

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045736.D
 Acq On : 11 Apr 2025 13:08
 Operator : JC/MD
 Sample : Q1773-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT190D1-GW-20250409

Quant Time: Apr 11 23:04:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

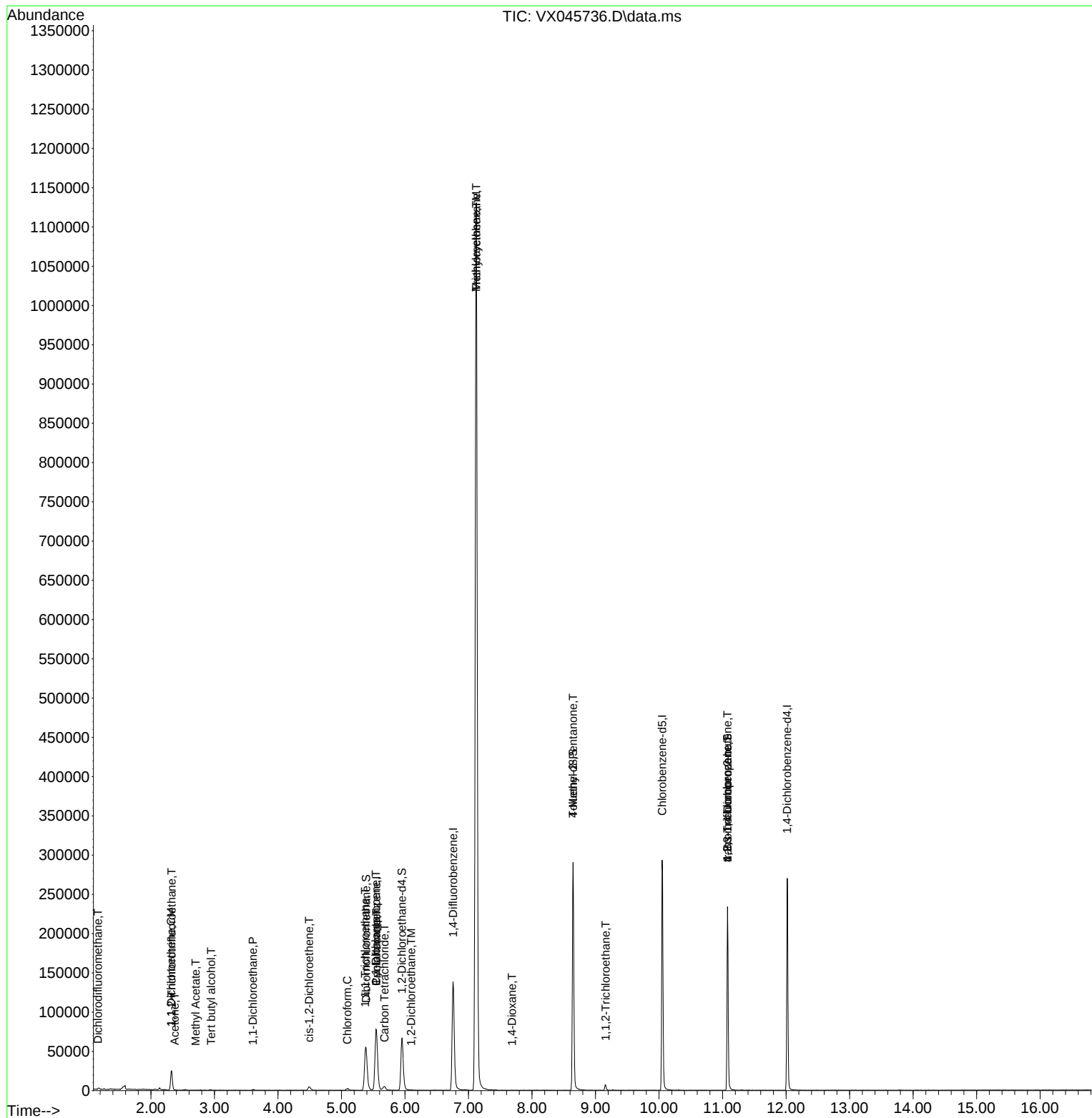
Internal Standards						
1) Pentafluorobenzene	5.550	168	67136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66855	54.454	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.900%			
35) Dibromofluoromethane	5.385	113	47739	51.342	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	8.647	98	164412	50.659	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.079	95	61082	51.670	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	281	0.280	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	7245	8.784	ug/l	95
11) Tert butyl alcohol	2.946	59	170	1.030	ug/l #	72
12) 1,1-Dichloroethene	2.318	96	2974	3.690	ug/l	89
16) Acetone	2.373	43	459	0.910	ug/l #	47
18) Methyl Acetate	2.703	43	418	0.360	ug/l #	54
24) 1,1-Dichloroethane	3.605	63	1363	0.800	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	2777	2.768	ug/l	89
30) Chloroform	5.092	83	2443	1.394	ug/l	97
31) Cyclohexane	5.550	56	1876	1.246	ug/l #	29
32) 1,1,1-Trichloroethane	5.373	97	438	0.295	ug/l #	44
36) 1,1-Dichloropropene	5.544	75	6523	5.196	ug/l #	50
38) Carbon Tetrachloride	5.678	117	4109	3.028	ug/l #	80
39) Methylcyclohexane	7.122	83	5671	3.685	ug/l #	1
42) 1,2-Dichloroethane	6.098	62	423	0.267	ug/l #	78
44) Trichloroethene	7.122	130	404492	443.842	ug/l	94
49) 1,4-Dioxane	7.683	88	76	3.393	ug/l #	86
51) 4-Methyl-2-Pentanone	8.647	43	989	0.622	ug/l #	1
55) 1,1,2-Trichloroethane	9.159	97	2023	2.188	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	35212	29.780	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35212	101.068	ug/l #	1

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

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ClientSampleId :
BP-TT190D1-GW-20250409

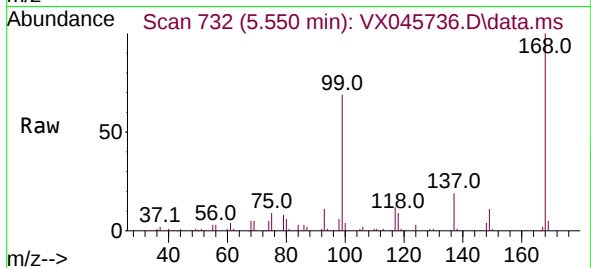
Quant Time: Apr 11 23:04:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



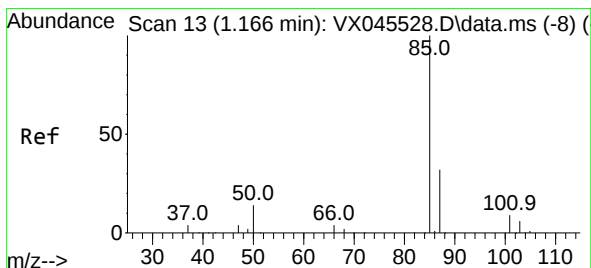
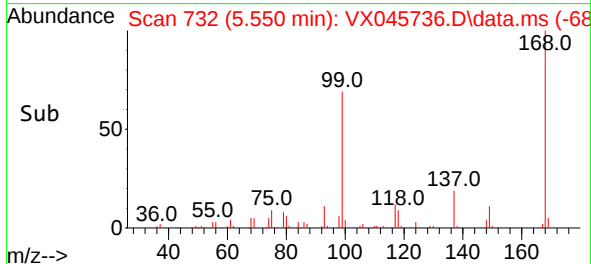
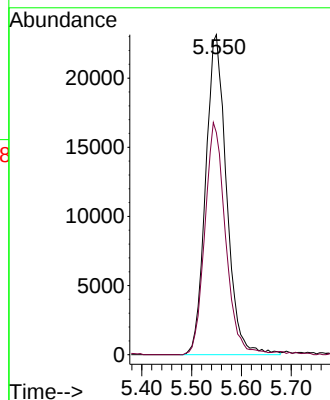


