

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
 Data File : VX044590.D
 Acq On : 06 Jan 2025 13:09
 Operator : JC/MD
 Sample : Q1004-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-TB-20241230

Quant Time: Jan 06 16:03:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

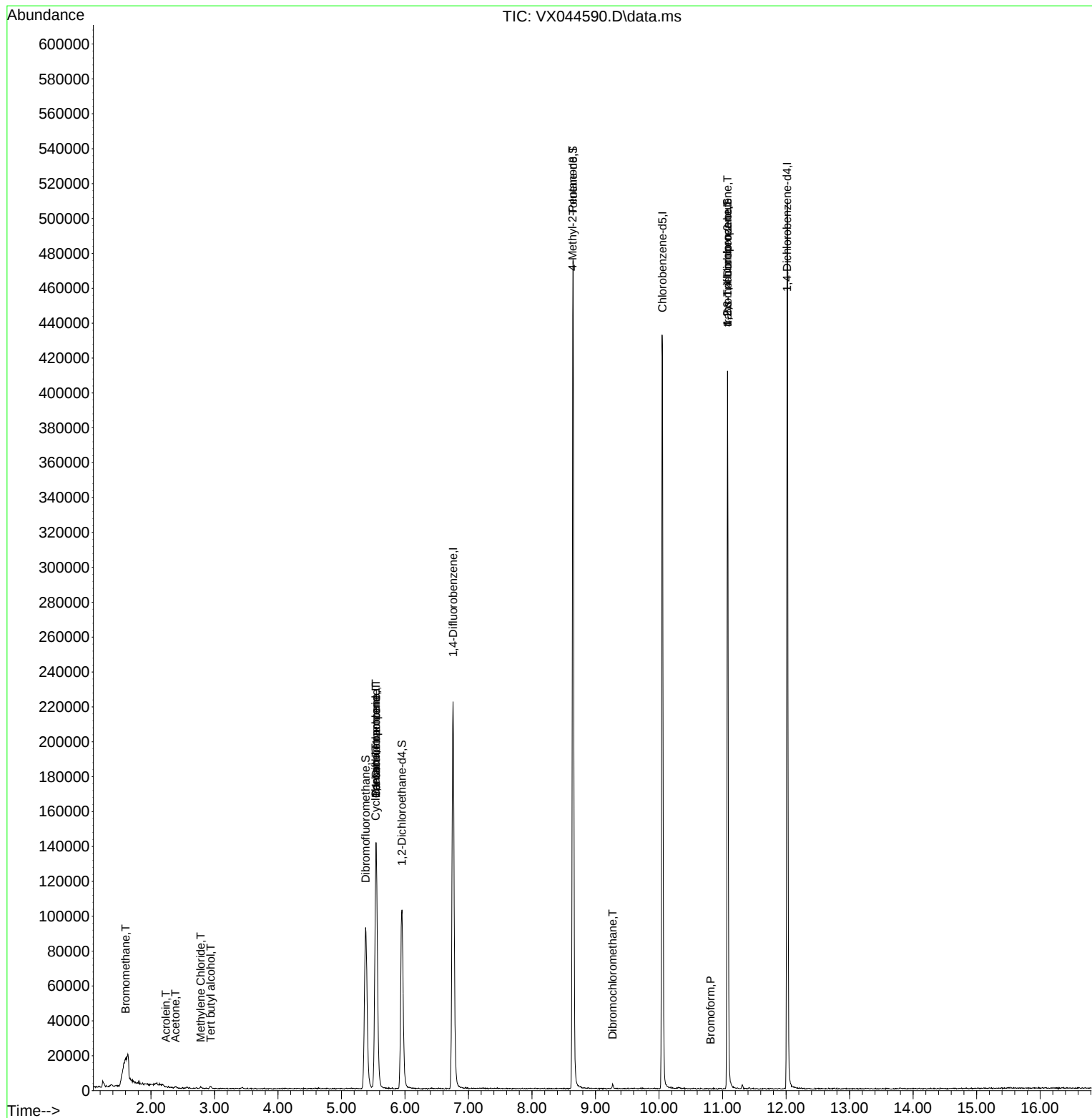
Internal Standards						
1) Pentafluorobenzene	5.544	168	131304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101596	44.130	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.260%		
35) Dibromofluoromethane	5.379	113	80287	50.989	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.980%		
50) Toluene-d8	8.647	98	282921	53.259	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.520%		
62) 4-Bromofluorobenzene	11.079	95	100838	54.325	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.640%		
Target Compounds						Qvalue
5) Bromomethane	1.599	94	439	0.306	ug/l #	44
11) Tert butyl alcohol	2.940	59	542	1.670	ug/l #	71
13) Acrolein	2.233	56	99	0.211	ug/l #	72
16) Acetone	2.386	43	791	0.843	ug/l	94
20) Methylene Chloride	2.782	84	396	0.225	ug/l #	72
31) Cyclohexane	5.538	56	3244	1.306	ug/l #	55
36) 1,1-Dichloropropene	5.544	75	10324	5.072	ug/l #	52
38) Carbon Tetrachloride	5.544	117	14122	6.445	ug/l #	18
51) 4-Methyl-2-Pentanone	8.641	43	1303	0.515	ug/l #	1
60) Dibromochloromethane	9.269	129	31	1.251	ug/l #	11
71) Bromoform	10.811	173	29	1.262	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	56329	24.062	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	56329	66.836	ug/l #	4

