

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035531.D
 Acq On : 05 May 2023 13:19
 Operator : JC/MD
 Sample : 02615-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-1

Quant Time: May 08 00:50:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

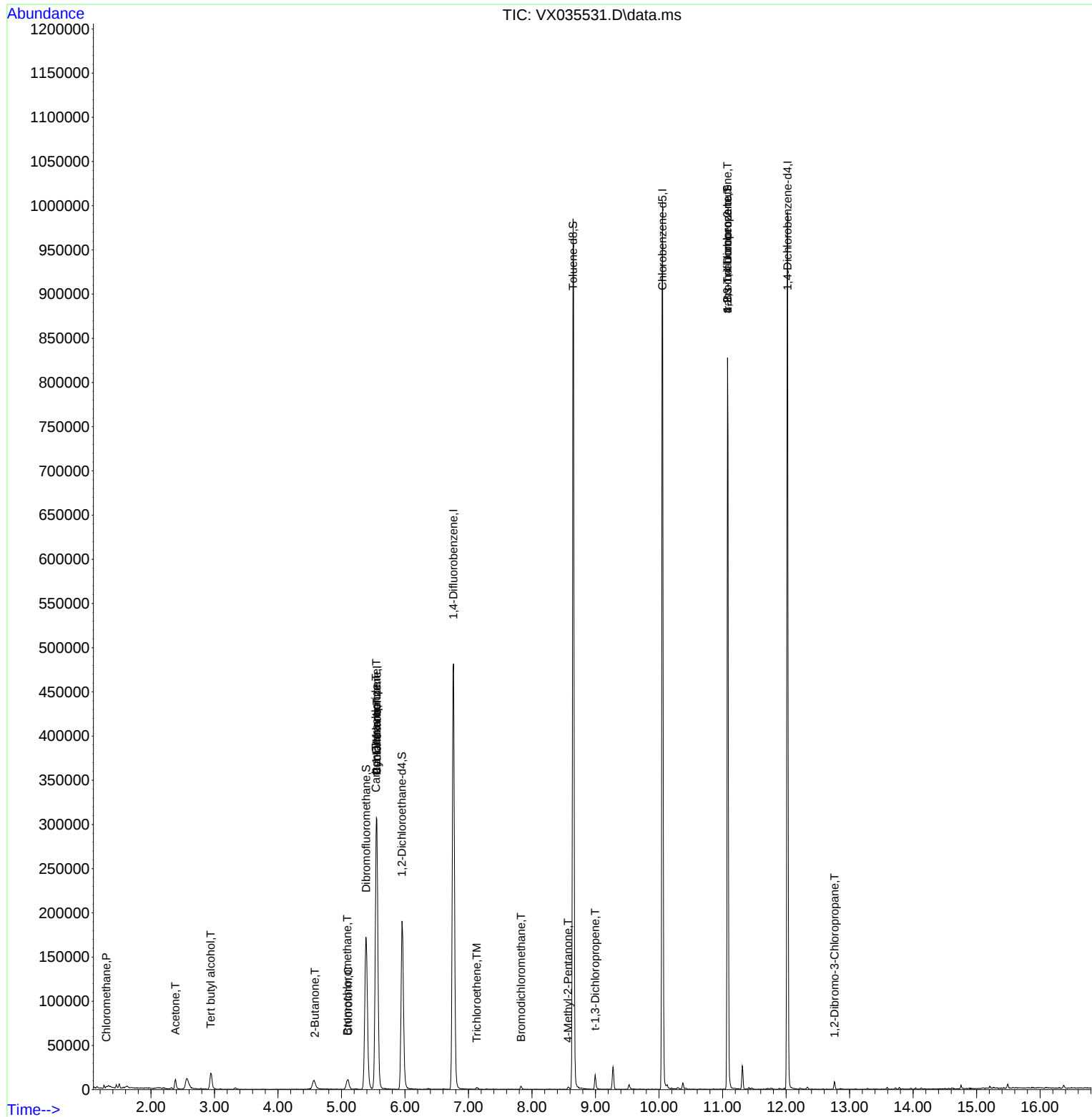
Internal Standards						
1) Pentafluorobenzene	5.555	168	301680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	502551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180686	49.645	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	99.280%	
35) Dibromofluoromethane	5.385	113	155271	50.339	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.680%	
50) Toluene-d8	8.646	98	593917	51.042	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.080%	
62) 4-Bromofluorobenzene	11.079	95	228863	52.286	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	104.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	780	0.269	ug/l #	87
11) Tert butyl alcohol	2.940	59	12397	18.707	ug/l #	78
16) Acetone	2.385	43	12384	7.834	ug/l #	85
25) 2-Butanone	4.580	43	1511	0.655	ug/l #	75
28) Bromochloromethane	5.092	49	1059	0.432	ug/l #	15
30) Chloroform	5.104	83	13431	2.315	ug/l	98
31) Cyclohexane	5.555	56	5944	1.151	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	23278	4.833	ug/l #	50
38) Carbon Tetrachloride	5.543	117	29789	6.515	ug/l #	15
44) Trichloroethene	7.128	130	916	0.241	ug/l	98
47) Bromodichloromethane	7.829	83	2382	0.540	ug/l #	82
51) 4-Methyl-2-Pentanone	8.567	43	3118	0.687	ug/l #	37
53) t-1,3-Dichloropropene	8.994	75	1132	0.246	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	112099	25.718	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	112099	83.295	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	12.762	75	256	0.258	ug/l #	5

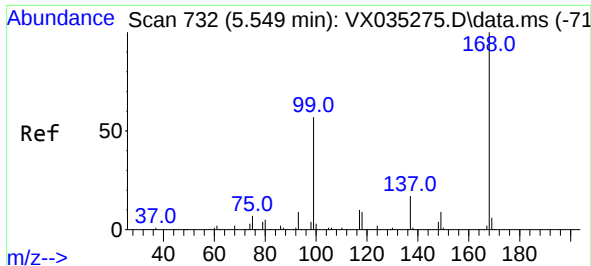
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 08 00:50:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

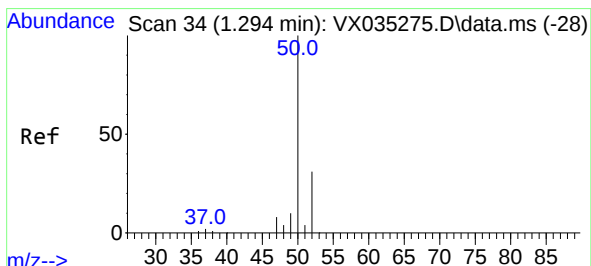
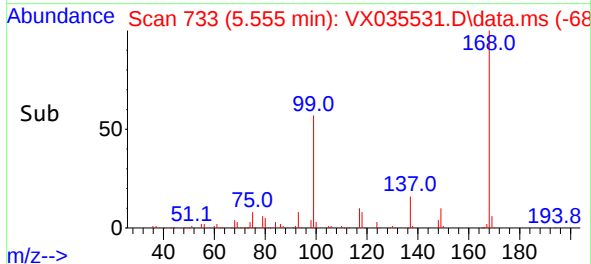
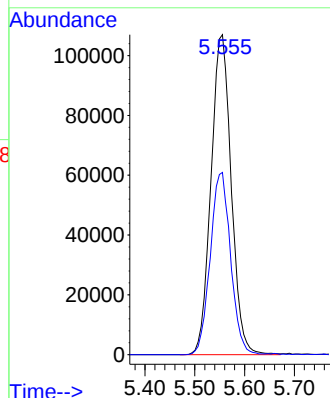
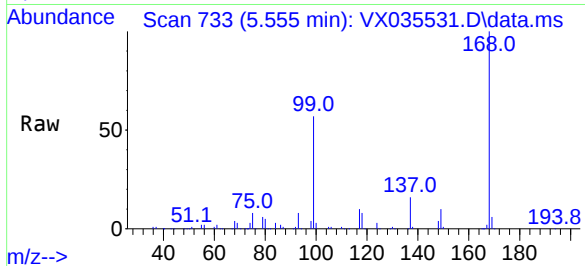