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409

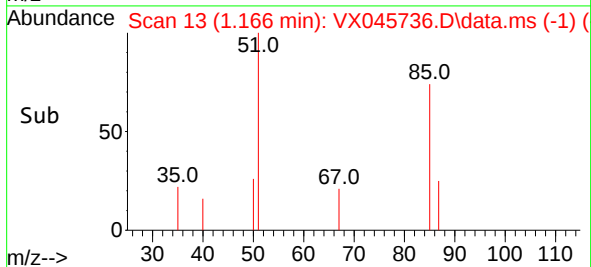
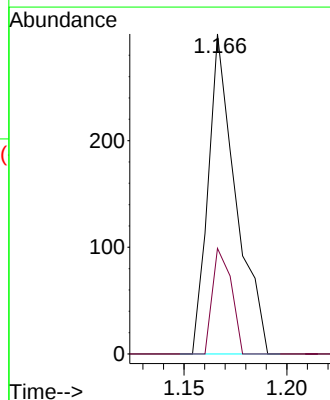
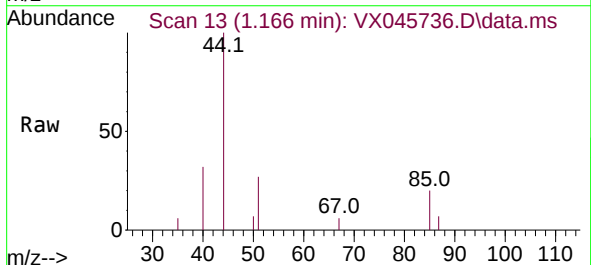


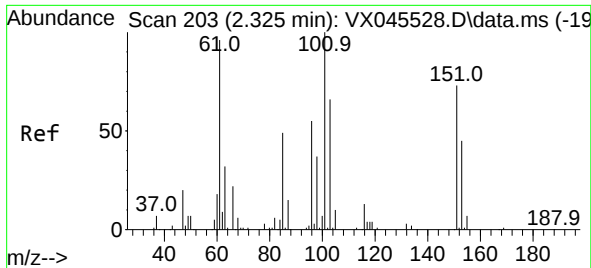
Tgt Ion:168 Resp: 67136
Ion Ratio Lower Upper
168 100
99 69.4 52.3 78.5



#2
Dichlorodifluoromethane
Concen: 0.280 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion: 85 Resp: 281
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2

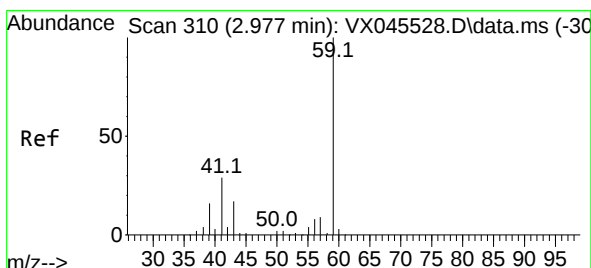
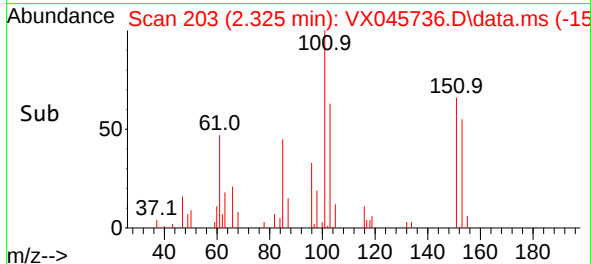
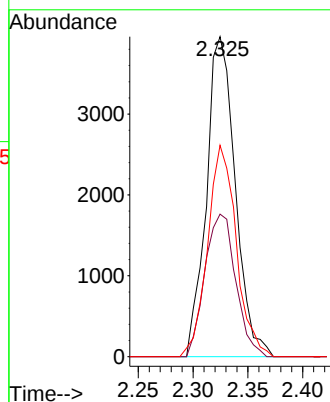
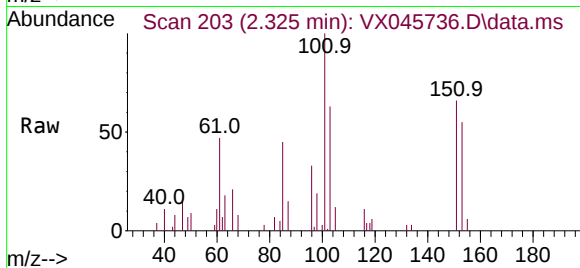




#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.784 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

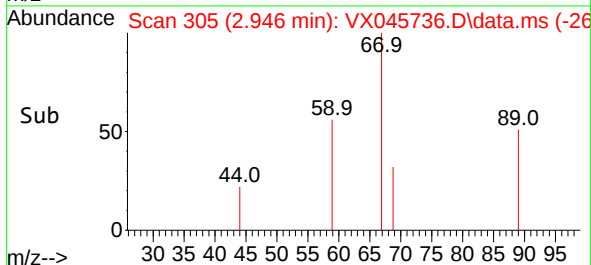
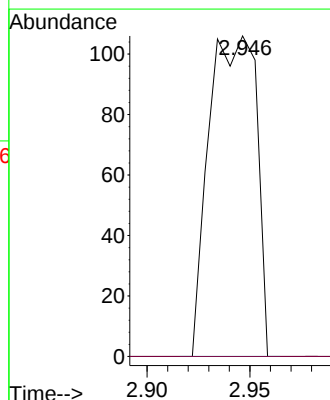
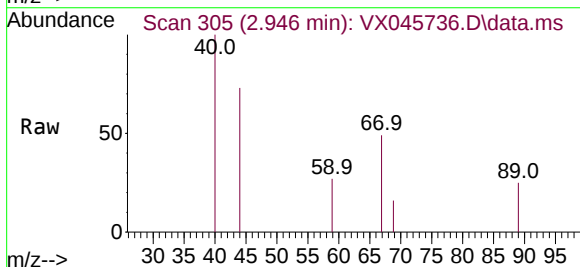
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409

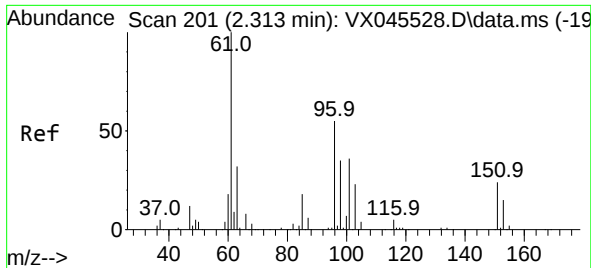
Tgt Ion:	101	Resp:	7245
Ion	Ratio	Lower	Upper
101	100		
85	47.5	38.9	58.3
151	65.6	57.5	86.3



#11
Tert butyl alcohol
Concen: 1.030 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion:	59	Resp:	170
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8

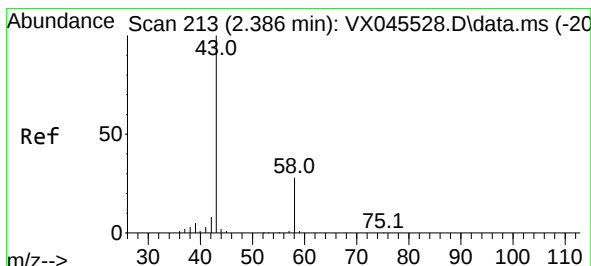
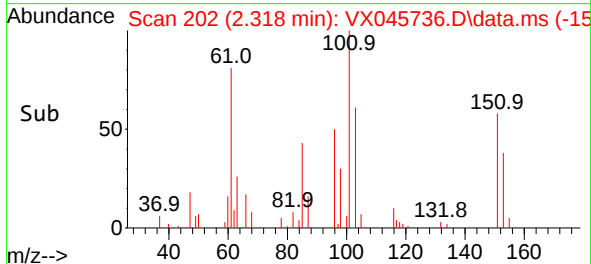
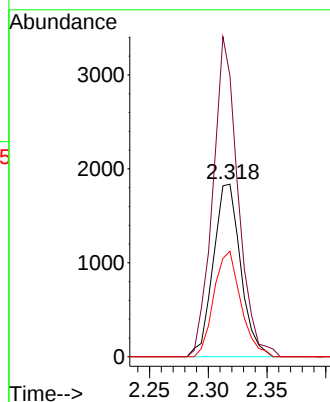
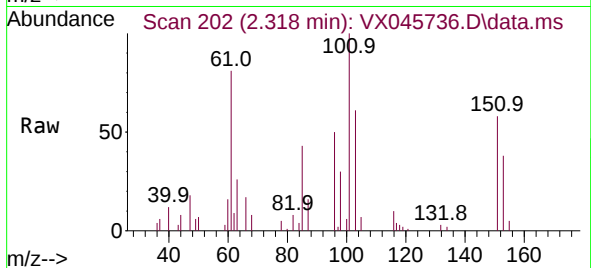




#12
1,1-Dichloroethene
Concen: 3.690 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