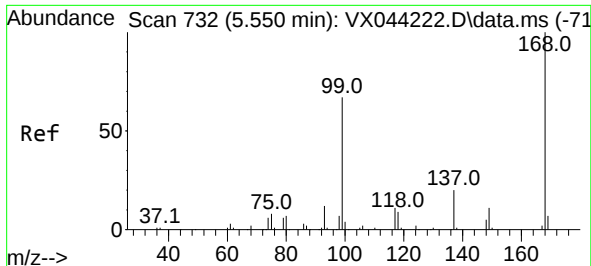
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
Data File : VX044590.D
Acq On : 06 Jan 2025 13:09
Operator : JC/MD
Sample : Q1004-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241230

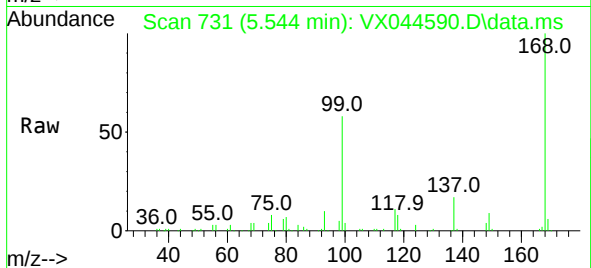
Quant Time: Jan 06 16:03:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



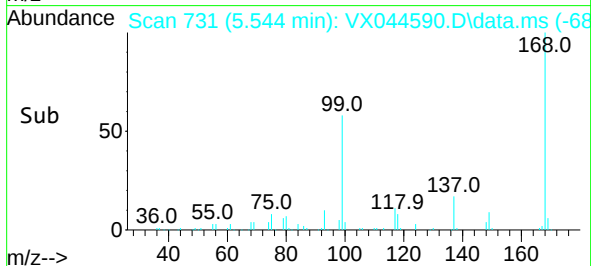
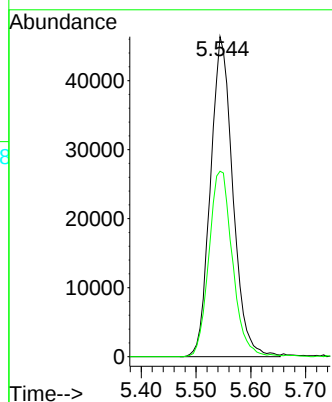


