

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045198.D
 Acq On : 10 Mar 2025 16:02
 Operator : JC/MD
 Sample : Q1531-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 03:57:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

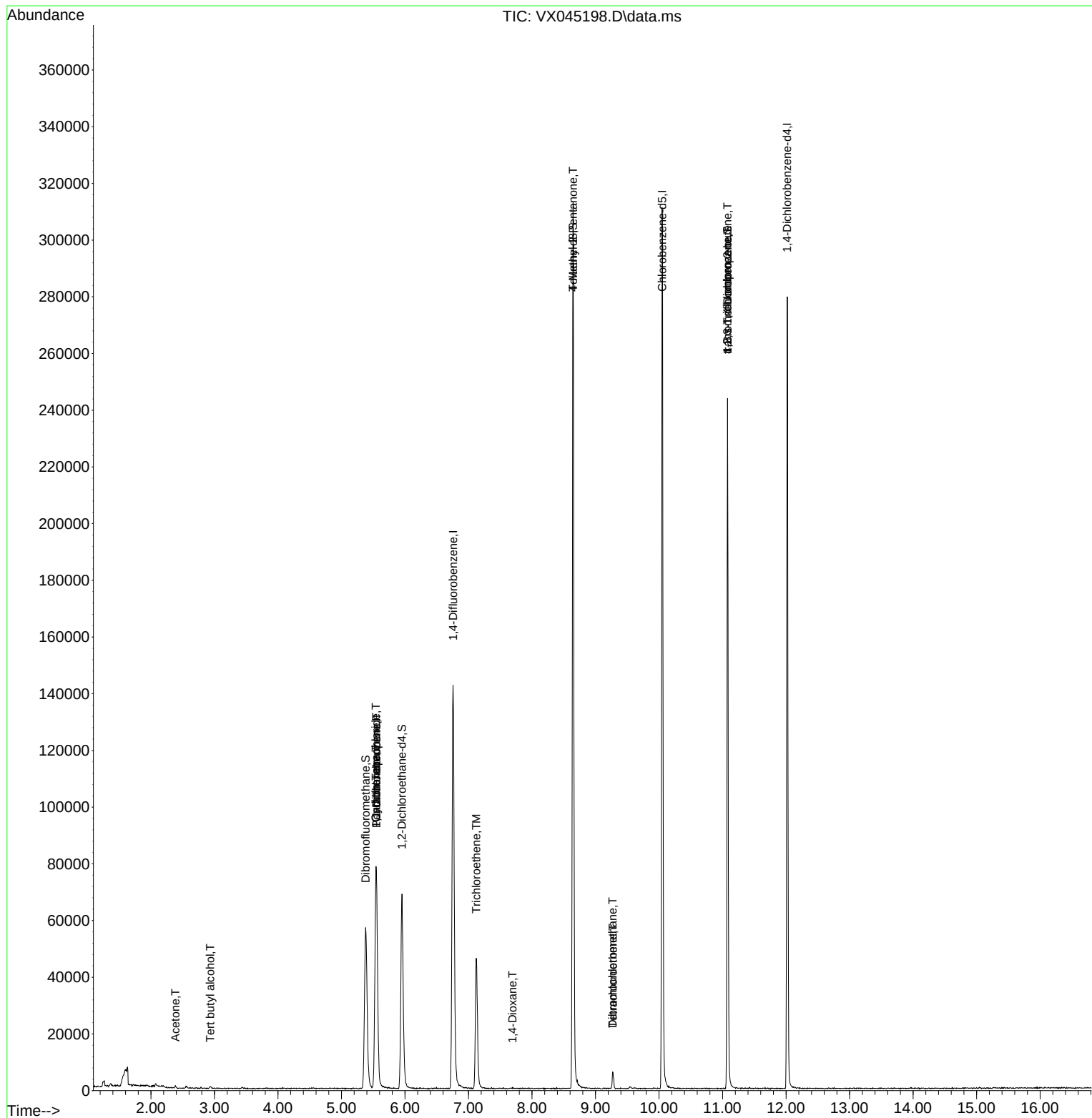
Internal Standards						
1) Pentafluorobenzene	5.550	168	72017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62074	54.188	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.380%	
35) Dibromofluoromethane	5.379	113	49844	50.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.500%	
50) Toluene-d8	8.647	98	181546	50.983	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.960%	
62) 4-Bromofluorobenzene	11.079	95	62028	52.567	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	244	1.125	ug/l #	73
16) Acetone	2.386	43	910	1.712	ug/l	98
31) Cyclohexane	5.544	56	2004	1.286	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	6648	4.935	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7901	5.777	ug/l #	16
44) Trichloroethene	7.123	130	18159	18.181	ug/l	96
49) 1,4-Dioxane	7.690	88	68	2.503	ug/l #	1
51) 4-Methyl-2-Pentanone	8.647	43	905	0.525	ug/l #	1
60) Dibromochloromethane	9.269	129	1164	1.084	ug/l #	11
64) Tetrachloroethene	9.275	164	1094	1.261	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	33638	26.707	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33638	91.395	ug/l #	6

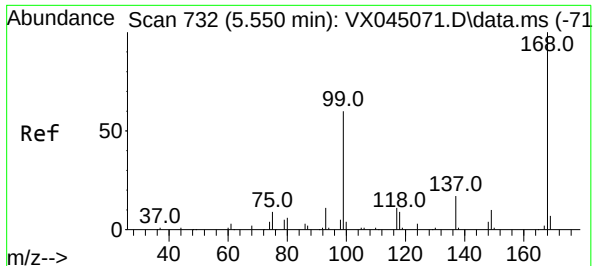
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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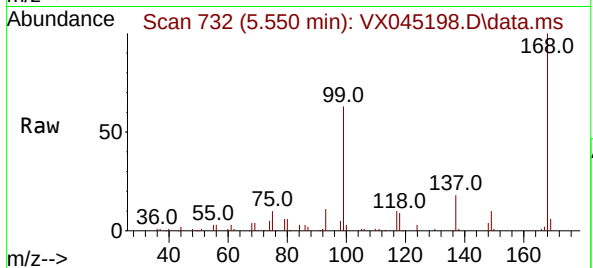
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