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

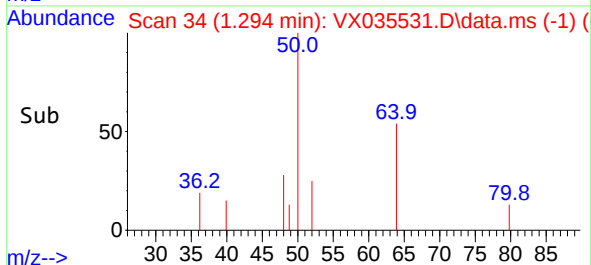
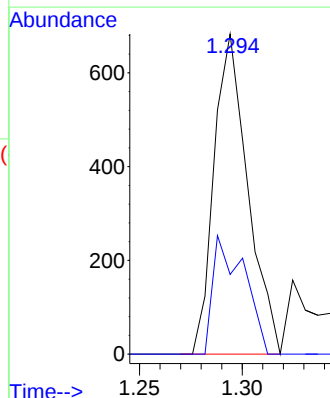
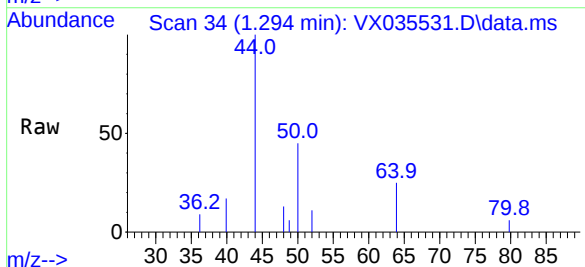
Instrument :
MSVOA_X
ClientSampleId :
001-1

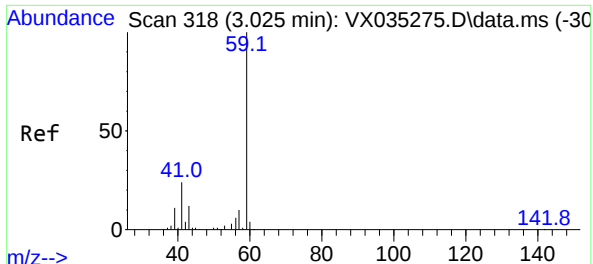
Tgt Ion:168 Resp: 301680
Ion Ratio Lower Upper
168 100
99 56.9 45.7 68.5



#3
Chloromethane
Concen: 0.269 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Tgt Ion: 50 Resp: 780
Ion Ratio Lower Upper
50 100
52 24.9 25.9 38.9#





#11

Tert butyl alcohol

Concen: 18.707 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.085 min

Lab File: VX035531.D

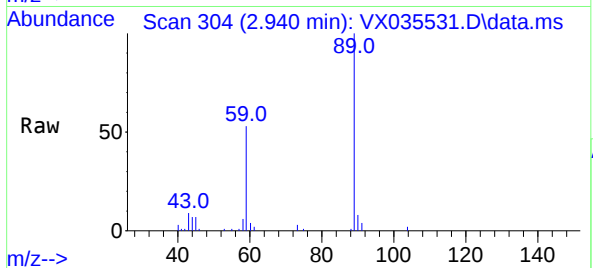
Acq: 05 May 2023 13:19

Instrument :

MSVOA_X

ClientSampleId :

001-1

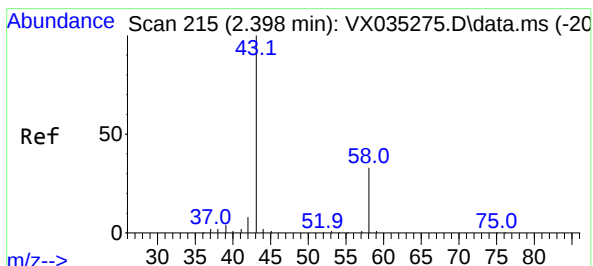
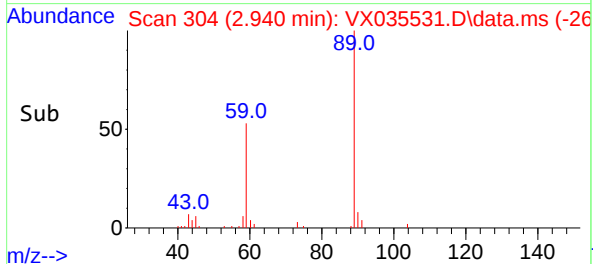
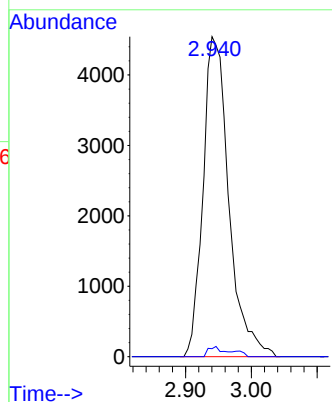


Tgt Ion: 59 Resp: 12397

Ion Ratio Lower Upper

59 100

57 1.8 8.1 12.1#



#16

Acetone

Concen: 7.834 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.013 min

Lab File: VX035531.D

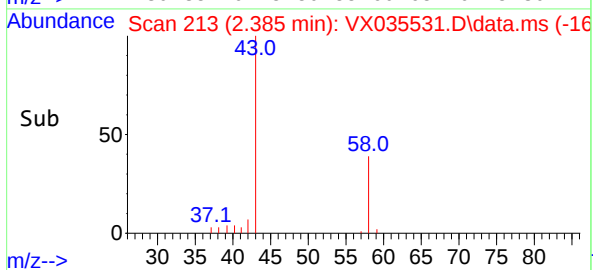
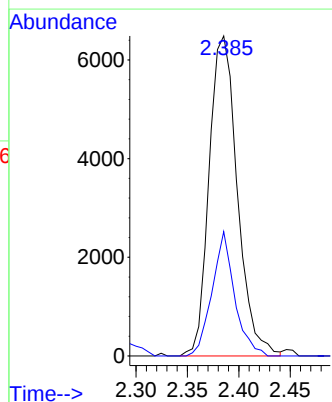
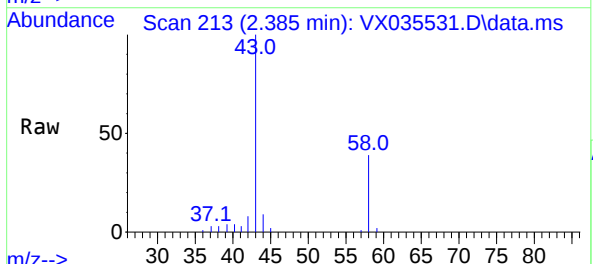
Acq: 05 May 2023 13:19

