

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045746.D
 Acq On : 11 Apr 2025 17:00
 Operator : JC/MD
 Sample : Q1773-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Apr 11 23:06:37 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)

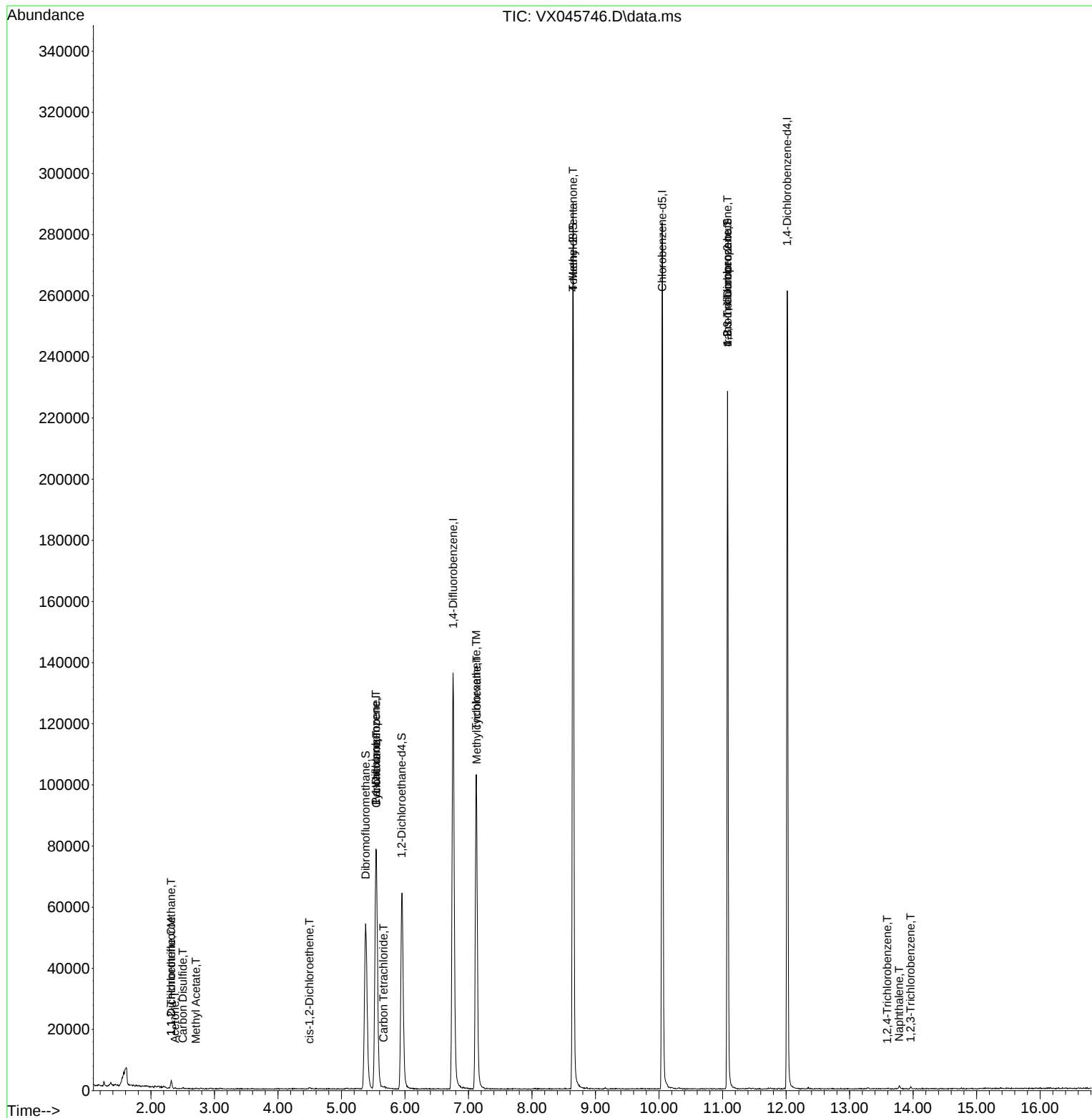
Internal Standards						
1) Pentafluorobenzene	5.544	168	66514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129658	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65219	53.618	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.240%	
35) Dibromofluoromethane	5.379	113	47248	51.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.720%	
50) Toluene-d8	8.647	98	161182	50.198	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	11.079	95	59940	51.250	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	685	0.838	ug/l	91
12) 1,1-Dichloroethene	2.319	96	301	0.377	ug/l #	74
16) Acetone	2.380	43	437	0.875	ug/l #	87
17) Carbon Disulfide	2.501	76	464	0.235	ug/l #	60
18) Methyl Acetate	2.709	43	309	0.269	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	269	0.271	ug/l	62
31) Cyclohexane	5.550	56	1862	1.248	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	6784	5.462	ug/l #	50
38) Carbon Tetrachloride	5.659	117	323	0.241	ug/l #	61
39) Methylcyclohexane	7.129	83	484	0.318	ug/l #	1
44) Trichloroethene	7.123	130	38049	42.200	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	945	0.601	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34388	28.685	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34388	97.354	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	230	0.251	ug/l #	61
95) Naphthalene	13.780	128	1125	0.330	ug/l #	76
96) 1,2,3-Trichlorobenzene	13.963	180	236	0.246	ug/l	69

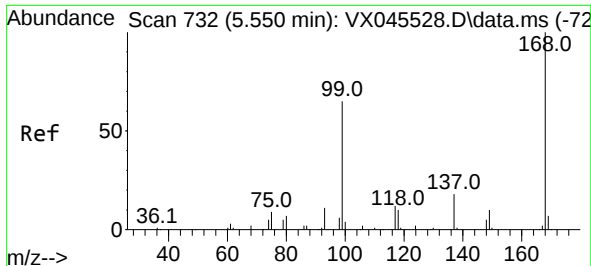
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
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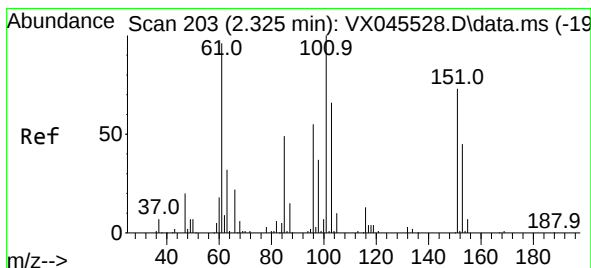
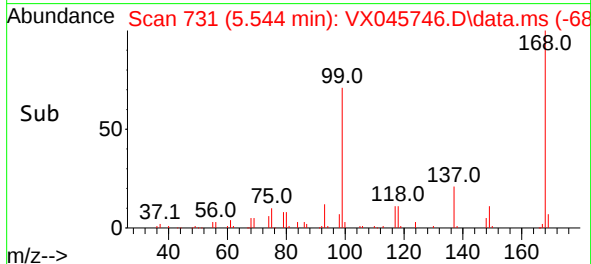
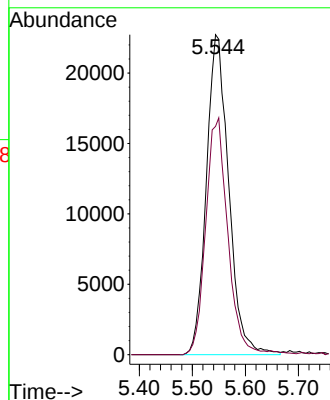
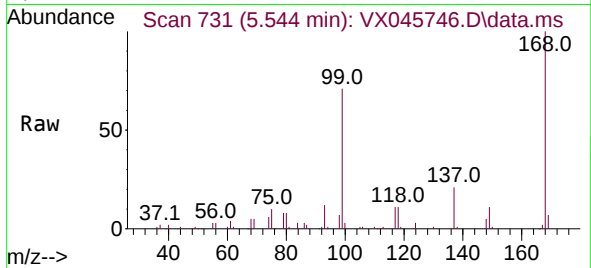




