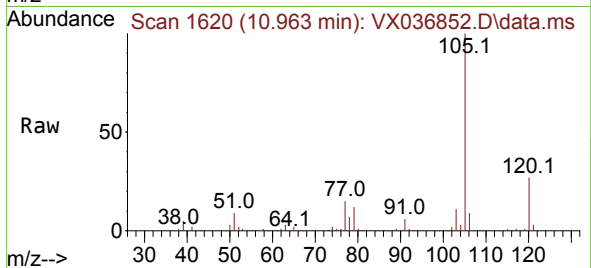
VSTDCCC050

Tgt Ion:105 Resp: 438031

Ion Ratio Lower Upper

105 100

120 26.6 12.9 38.6



#74

N-ethyl acetate

Concen: 44.323 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Tgt Ion: 43 Resp: 199510

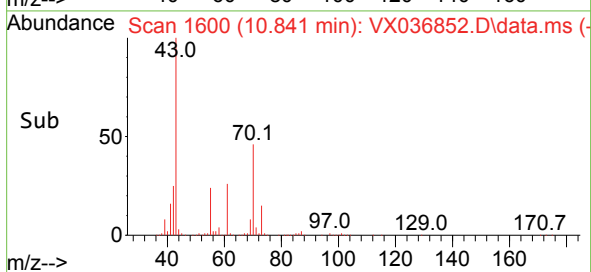
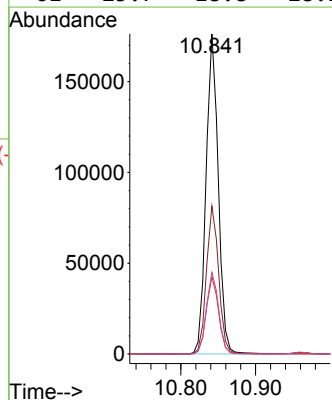
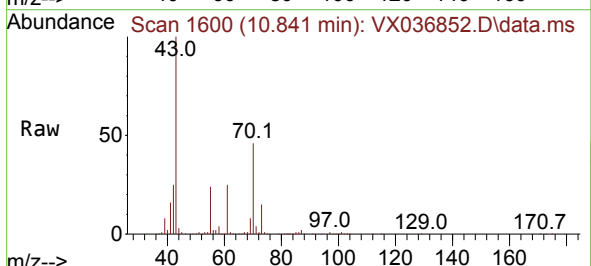
Ion Ratio Lower Upper

43 100

70 46.3 32.9 49.3

55 24.4 19.3 28.9

61 25.7 18.8 28.2

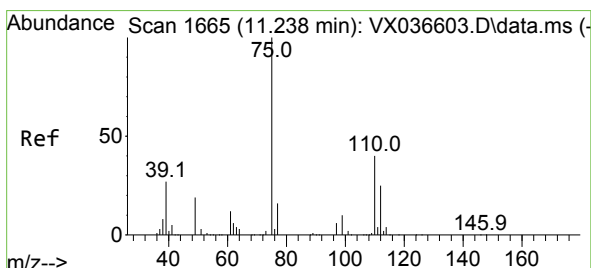
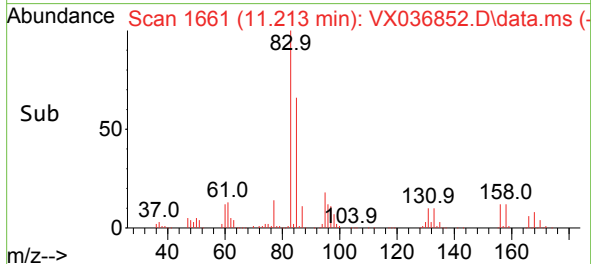
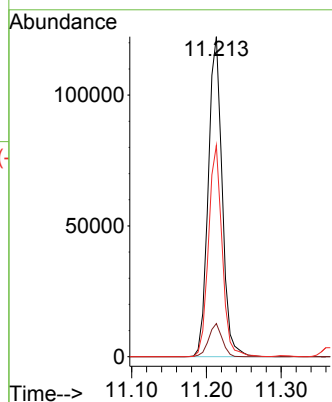
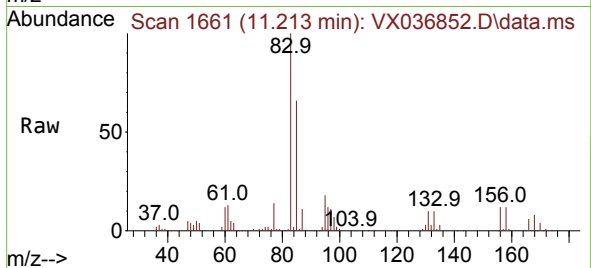




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.337 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

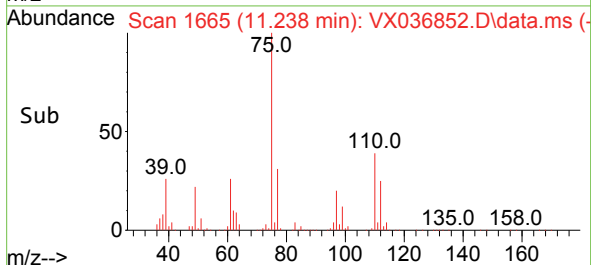
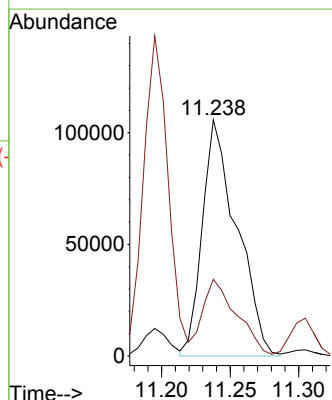
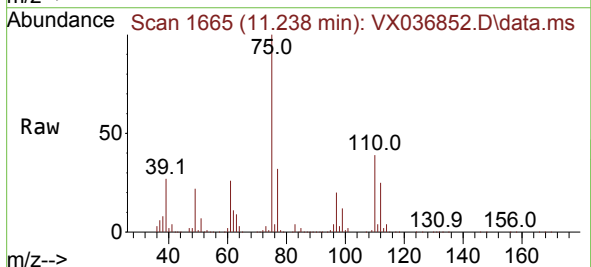
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 157590
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.3 15.8
 85 64.9 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 67.566 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