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241230

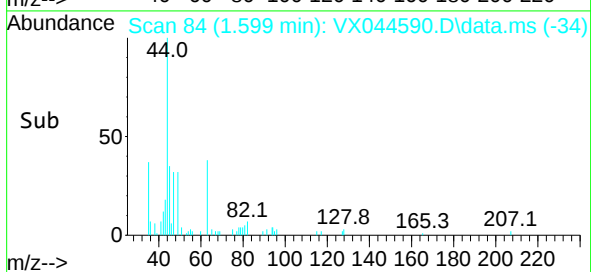
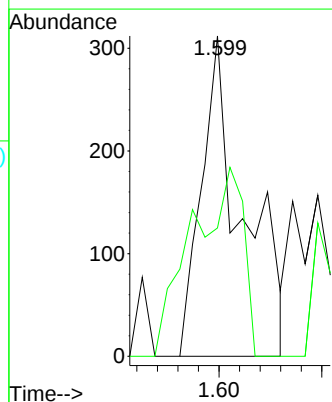
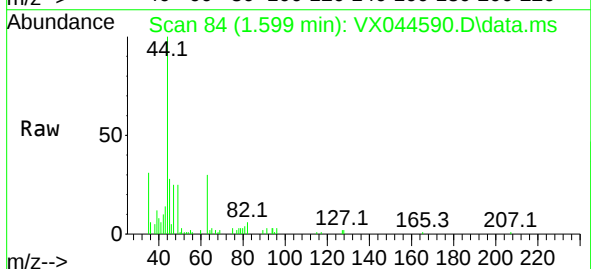


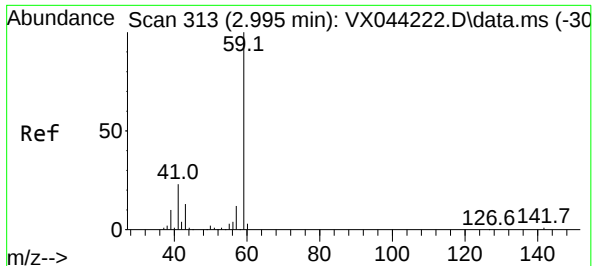
Tgt Ion:168 Resp: 131304
Ion Ratio Lower Upper
168 100
99 57.9 53.4 80.0



#5
Bromomethane
Concen: 0.306 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

Tgt Ion: 94 Resp: 439
Ion Ratio Lower Upper
94 100
96 40.1 74.9 112.3#





#11

Tert butyl alcohol

Concen: 1.670 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX044590.D

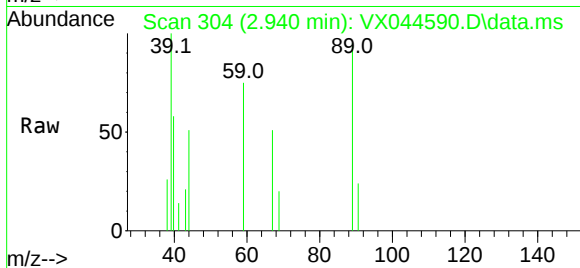
Acq: 06 Jan 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190A-TB-20241230

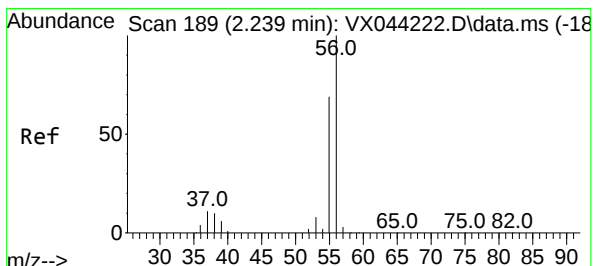
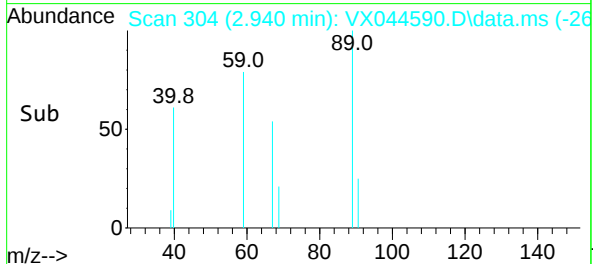
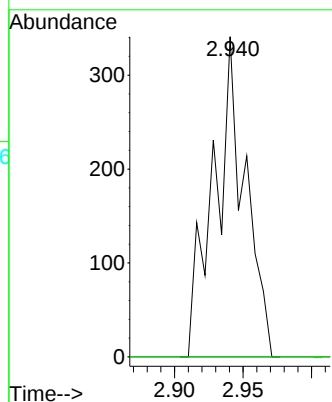