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

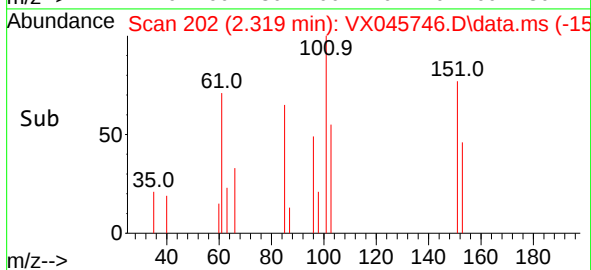
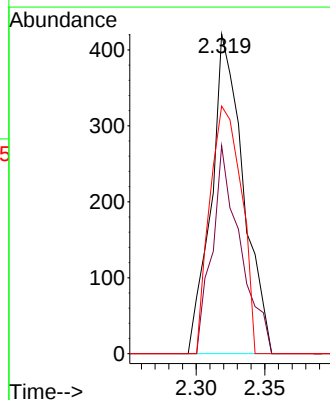
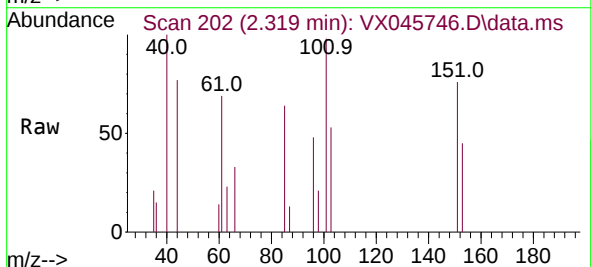
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409DL

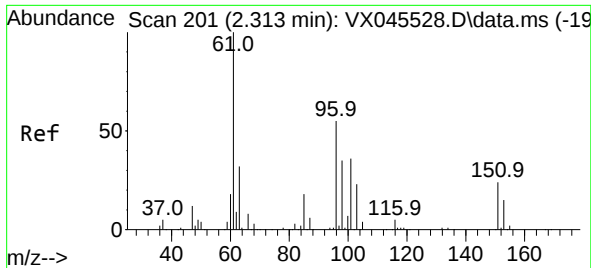
Tgt Ion:168 Resp: 66514
Ion Ratio Lower Upper
168 100
99 71.4 52.3 78.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.838 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

Tgt Ion:101 Resp: 685
Ion Ratio Lower Upper
101 100
85 57.4 38.9 58.3
151 76.5 57.5 86.3

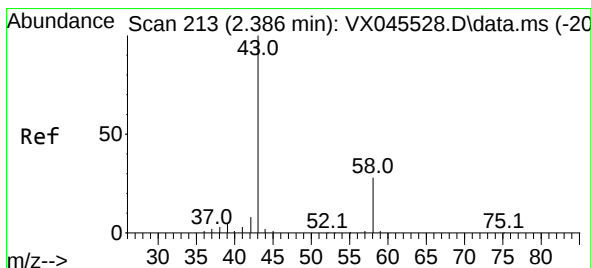
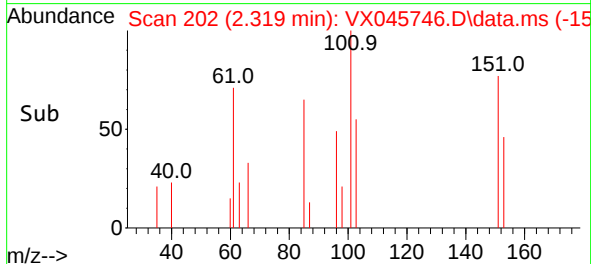
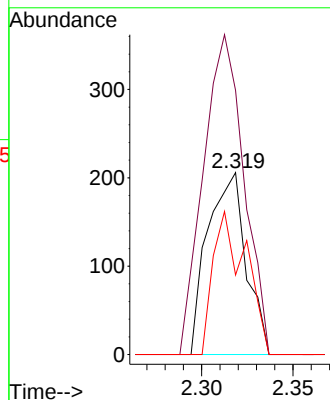
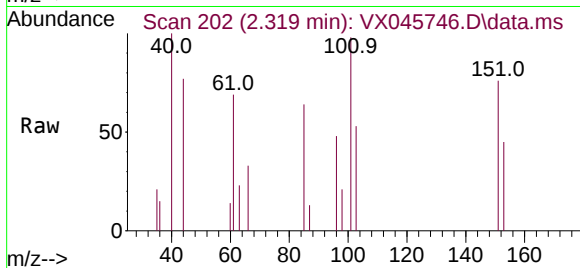




#12
1,1-Dichloroethene
Concen: 0.377 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

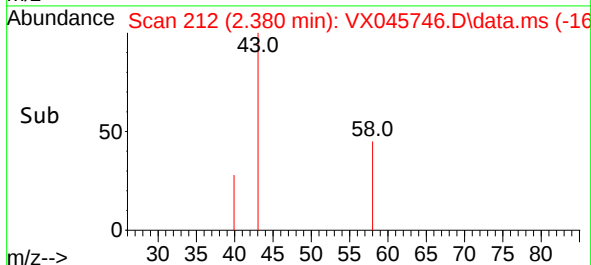
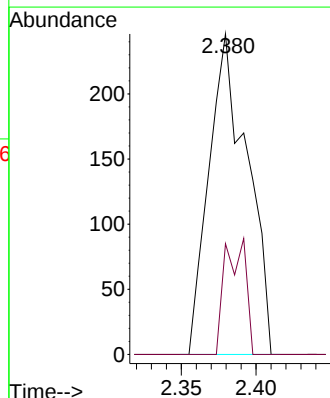
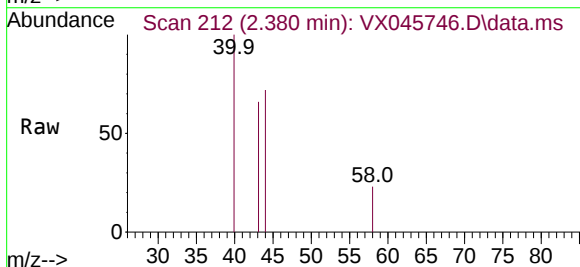
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409DL

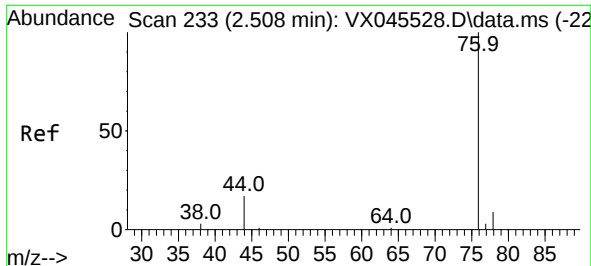
Tgt Ion: 96 Resp: 301
Ion Ratio Lower Upper
96 100
61 145.1 145.7 218.5#
98 43.7 51.6 77.4#



#16
Acetone
Concen: 0.875 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
58 34.6 22.3 33.5#





#17

Carbon Disulfide

Concen: 0.235 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045746.D

Acq: 11 Apr 2025 17:00

Instrument :

MSVOA_X

ClientSampleId :