Tgt Ion: 75 Resp: 185362
 Ion Ratio Lower Upper
 75 100
 77 32.2 19.1 57.5





#77

Bromobenzene

Concen: 49.643 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

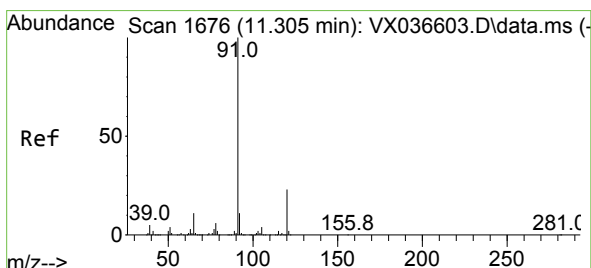
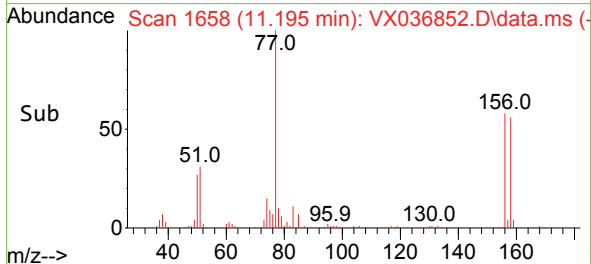
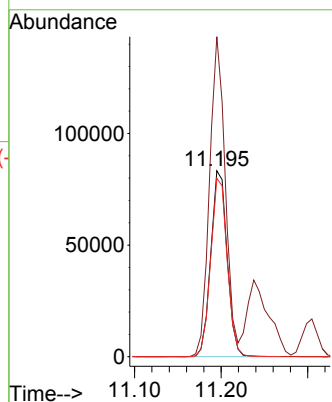
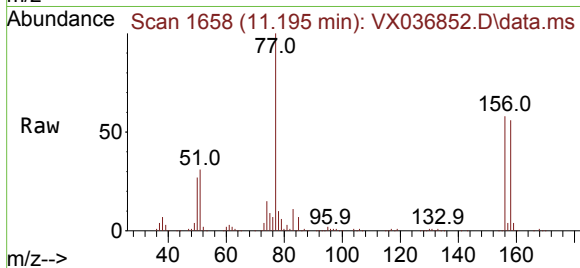
Tgt Ion:156 Resp: 109127

Ion Ratio Lower Upper

156 100

77 165.4 88.4 265.3

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 44.994 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036852.D

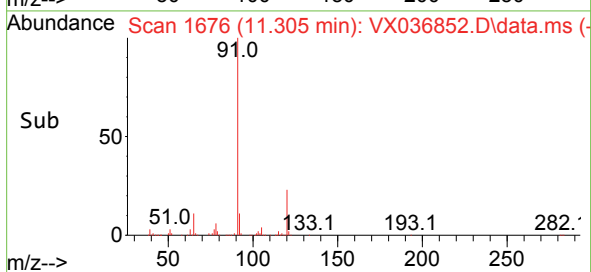
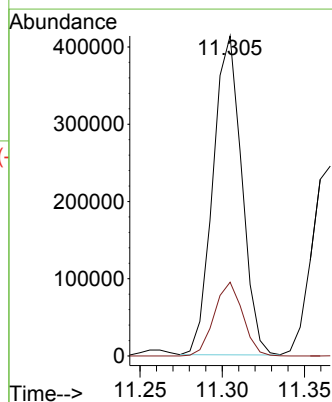
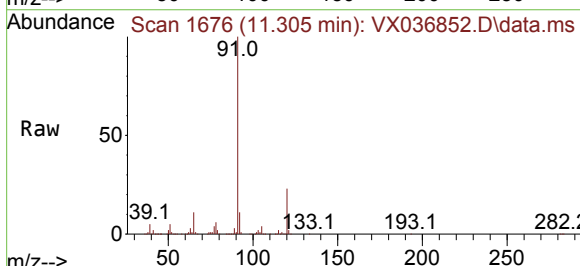
Acq: 08 Aug 2023 10:20