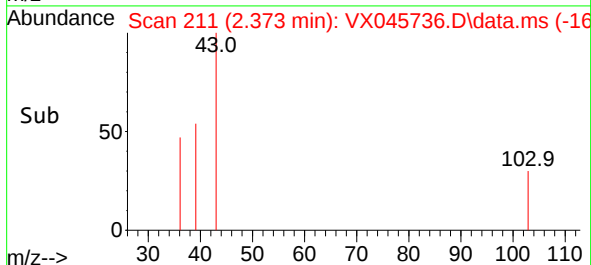
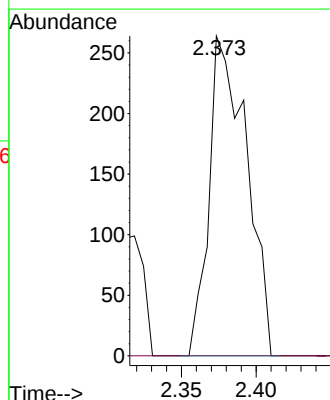
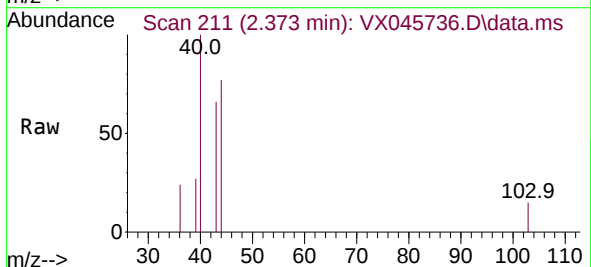
Instrument :
MSVOA_X
ClientSampleId :
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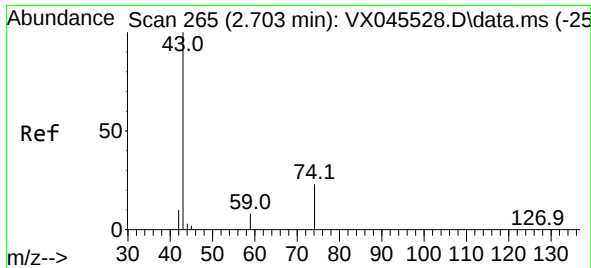
Tgt Ion: 96 Resp: 2974
Ion Ratio Lower Upper
96 100
61 162.8 145.7 218.5
98 61.1 51.6 77.4



#16
Acetone
Concen: 0.910 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#

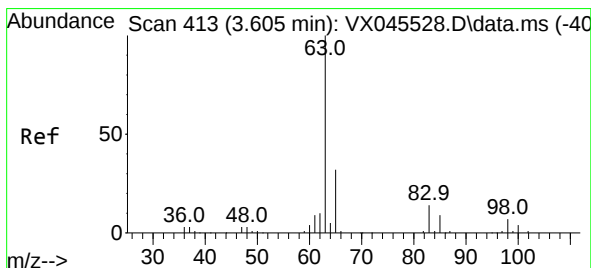
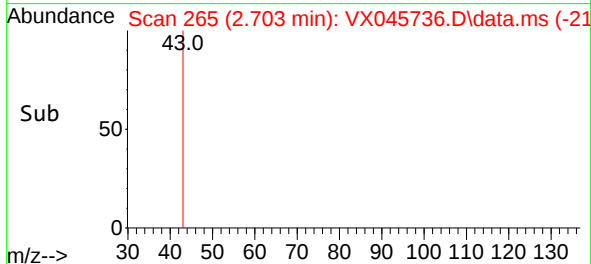
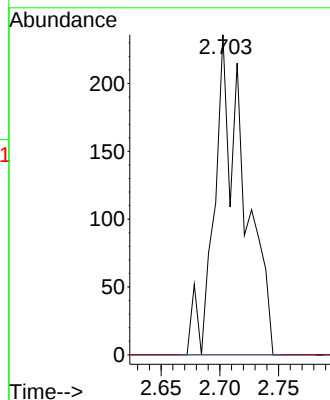
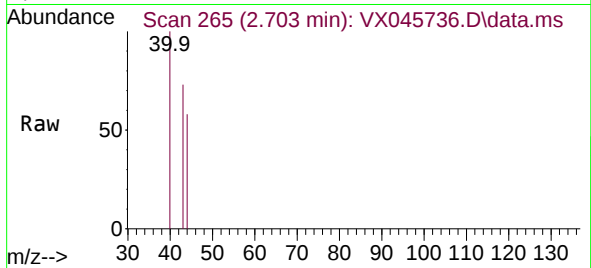




#18
Methyl Acetate
Concen: 0.360 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

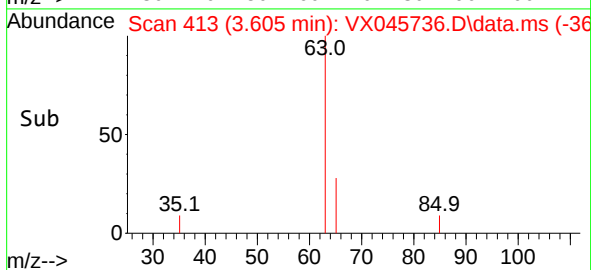
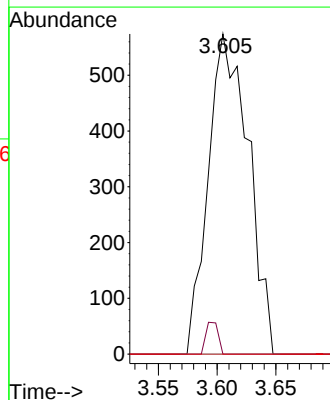
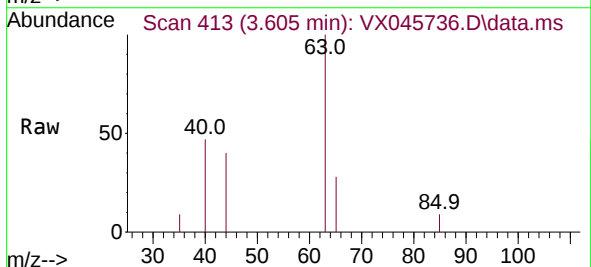
Instrument :
MSVOA_X
ClientSampleId :
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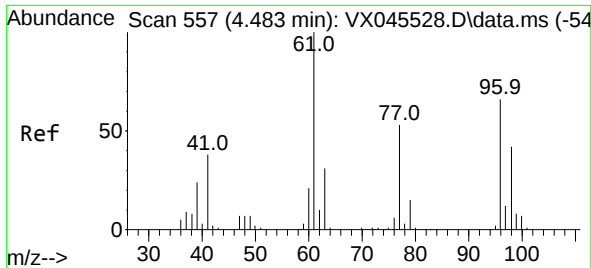
Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#24
1,1-Dichloroethane
Concen: 0.800 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion: 63 Resp: 1363
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.1#
100 0.0 2.2 6.6#

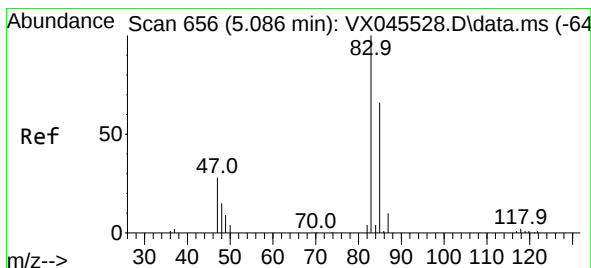
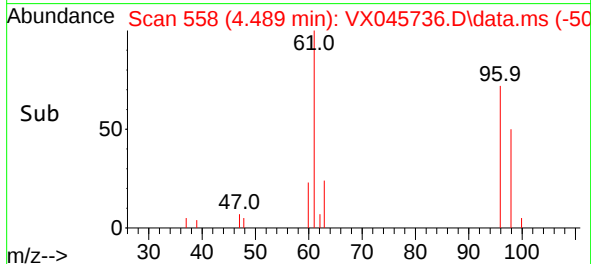
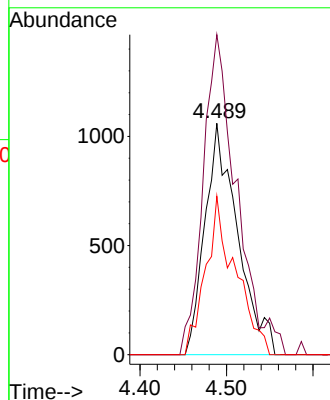
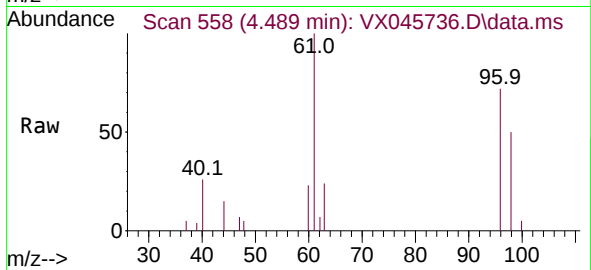




#27
 cis-1,2-Dichloroethene
 Concen: 2.768 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX045736.D
 Acq: 11 Apr 2025 13:08