Tgt Ion: 59 Resp: 542

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#13

Acrolein

Concen: 0.211 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX044590.D

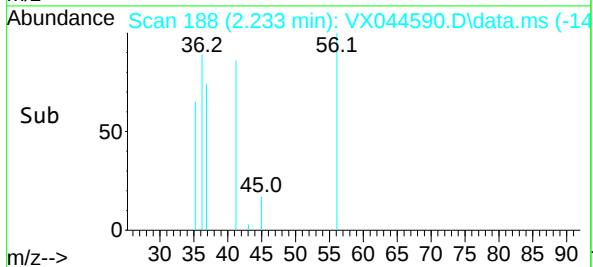
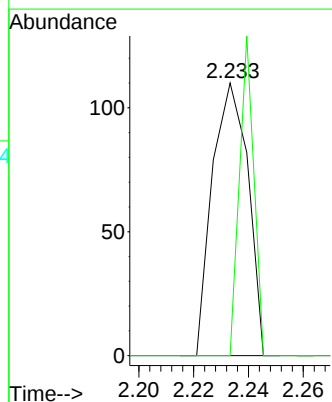
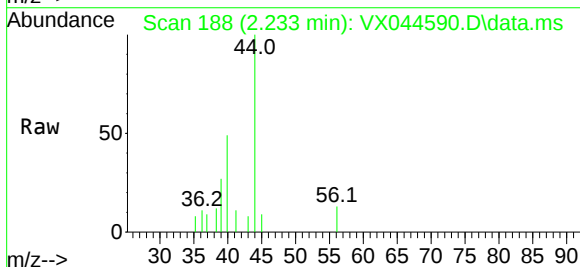
Acq: 06 Jan 2025 13:09

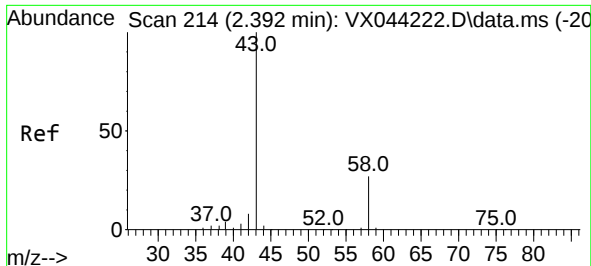
Tgt Ion: 56 Resp: 99

Ion Ratio Lower Upper

56 100

55 47.5 56.6 84.8#

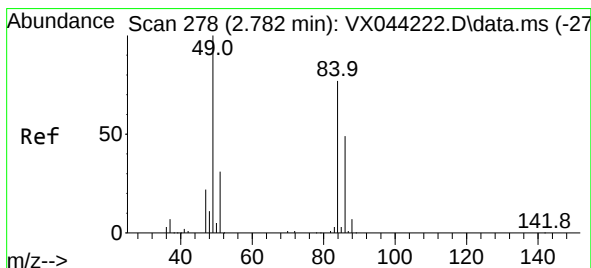
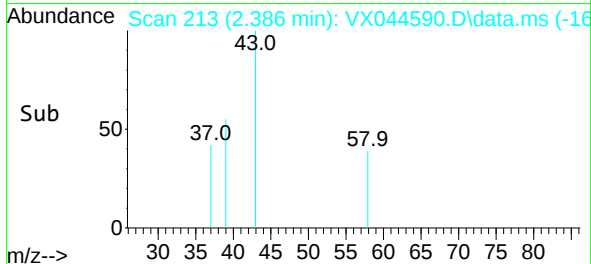
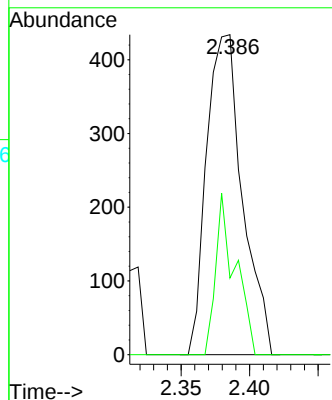
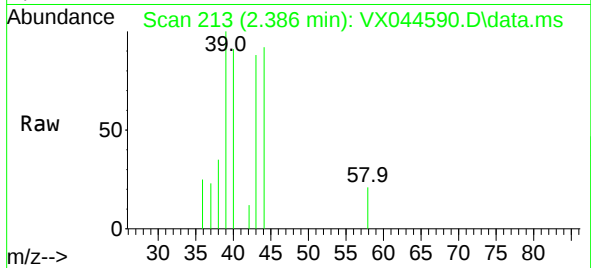