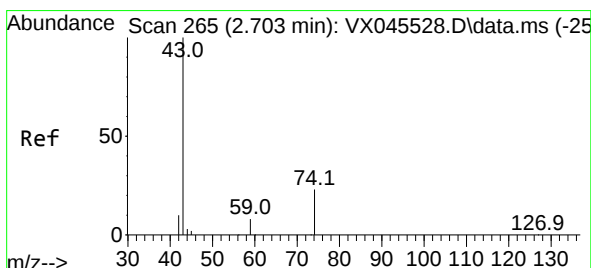
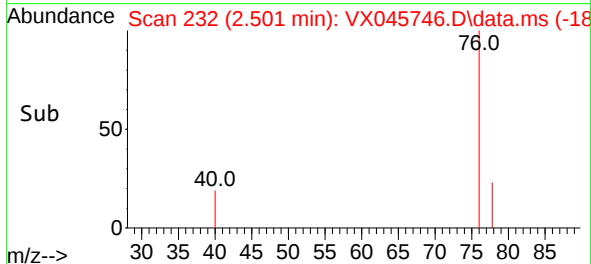
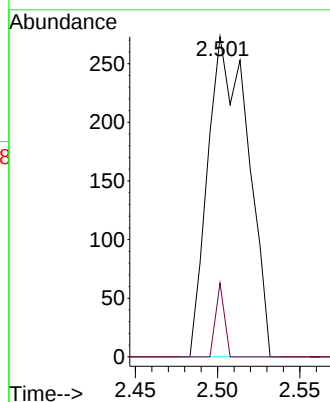
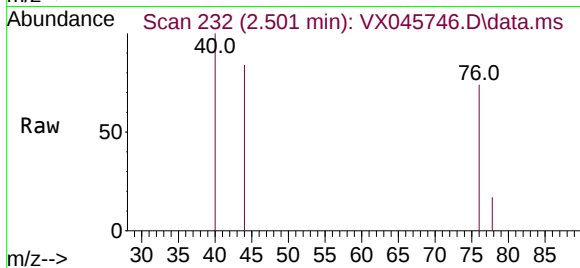
BP-TT190D1-GW-20250409DL

Tgt Ion: 76 Resp: 464

Ion Ratio Lower Upper

76 100

78 23.1 7.0 10.6#



#18

Methyl Acetate

Concen: 0.269 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX045746.D

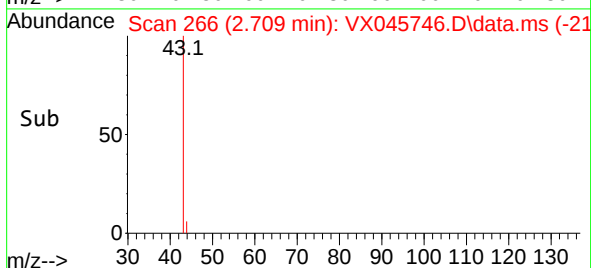
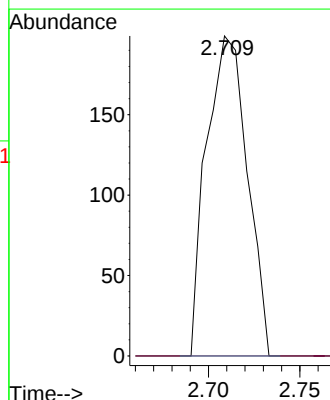
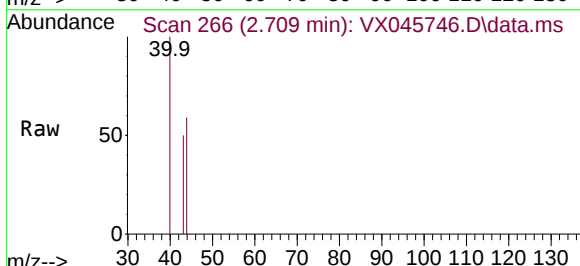
Acq: 11 Apr 2025 17:00

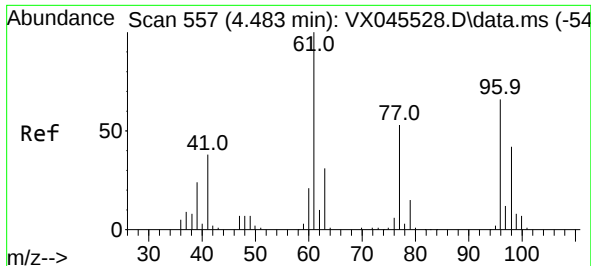
Tgt Ion: 43 Resp: 309

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#





#27

cis-1,2-Dichloroethene

Concen: 0.271 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX045746.D

Acq: 11 Apr 2025 17:00

Instrument :

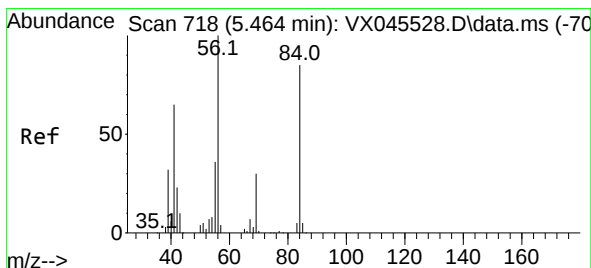
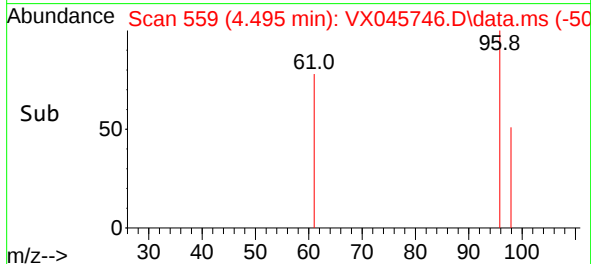
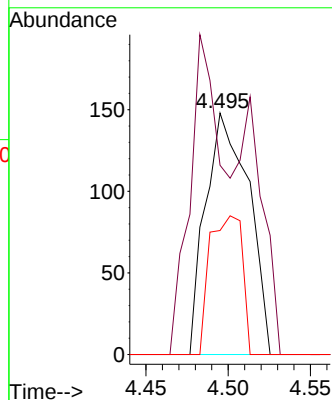
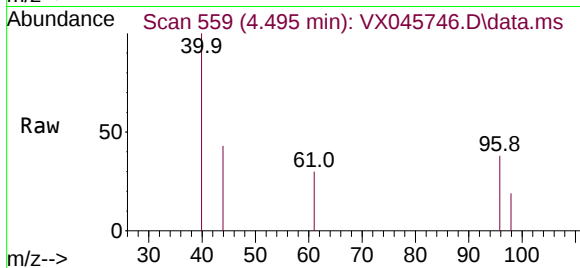
MSVOA_X

ClientSampleId :

BP-TT190D1-GW-20250409DL

Tgt Ion: 96 Resp: 269

Ion	Ratio	Lower	Upper
96	100		
61	100.0	0.0	313.2
98	43.1	0.0	126.4



#31

Cyclohexane

Concen: 1.248 ug/l

RT: 5.550 min Scan# 732

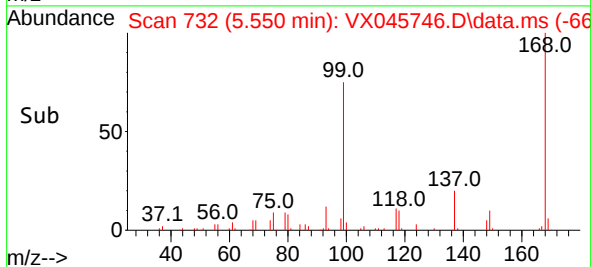
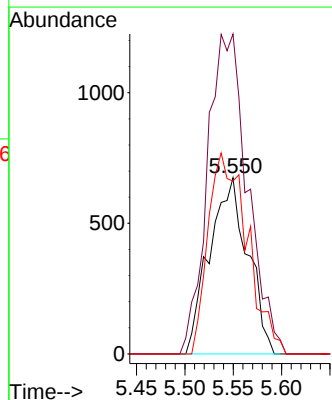
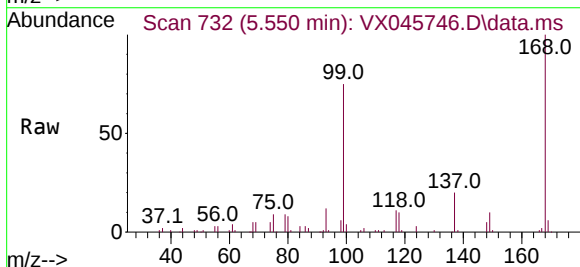
Delta R.T. 0.085 min