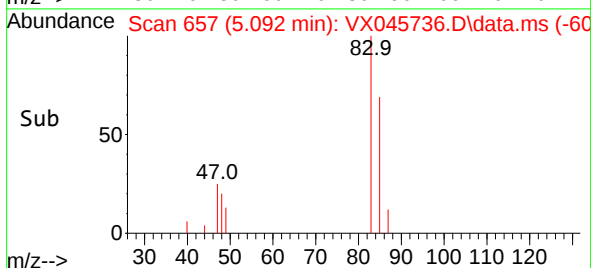
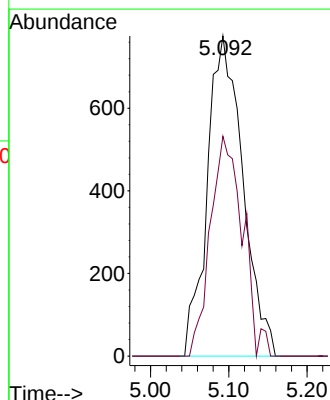
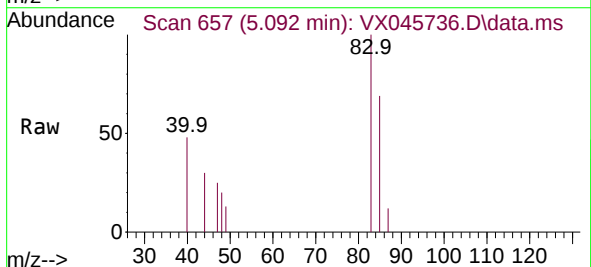
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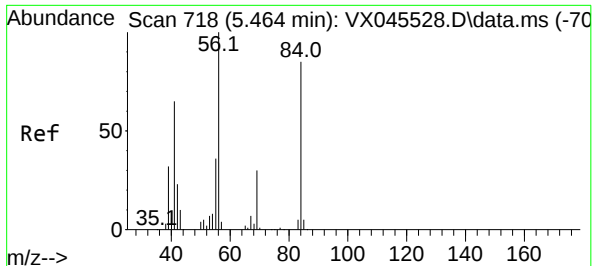
Tgt Ion:	96	Resp:	2777
Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	313.2
98	62.5	0.0	126.4



#30
 Chloroform
 Concen: 1.394 ug/l
 RT: 5.092 min Scan# 657
 Delta R.T. 0.006 min
 Lab File: VX045736.D
 Acq: 11 Apr 2025 13:08

Tgt Ion:	83	Resp:	2443
Ion	Ratio	Lower	Upper
83	100		
85	68.6	52.8	79.2

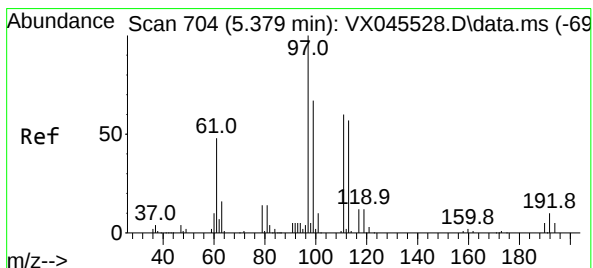
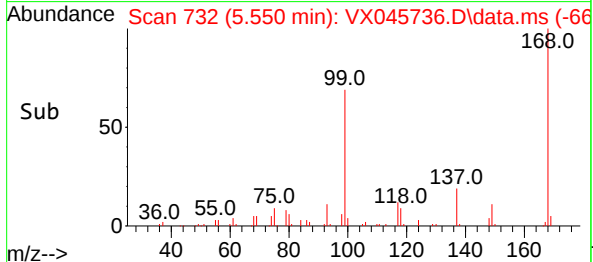
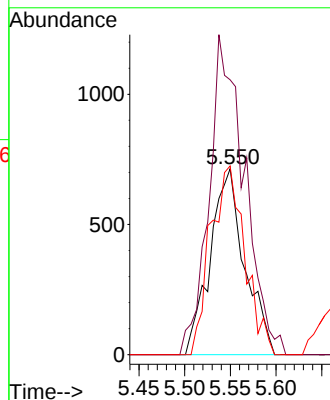
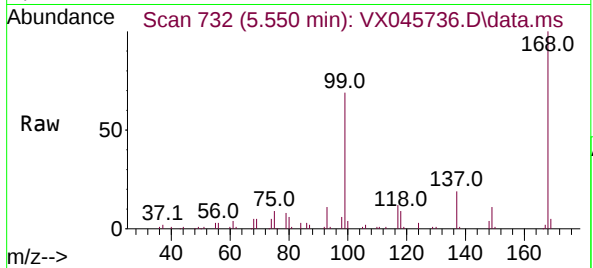




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

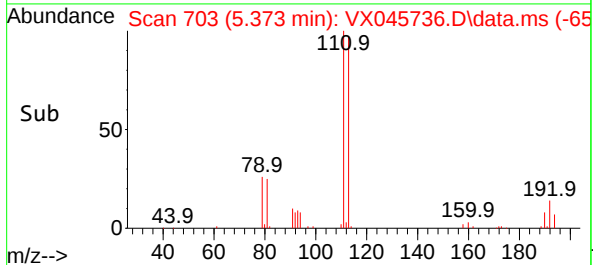
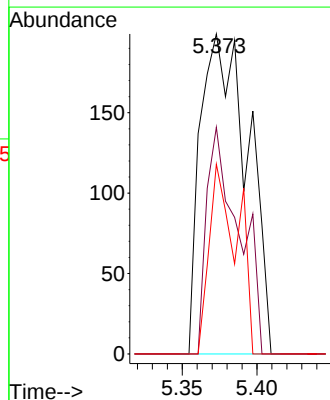
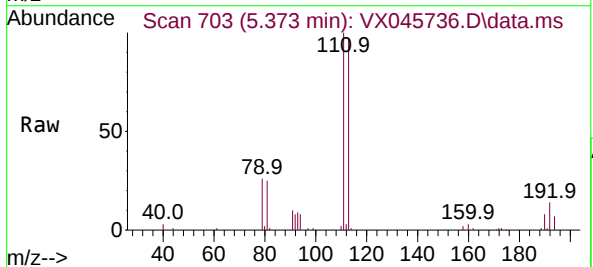
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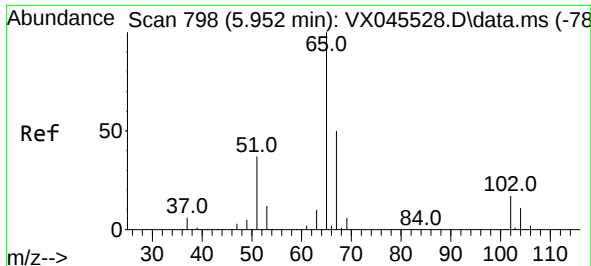
Tgt Ion: 56 Resp: 1876
Ion Ratio Lower Upper
56 100
69 147.9 23.6 35.4#
84 101.5 67.7 101.5#



#32
1,1,1-Trichloroethane
Concen: 0.295 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion: 97 Resp: 438
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 35.2 41.0 61.4#





#33

1,2-Dichloroethane-d4

Concen: 54.454 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045736.D

Acq: 11 Apr 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

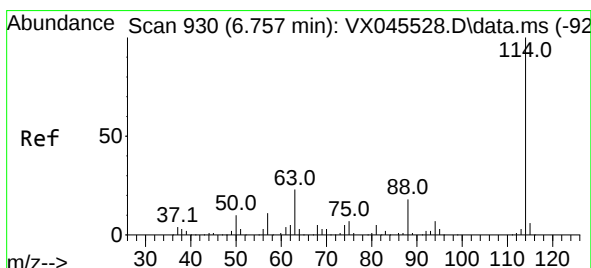
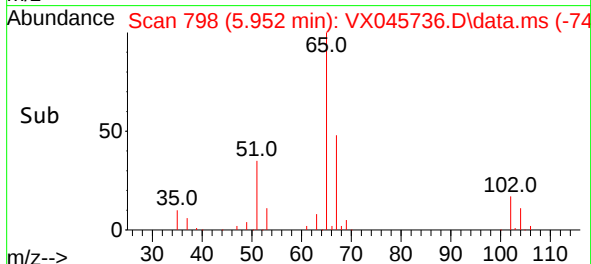
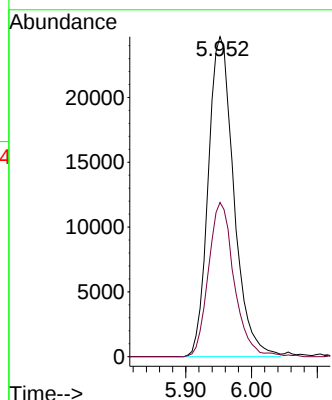
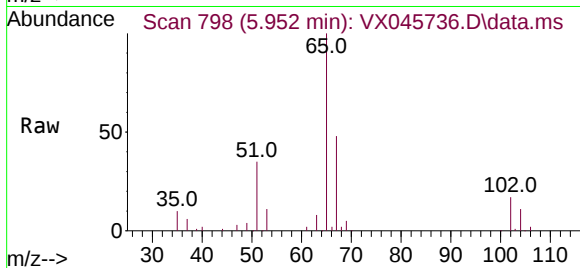
BP-TT190D1-GW-20250409