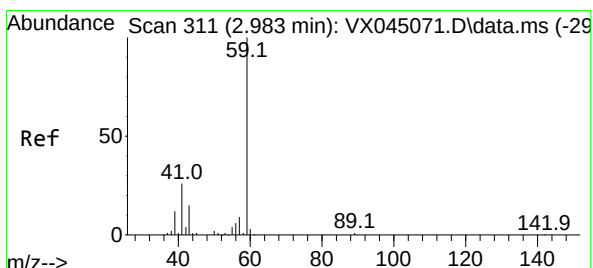
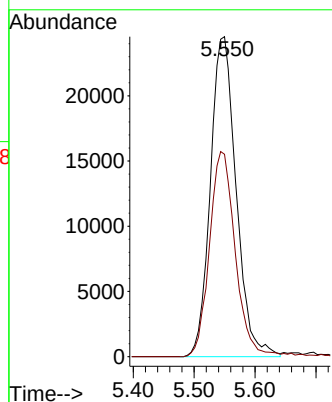
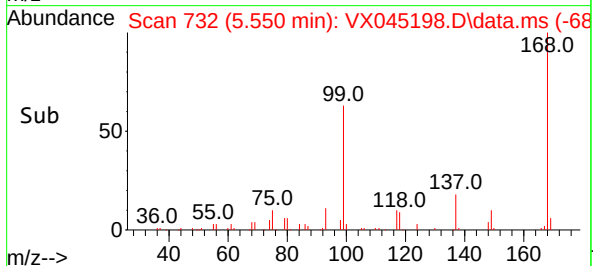


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

Instrument :
MSVOA_X
ClientSampleId :

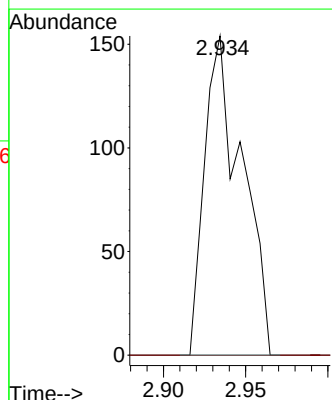
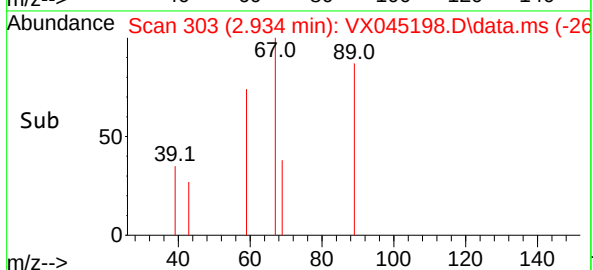
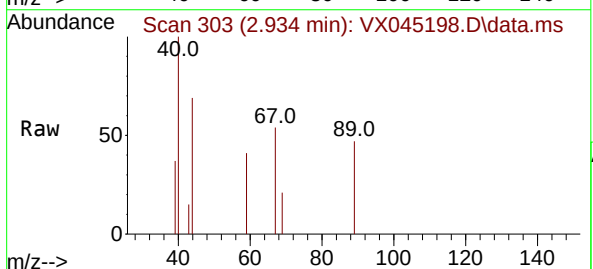


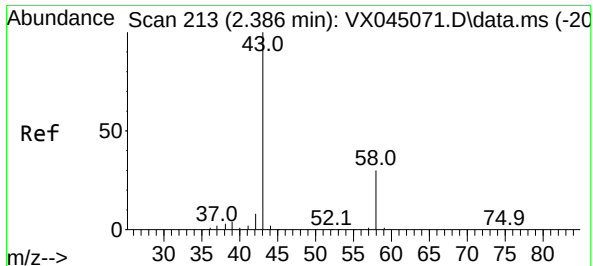
Tgt Ion:168 Resp: 72017
Ion Ratio Lower Upper
168 100
99 63.3 48.2 72.4



#11
Tert butyl alcohol
Concen: 1.125 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

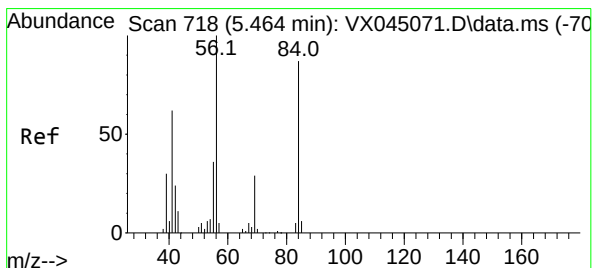
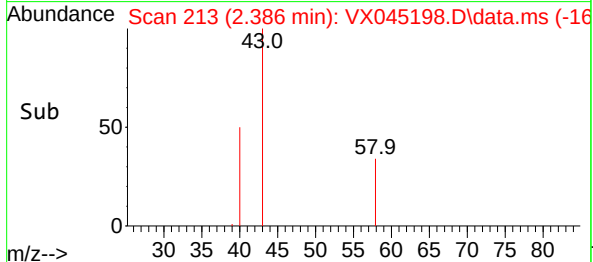
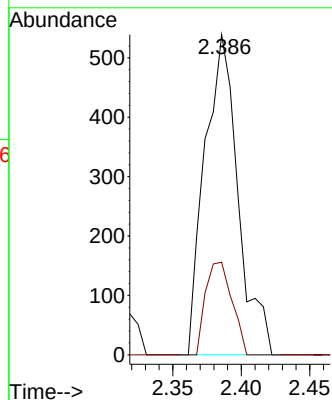
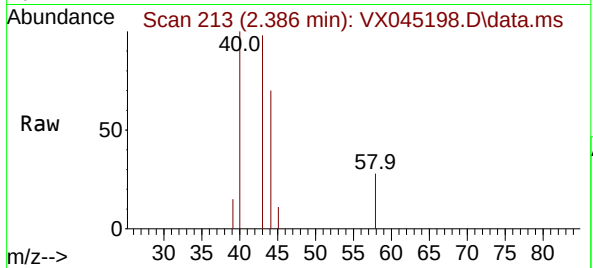