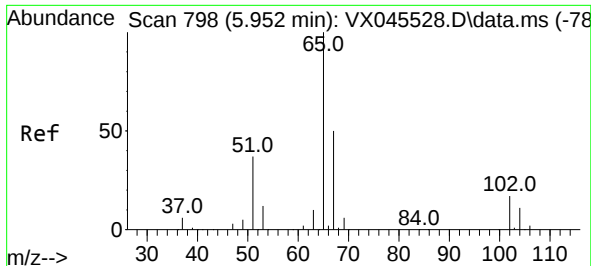
Lab File: VX045746.D

Acq: 11 Apr 2025 17:00

Tgt Ion: 56 Resp: 1862

Ion	Ratio	Lower	Upper
56	100		
69	181.8	23.6	35.4#
84	98.2	67.7	101.5





#33

1,2-Dichloroethane-d4

Concen: 53.618 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045746.D

Acq: 11 Apr 2025 17:00

Instrument :

MSVOA_X

ClientSampleId :

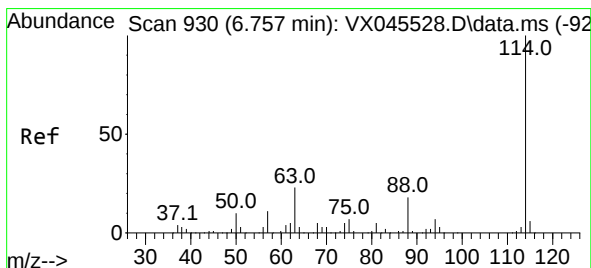
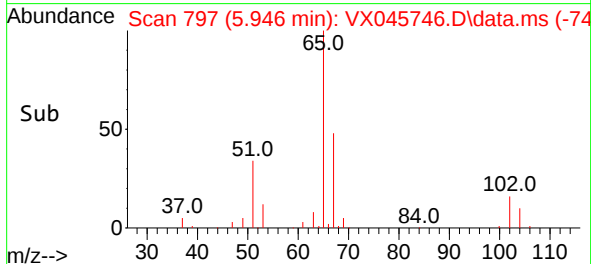
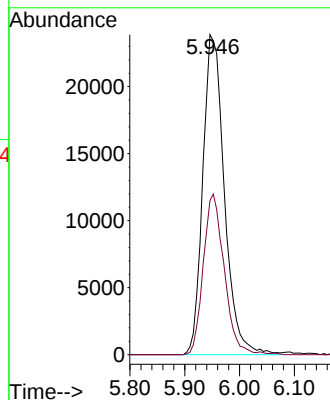
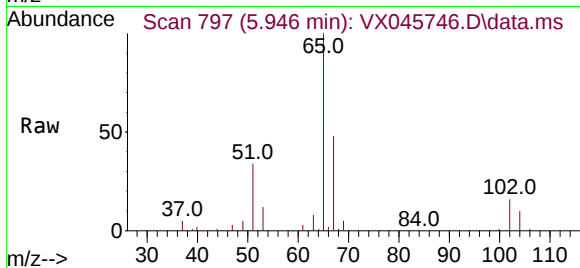
BP-TT190D1-GW-20250409DL

Tgt Ion: 65 Resp: 65219

Ion Ratio Lower Upper

65 100

67 48.7 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: VX045746.D

Acq: 11 Apr 2025 17:00

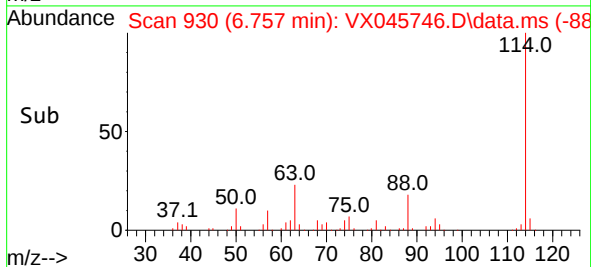
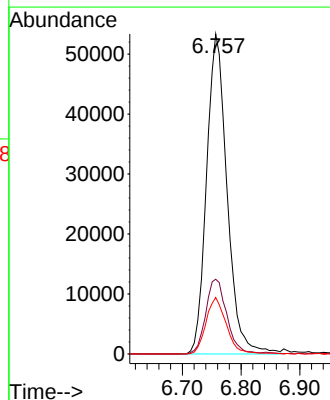
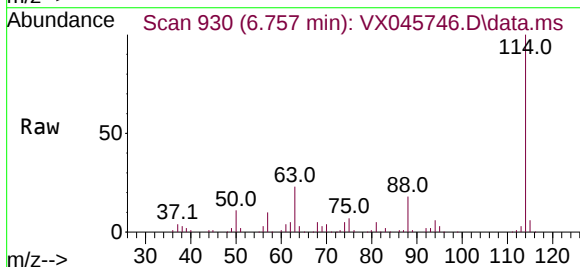
Tgt Ion: 114 Resp: 129658

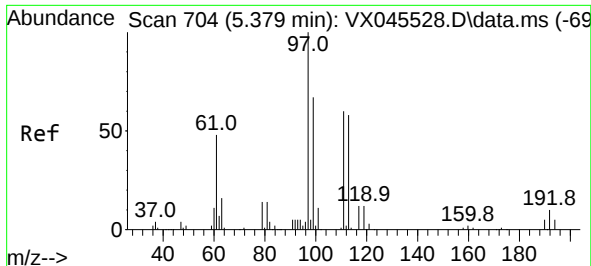
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.8

88 17.7 0.0 35.4

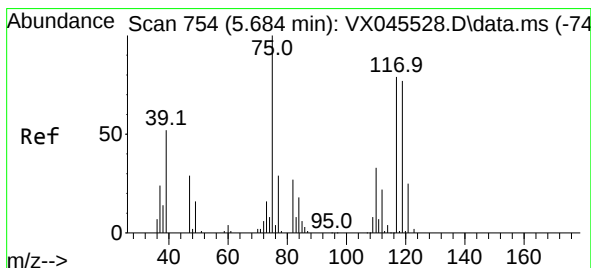
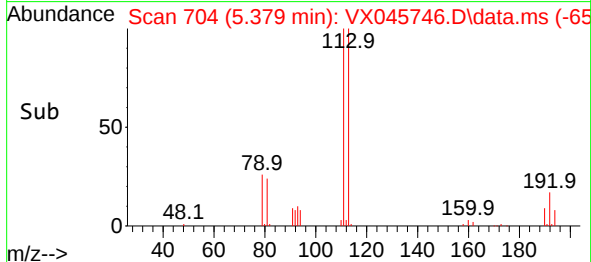
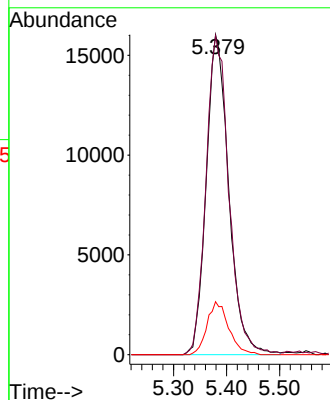
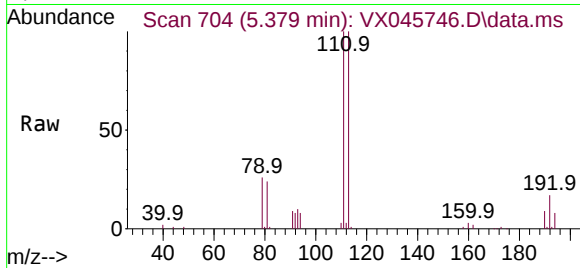