Tgt Ion: 65 Resp: 66855

Ion Ratio Lower Upper

65 100

67 48.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045736.D

Acq: 11 Apr 2025 13:08

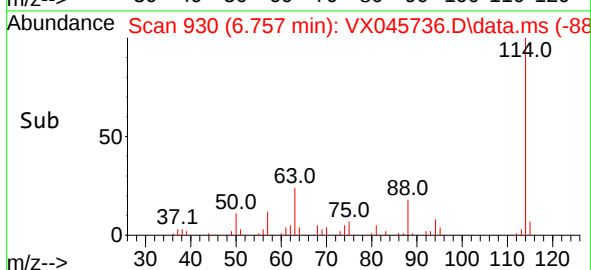
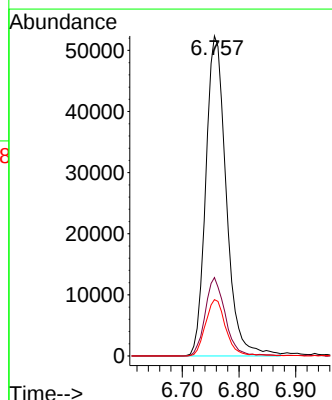
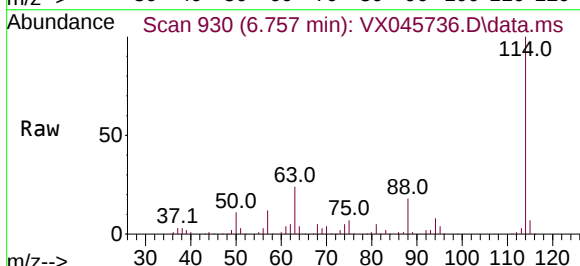
Tgt Ion: 114 Resp: 131053

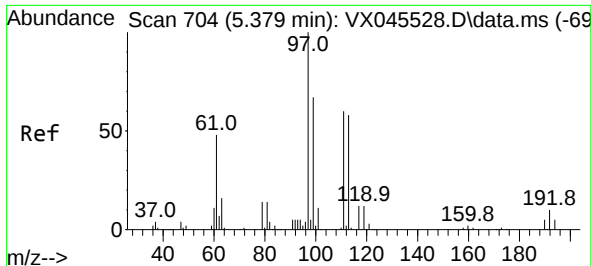
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.8

88 17.6 0.0 35.4

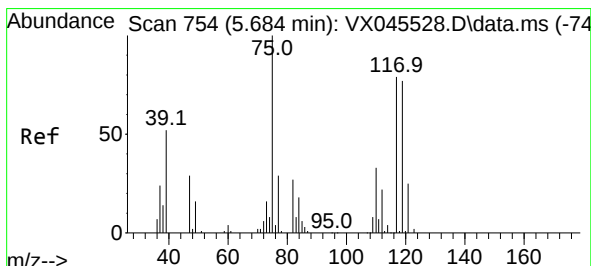
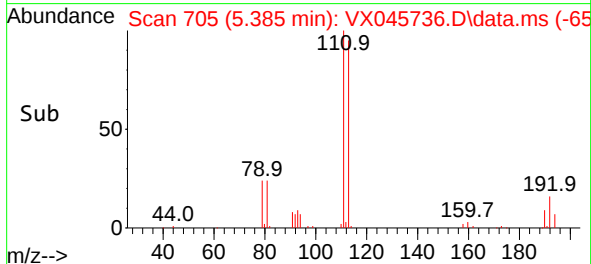
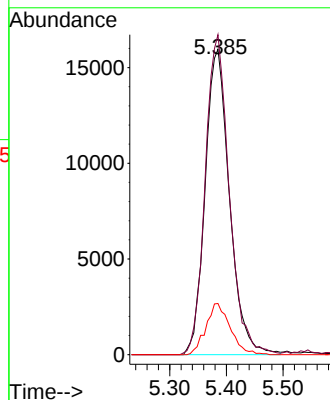
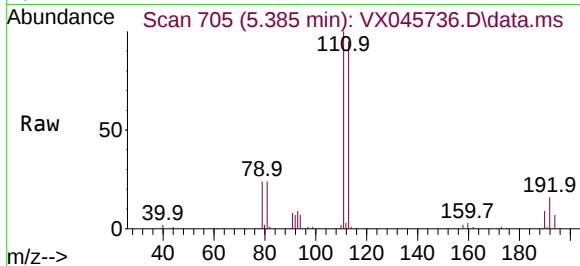




#35
Dibromofluoromethane
Concen: 51.342 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

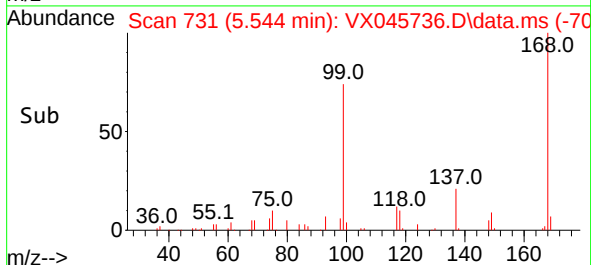
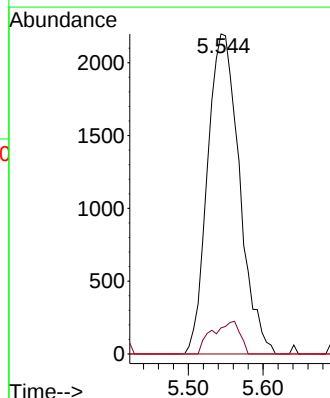
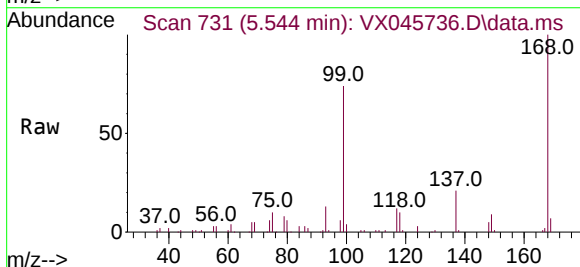
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409

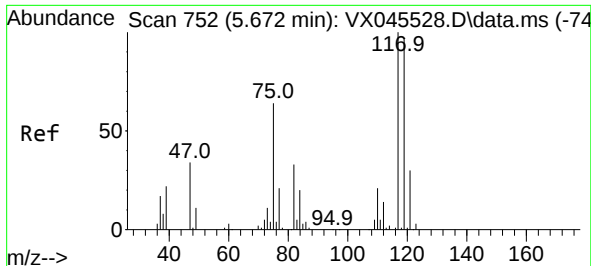
Tgt Ion:113 Resp: 47739
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 16.7 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.196 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion: 75 Resp: 6523
Ion Ratio Lower Upper
75 100
110 8.9 16.9 50.6#
77 0.0 25.0 37.4#

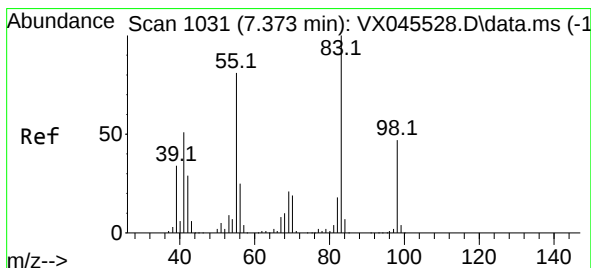
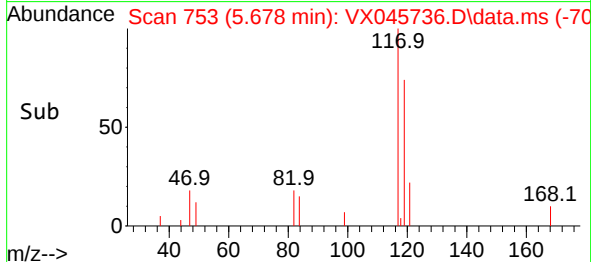
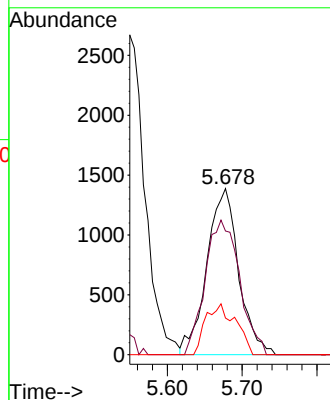
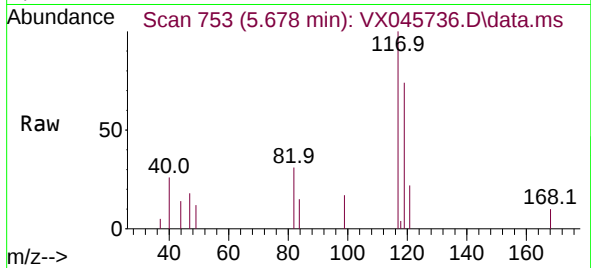