#16
Acetone
Concen: 1.712 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

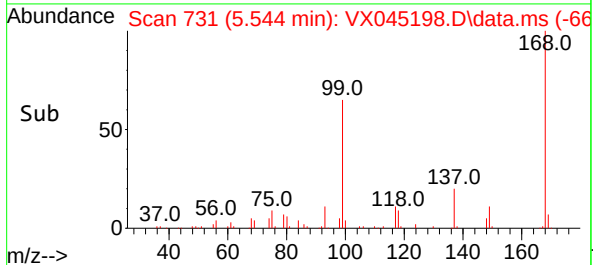
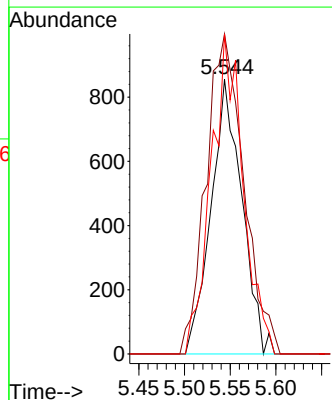
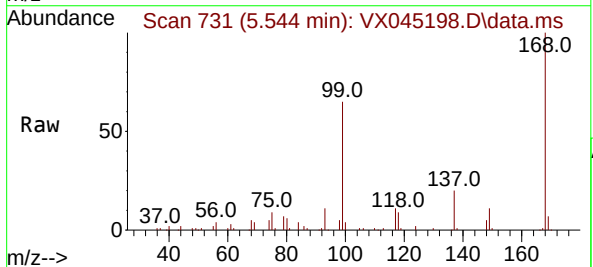
Instrument :
MSVOA_X
ClientSampleId :

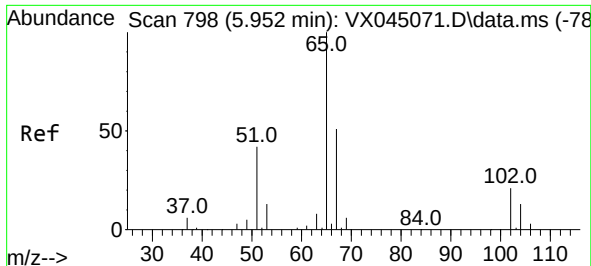
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 28.9 24.2 36.4



#31
Cyclohexane
Concen: 1.286 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

Tgt Ion: 56 Resp: 2004
Ion Ratio Lower Upper
56 100
69 116.5 23.4 35.2#
84 116.5 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 54.188 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045198.D

Acq: 10 Mar 2025 16:02

Instrument :

MSVOA_X

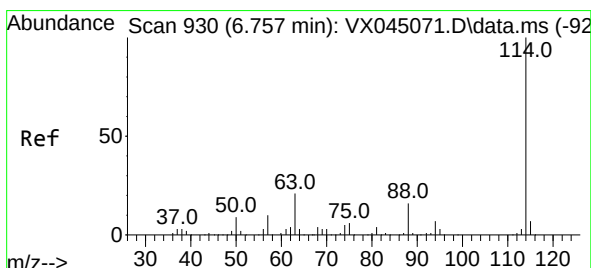
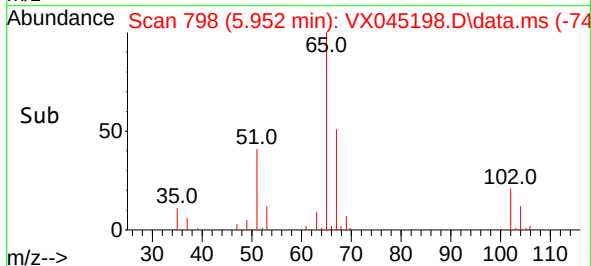
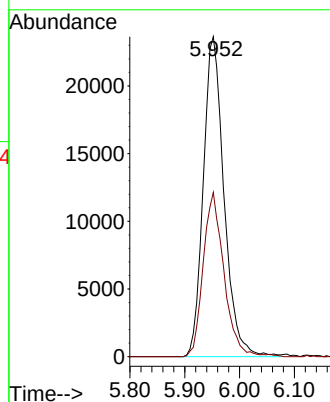
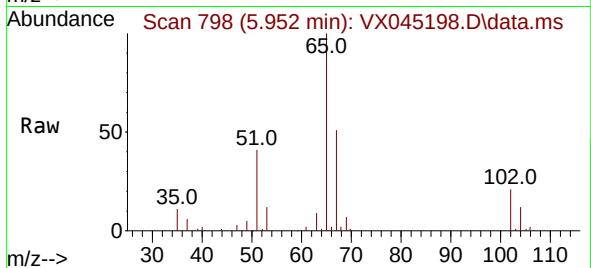
ClientSampleId :

Tgt Ion: 65 Resp: 62074

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045198.D

Acq: 10 Mar 2025 16:02

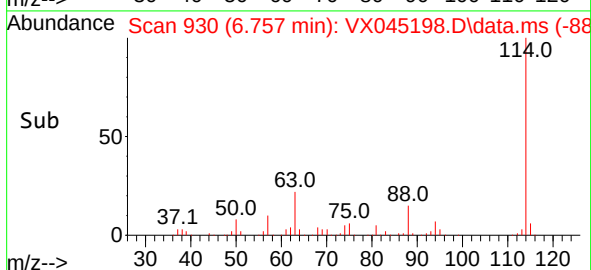
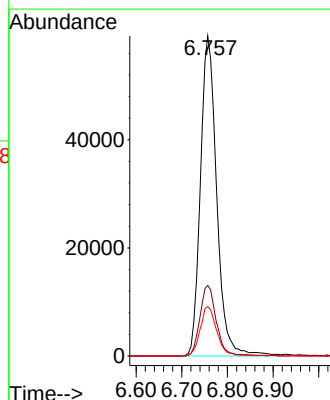
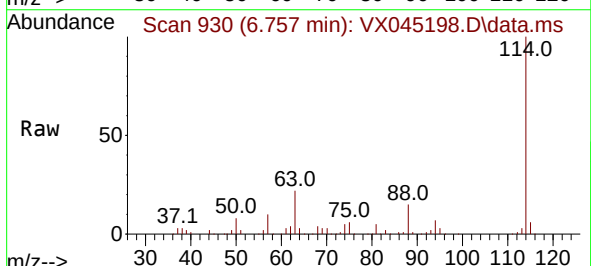
Tgt Ion: 114 Resp: 146893