#35
Dibromofluoromethane
Concen: 51.361 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

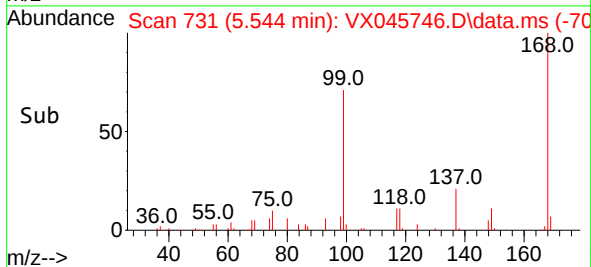
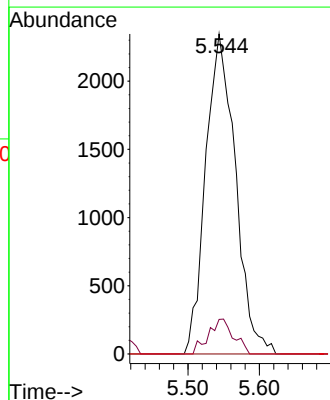
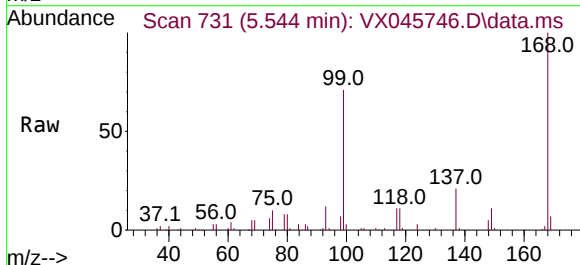
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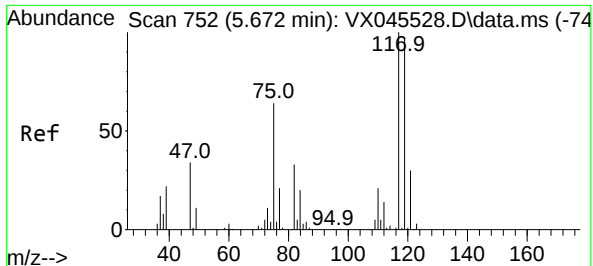
Tgt Ion:113 Resp: 47248
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 15.9 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.462 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

Tgt Ion: 75 Resp: 6784
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.6#
77 0.0 25.0 37.4#

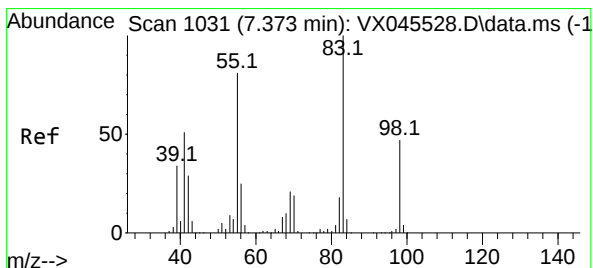
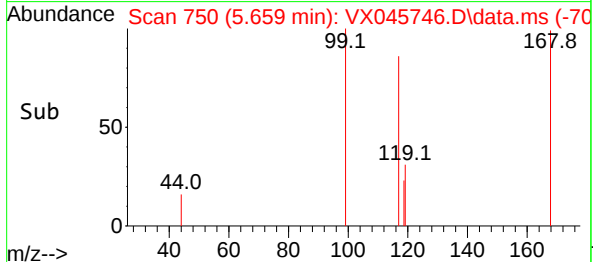
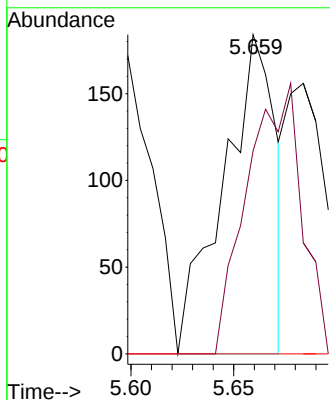
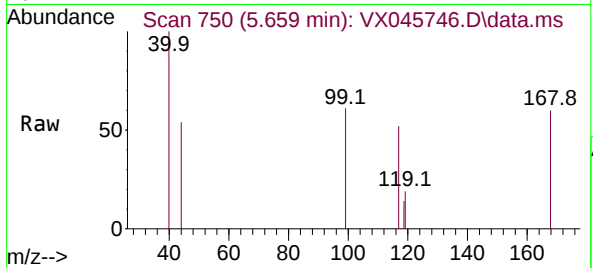




#38
Carbon Tetrachloride
Concen: 0.241 ug/l
RT: 5.659 min Scan# 711
Delta R.T. -0.012 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

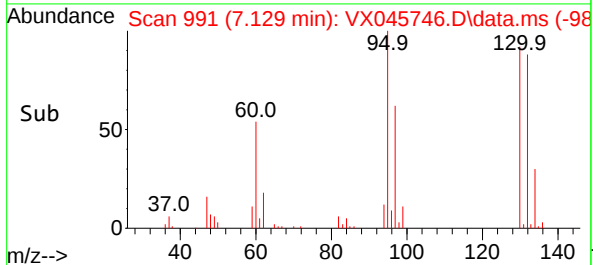
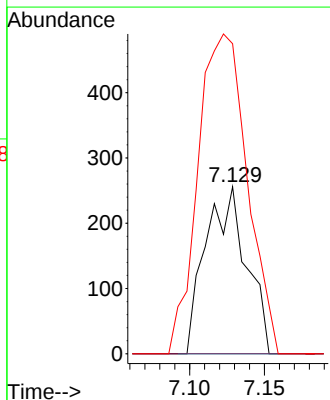
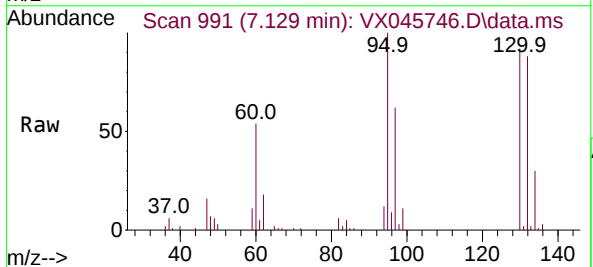
Instrument :
MSVOA_X
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BP-TT190D1-GW-20250409DL

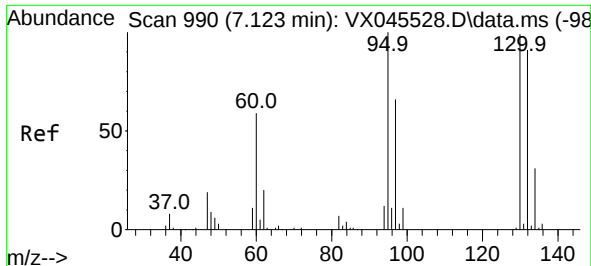
Tgt Ion:117 Resp: 323
Ion Ratio Lower Upper
117 100
119 63.6 76.9 115.3#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.318 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.244 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

Tgt Ion: 83 Resp: 484
Ion Ratio Lower Upper
83 100
55 0.0 64.9 97.3#
98 185.5 37.4 56.0#