#16
Acetone
Concen: 0.843 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

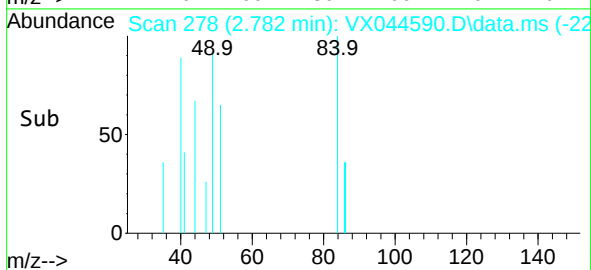
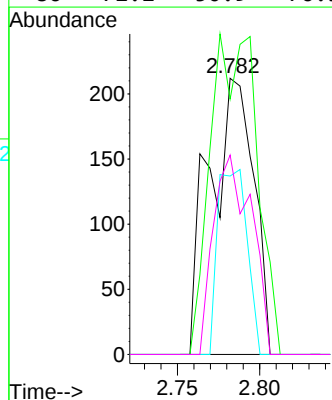
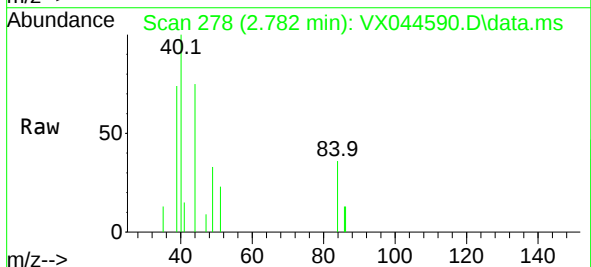
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241230

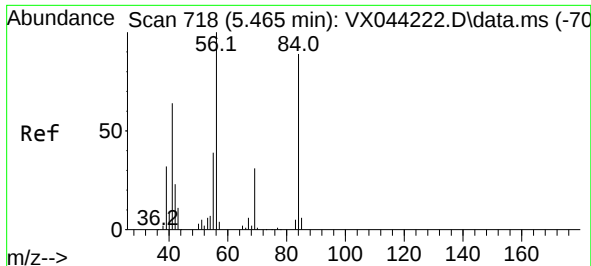
Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 24.0 21.6 32.4



#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

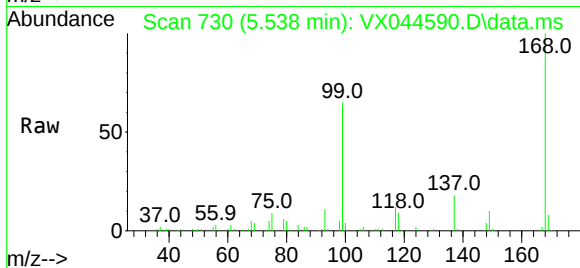
Tgt Ion: 84 Resp: 396
Ion Ratio Lower Upper
84 100
49 92.5 104.2 156.4#
51 64.6 32.2 48.4#
86 72.2 50.9 76.3



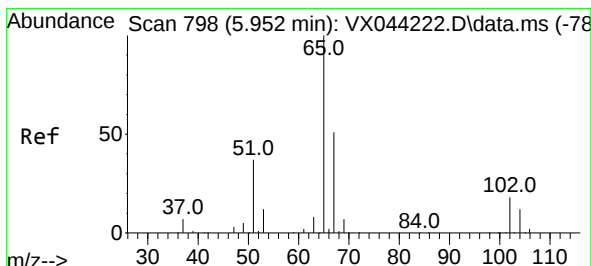
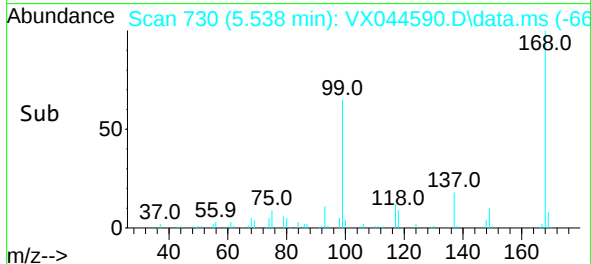
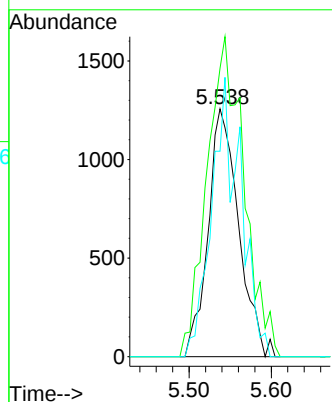