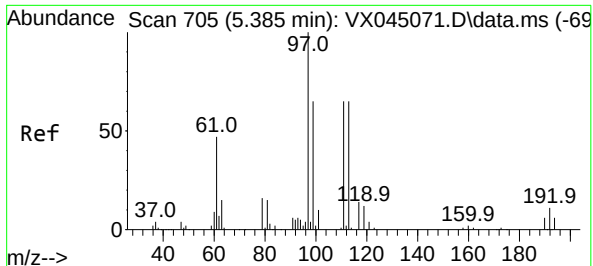
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

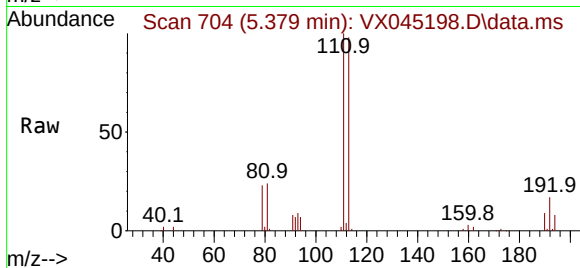
88 15.4 0.0 32.8



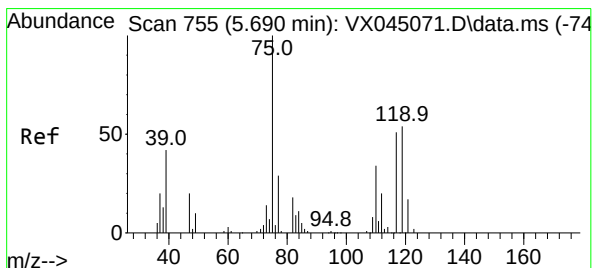
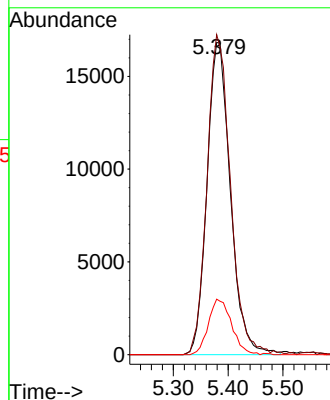
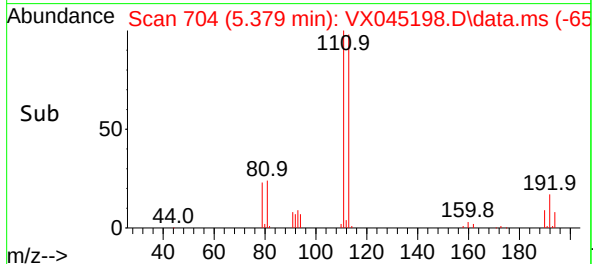


#35
Dibromofluoromethane
Concen: 50.745 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

Instrument :
MSVOA_X
ClientSampleId :

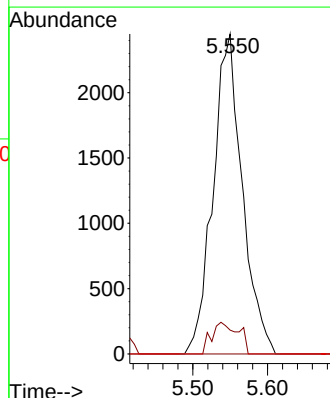
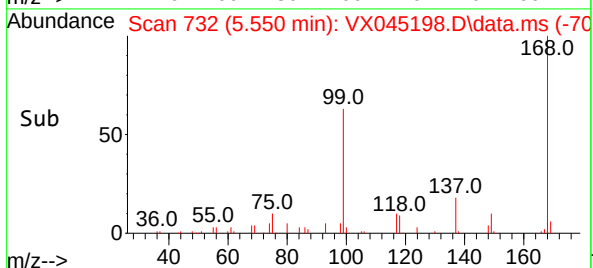
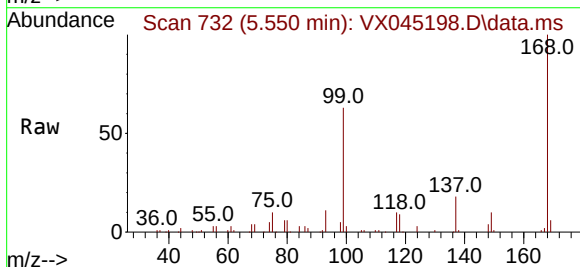


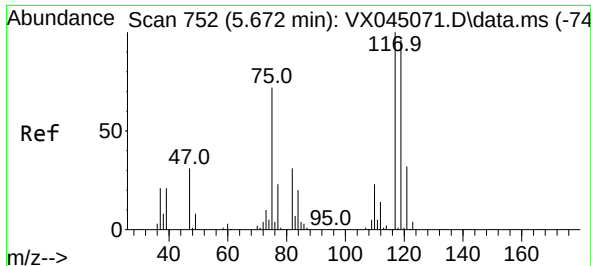
Tgt Ion:113 Resp: 49844
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 17.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

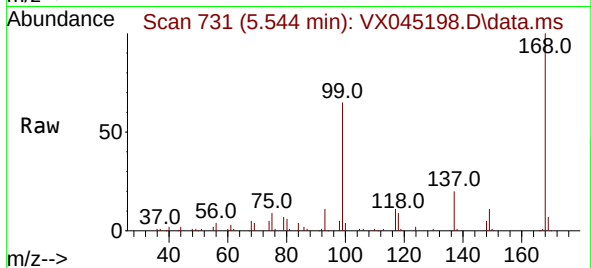
Tgt Ion: 75 Resp: 6648
Ion Ratio Lower Upper
75 100
110 9.1 16.9 50.6#
77 0.0 24.5 36.7#