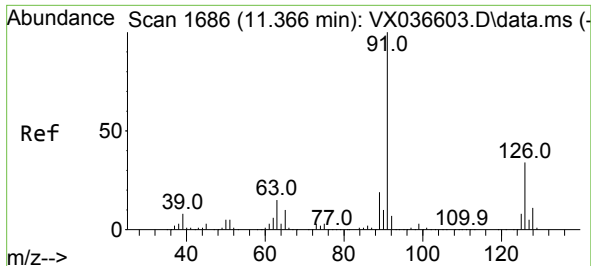
Tgt Ion: 91 Resp: 502291

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

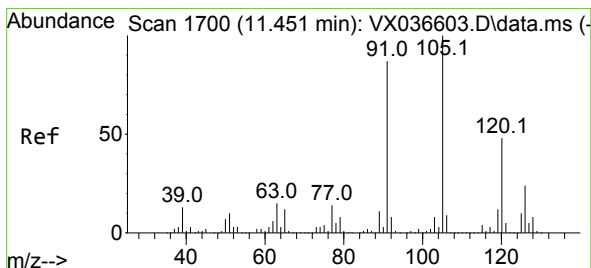
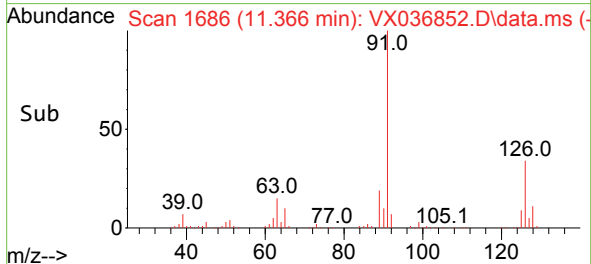
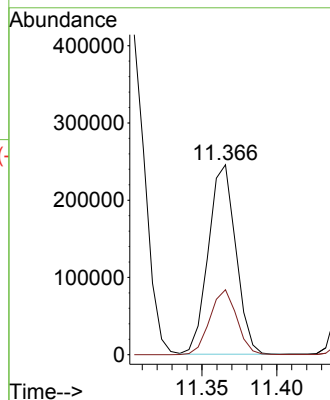
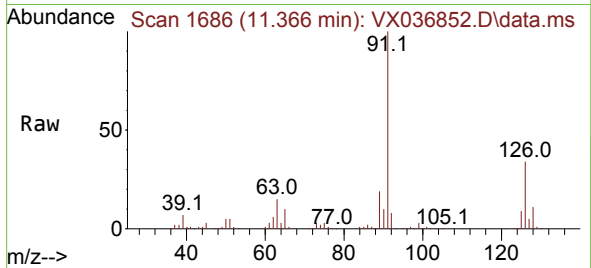




#79
2-Chlorotoluene
Concen: 46.340 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

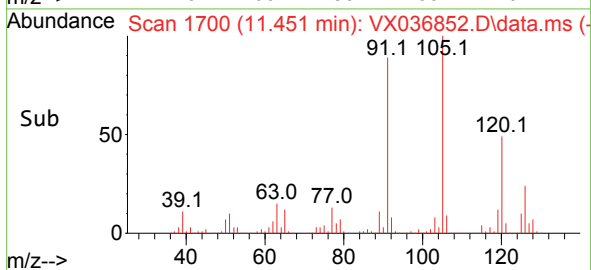
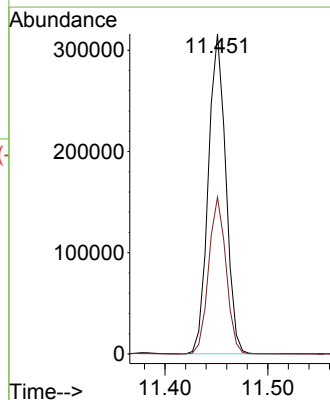
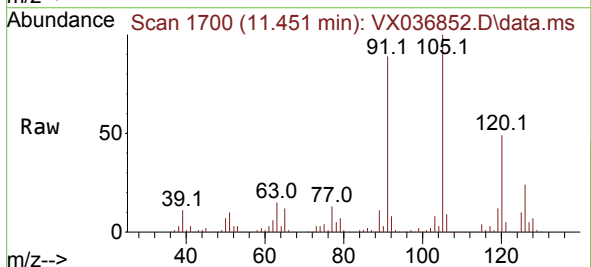
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

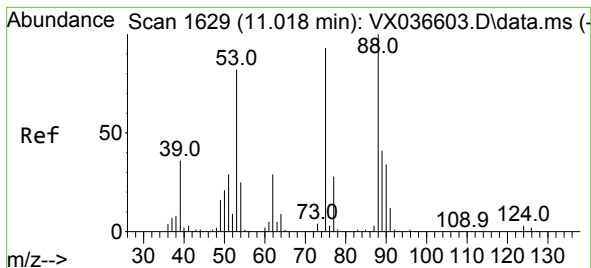
Tgt Ion: 91 Resp: 313470
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 46.248 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 105 Resp: 373461
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3

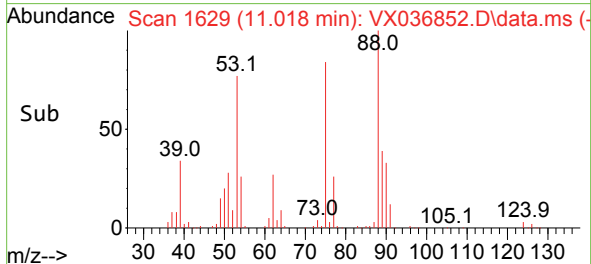
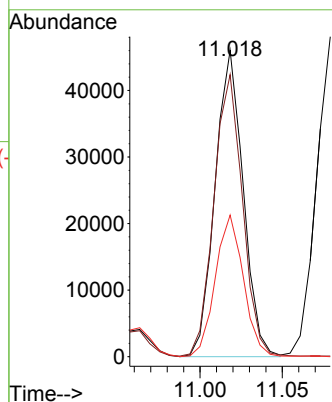
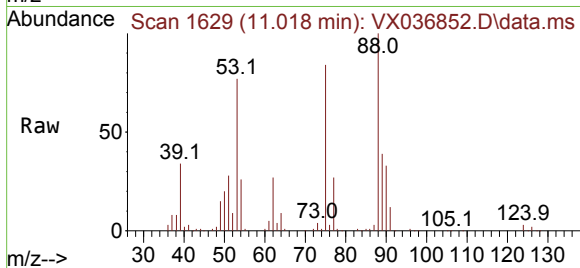




#81
trans-1,4-Dichloro-2-butene
Concen: 45.152 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

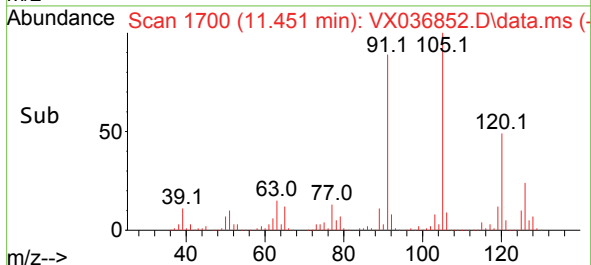
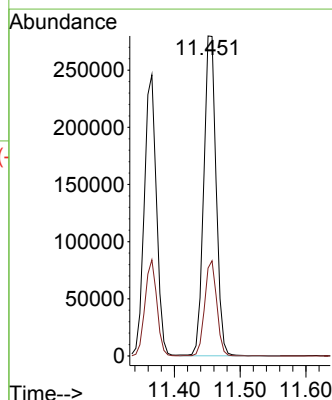
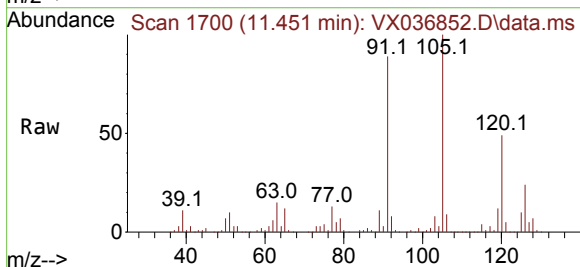
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 54651
Ion Ratio Lower Upper
75 100
53 94.2 90.5 135.7
89 46.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 47.457 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 91 Resp: 365775
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 44.471 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