#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241230

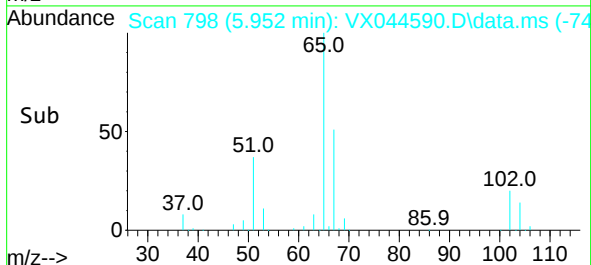
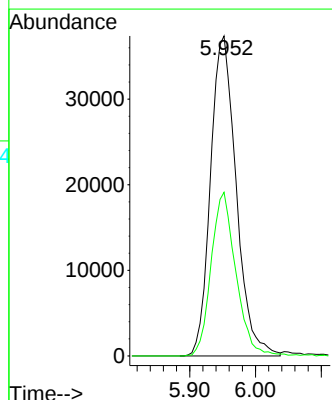
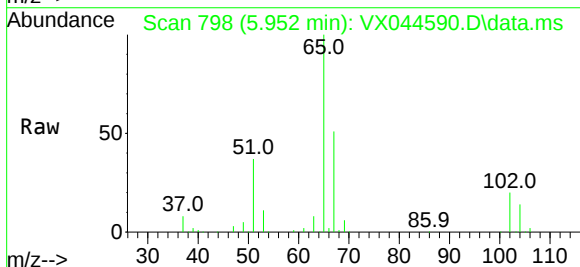


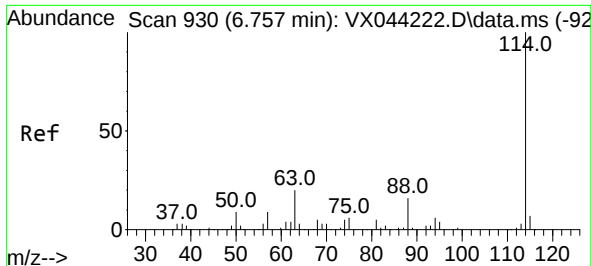
Tgt Ion: 56 Resp: 3244
Ion Ratio Lower Upper
56 100
69 116.4 24.7 37.1#
84 82.9 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 44.130 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

Tgt Ion: 65 Resp: 101596
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.6

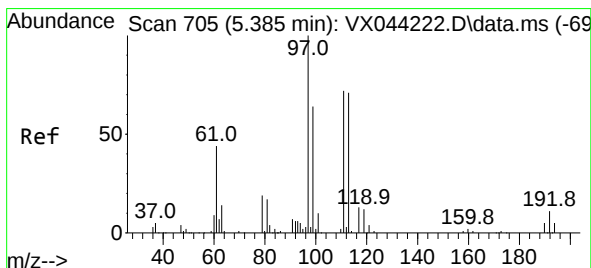
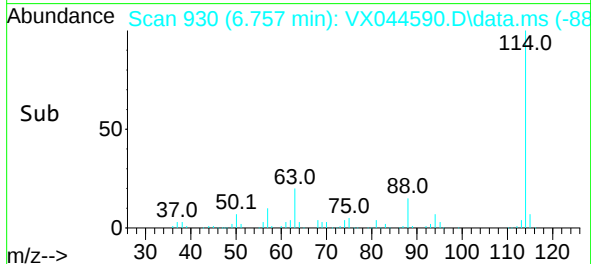
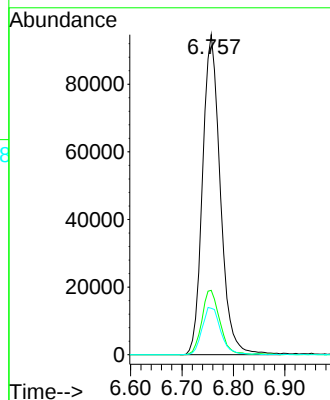
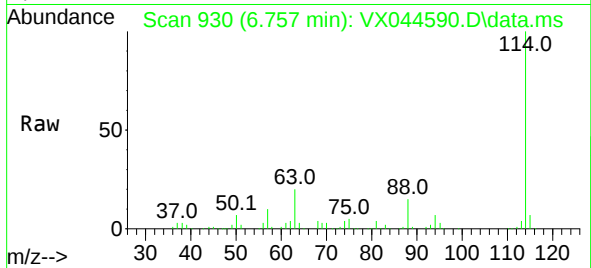