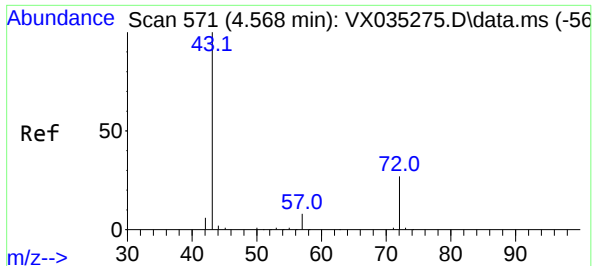
Tgt Ion: 43 Resp: 12384

Ion Ratio Lower Upper

43 100

58 38.9 24.7 37.1#

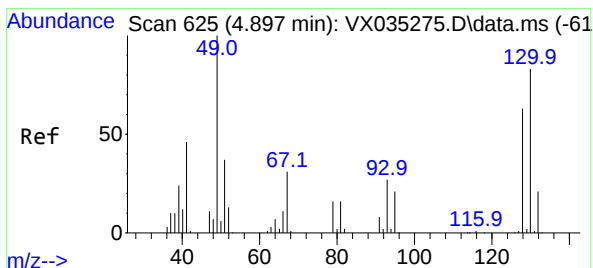
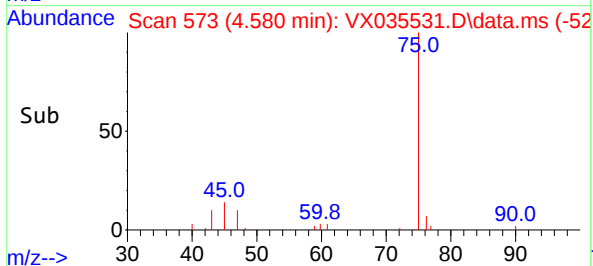
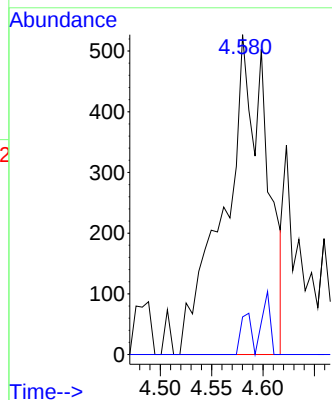
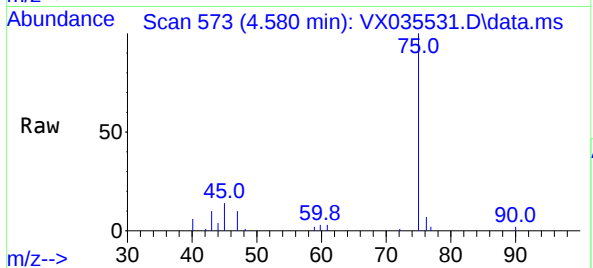




#25
2-Butanone
Concen: 0.655 ug/l
RT: 4.580 min Scan# 511
Delta R.T. 0.012 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

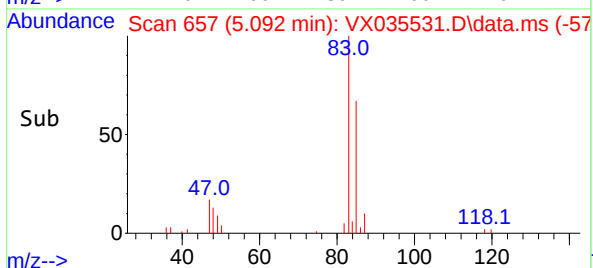
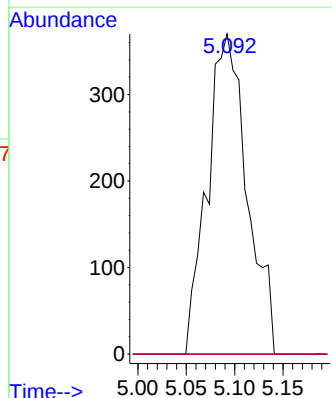
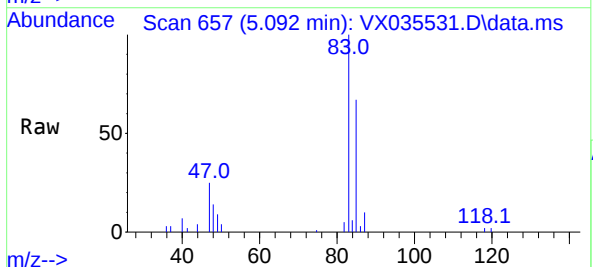
Instrument :
MSVOA_X
ClientSampleId :
001-1

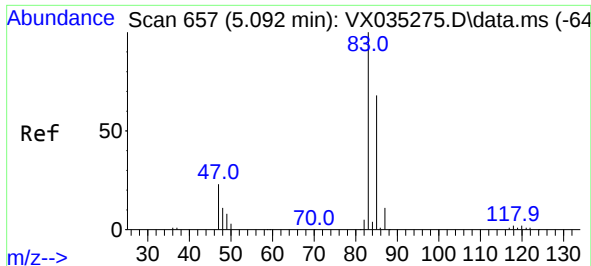
Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
72 11.8 19.3 28.9#



#28
Bromochloromethane
Concen: 0.432 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.195 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Tgt Ion: 49 Resp: 1059
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 58.2 87.2#

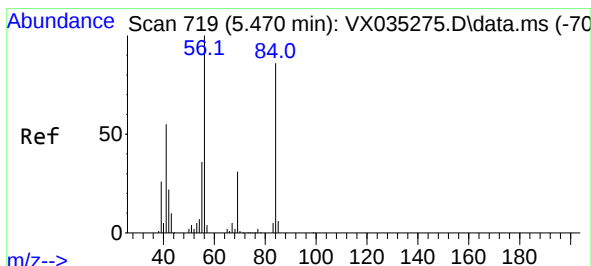
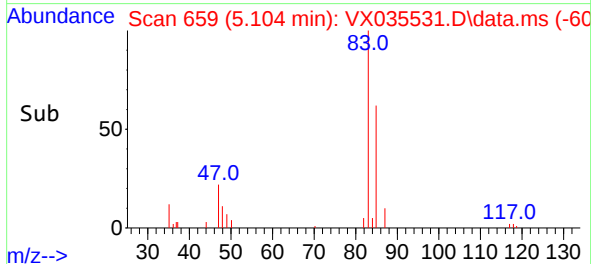
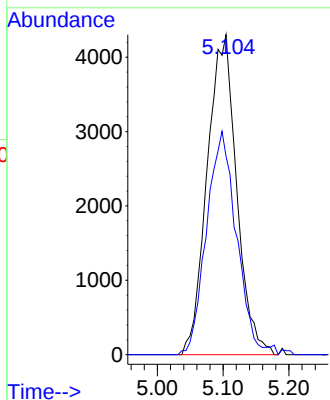
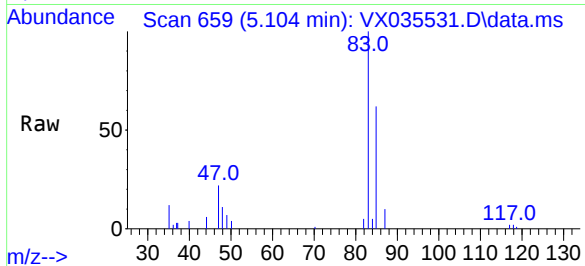




#30
Chloroform
Concen: 2.315 ug/l
RT: 5.104 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