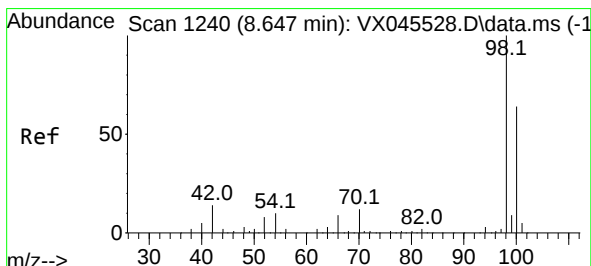
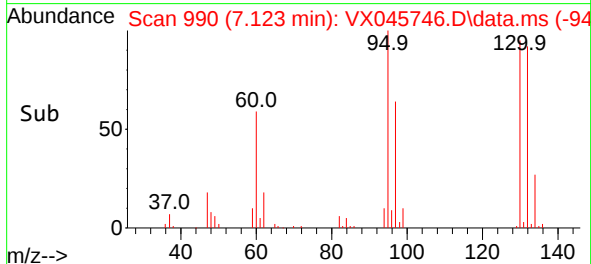
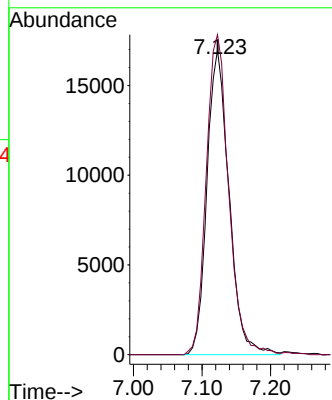
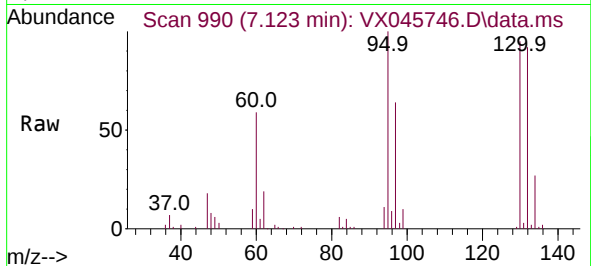




#44
Trichloroethene
Concen: 42.200 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

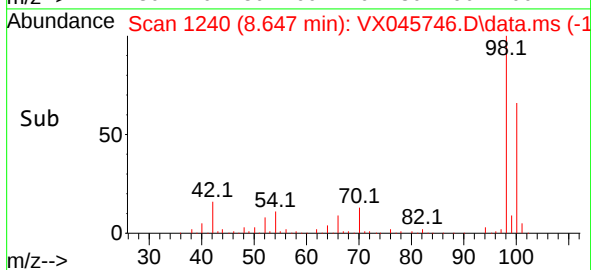
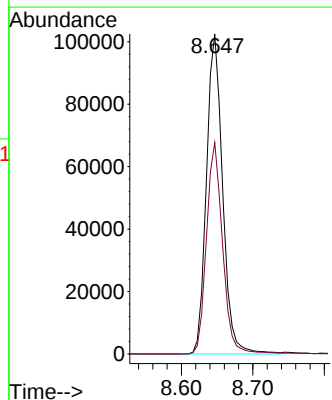
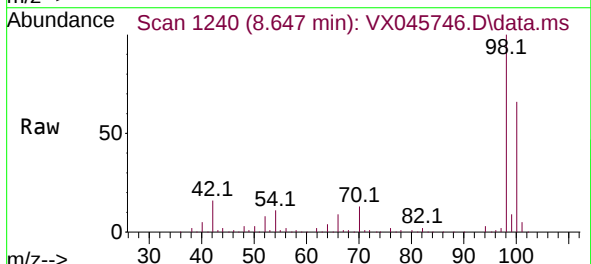
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409DL

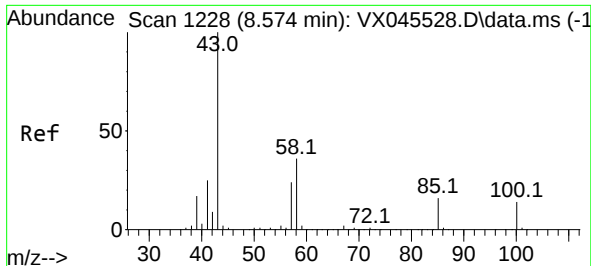
Tgt Ion:130 Resp: 38049
Ion Ratio Lower Upper
130 100
95 105.0 0.0 202.0



#50
Toluene-d8
Concen: 50.198 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

Tgt Ion: 98 Resp: 161182
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

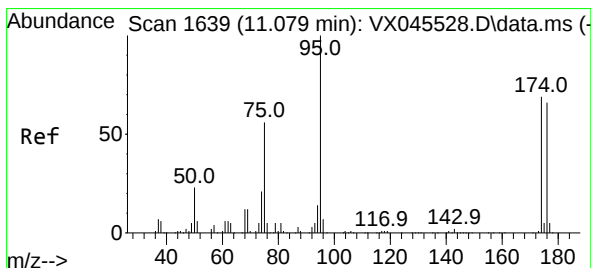
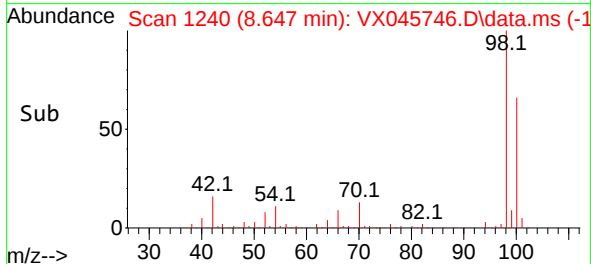
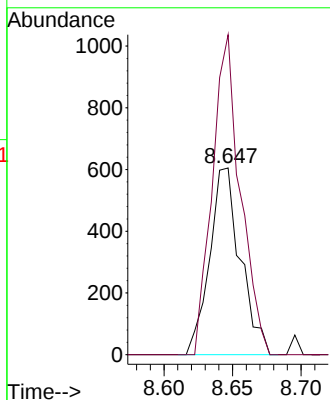
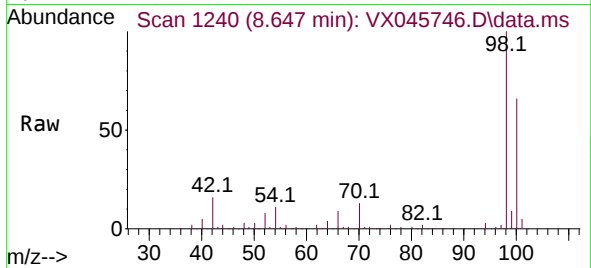




#51
4-Methyl-2-Pentanone
Concen: 0.601 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

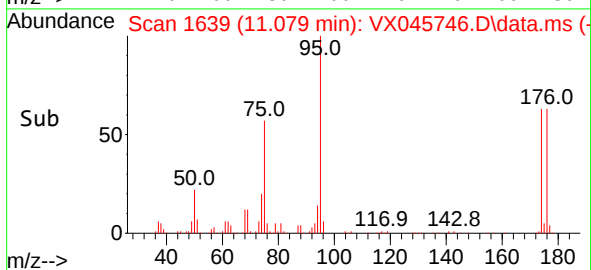
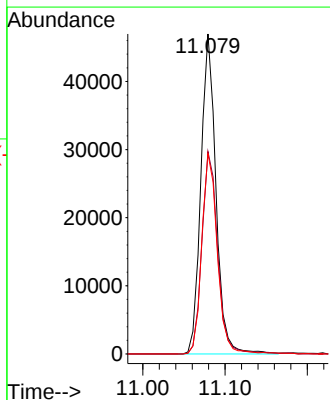
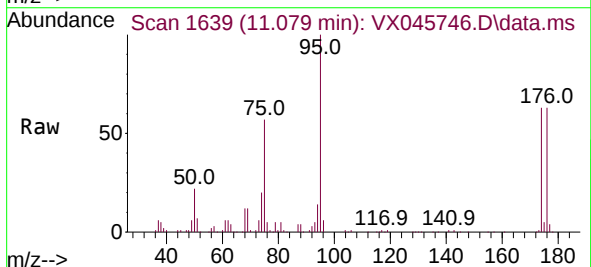
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409DL