#38
Carbon Tetrachloride
Concen: 3.028 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

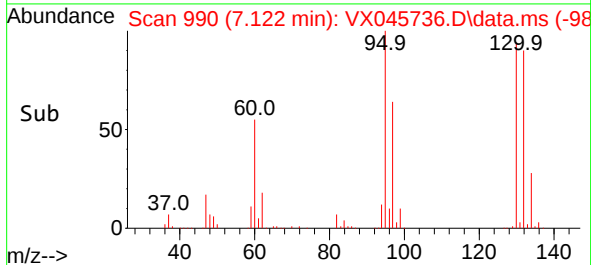
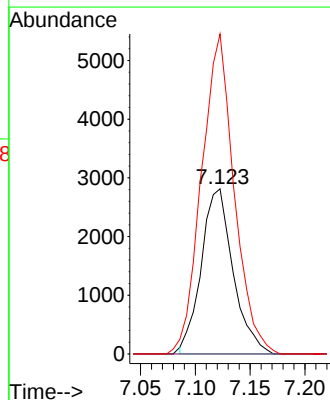
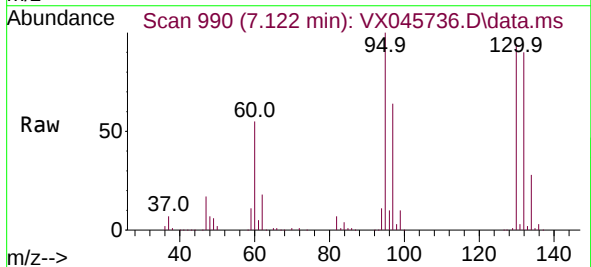
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409

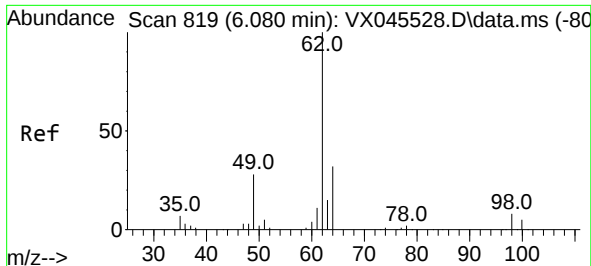
Tgt Ion:117 Resp: 4109
Ion Ratio Lower Upper
117 100
119 74.5 76.9 115.3#
121 22.1 24.2 36.2#



#39
Methylcyclohexane
Concen: 3.685 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion: 83 Resp: 5671
Ion Ratio Lower Upper
83 100
55 0.0 64.9 97.3#
98 193.7 37.4 56.0#





#42

1,2-Dichloroethane

Concen: 0.267 ug/l

RT: 6.098 min Scan# 819

Delta R.T. 0.018 min

Lab File: VX045736.D

Acq: 11 Apr 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

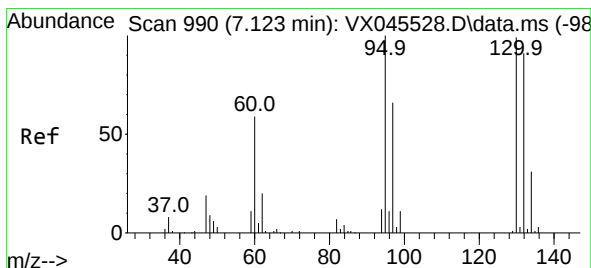
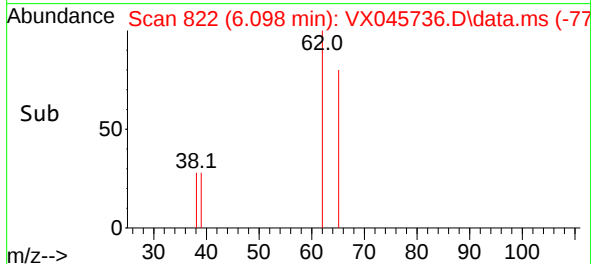
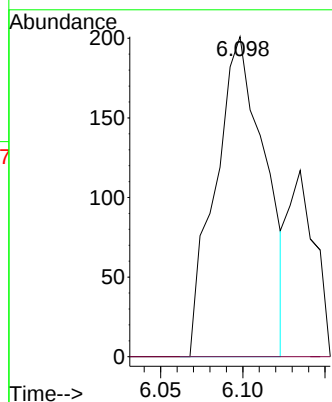
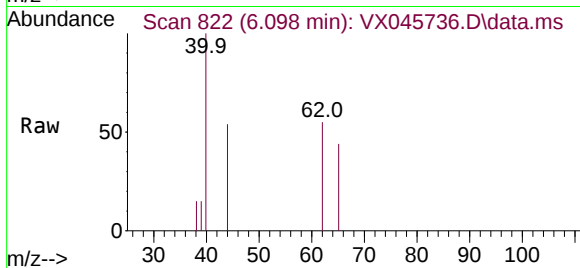
BP-TT190D1-GW-20250409

Tgt Ion: 62 Resp: 423

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.2



#44

Trichloroethene

Concen: 443.842 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045736.D

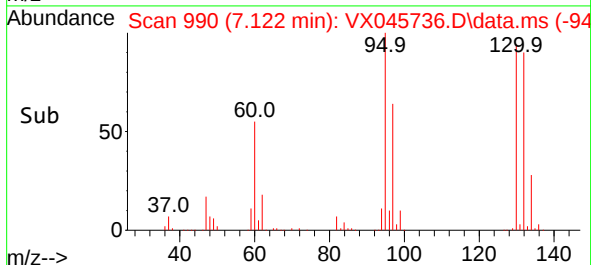
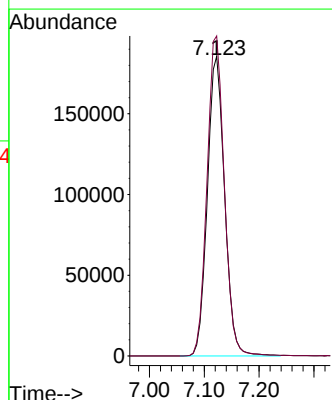
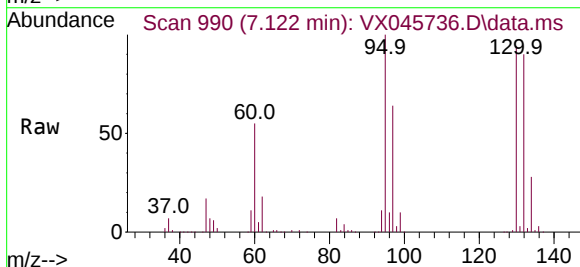
Acq: 11 Apr 2025 13:08

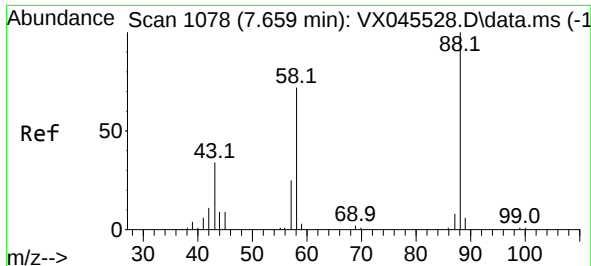
Tgt Ion:130 Resp: 404492

Ion Ratio Lower Upper

130 100

95 106.8 0.0 202.0





#49

1,4-Dioxane

Concen: 3.393 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.024 min

Lab File: VX045736.D

Acq: 11 Apr 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

BP-TT190D1-GW-20250409

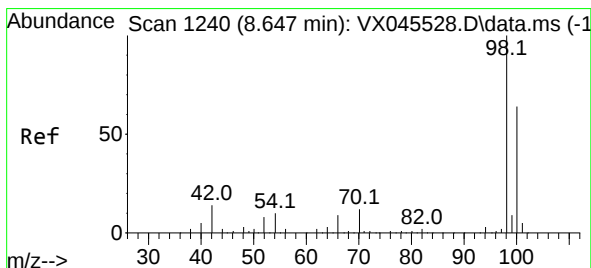
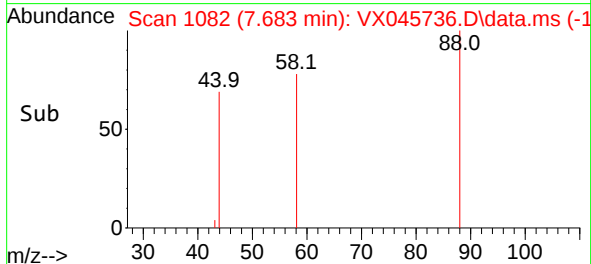
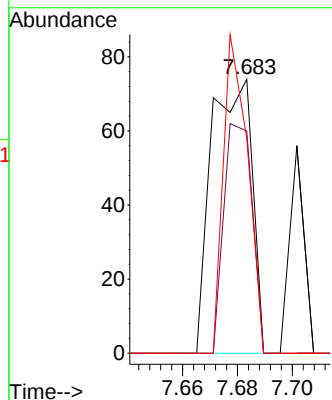
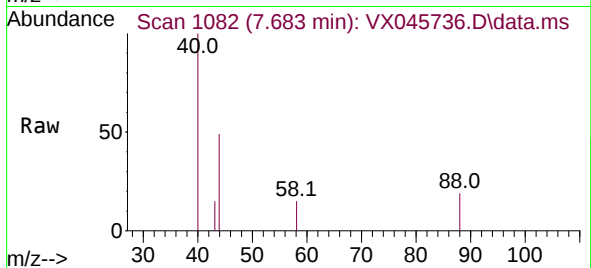
Tgt Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