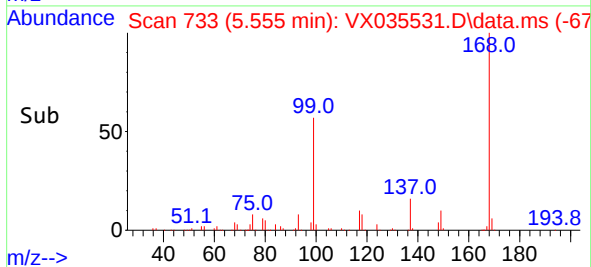
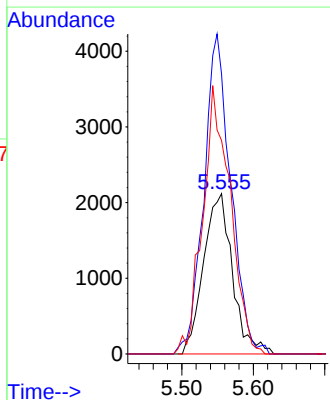
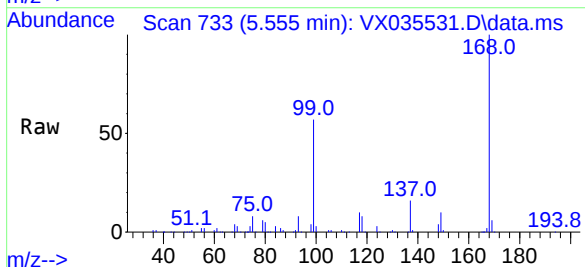
Instrument :
MSVOA_X
ClientSampleId :
001-1

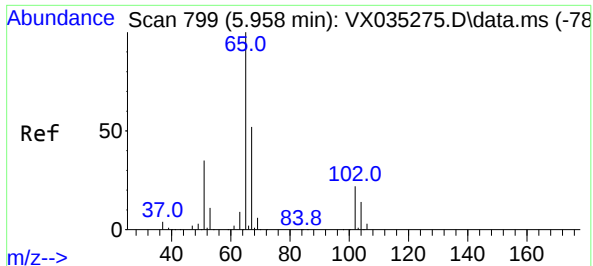
Tgt Ion: 83 Resp: 13431
Ion Ratio Lower Upper
83 100
85 62.0 50.6 76.0



#31
Cyclohexane
Concen: 1.151 ug/l
RT: 5.555 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Tgt Ion: 56 Resp: 5944
Ion Ratio Lower Upper
56 100
69 174.5 23.7 35.5#
84 133.1 68.5 102.7#

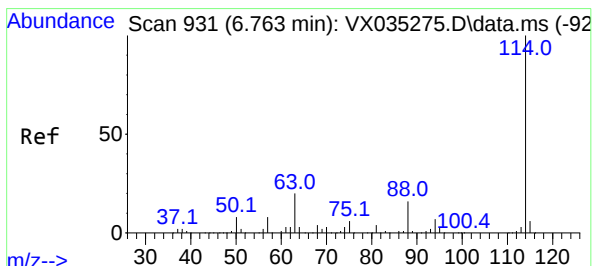
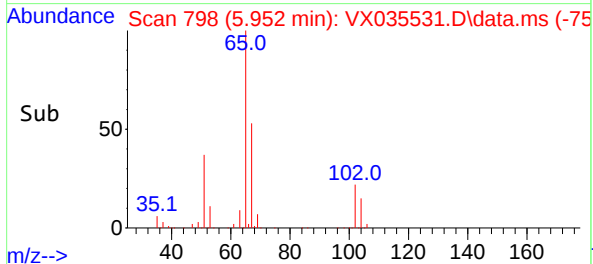
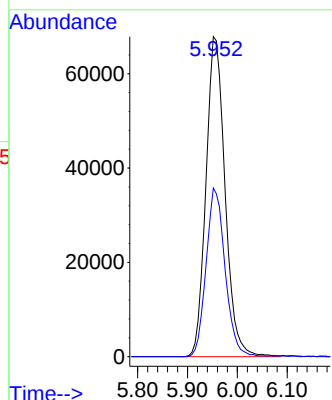
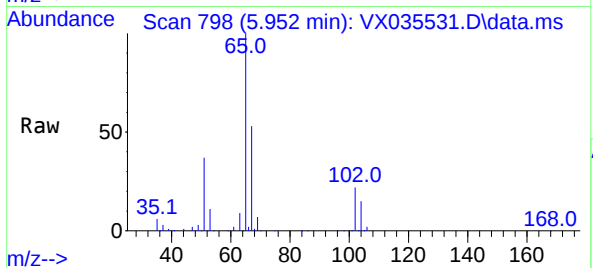




#33
1,2-Dichloroethane-d4
Concen: 49.645 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

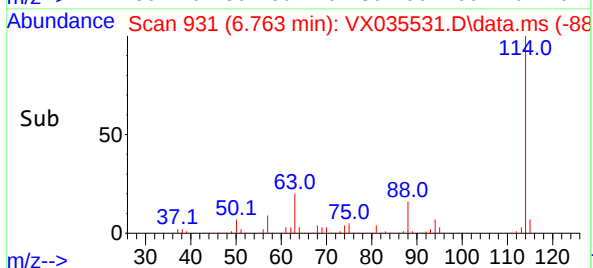
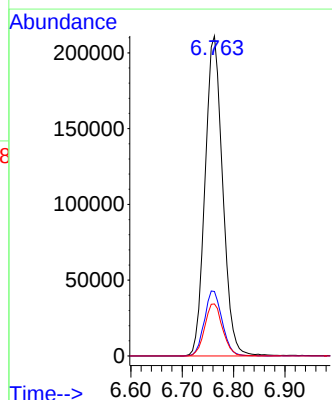
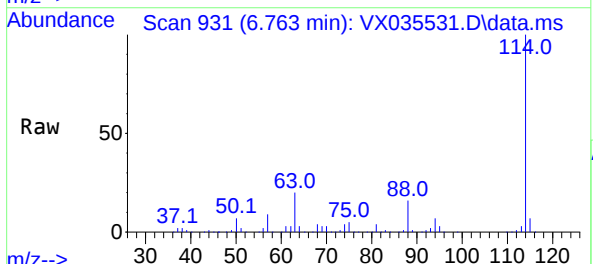
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ClientSampleId :
001-1

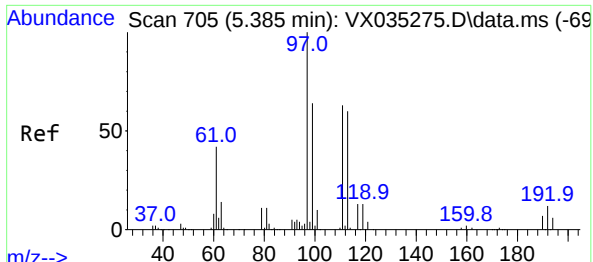
Tgt Ion: 65 Resp: 180686
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Tgt Ion: 114 Resp: 502551
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.2
88 16.3 0.0 33.2