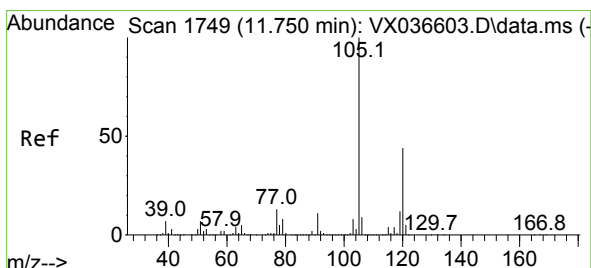
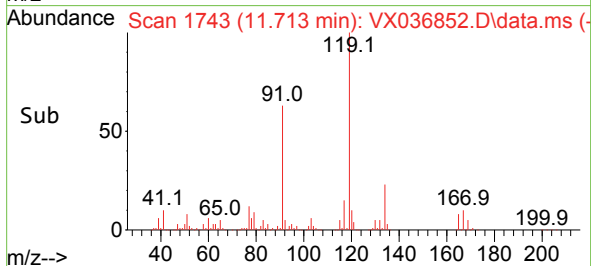
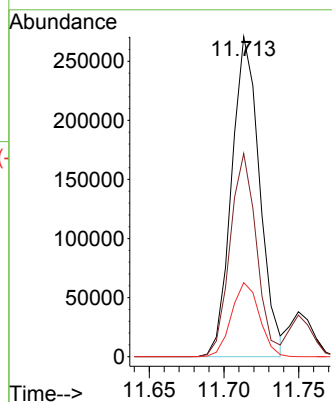
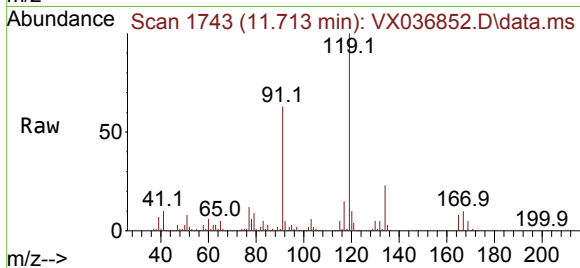
Tgt Ion:119 Resp: 352792

Ion Ratio Lower Upper

119 100

91 60.2 31.2 93.6

134 23.1 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 47.084 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036852.D

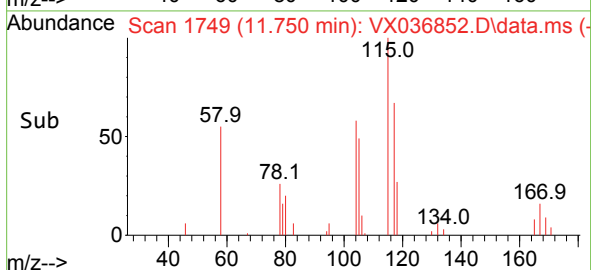
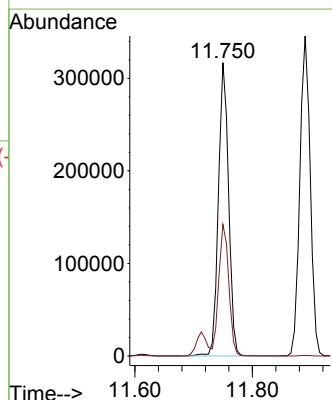
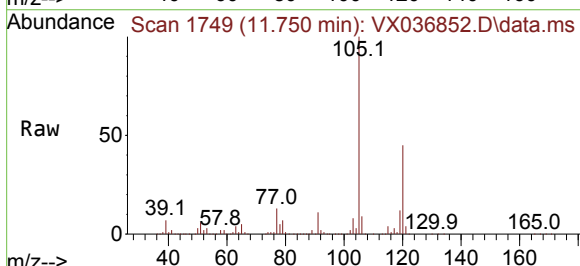
Acq: 08 Aug 2023 10:20