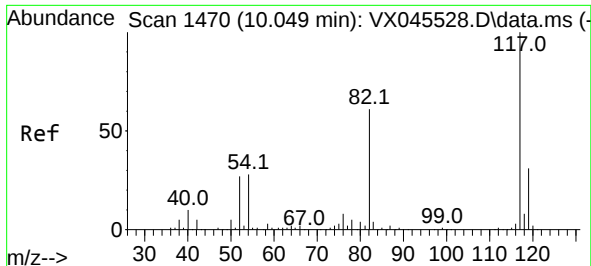
Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 156.4 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 51.250 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

Tgt Ion: 95 Resp: 59940
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 64.6 0.0 131.4

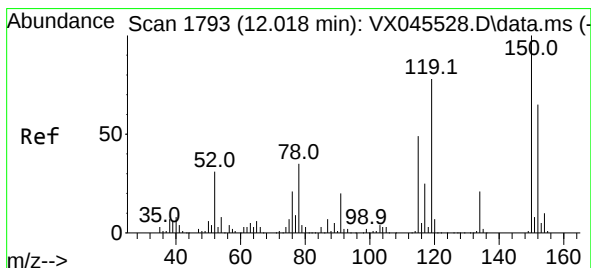
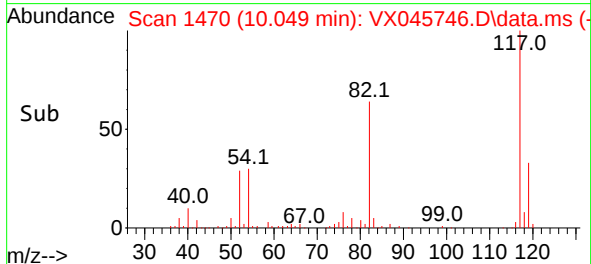
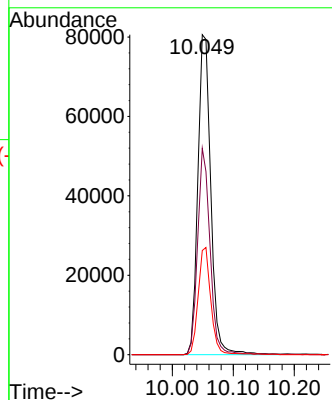
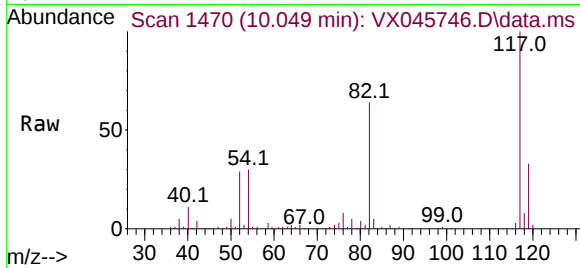




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

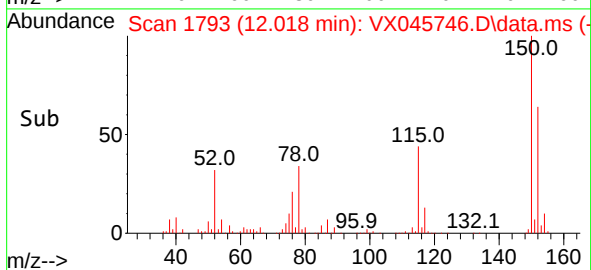
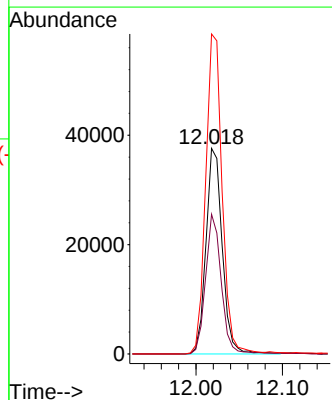
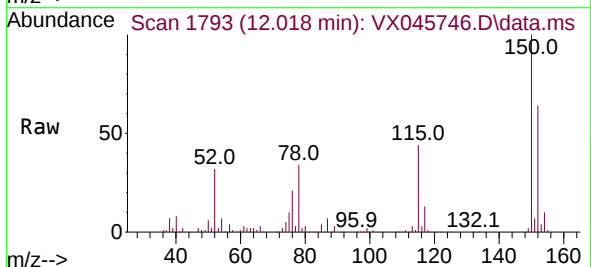
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409DL

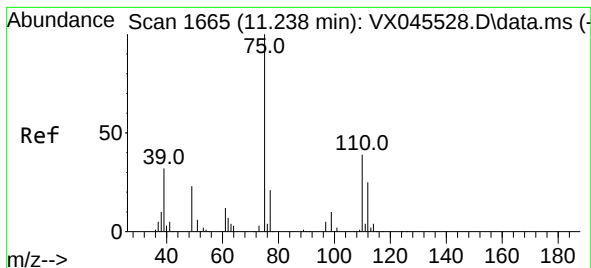
Tgt Ion:117 Resp: 118906
Ion Ratio Lower Upper
117 100
82 64.5 49.2 73.8
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

Tgt Ion:152 Resp: 49147
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 156.5 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.685 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045746.D

Acq: 11 Apr 2025 17:00

Instrument :

MSVOA_X

ClientSampleId :

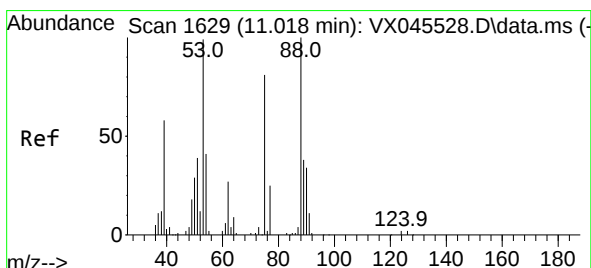
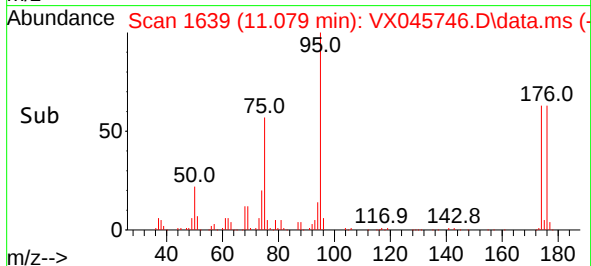
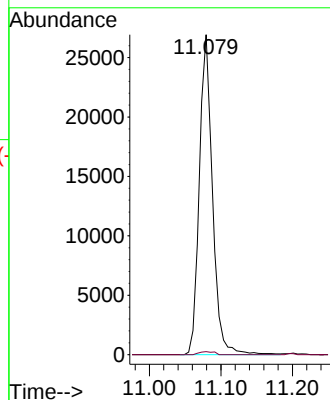
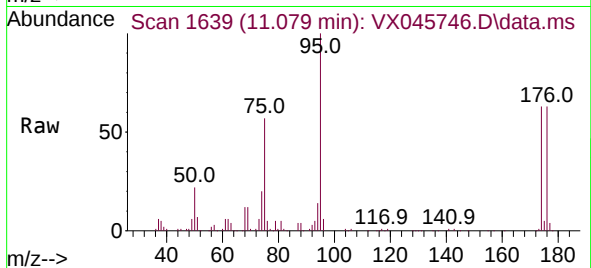
BP-TT190D1-GW-20250409DL

Tgt Ion: 75 Resp: 34388

Ion Ratio Lower Upper

75 100

77 1.1 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.354 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045746.D

