

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035733.D
 Acq On : 18 May 2023 10:57
 Operator : JC/MD
 Sample : VX0518MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 05:45:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

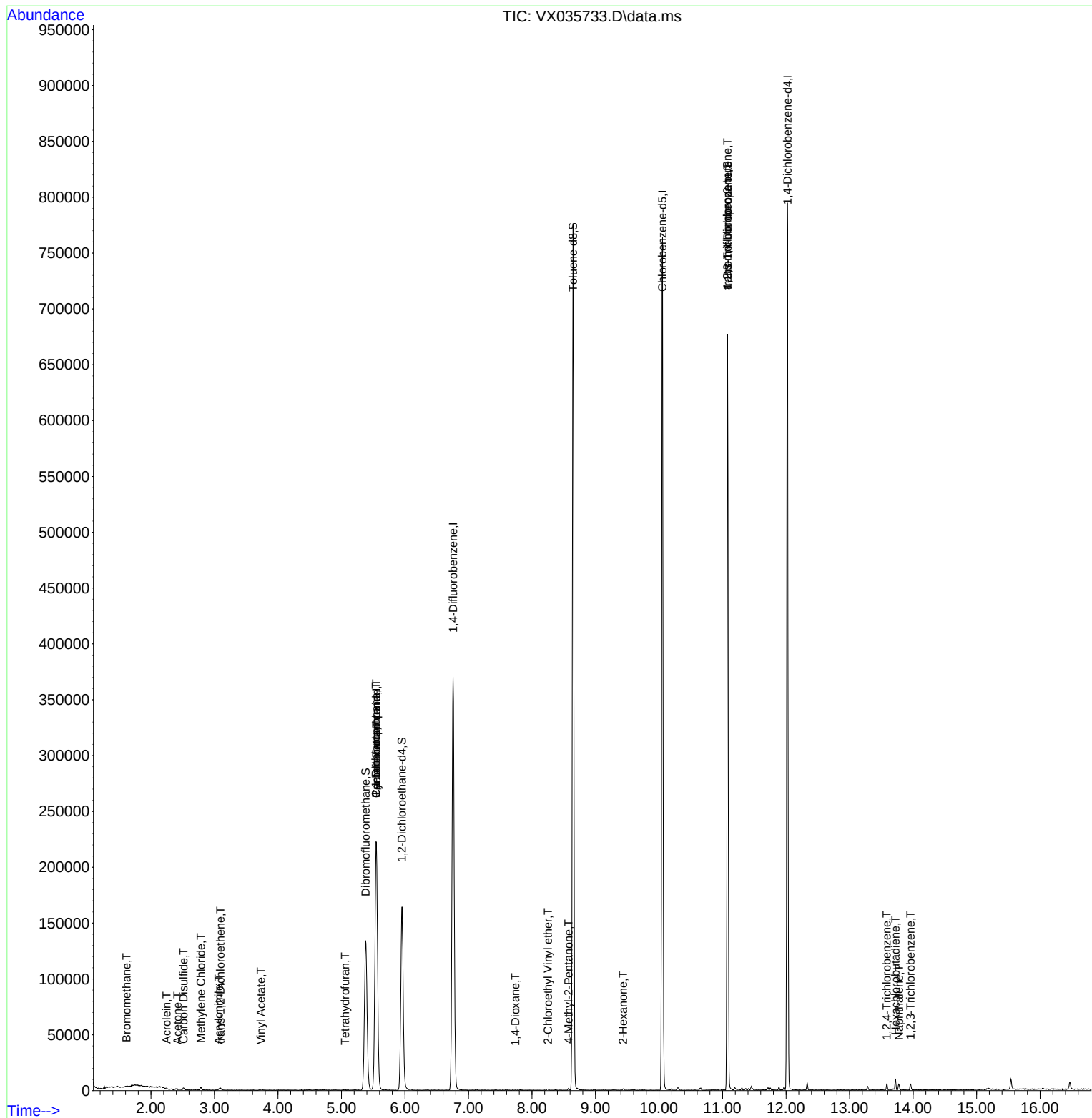
Internal Standards						
1) Pentafluorobenzene	5.550	168	192689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	354621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161039	47.906	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.820%
35) Dibromofluoromethane	5.379	113	115582	48.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.660%
50) Toluene-d8	8.647	98	429438	48.606	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.220%
62) 4-Bromofluorobenzene	11.079	95	176948	49.742	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	420	0.300	ug/l #	61
13) Acrolein	2.245	56	558	0.793	ug/l	86
15) Acrylonitrile	3.068	53	901	0.690	ug/l #	80
16) Acetone	2.416	43	1416	0.980	ug/l	95
17) Carbon Disulfide	2.514	76	2386	0.461	ug/l #	91
20) Methylene Chloride	2.788	84	1156	0.441	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	503	0.214	ug/l #	66
23) Vinyl Acetate	3.733	43	1699	0.267	ug/l #	72
29) Tetrahydrofuran	5.056	42	557	0.443	ug/l #	38
31) Cyclohexane	5.550	56	4751	1.119	ug/l #	12
36) 1,1-Dichloropropene	5.543	75	19034	5.042	ug/l #	50
38) Carbon Tetrachloride	5.550	117	22347	6.249	ug/l #	14
49) 1,4-Dioxane	7.738	88	151	4.009	ug/l #	56
51) 4-Methyl-2-Pentanone	8.573	43	947	0.239	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	576	0.267	ug/l	98
59) 2-Hexanone	9.433	43	856	0.287	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	97130	26.299	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	97130	84.759	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.585	180	1199	0.371	ug/l	89
94) Hexachlorobutadiene	13.725	225	1034	0.805	ug/l	87
95) Naphthalene	13.780	128	3759	0.339	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1380	0.434	ug/l	98

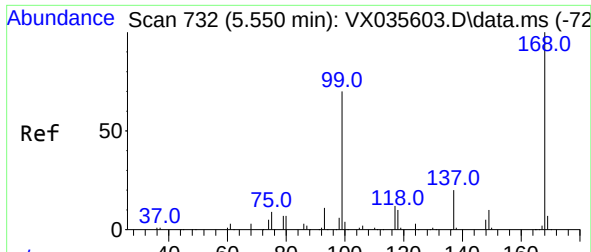
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
Data File : VX035733.D
Acq On : 18 May 2023 10:57
Operator : JC/MD
Sample : VX0518MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

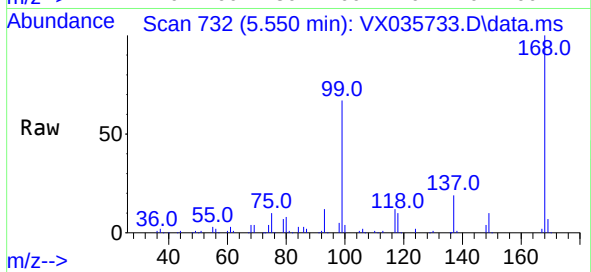
Quant Time: May 19 05:45:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



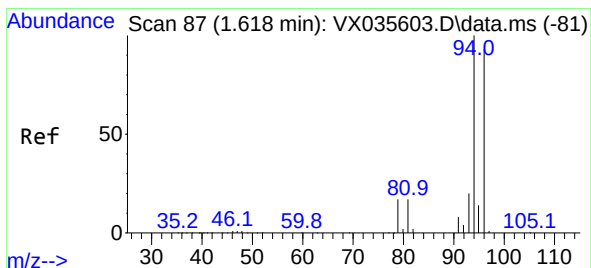
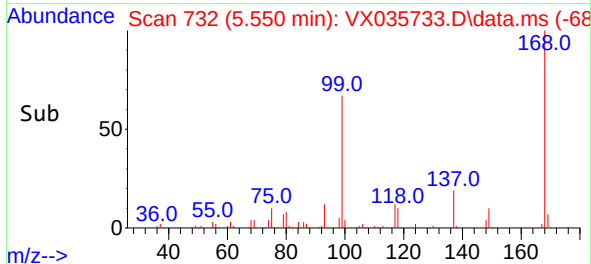
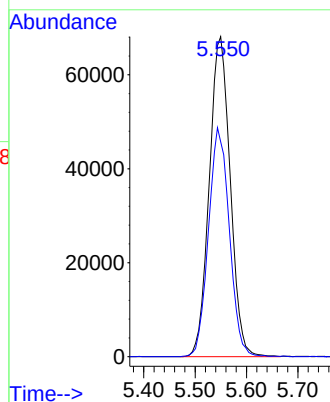


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :