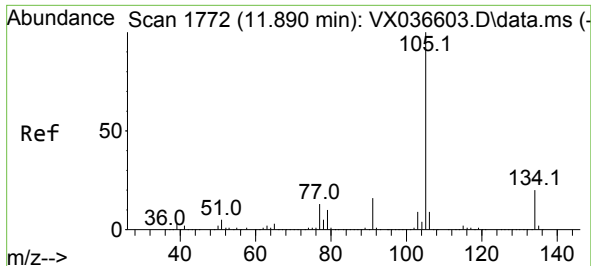
Tgt Ion:105 Resp: 380243

Ion Ratio Lower Upper

105 100

120 44.2 21.2 63.6

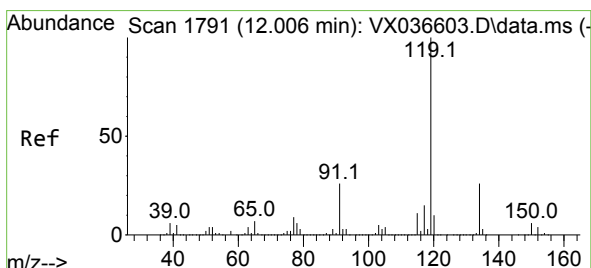
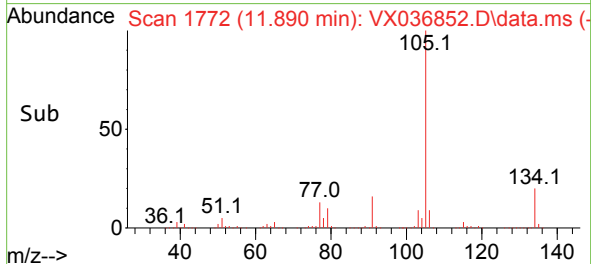
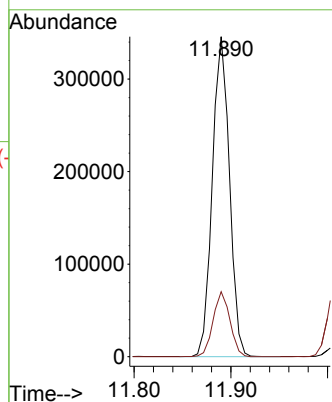
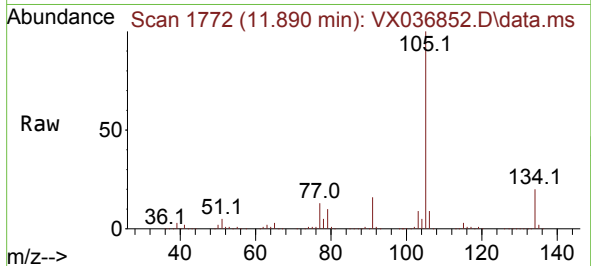




#85
 sec-Butylbenzene
 Concen: 42.985 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

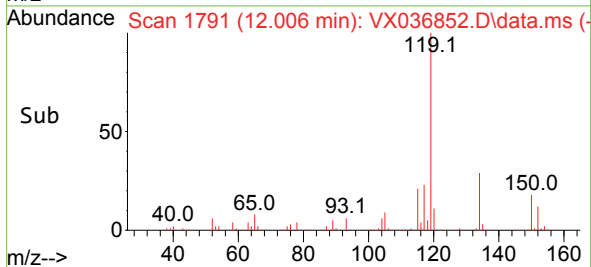
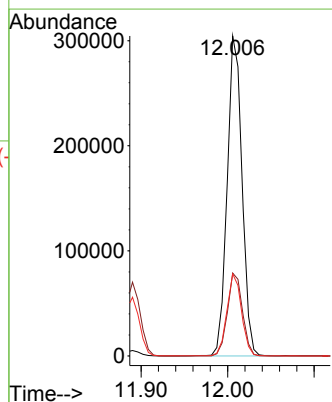
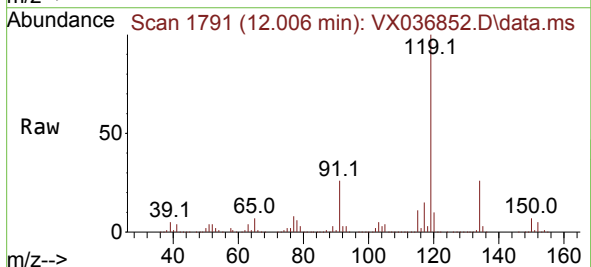
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 425260
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 44.669 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036852.D
 Acq: 08 Aug 2023 10:20

Tgt Ion:119 Resp: 363631
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.978 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

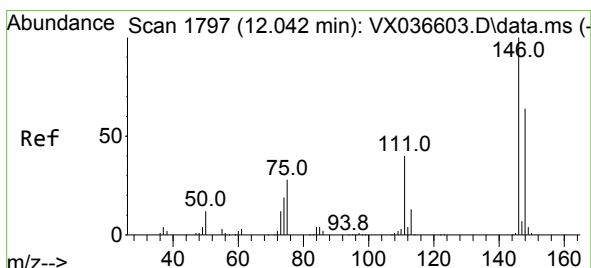
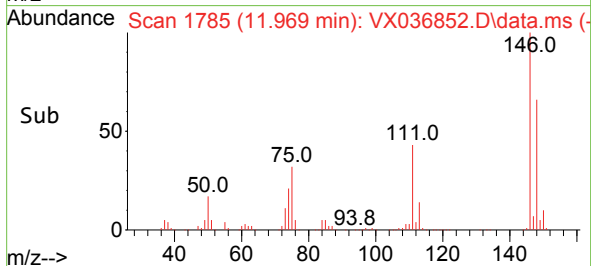
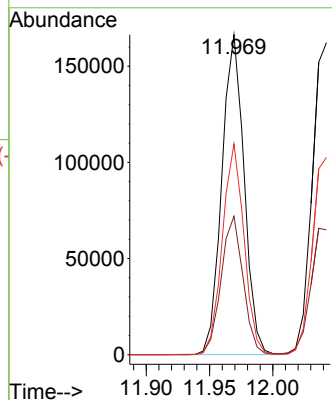
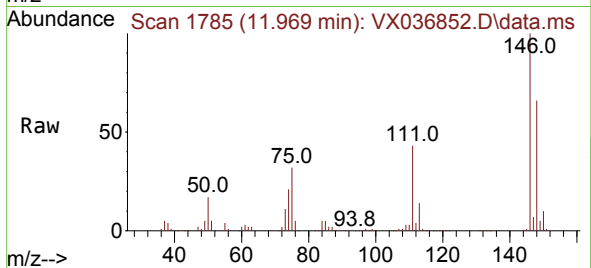
Tgt Ion:146 Resp: 203483

Ion Ratio Lower Upper

146 100

111 42.8 22.1 66.1

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.812 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