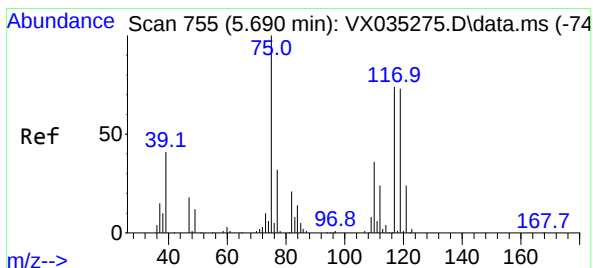
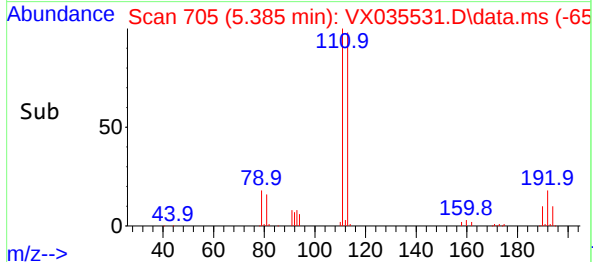
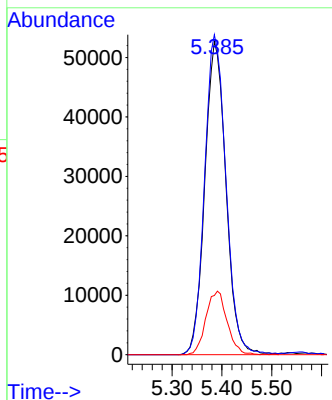
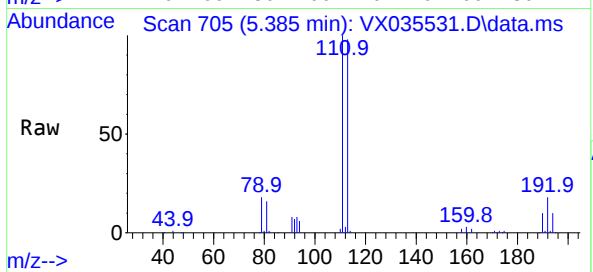




#35
Dibromofluoromethane
Concen: 50.339 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

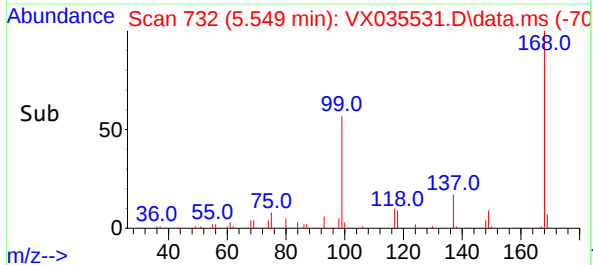
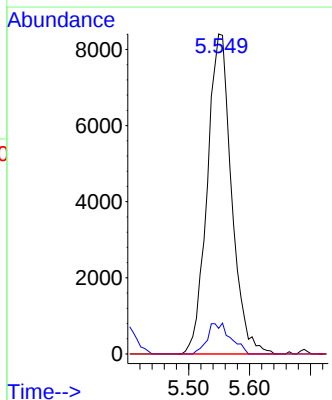
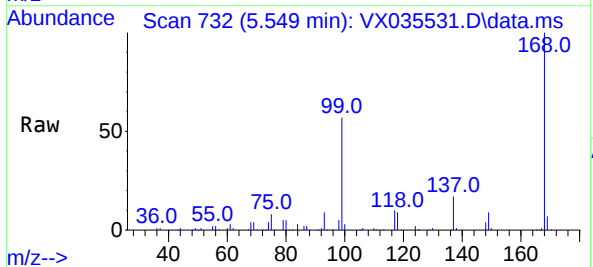
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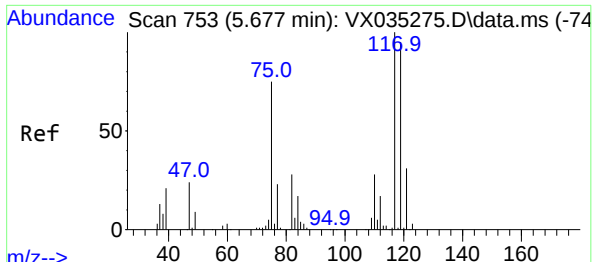
Tgt Ion:113 Resp: 155271
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 20.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.833 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

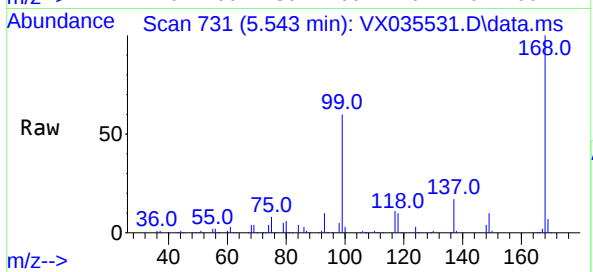
Tgt Ion: 75 Resp: 23278
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



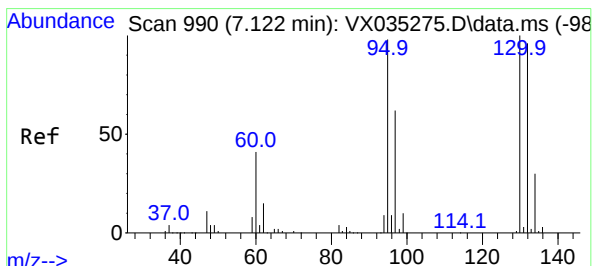
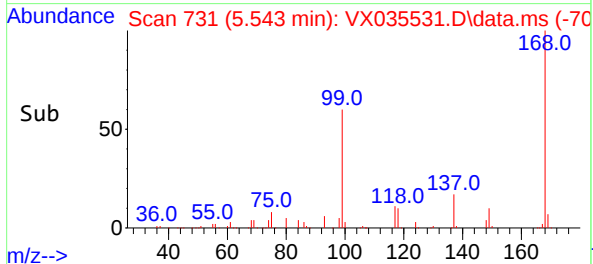
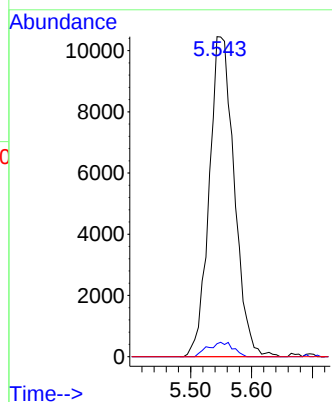


#38
Carbon Tetrachloride
Concen: 6.515 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Instrument :
MSVOA_X
ClientSampleId :
001-1

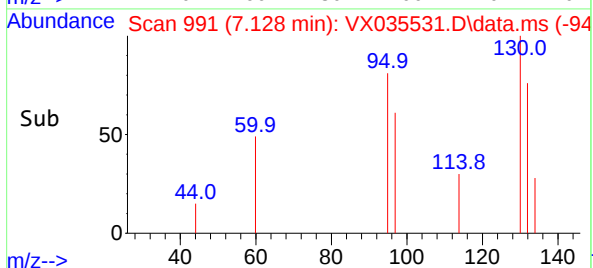
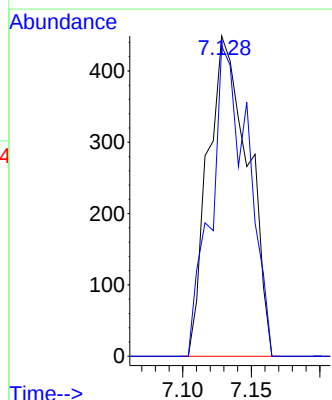
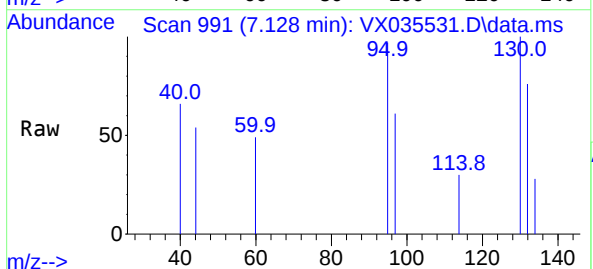