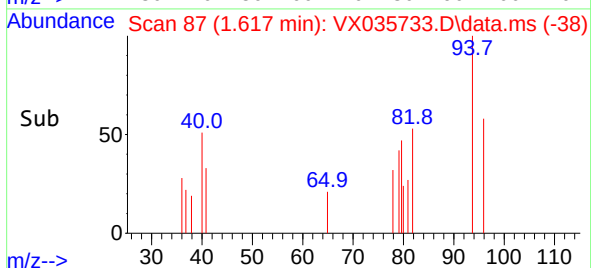
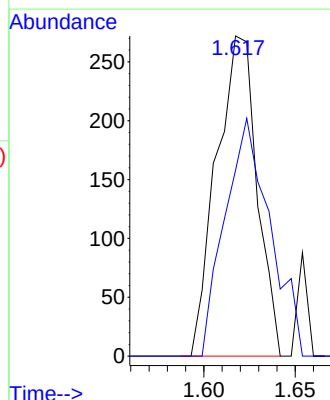
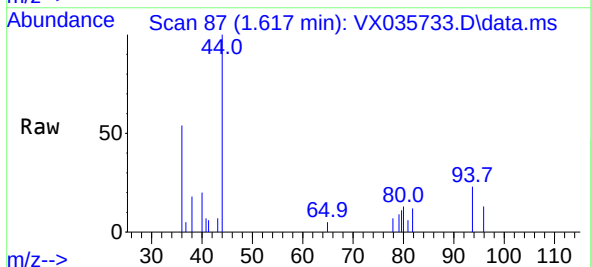


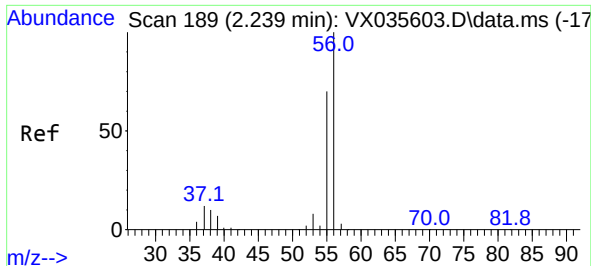
Tgt Ion:168 Resp: 192689
Ion Ratio Lower Upper
168 100
99 67.2 45.7 68.5



#5
Bromomethane
Concen: 0.300 ug/l
RT: 1.617 min Scan# 87
Delta R.T. -0.001 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Tgt Ion: 94 Resp: 420
Ion Ratio Lower Upper
94 100
96 58.1 77.0 115.6#

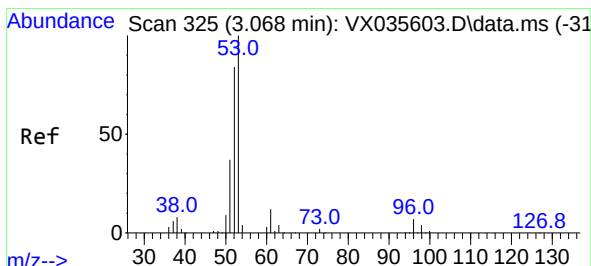
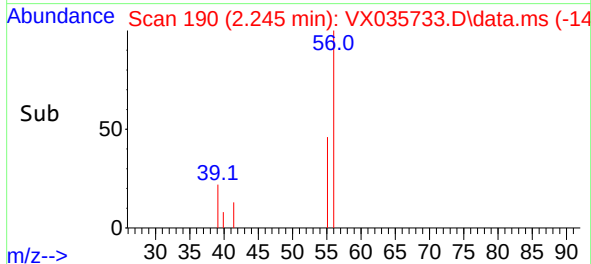
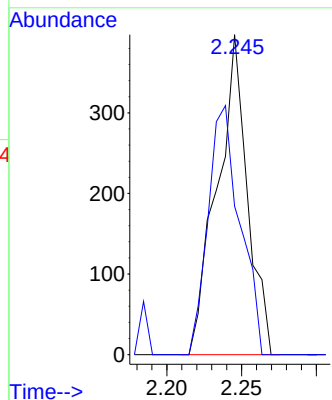
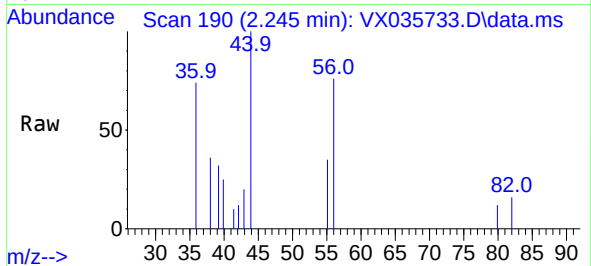




#13
Acrolein
Concen: 0.793 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

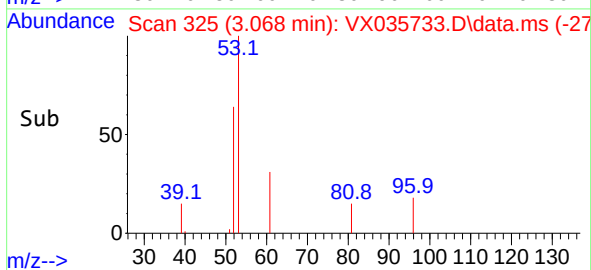
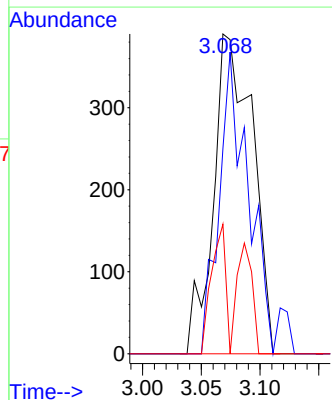
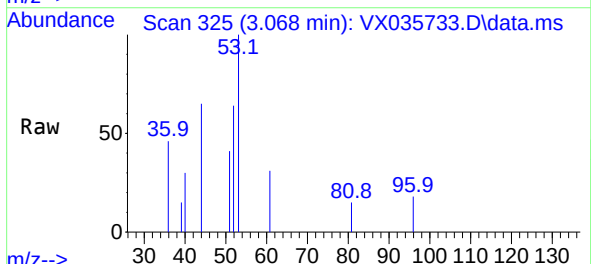
Instrument :
MSVOA_X
ClientSampleId :

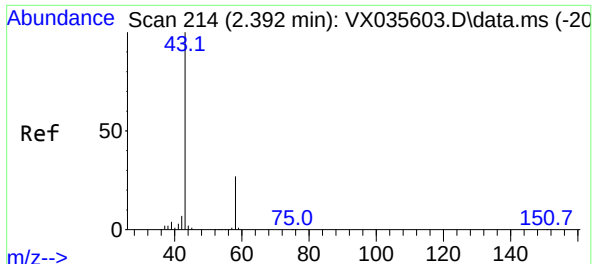
Tgt Ion: 56 Resp: 558
Ion Ratio Lower Upper
56 100
55 82.1 56.6 85.0



#15
Acrylonitrile
Concen: 0.690 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Tgt Ion: 53 Resp: 901
Ion Ratio Lower Upper
53 100
52 70.6 66.2 99.2
51 14.7 28.3 42.5#

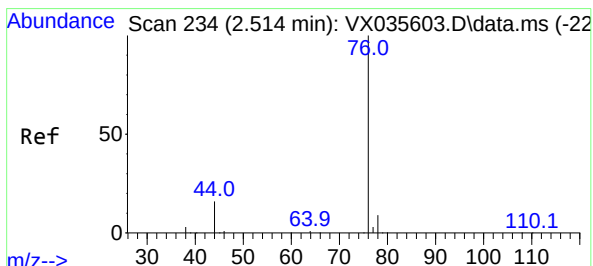
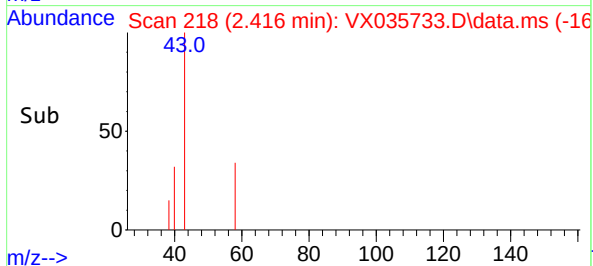
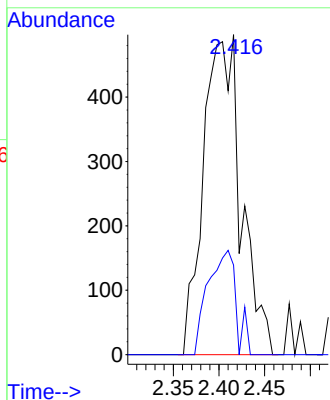
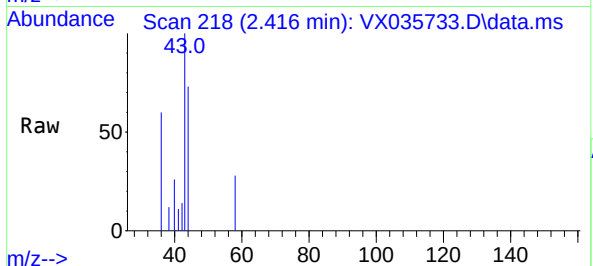




#16
Acetone
Concen: 0.980 ug/l
RT: 2.416 min Scan# 214
Delta R.T. 0.024 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