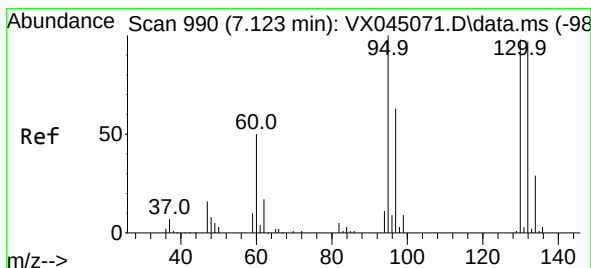
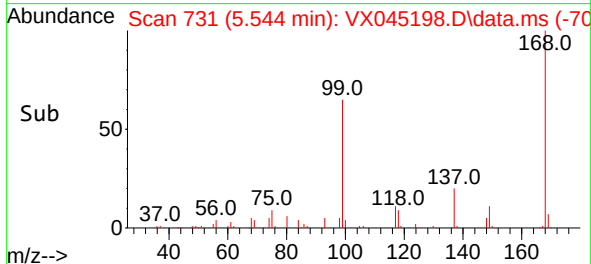
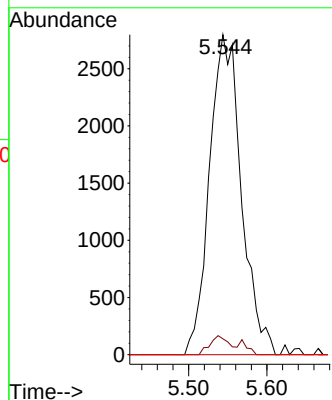


#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

Instrument :
MSVOA_X
ClientSampleId :

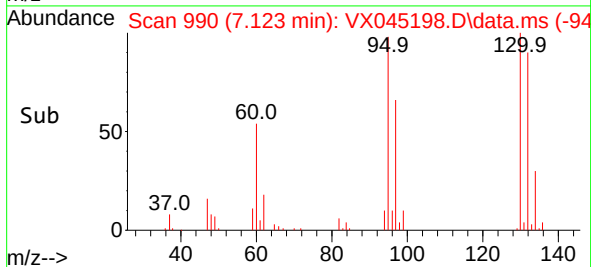
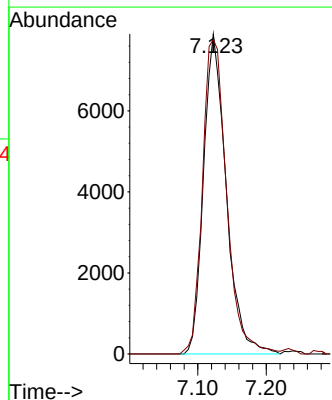
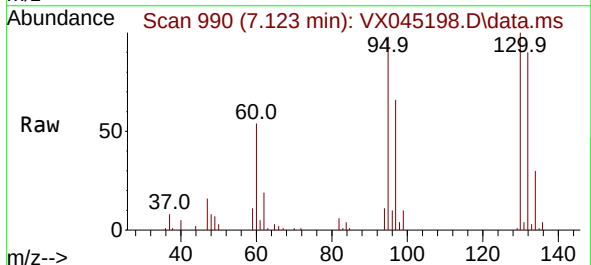


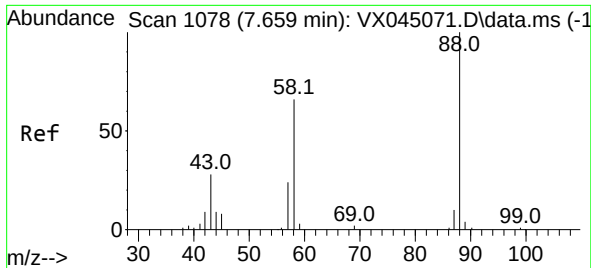
Tgt Ion:117 Resp: 7901
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 18.181 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

Tgt Ion:130 Resp: 18159
Ion Ratio Lower Upper
130 100
95 98.3 0.0 205.0

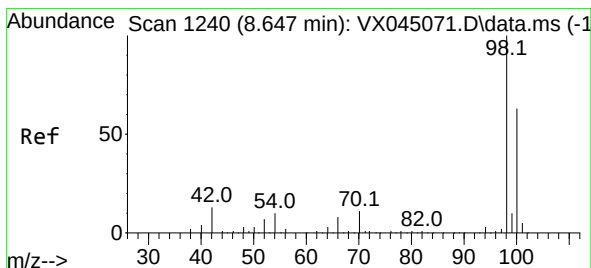
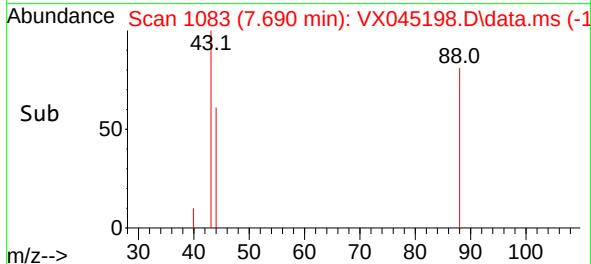
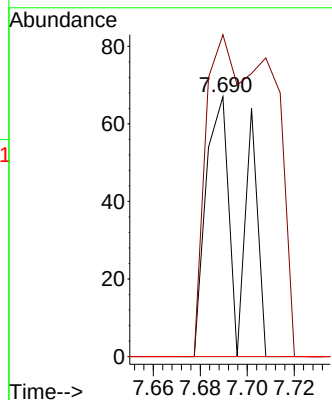
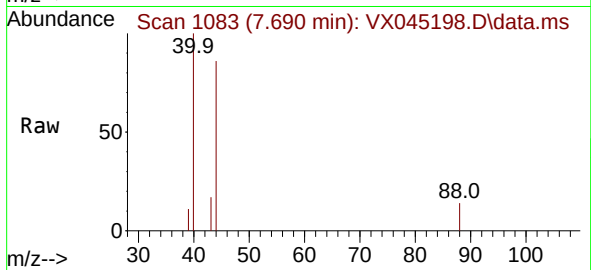




#49
1,4-Dioxane
Concen: 2.503 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.030 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