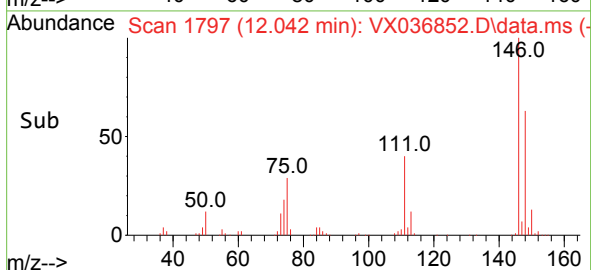
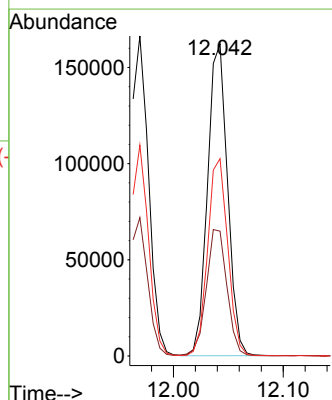
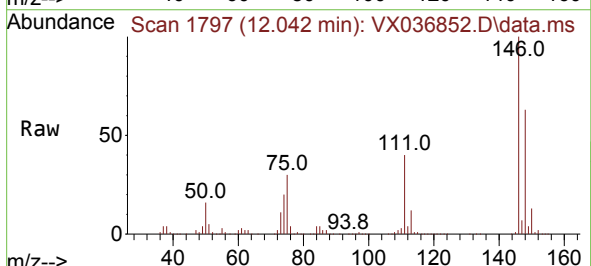
Tgt Ion:146 Resp: 205308

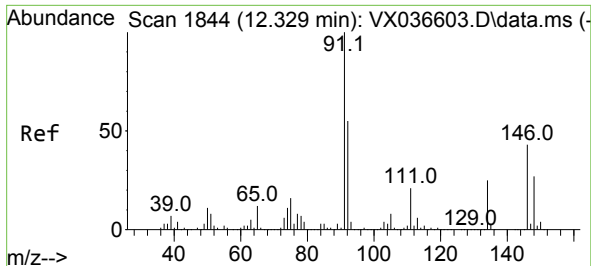
Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

148 64.1 31.8 95.4

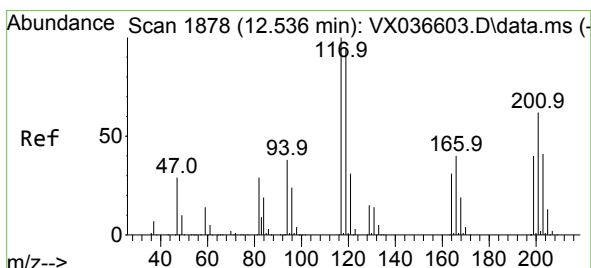
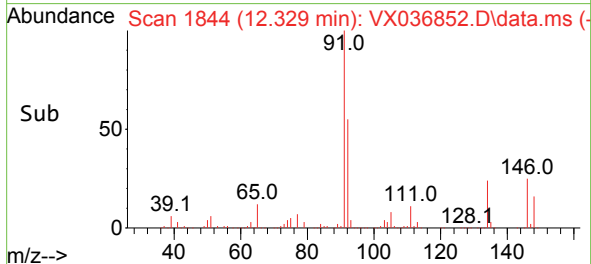
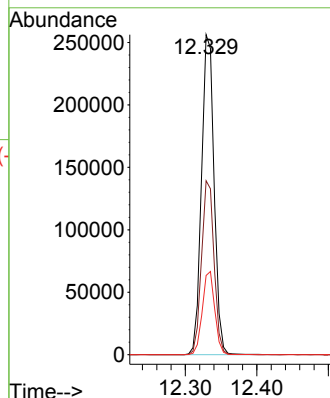
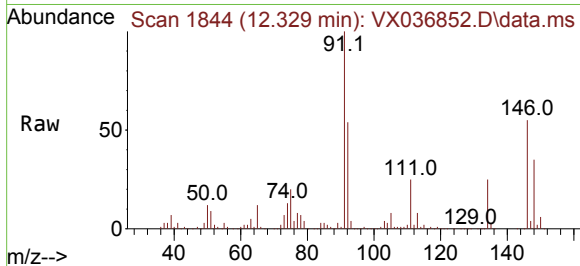




#89
n-Butylbenzene
Concen: 42.892 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

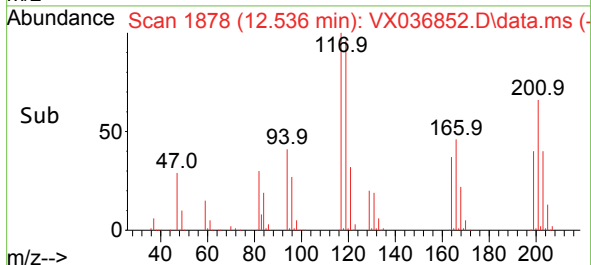
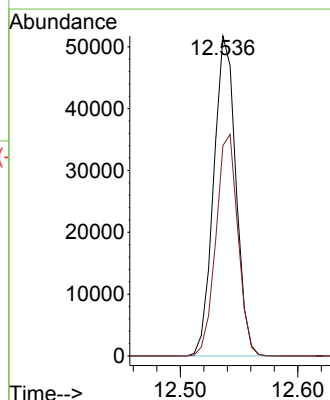
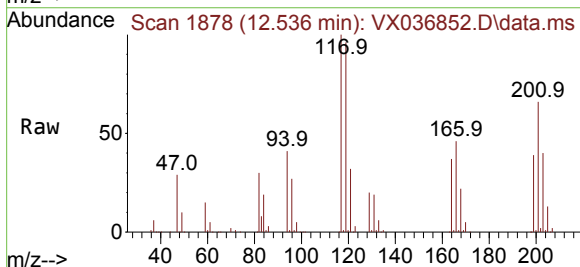
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

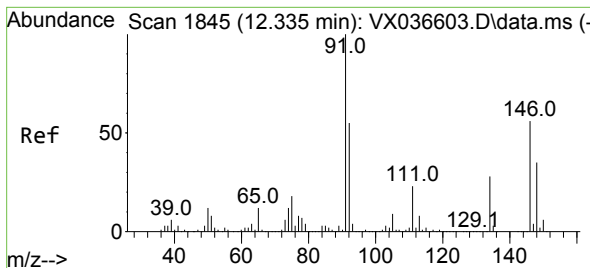
Tgt Ion: 91 Resp: 312567
Ion Ratio Lower Upper
91 100
92 54.2 27.4 82.0
134 25.7 12.6 37.8