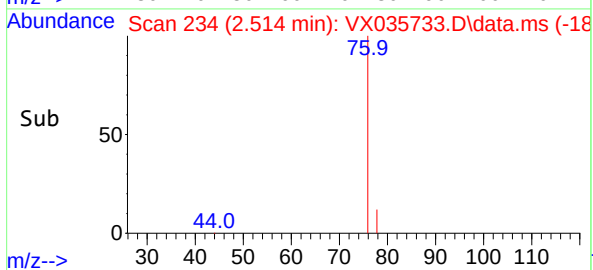
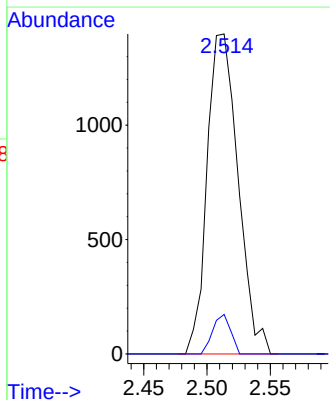
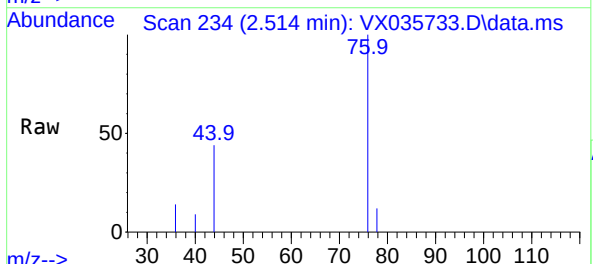
Instrument :
MSVOA_X
ClientSampleId :

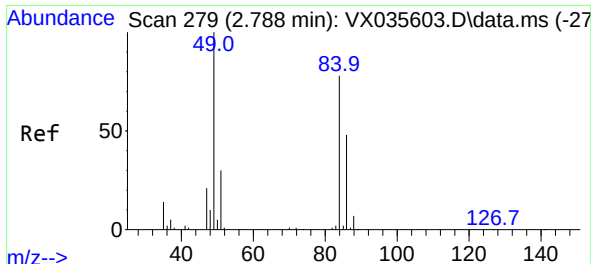
Tgt Ion: 43 Resp: 1416
Ion Ratio Lower Upper
43 100
58 28.0 24.7 37.1



#17
Carbon Disulfide
Concen: 0.461 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

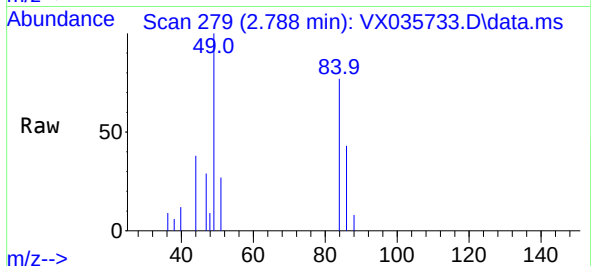
Tgt Ion: 76 Resp: 2386
Ion Ratio Lower Upper
76 100
78 12.4 7.2 10.8#





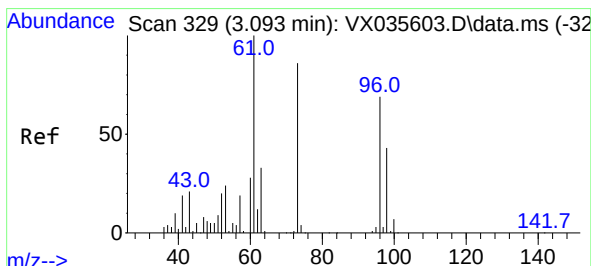
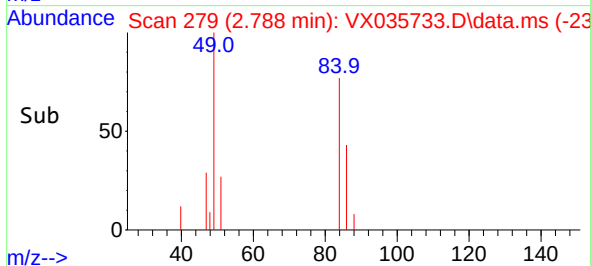
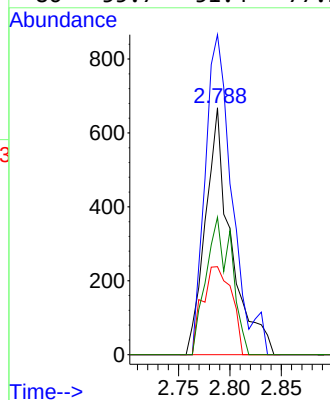
#20
Methylene Chloride
Concen: 0.441 ug/l
RT: 2.788 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1156

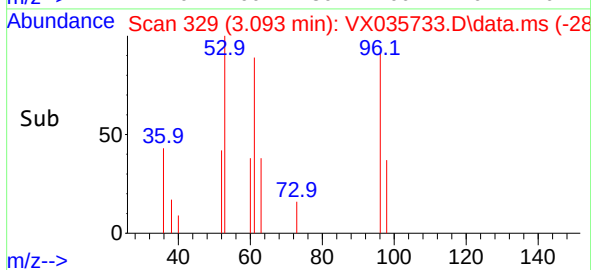
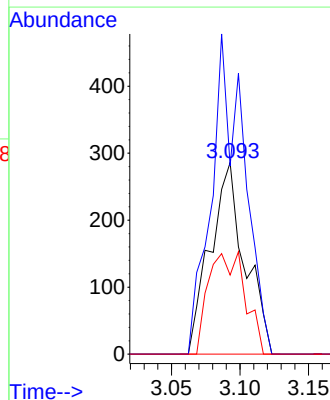
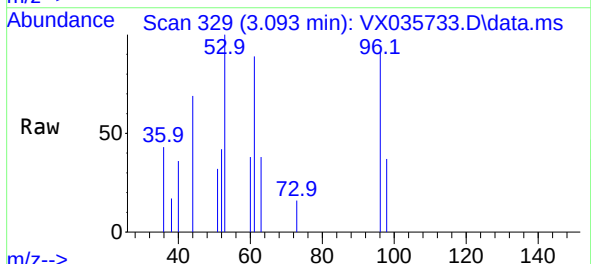
Ion	Ratio	Lower	Upper
84	100		
49	129.6	103.8	155.8
51	35.6	31.8	47.8
86	55.7	51.4	77.2

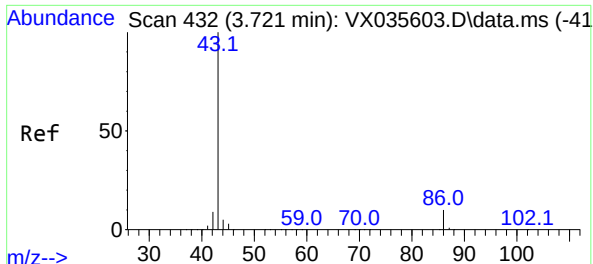


#21
trans-1,2-Dichloroethene
Concen: 0.214 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Tgt Ion: 96 Resp: 503

Ion	Ratio	Lower	Upper
96	100		
61	98.3	113.0	169.6#
98	41.3	52.1	78.1#





#23

Vinyl Acetate

Concen: 0.267 ug/l

RT: 3.733 min Scan# 41

Delta R.T. 0.012 min

Lab File: VX035733.D

Acq: 18 May 2023 10:57

Instrument :

MSVOA_X

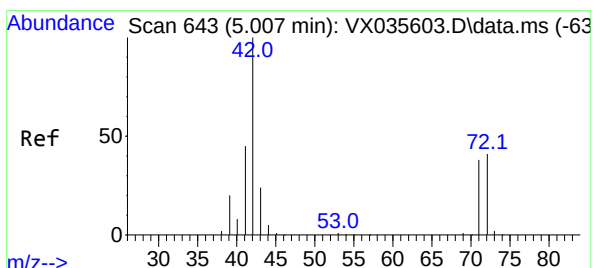
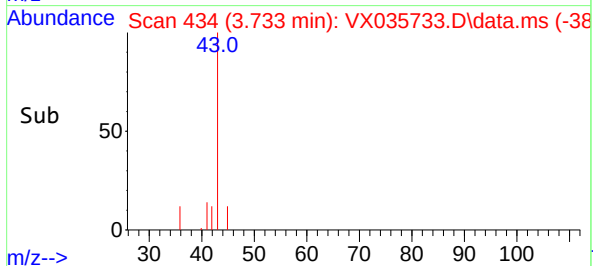
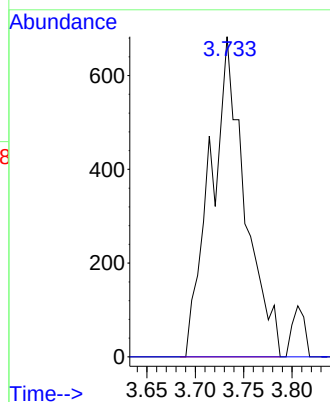
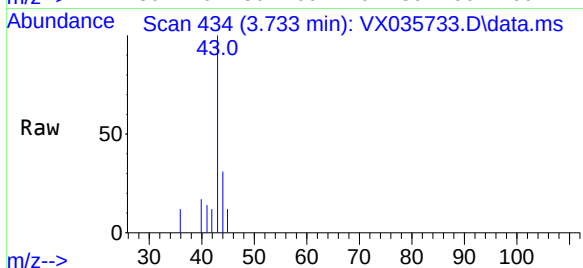
ClientSampleId :