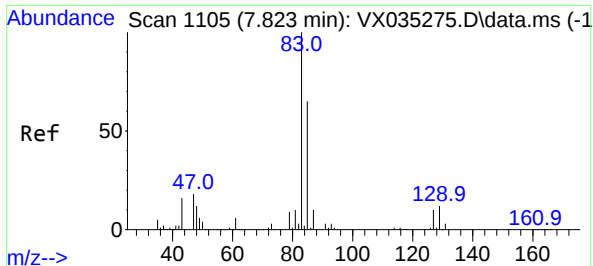
Tgt Ion:117 Resp: 29789
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.241 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Tgt Ion:130 Resp: 916
Ion Ratio Lower Upper
130 100
95 96.9 0.0 198.4

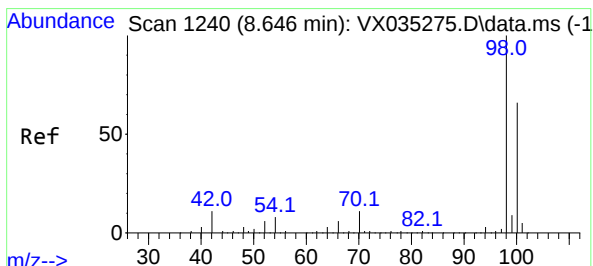
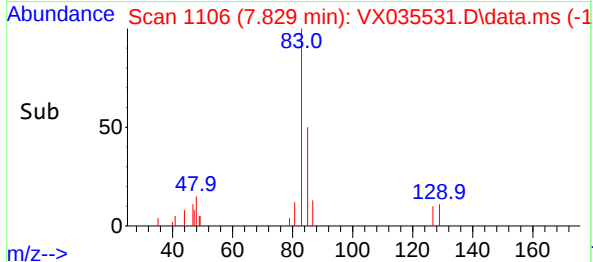
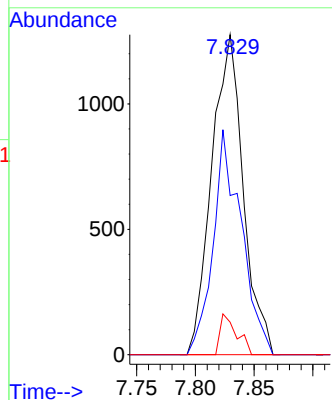
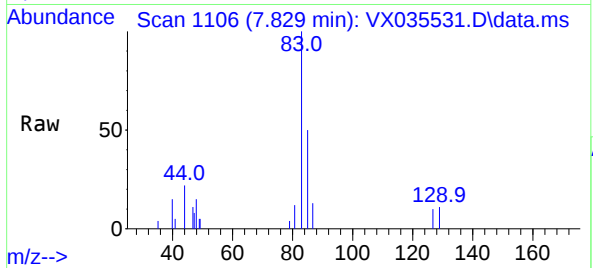




#47
Bromodichloromethane
Concen: 0.540 ug/l
RT: 7.829 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

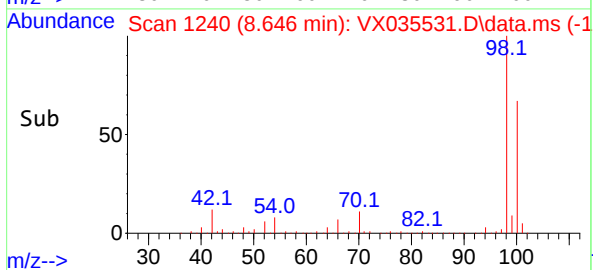
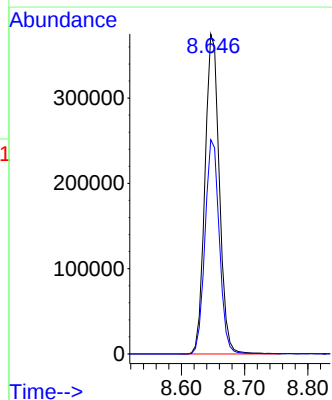
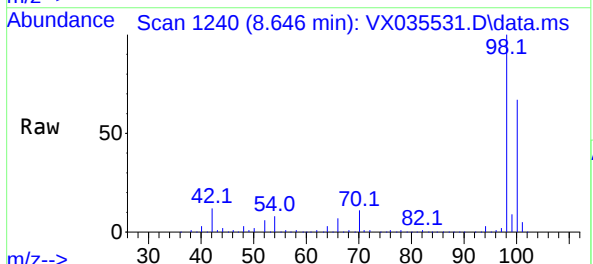
Instrument :
MSVOA_X
ClientSampleId :
001-1

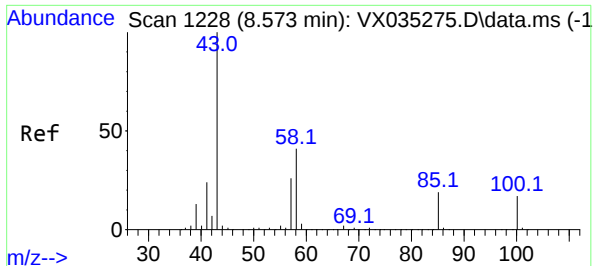
Tgt Ion: 83 Resp: 2382
Ion Ratio Lower Upper
83 100
85 49.8 52.2 78.4#
127 10.2 6.6 9.8#



#50
Toluene-d8
Concen: 51.042 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Tgt Ion: 98 Resp: 593917
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

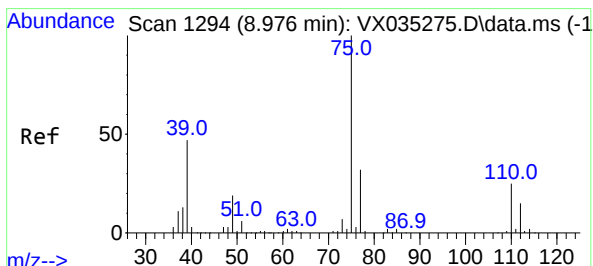
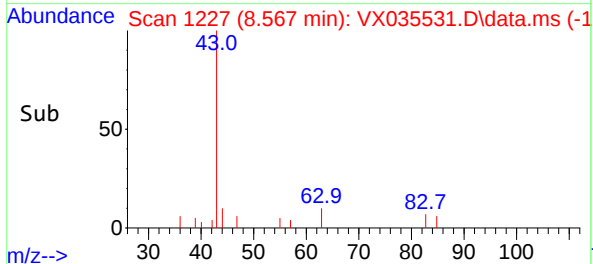
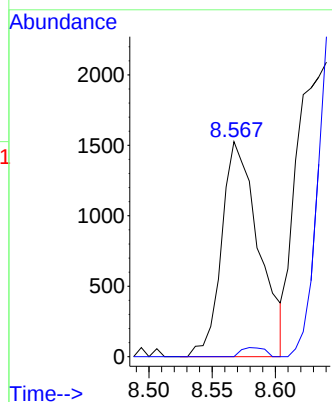
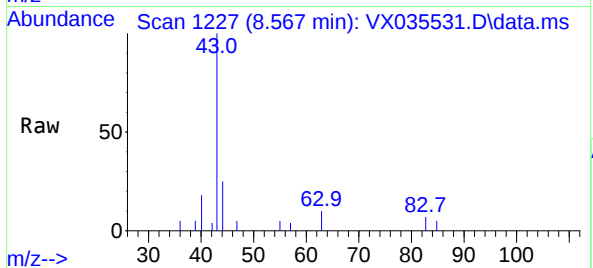