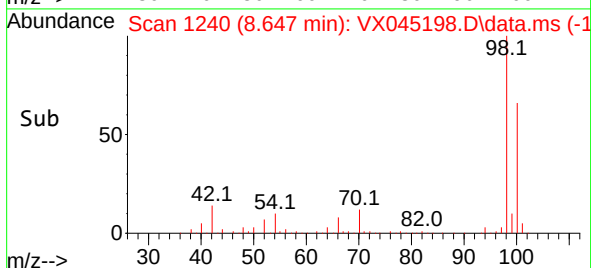
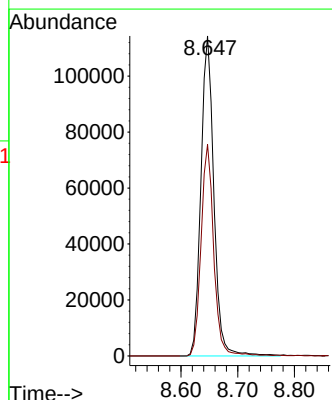
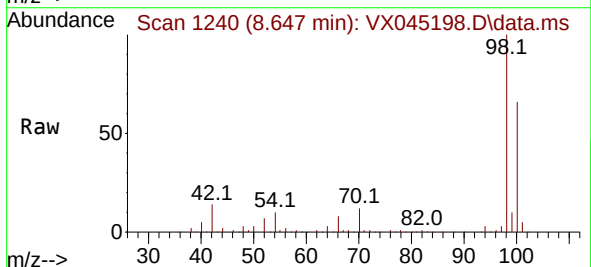
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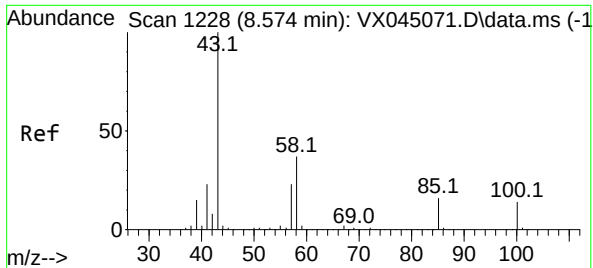
Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 238.2 28.7 43.1#
58 0.0 55.8 83.8#



#50
Toluene-d8
Concen: 50.983 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

Tgt Ion: 98 Resp: 181546
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

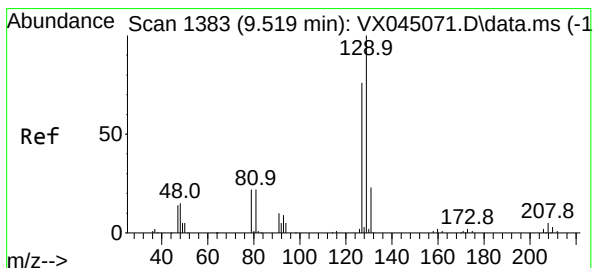
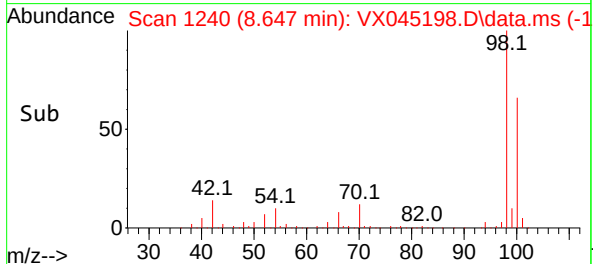
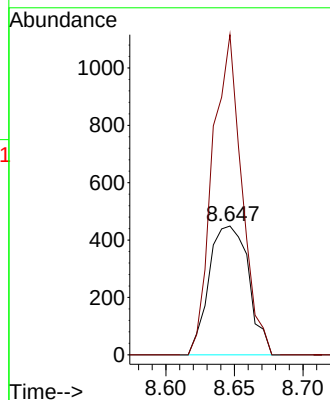
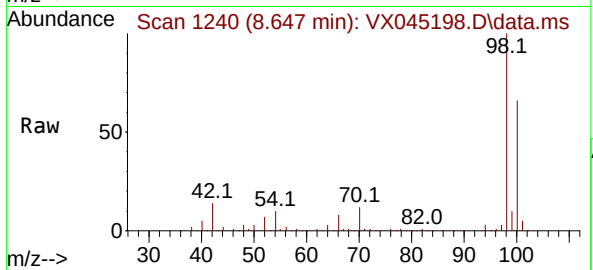




#51
4-Methyl-2-Pentanone
Concen: 0.525 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

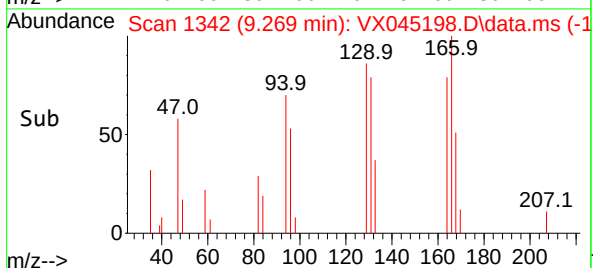
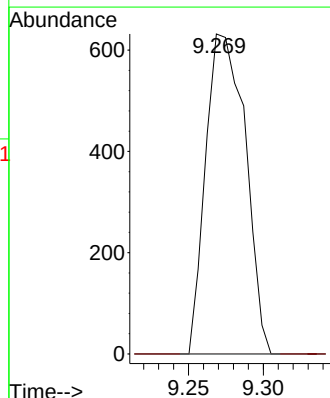
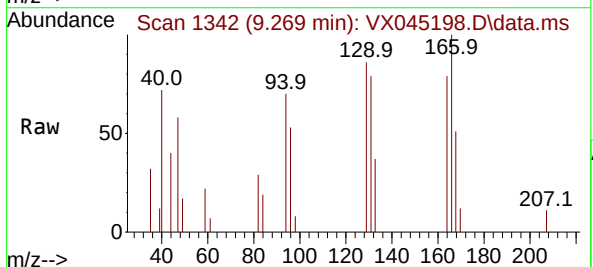
Instrument :
MSVOA_X
ClientSampleId :

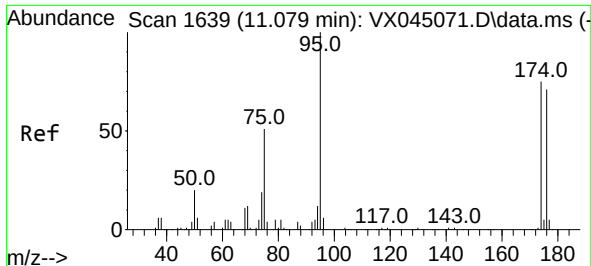
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 183.4 29.2 43.8#