Tgt Ion: 43 Resp: 1699

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#



#29

Tetrahydrofuran

Concen: 0.443 ug/l

RT: 5.056 min Scan# 651

Delta R.T. 0.049 min

Lab File: VX035733.D

Acq: 18 May 2023 10:57

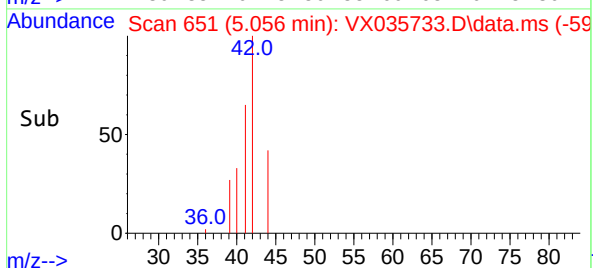
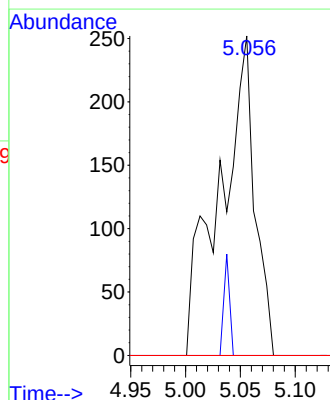
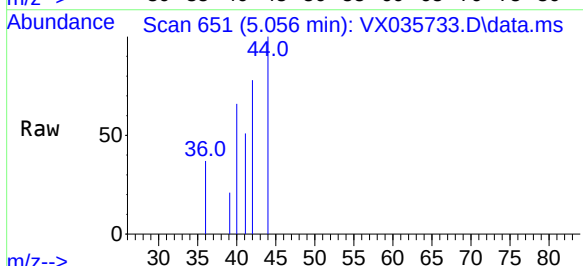
Tgt Ion: 42 Resp: 557

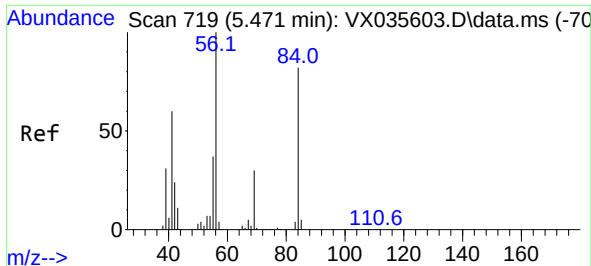
Ion Ratio Lower Upper

42 100

72 5.2 34.5 51.7#

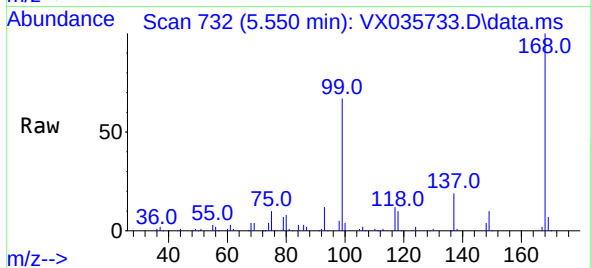
71 0.0 32.1 48.1#



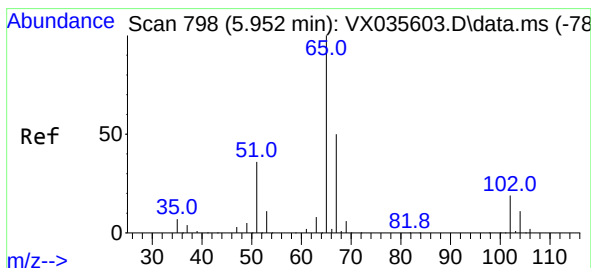
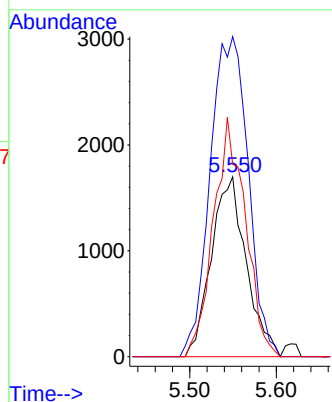
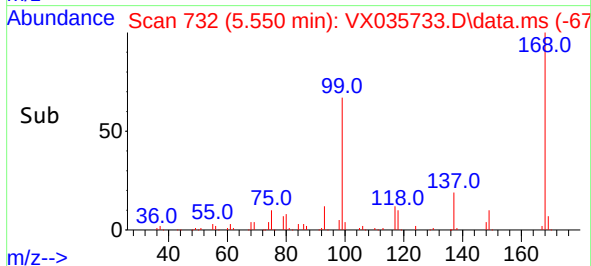


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :

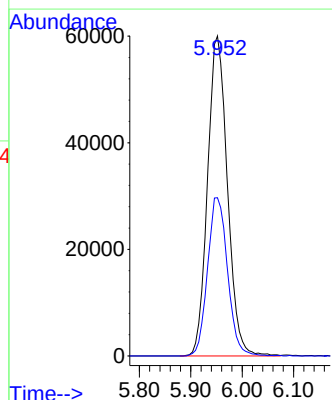
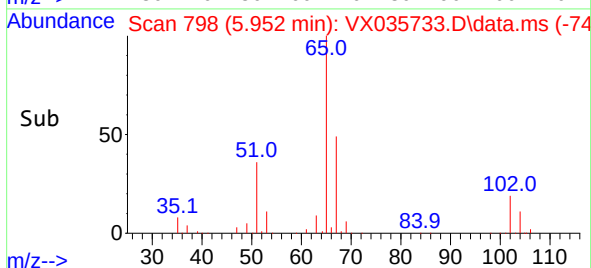
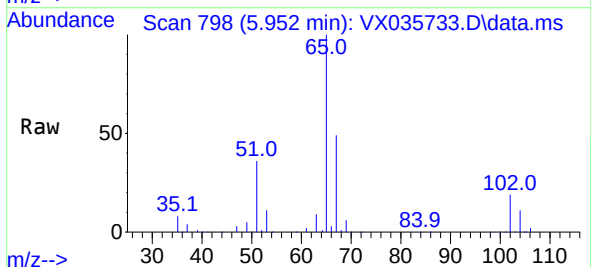


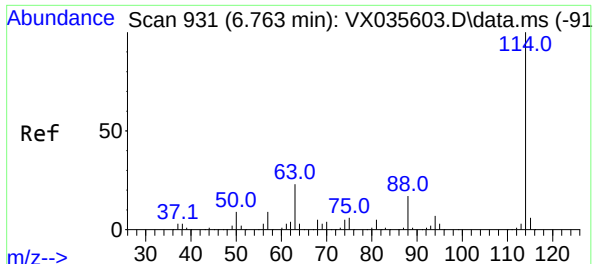
Tgt Ion: 56 Resp: 4751
Ion Ratio Lower Upper
56 100
69 177.9 23.7 35.5#
84 106.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.906 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Tgt Ion: 65 Resp: 161039
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX035733.D

Acq: 18 May 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

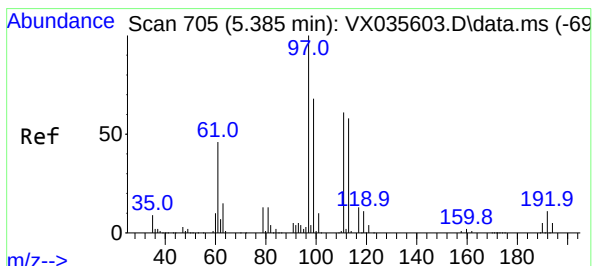
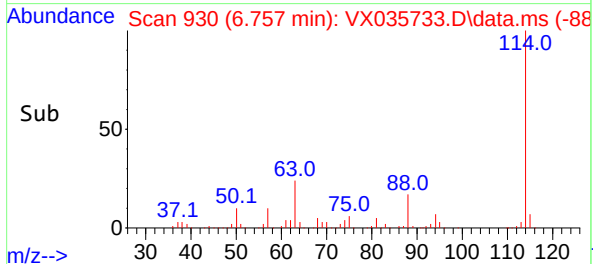
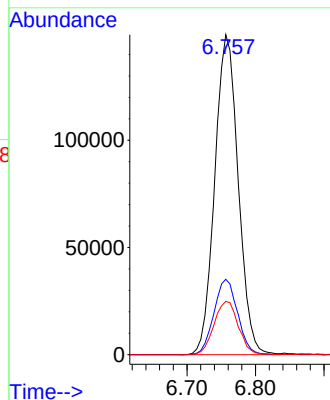
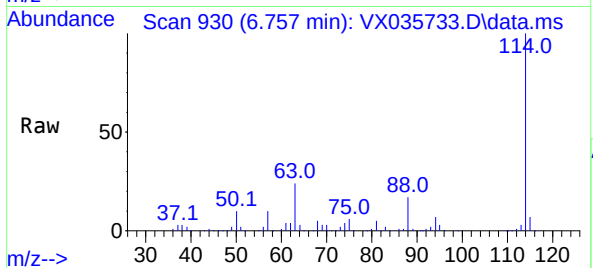
Tgt Ion:114 Resp: 354621

Ion Ratio Lower Upper

114 100

63 23.6 0.0 42.2

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.329 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX035733.D