43 59.2 32.2 48.4#

58 69.7 58.6 88.0



#50

Toluene-d8

Concen: 50.659 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045736.D

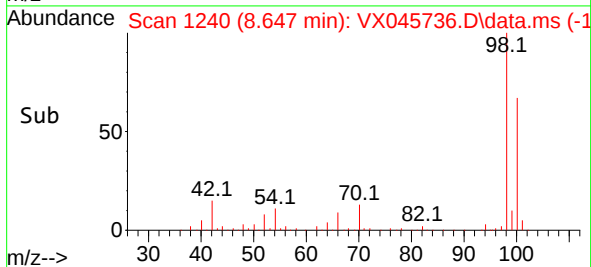
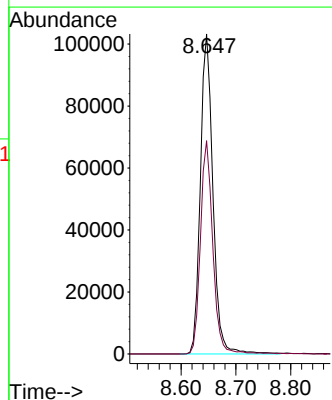
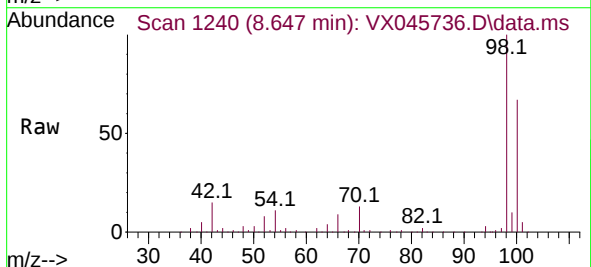
Acq: 11 Apr 2025 13:08

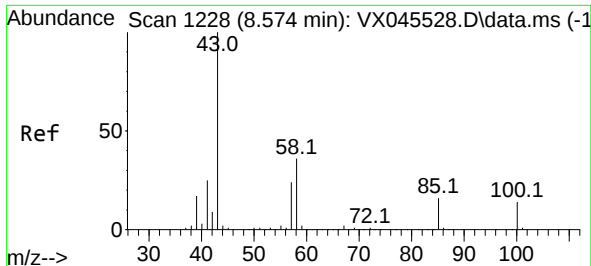
Tgt Ion: 98 Resp: 164412

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4

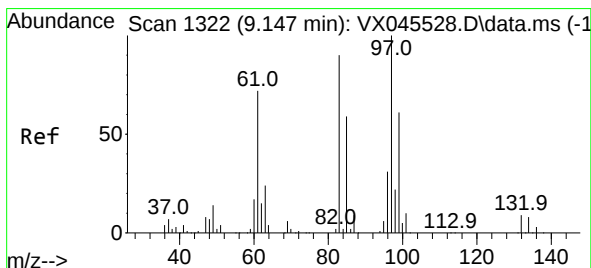
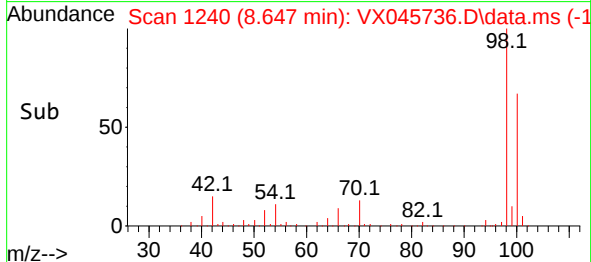
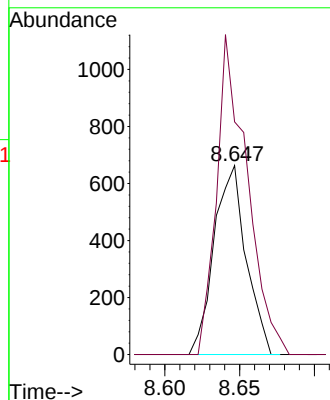
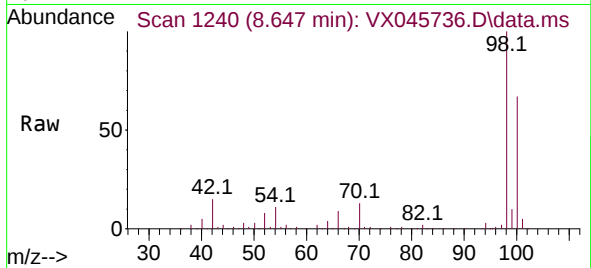




#51
4-Methyl-2-Pentanone
Concen: 0.622 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

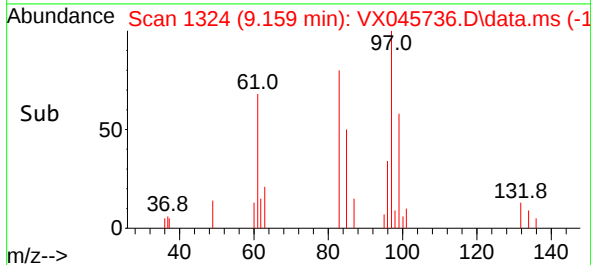
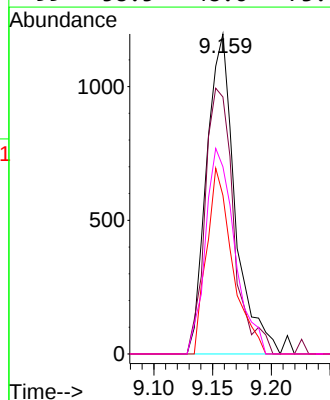
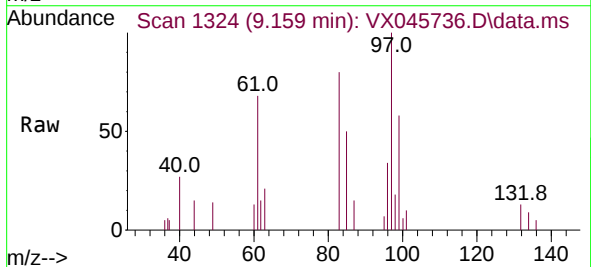
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409

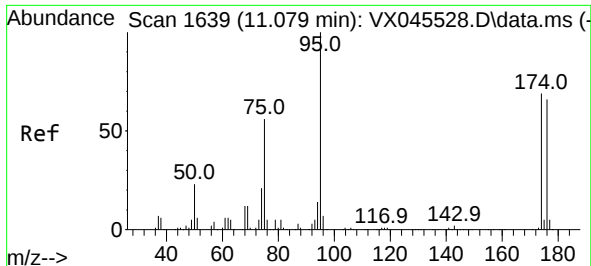
Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 160.5 28.5 42.7#



#55
1,1,2-Trichloroethane
Concen: 2.188 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.012 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion: 97 Resp: 2023
Ion Ratio Lower Upper
97 100
83 80.3 71.8 107.8
85 49.5 47.0 70.6
99 58.5 48.6 73.0