#60
Dibromochloromethane
Concen: 1.084 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

Tgt Ion:129 Resp: 1164
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

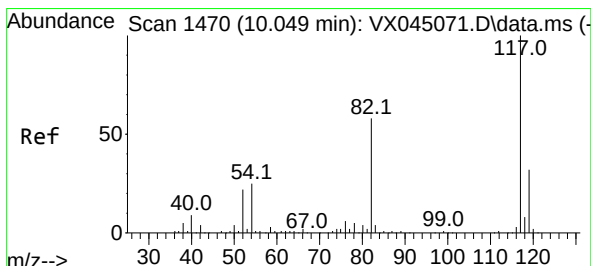
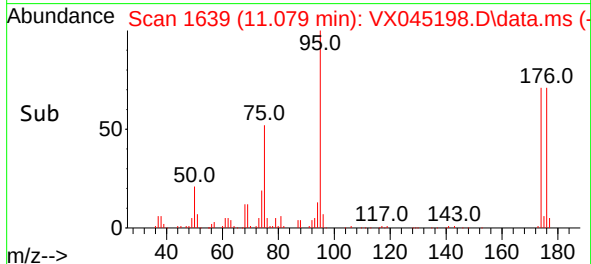
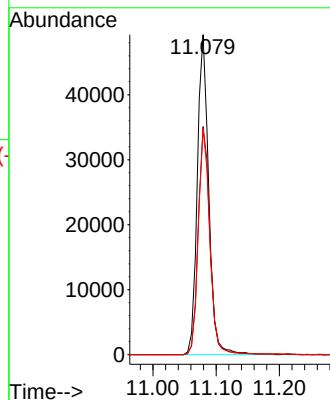
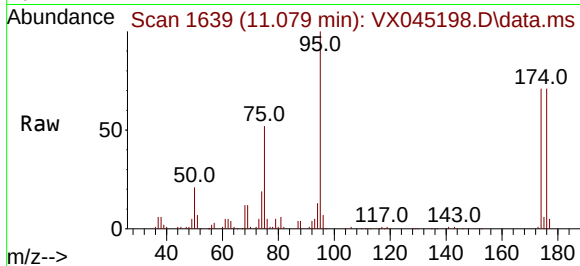




#62
4-Bromofluorobenzene
Concen: 52.567 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

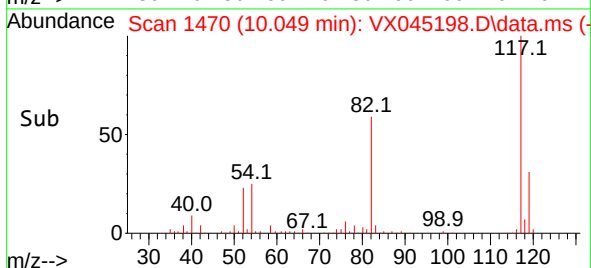
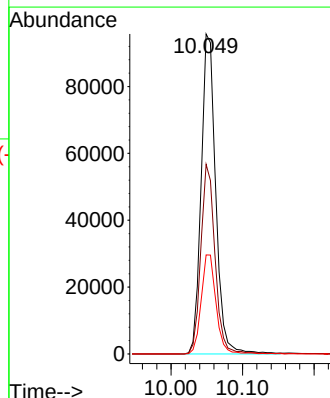
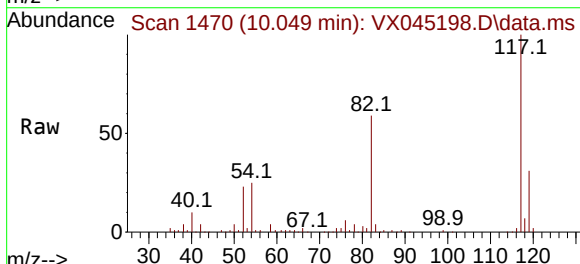
Instrument :
MSVOA_X
ClientSampleId :

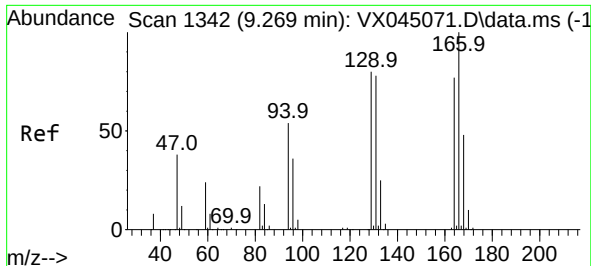
Tgt Ion: 95 Resp: 62028
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.2
176 71.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

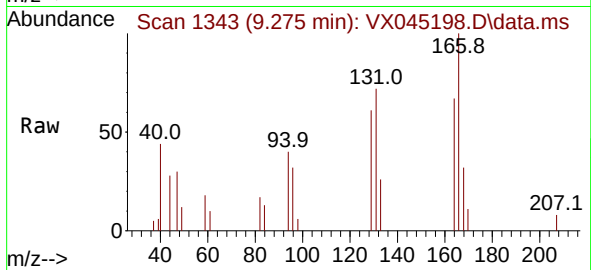
Tgt Ion: 117 Resp: 135478
Ion Ratio Lower Upper
117 100
82 59.3 46.3 69.5
119 31.0 25.7 38.5