Acq: 18 May 2023 10:57

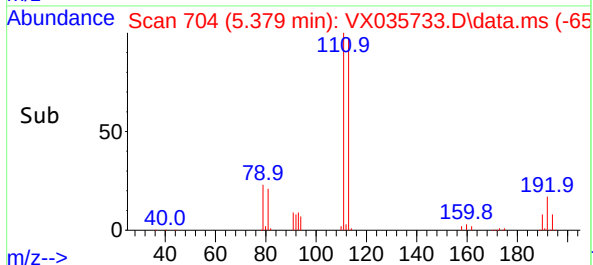
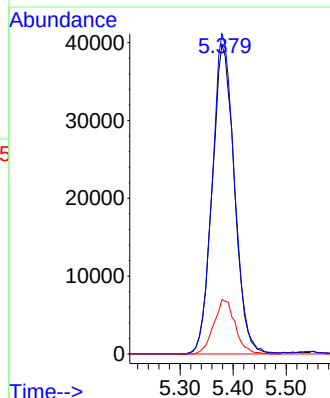
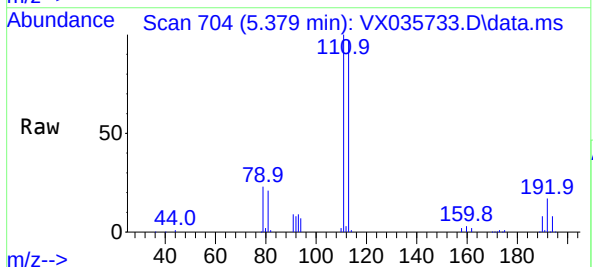
Tgt Ion:113 Resp: 115582

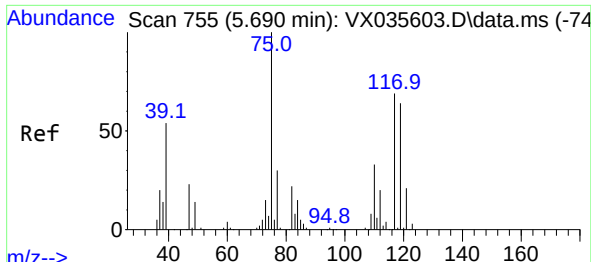
Ion Ratio Lower Upper

113 100

111 102.9 83.7 125.5

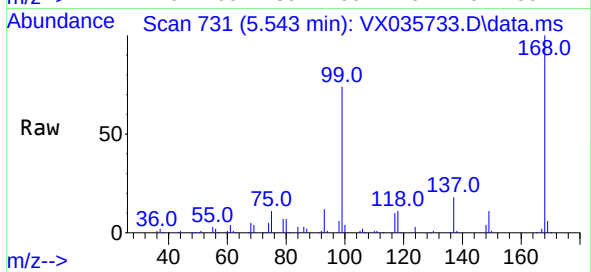
192 16.9 15.4 23.2



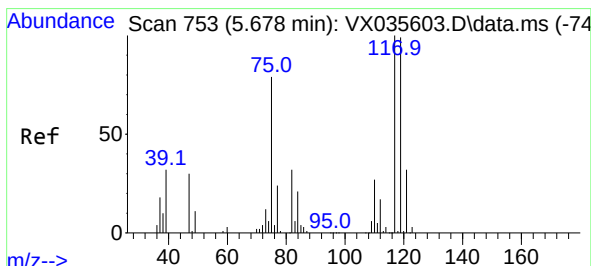
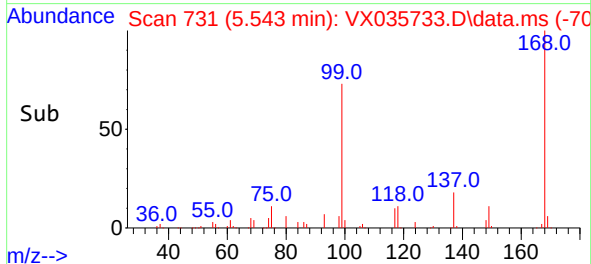
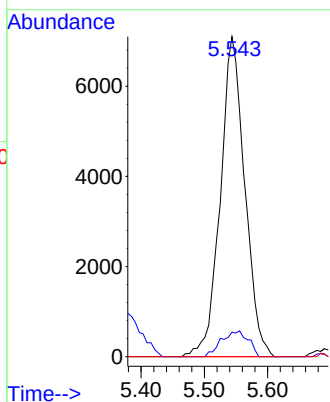


#36
1,1-Dichloropropene
Concen: 5.042 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :

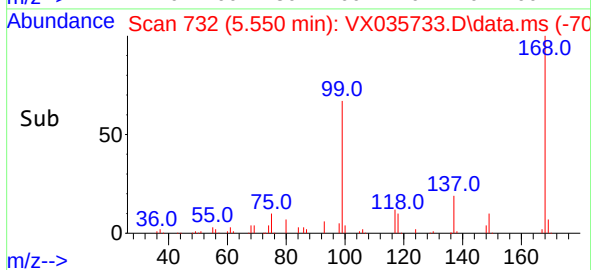
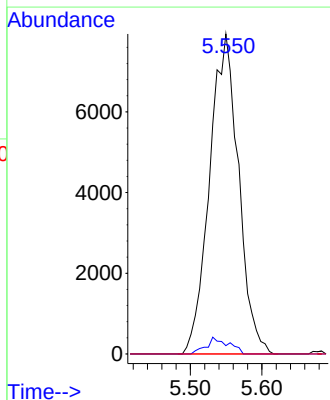
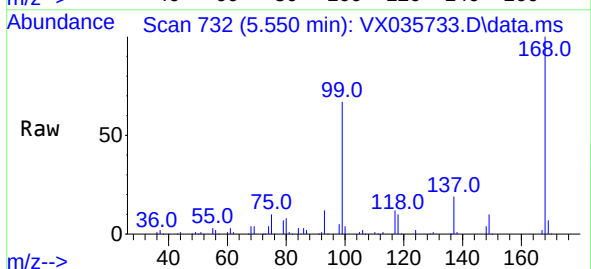


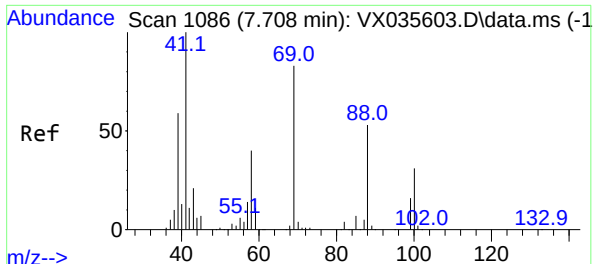
Tgt Ion: 75 Resp: 19034
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.249 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Tgt Ion: 117 Resp: 22347
Ion Ratio Lower Upper
117 100
119 2.6 76.6 114.8#
121 0.0 23.8 35.6#

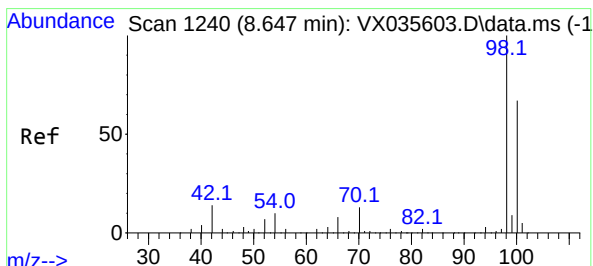
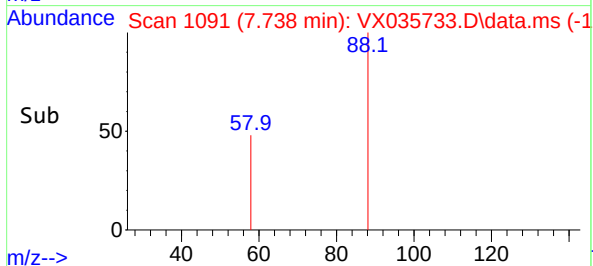
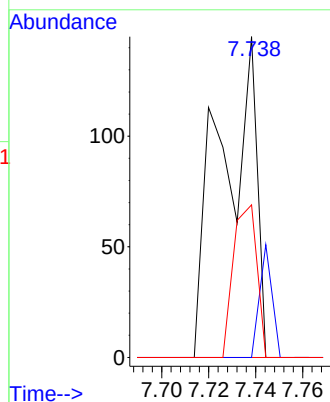
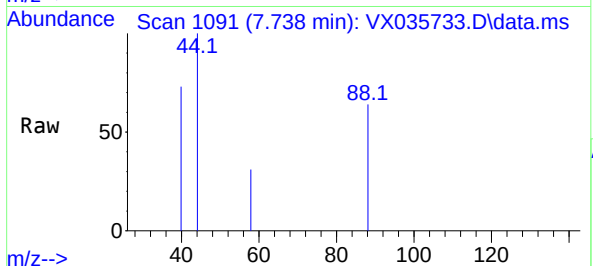




#49
1,4-Dioxane
Concen: 4.009 ug/l
RT: 7.738 min Scan# 1086
Delta R.T. 0.030 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