#90
Hexachloroethane
Concen: 41.062 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 117 Resp: 67765
Ion Ratio Lower Upper
117 100
201 68.9 32.9 98.6

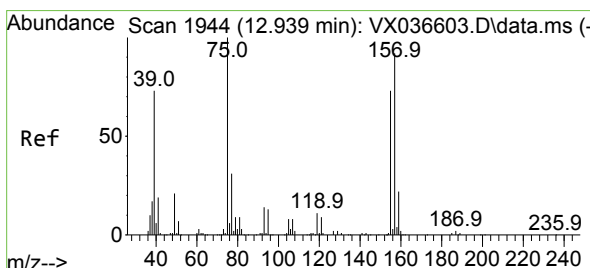
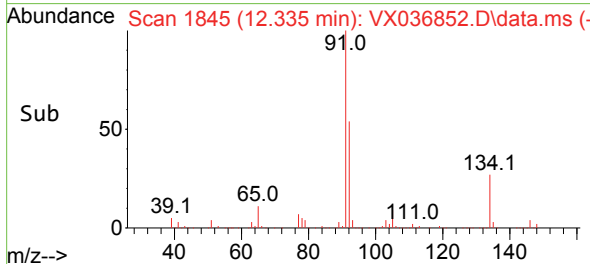
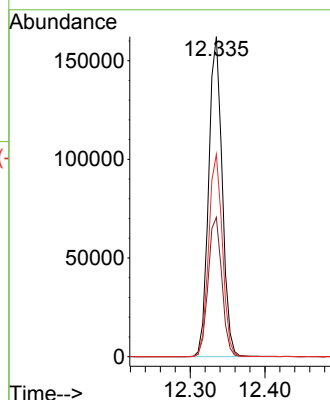
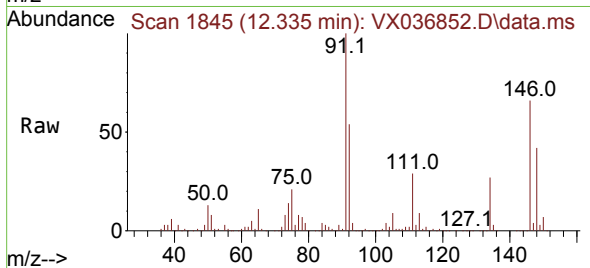




#91
1,2-Dichlorobenzene
Concen: 51.908 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

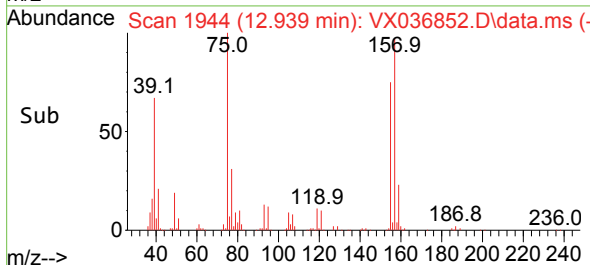
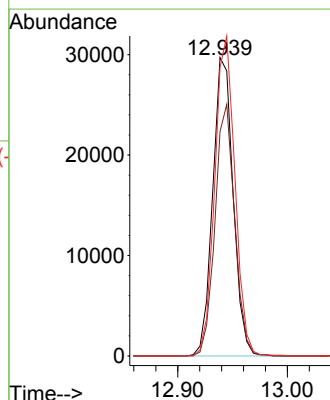
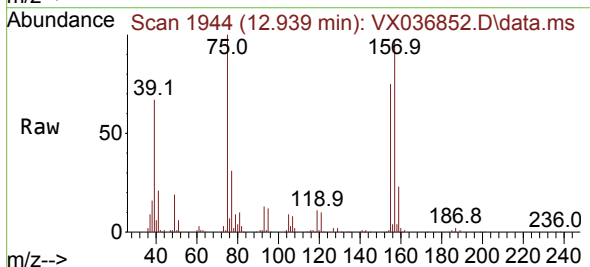
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

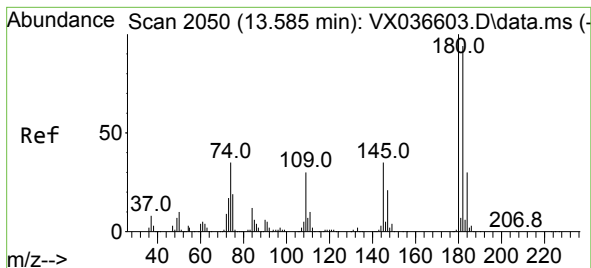
Tgt Ion:146 Resp: 203942
Ion Ratio Lower Upper
146 100
111 44.2 22.4 67.0
148 64.0 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.739 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion: 75 Resp: 38440
Ion Ratio Lower Upper
75 100
155 81.3 36.1 108.5
157 106.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.670 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