#51
4-Methyl-2-Pentanone
Concen: 0.687 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

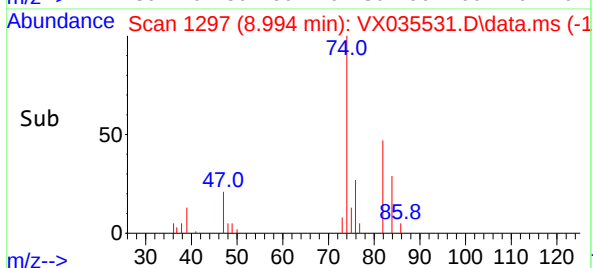
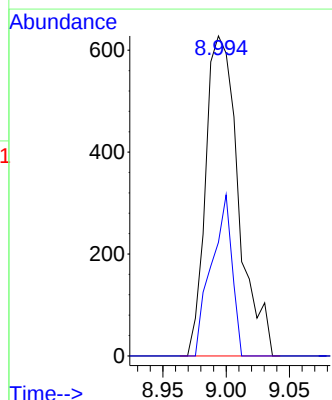
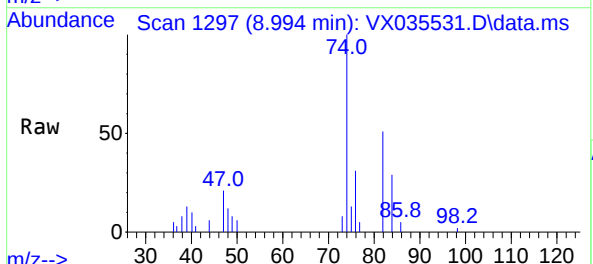
Instrument :
MSVOA_X
ClientSampleId :
001-1

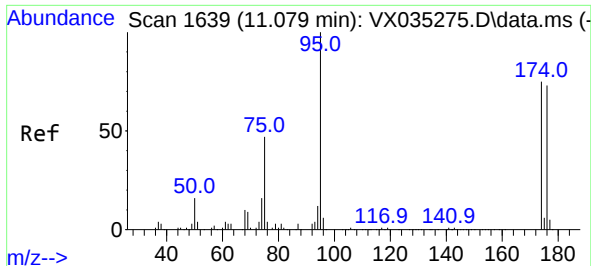
Tgt Ion: 43 Resp: 3118
Ion Ratio Lower Upper
43 100
58 0.0 30.6 46.0#



#53
t-1,3-Dichloropropene
Concen: 0.246 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Tgt Ion: 75 Resp: 1132
Ion Ratio Lower Upper
75 100
77 35.5 25.4 38.2

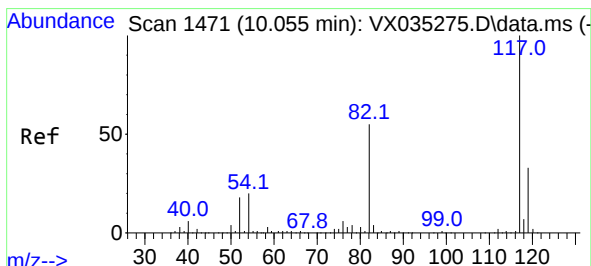
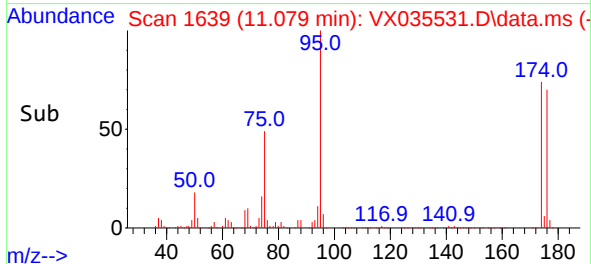
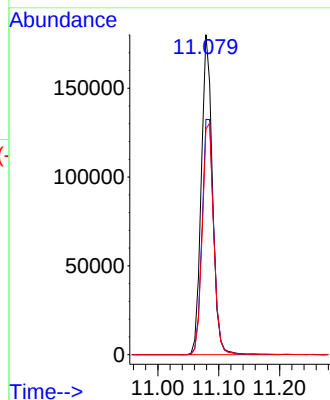
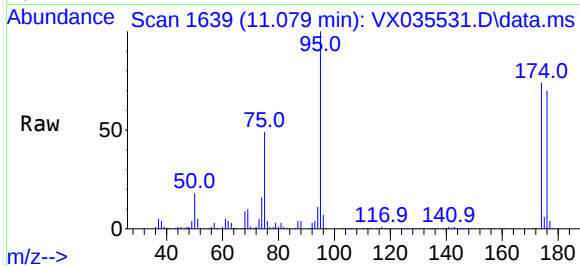




#62
4-Bromofluorobenzene
Concen: 52.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

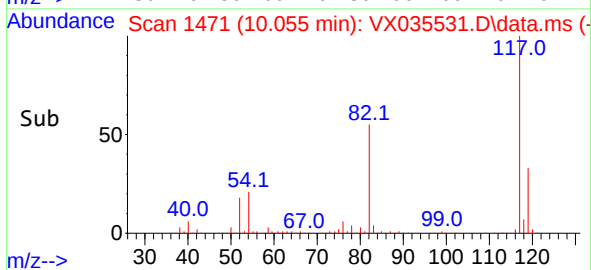
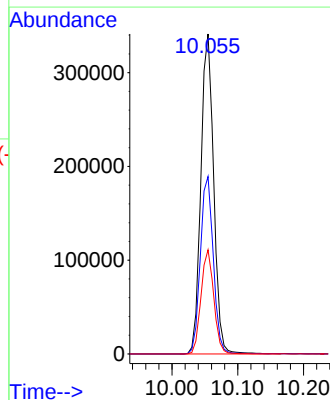
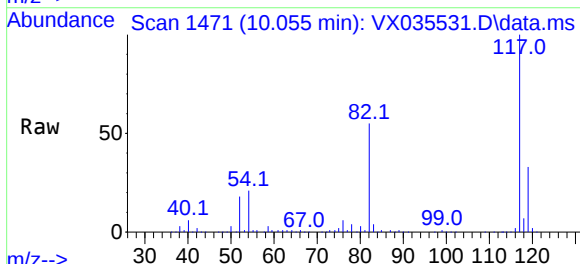
Instrument :
MSVOA_X
ClientSampleId :
001-1

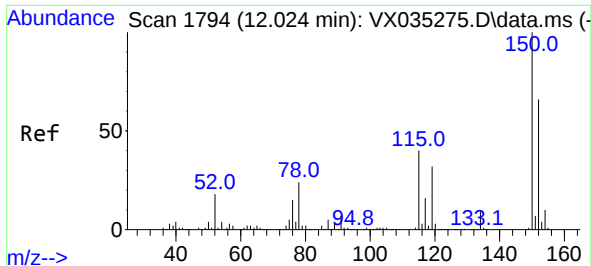
Tgt Ion: 95 Resp: 228863
Ion Ratio Lower Upper
95 100
174 77.1 0.0 147.4
176 74.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Tgt Ion: 117 Resp: 461445
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.6 26.0 39.0