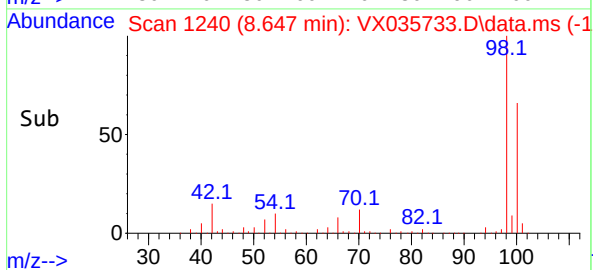
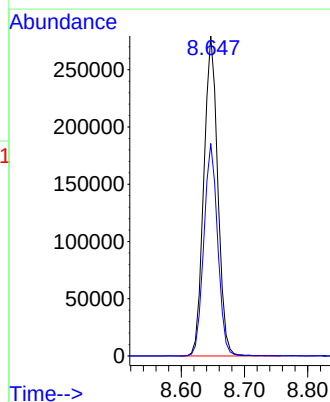
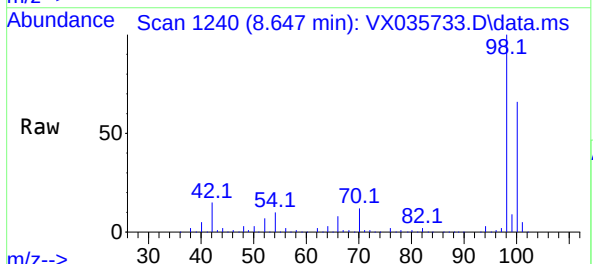
Instrument :
MSVOA_X
ClientSampleId :

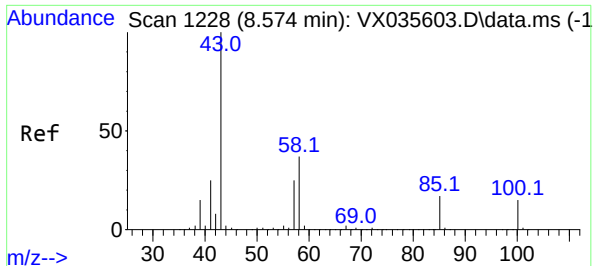
Tgt Ion: 88 Resp: 151
Ion Ratio Lower Upper
88 100
43 12.6 27.7 41.5#
58 31.8 56.8 85.2#



#50
Toluene-d8
Concen: 48.606 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Tgt Ion: 98 Resp: 429438
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.239 ug/l

RT: 8.573 min Scan# 1175

Delta R.T. -0.001 min

Lab File: VX035733.D

Acq: 18 May 2023 10:57

Instrument :

MSVOA_X

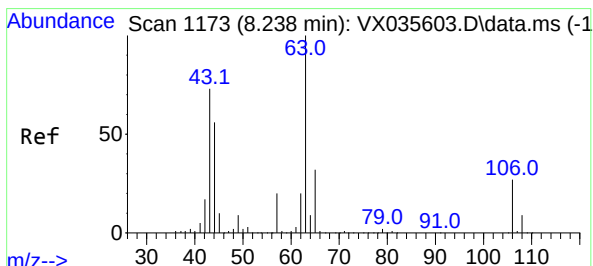
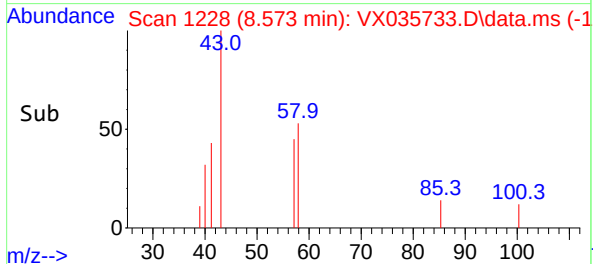
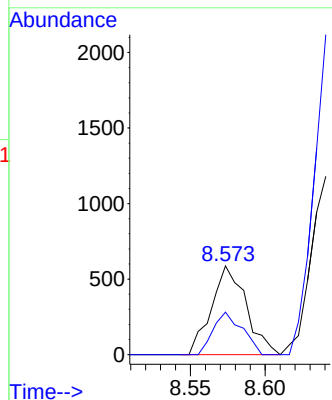
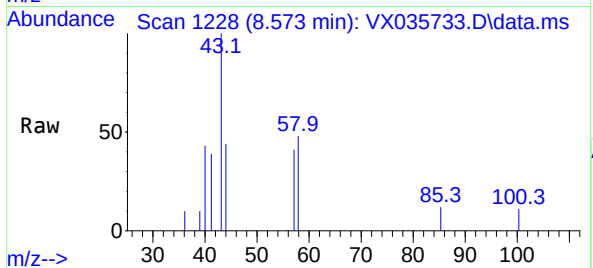
ClientSampleId :

Tgt Ion: 43 Resp: 947

Ion Ratio Lower Upper

43 100

58 40.0 30.6 46.0



#58

2-Chloroethyl Vinyl ether

Concen: 0.267 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.012 min

Lab File: VX035733.D

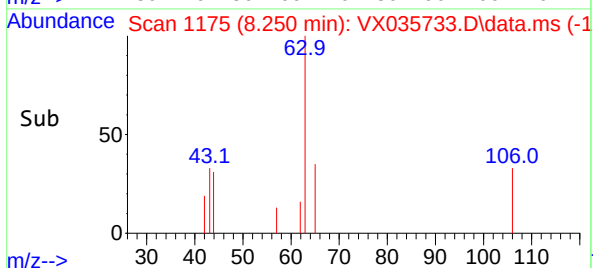
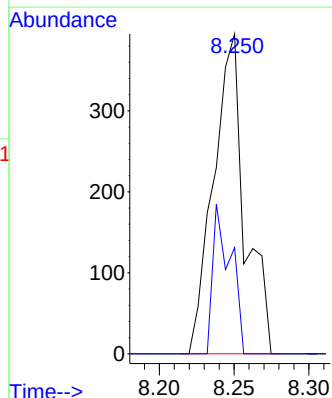
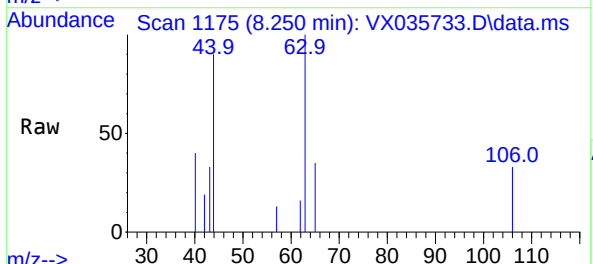
Acq: 18 May 2023 10:57

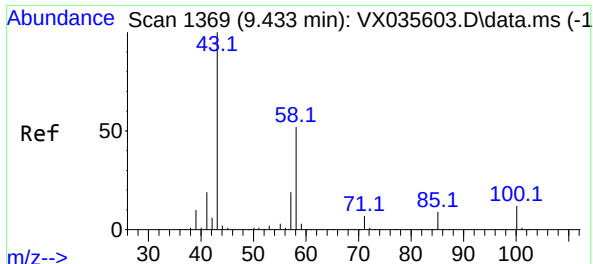
Tgt Ion: 63 Resp: 576

Ion Ratio Lower Upper

63 100

106 26.7 22.2 33.2

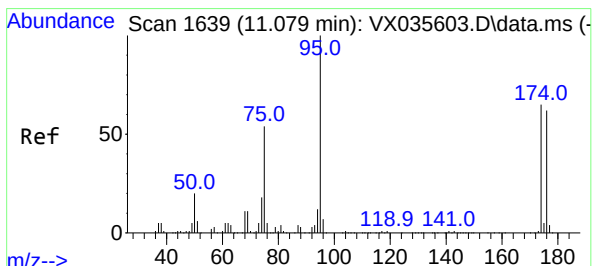
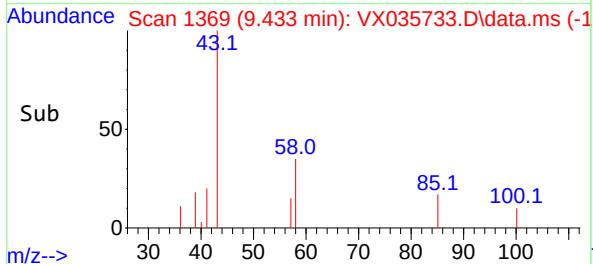
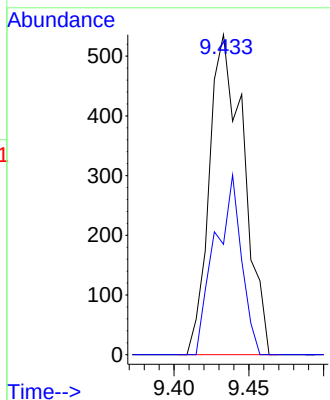
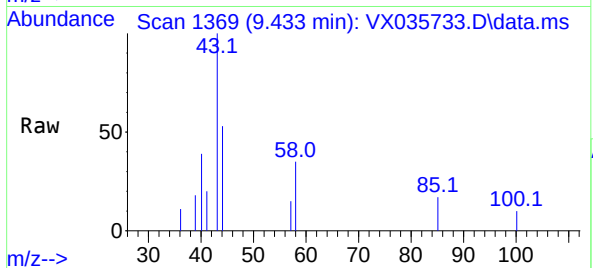