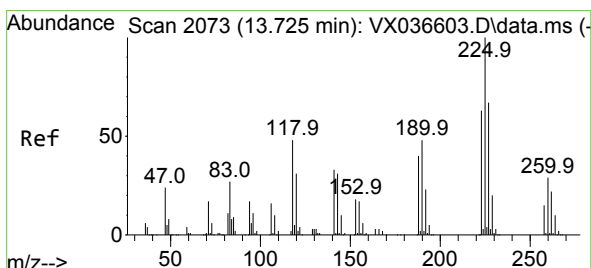
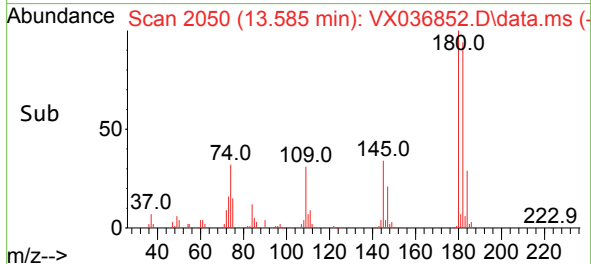
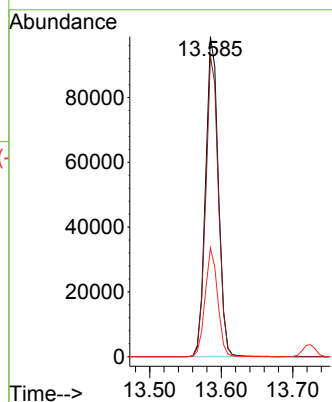
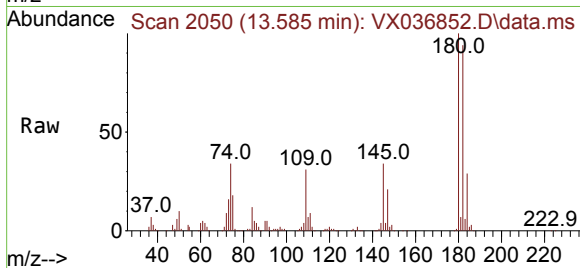
Tgt Ion:180 Resp: 122651

Ion Ratio Lower Upper

180 100

182 93.3 48.3 144.8

145 33.3 18.0 54.0



#94

Hexachlorobutadiene

Concen: 45.065 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX036852.D

Acq: 08 Aug 2023 10:20

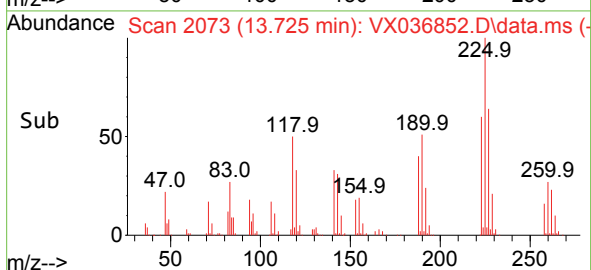
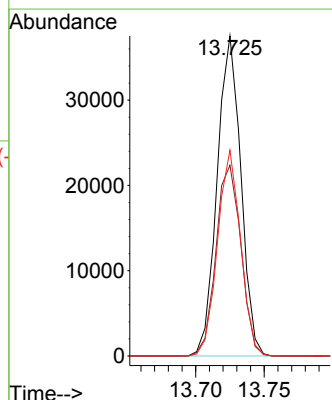
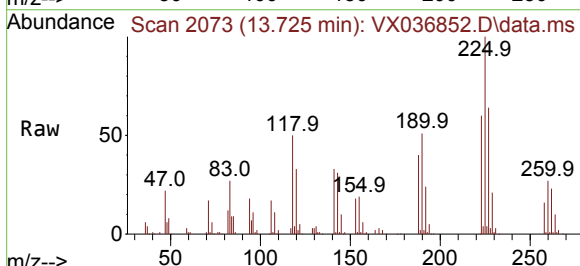
Tgt Ion:225 Resp: 45129

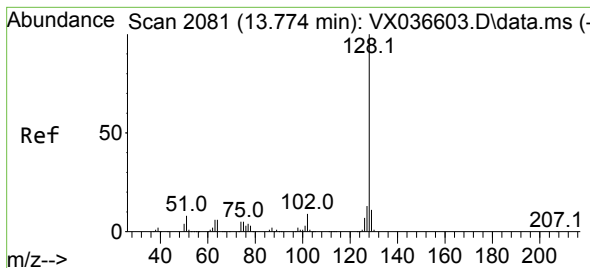
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.2

227 62.5 32.5 97.5

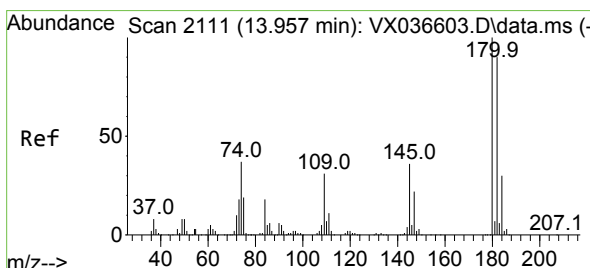
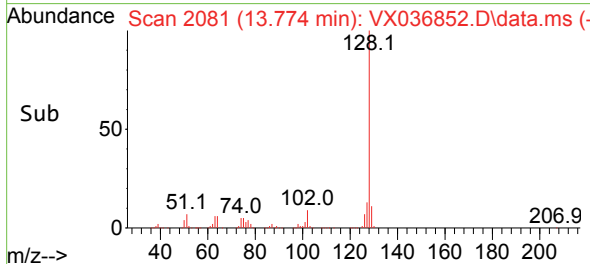
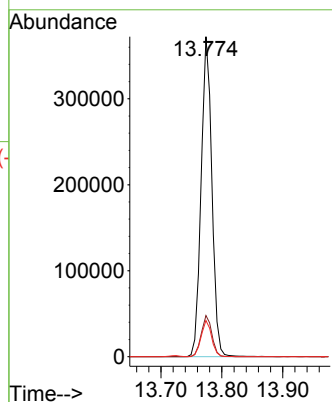
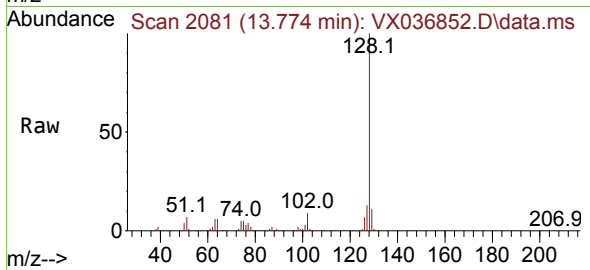




#95
Naphthalene
Concen: 54.170 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 456933
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.248 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036852.D
Acq: 08 Aug 2023 10:20

Tgt Ion:180 Resp: 122264
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 34.9 17.8 53.5