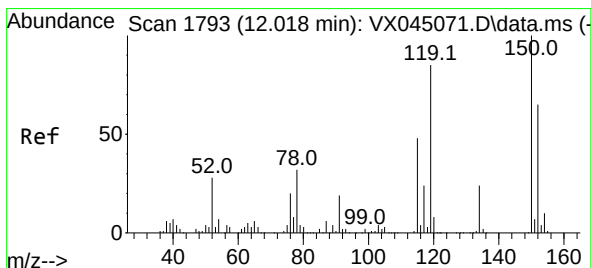
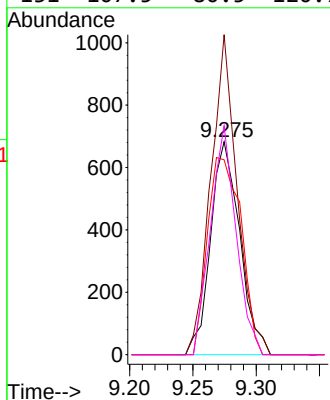
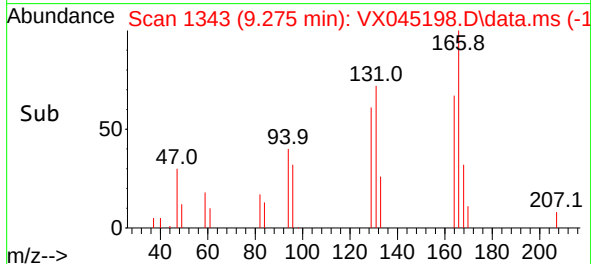


#64
Tetrachloroethene
Concen: 1.261 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02

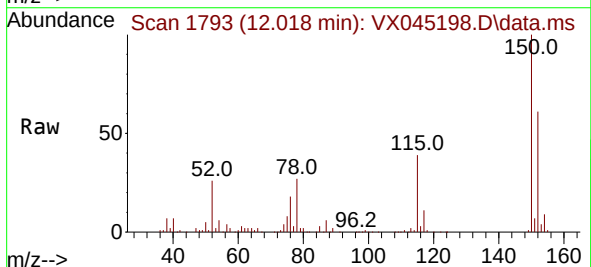
Instrument :
MSVOA_X
ClientSampleId :



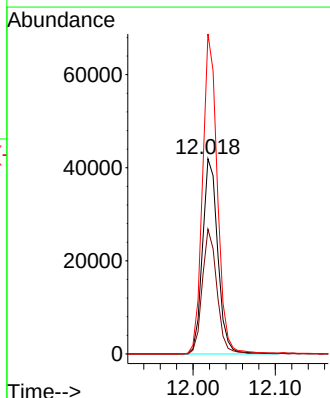
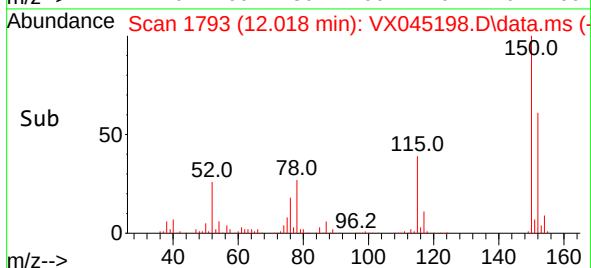
Tgt Ion:164	Resp:	1094
Ion	Ratio	Lower Upper
164	100	
166	150.2	103.6 155.4
129	91.5	82.7 124.1
131	107.5	80.5 120.7

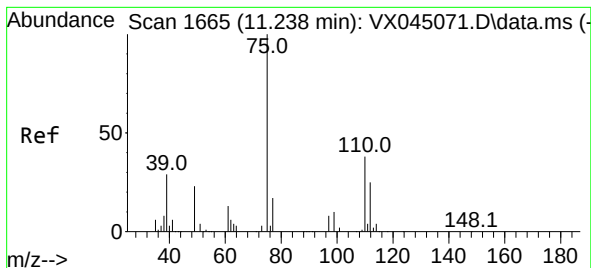


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045198.D
Acq: 10 Mar 2025 16:02



Tgt Ion:152	Resp:	54115
Ion	Ratio	Lower Upper
152	100	
115	61.8	44.2 132.6
150	158.8	0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.707 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045198.D

Acq: 10 Mar 2025 16:02

Instrument :

MSVOA_X

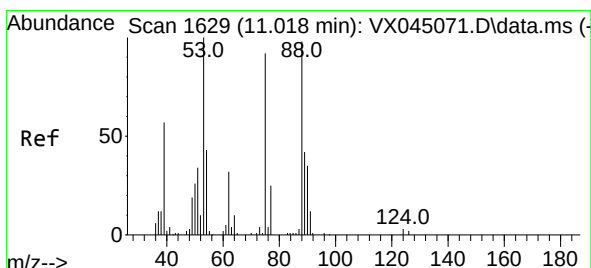
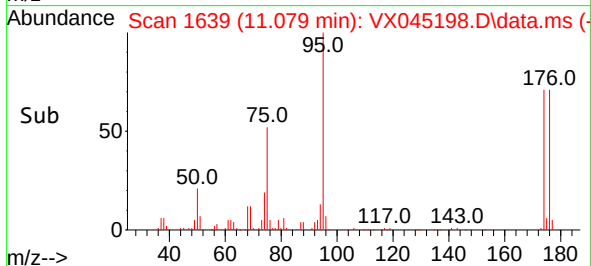
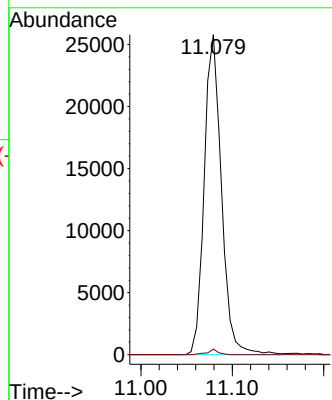
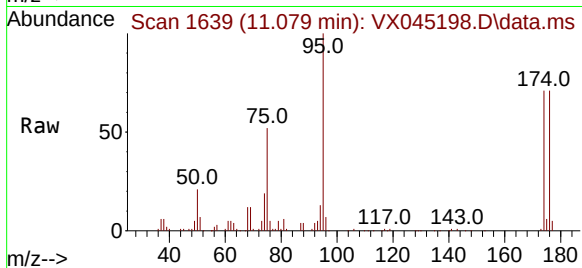
ClientSampleId :

Tgt Ion: 75 Resp: 33638

Ion Ratio Lower Upper

75 100

77 1.1 20.7 62.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.395 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045198.D

Acq: 10 Mar 2025 16:02

Tgt Ion: 75 Resp: 33638

Ion Ratio Lower Upper

75 100

53 0.0 88.5 132.7#

89 0.0 36.2 54.4#