#59
2-Hexanone
Concen: 0.287 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

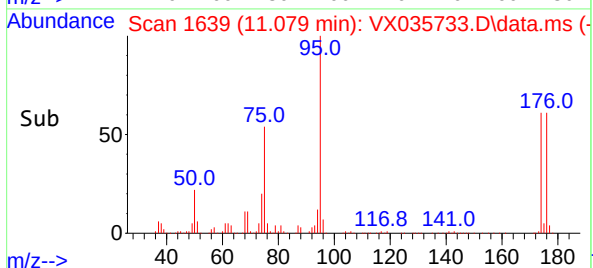
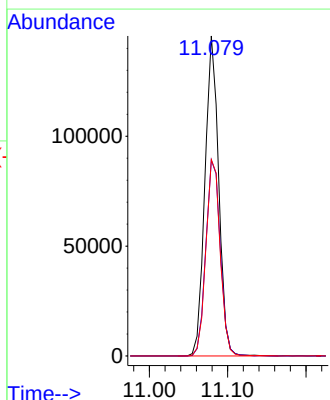
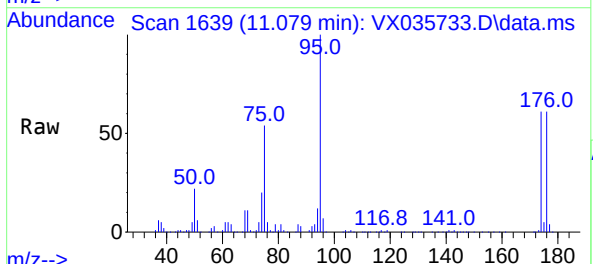
Instrument :
MSVOA_X
ClientSampleId :

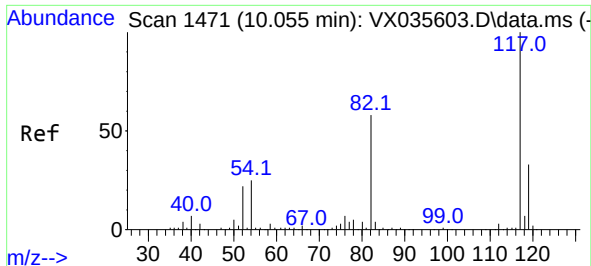
Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
58 43.2 26.3 78.9



#62
4-Bromofluorobenzene
Concen: 49.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Tgt Ion: 95 Resp: 176948
Ion Ratio Lower Upper
95 100
174 64.7 0.0 147.4
176 63.7 0.0 140.6

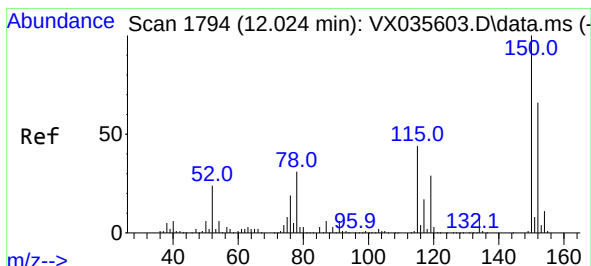
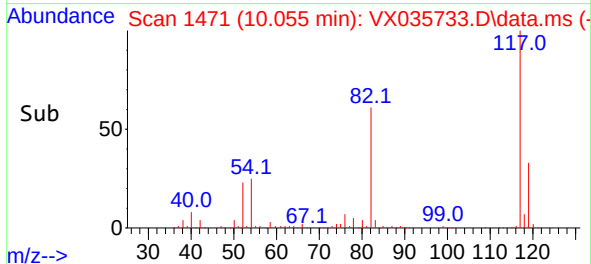
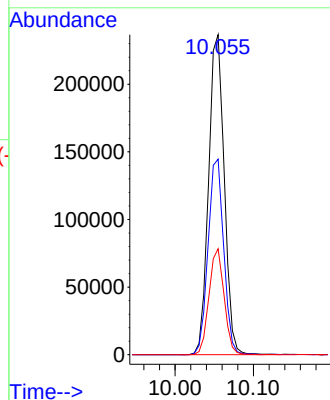
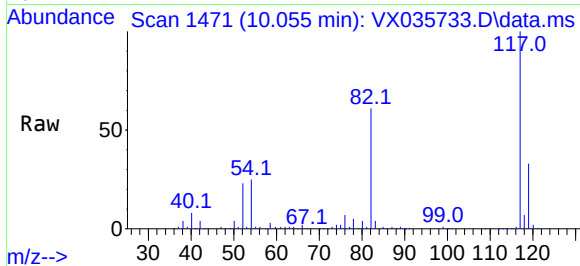




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

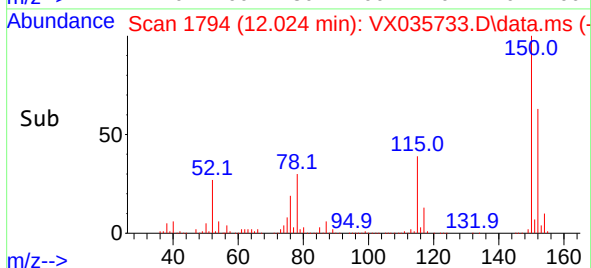
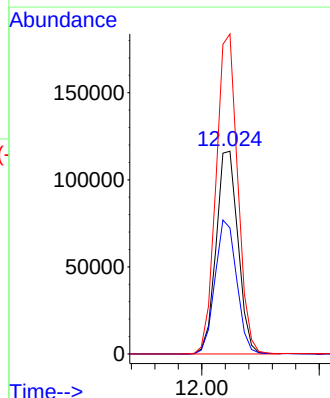
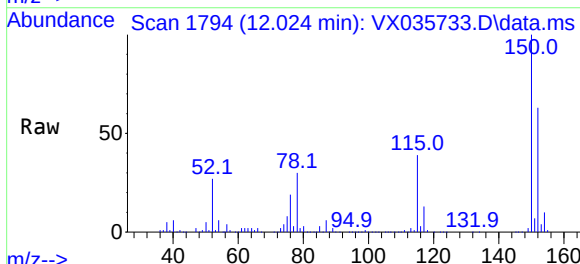
Instrument :
MSVOA_X
ClientSampleId :

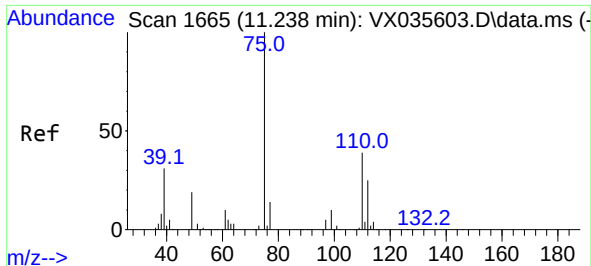
Tgt Ion:117 Resp: 328106
Ion Ratio Lower Upper
117 100
82 61.1 45.0 67.4
119 33.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Tgt Ion:152 Resp: 150990
Ion Ratio Lower Upper
152 100
115 65.5 45.0 135.0
150 155.9 0.0 352.4

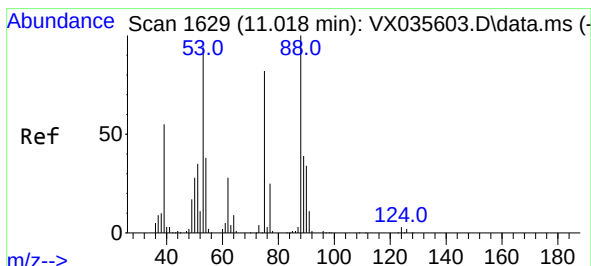
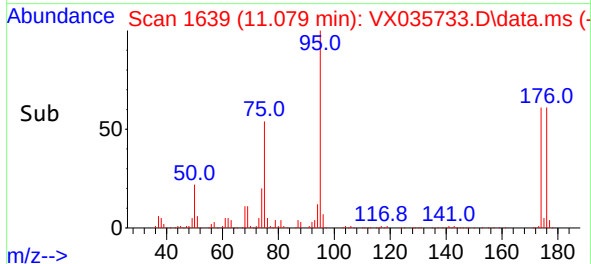
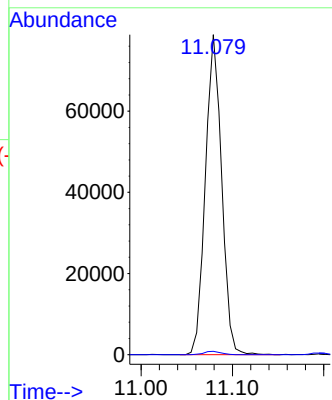
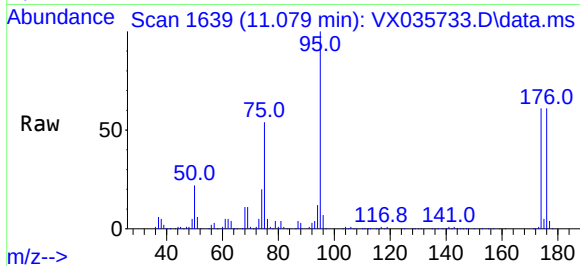




#76
1,2,3-Trichloropropane
Concen: 26.299 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