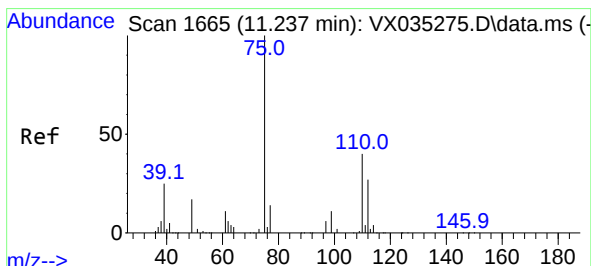
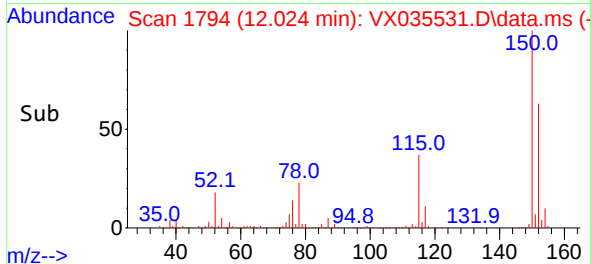
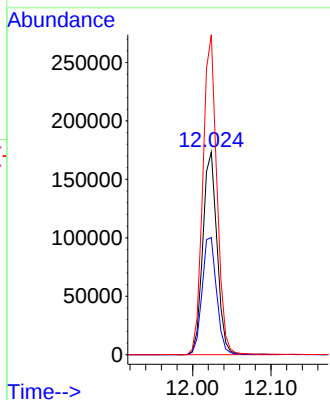
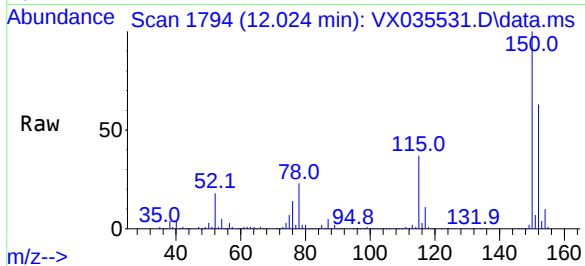




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

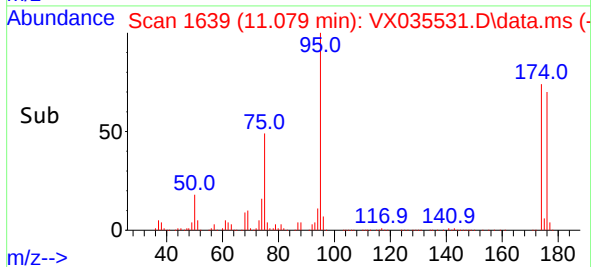
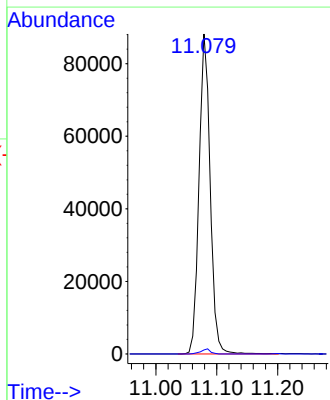
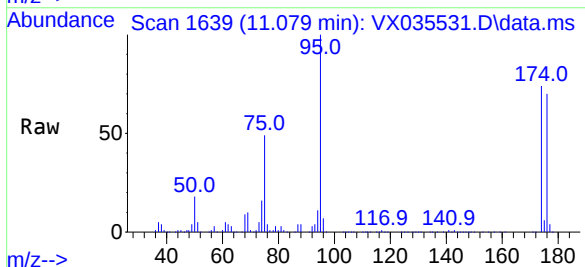
Instrument :
MSVOA_X
ClientSampleId :
001-1

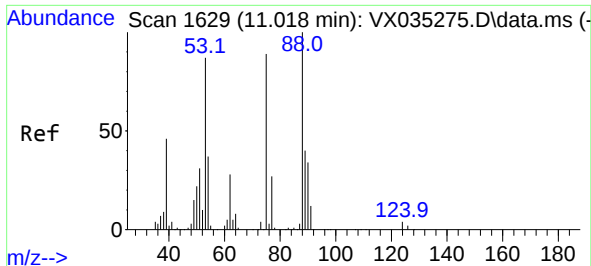
Tgt Ion:152 Resp: 218511
Ion Ratio Lower Upper
152 100
115 59.2 45.0 135.0
150 156.1 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Tgt Ion: 75 Resp: 112099
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#

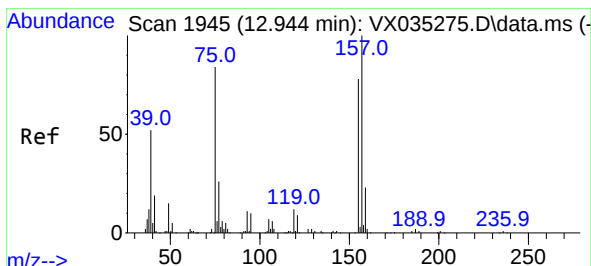
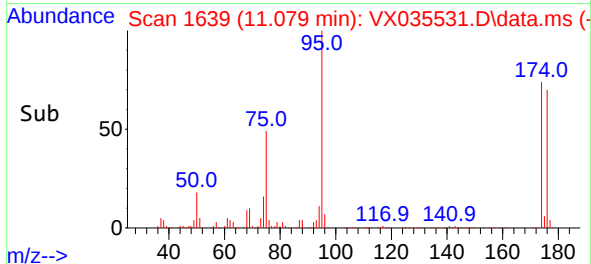
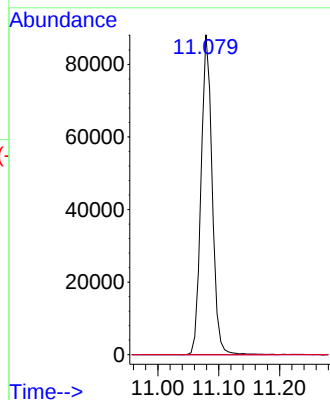
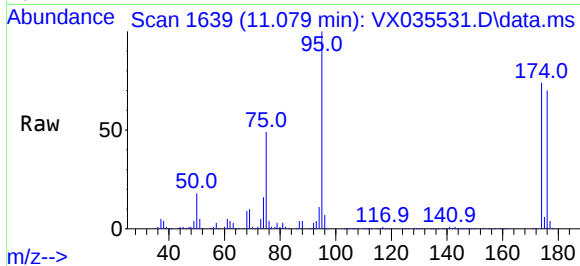




#81
trans-1,4-Dichloro-2-butene
Concen: 83.295 ug/l
RT: 11.079 min Scan# 112099
Delta R.T. 0.061 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Instrument :
MSVOA_X
ClientSampleId :
001-1

Tgt Ion: 75 Resp: 112099
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.258 ug/l
RT: 12.762 min Scan# 1915
Delta R.T. -0.183 min
Lab File: VX035531.D
Acq: 05 May 2023 13:19

Tgt Ion: 75 Resp: 256
Ion Ratio Lower Upper
75 100
155 0.0 38.4 115.1#
157 0.0 49.9 149.7#