Acq: 11 Apr 2025 17:00

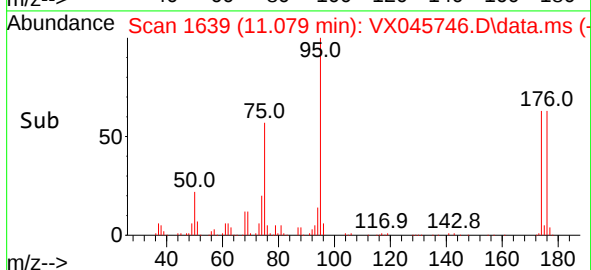
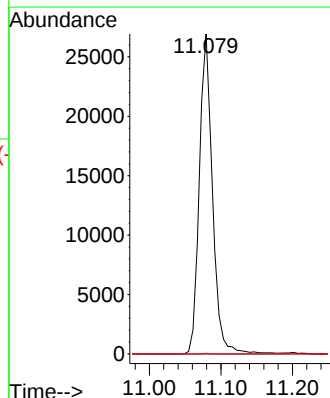
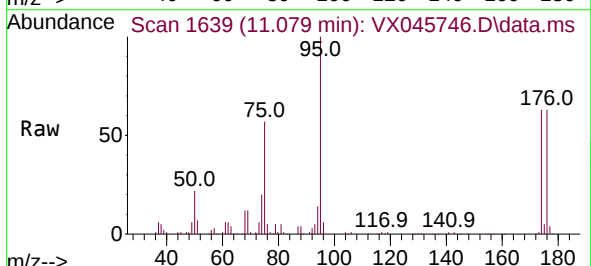
Tgt Ion: 75 Resp: 34388

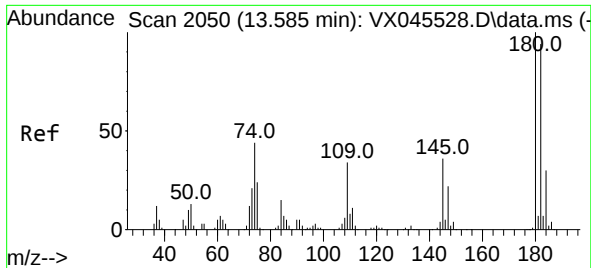
Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.1 37.2 55.8#

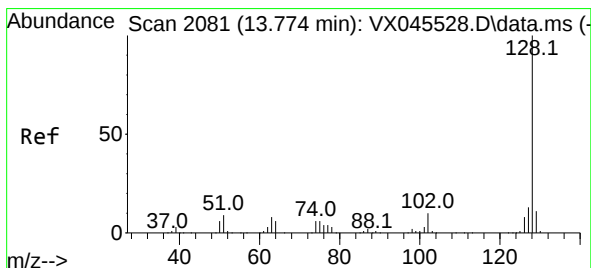
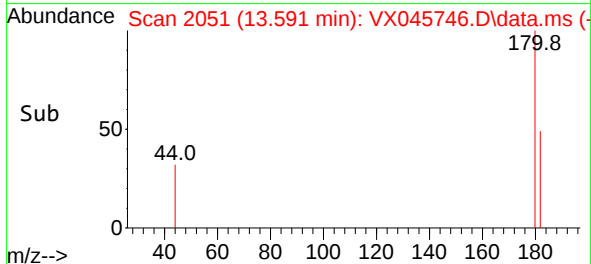
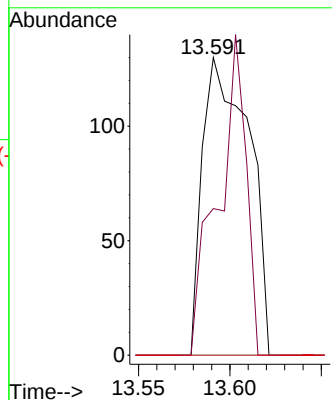
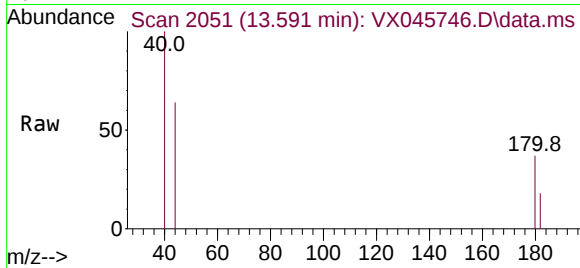




#93
1,2,4-Trichlorobenzene
Concen: 0.251 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

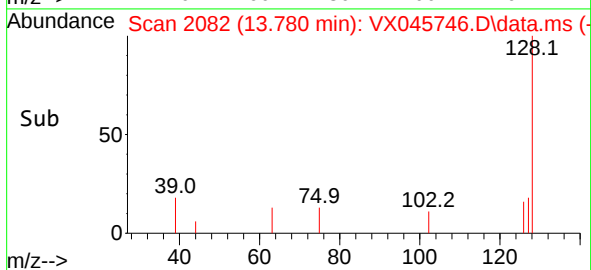
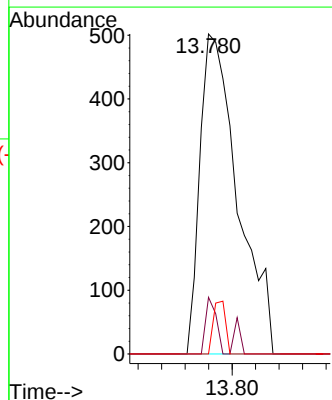
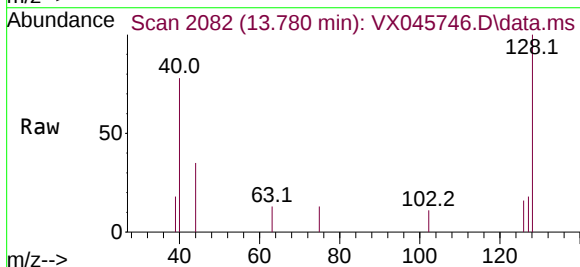
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409DL

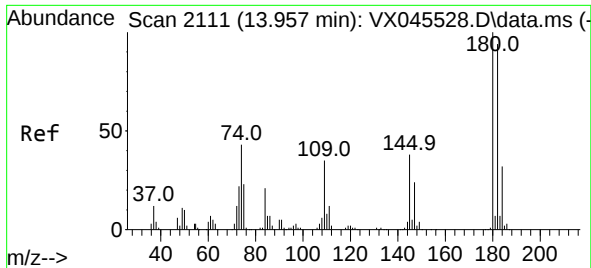
Tgt Ion:180 Resp: 230
Ion Ratio Lower Upper
180 100
182 65.2 47.9 143.6
145 0.0 17.9 53.8#



#95
Naphthalene
Concen: 0.330 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045746.D
Acq: 11 Apr 2025 17:00

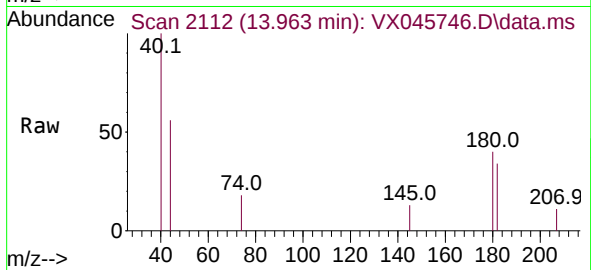
Tgt Ion:128 Resp: 1125
Ion Ratio Lower Upper
128 100
127 5.0 10.3 15.5#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.246 ug/l
 RT: 13.963 min Scan# 2111
 Delta R.T. 0.006 min
 Lab File: VX045746.D
 Acq: 11 Apr 2025 17:00

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



Tgt Ion:	180	Resp:	236
Ion	Ratio	Lower	Upper
180	100		
182	127.1	47.3	141.8
145	21.6	18.2	54.6