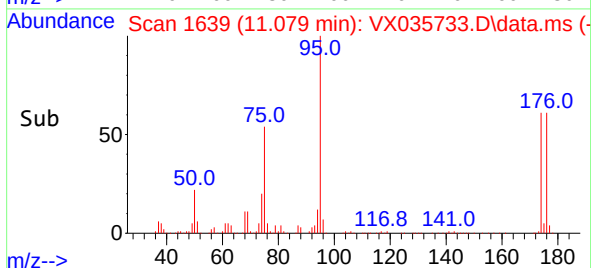
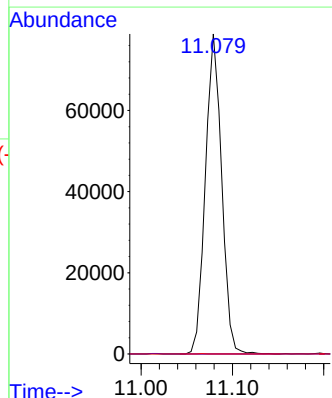
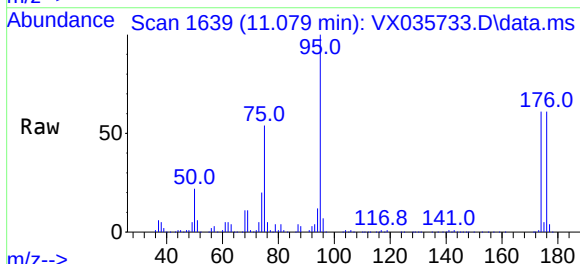
Instrument :
MSVOA_X
ClientSampleId :

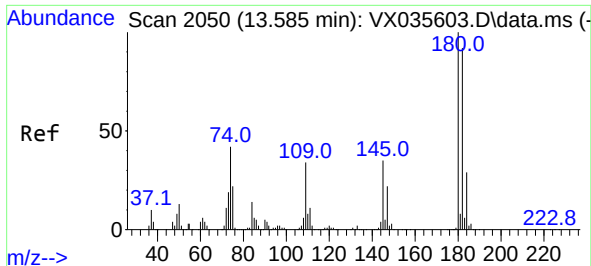
Tgt Ion: 75 Resp: 97130
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.759 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

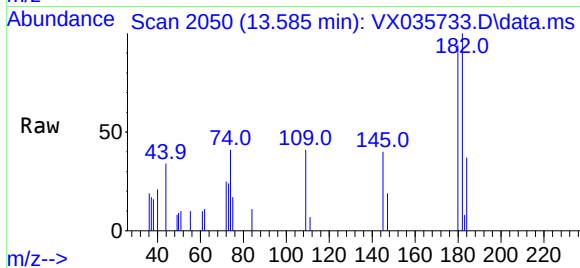
Tgt Ion: 75 Resp: 97130
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



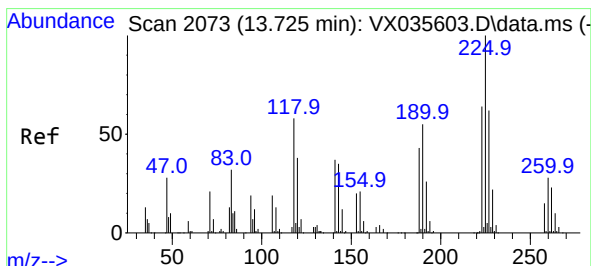
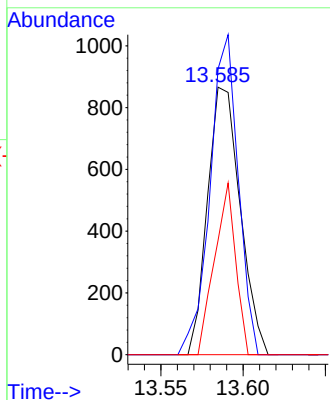
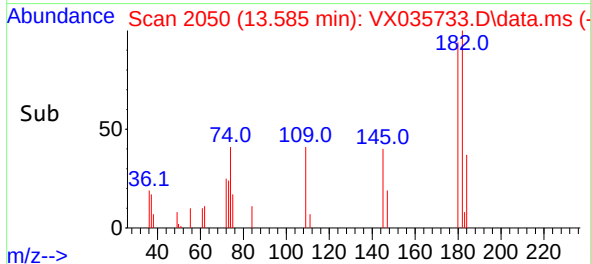


#93
1,2,4-Trichlorobenzene
Concen: 0.371 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

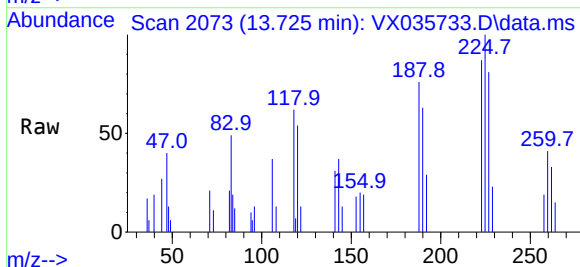
Instrument :
MSVOA_X
ClientSampleId :



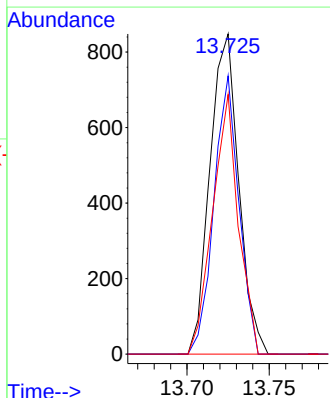
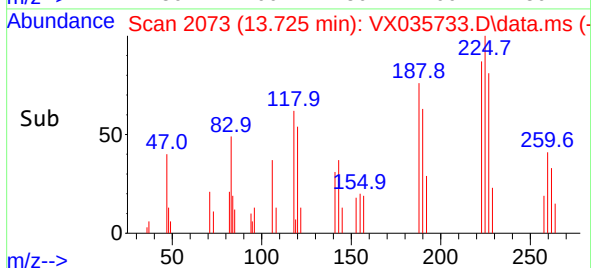
Tgt Ion:180 Resp: 1199
Ion Ratio Lower Upper
180 100
182 103.1 47.0 141.0
145 41.2 15.9 47.7

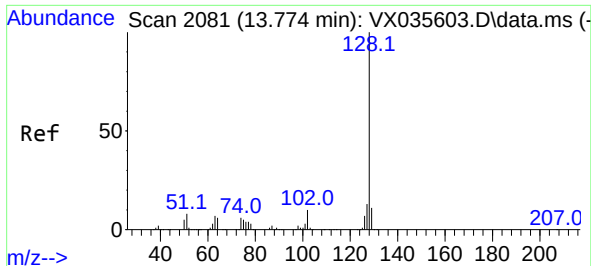


#94
Hexachlorobutadiene
Concen: 0.805 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57



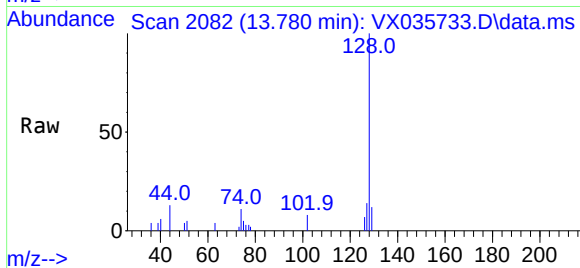
Tgt Ion:225 Resp: 1034
Ion Ratio Lower Upper
225 100
223 75.2 32.1 96.5
227 72.4 31.8 95.4





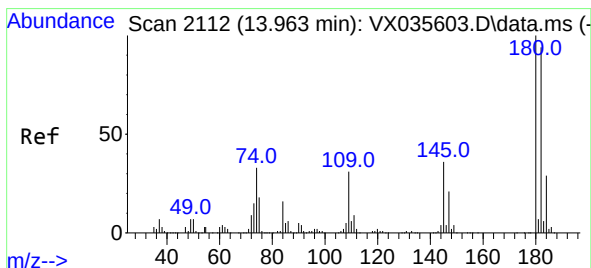
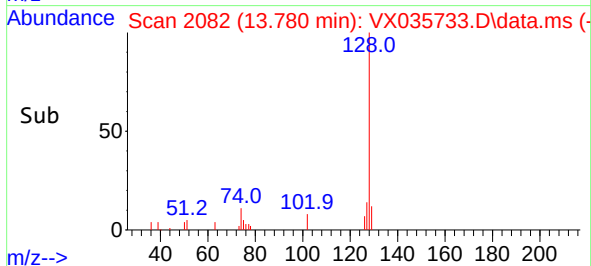
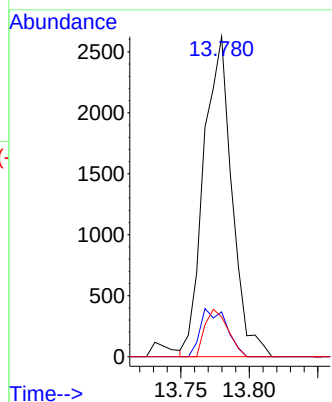
#95
Naphthalene
Concen: 0.339 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 3759

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.4
129	12.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.434 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035733.D
Acq: 18 May 2023 10:57

Tgt Ion:180 Resp: 1380

Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	32.7	17.7	53.1