#62

4-Bromofluorobenzene

Concen: 51.670 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045736.D

Acq: 11 Apr 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

BP-TT190D1-GW-20250409

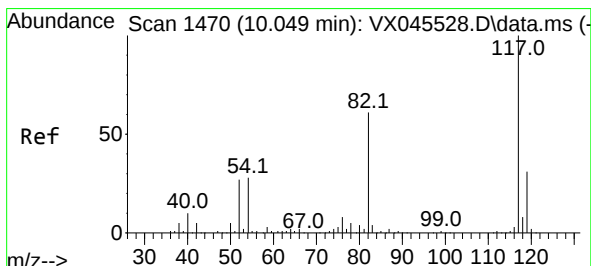
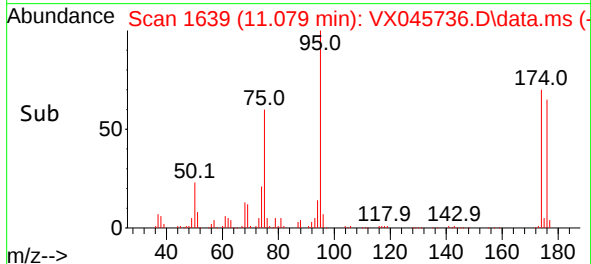
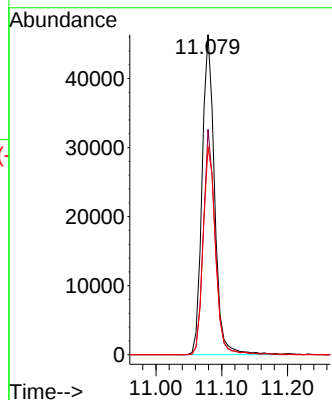
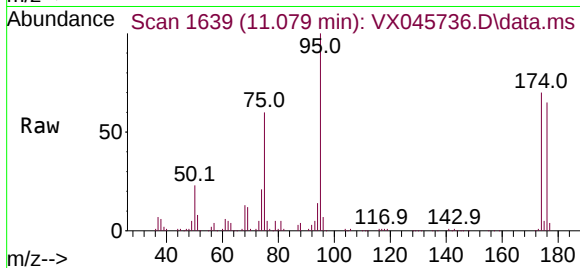
Tgt Ion: 95 Resp: 61082

Ion Ratio Lower Upper

95 100

174 66.7 0.0 135.8

176 64.7 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045736.D

Acq: 11 Apr 2025 13:08

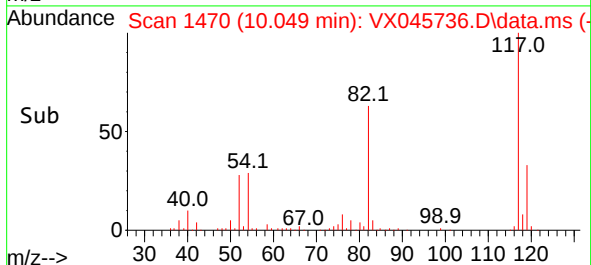
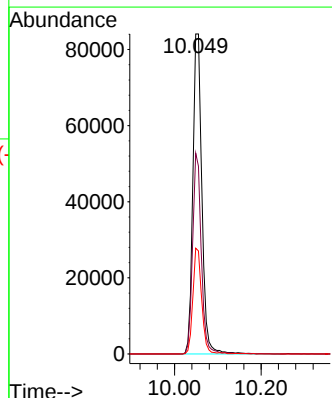
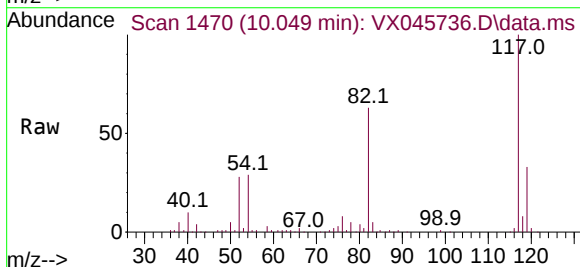
Tgt Ion: 117 Resp: 122019

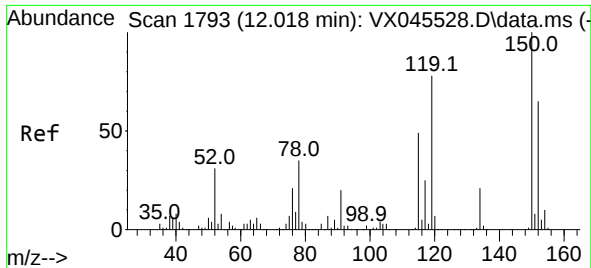
Ion Ratio Lower Upper

117 100

82 62.7 49.2 73.8

119 33.1 25.1 37.7

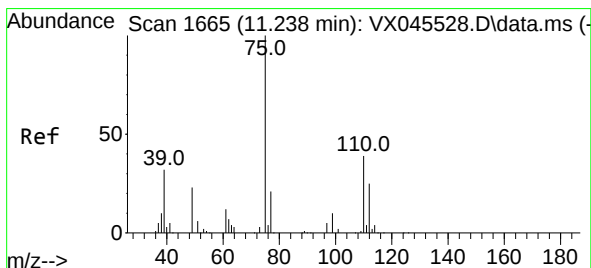
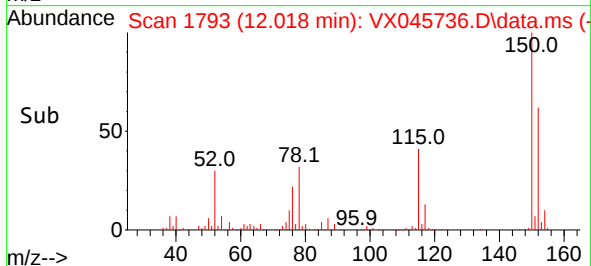
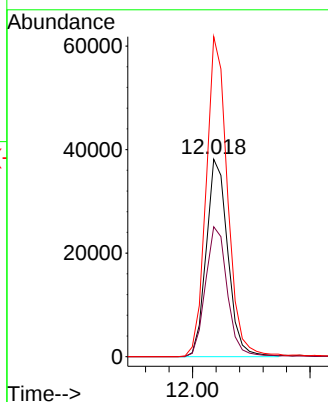
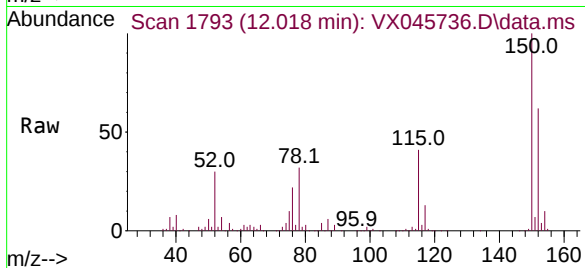




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045736.D
 Acq: 11 Apr 2025 13:08

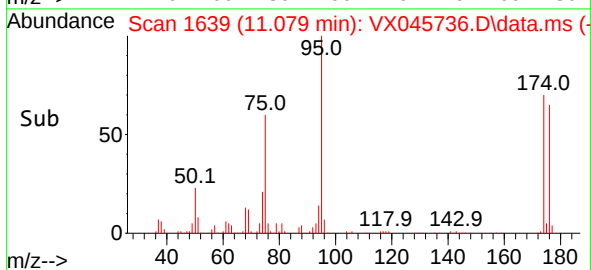
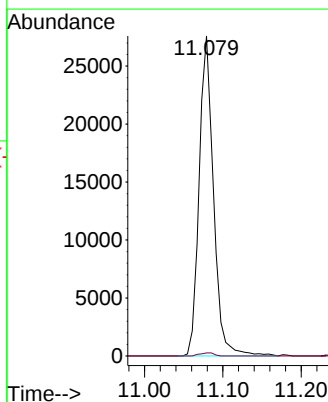
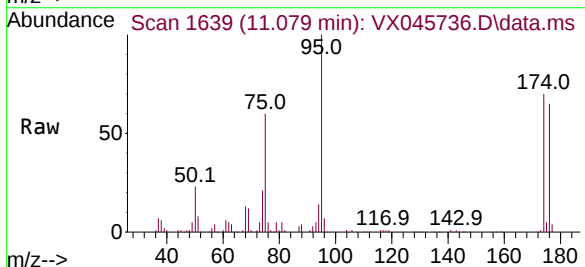
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT190D1-GW-20250409

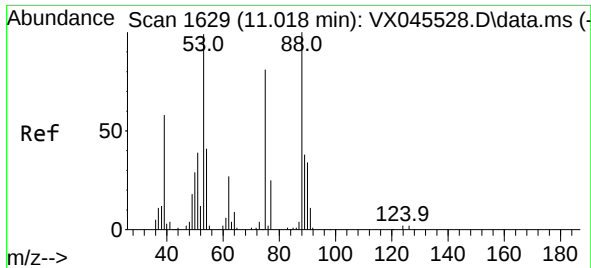
Tgt Ion:152 Resp: 48475
 Ion Ratio Lower Upper
 152 100
 115 67.3 46.9 140.7
 150 161.6 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 29.780 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045736.D
 Acq: 11 Apr 2025 13:08

Tgt Ion: 75 Resp: 35212
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.068 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045736.D
 Acq: 11 Apr 2025 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT190D1-GW-20250409

Tgt Ion: 75 Resp: 35212
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