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

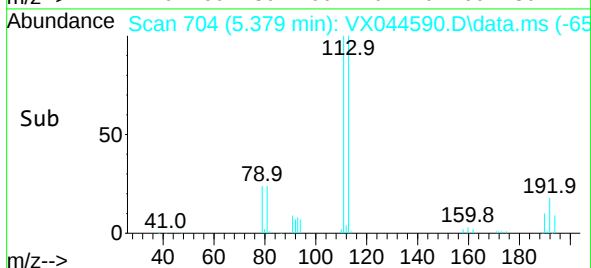
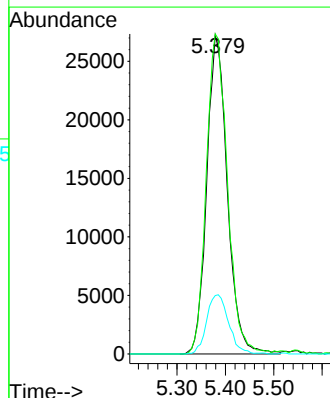
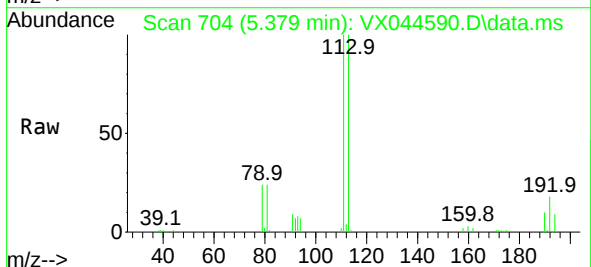
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241230

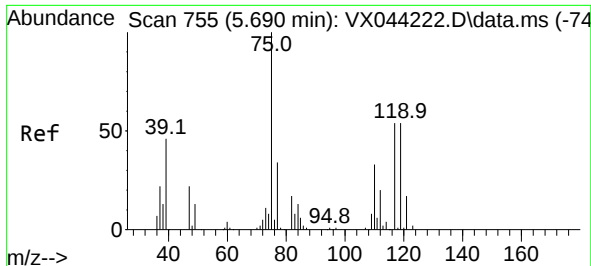
Tgt Ion:114 Resp: 227347
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.6
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.989 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

Tgt Ion:113 Resp: 80287
Ion Ratio Lower Upper
113 100
111 103.6 80.4 120.6
192 19.8 13.3 19.9

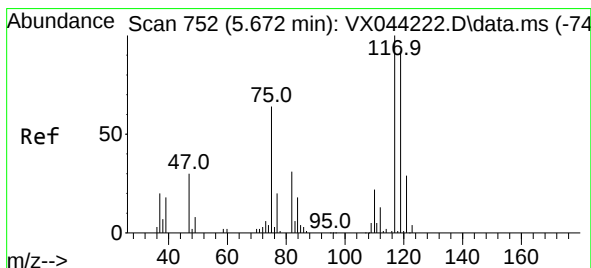
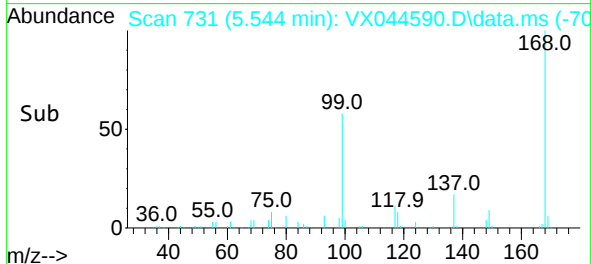
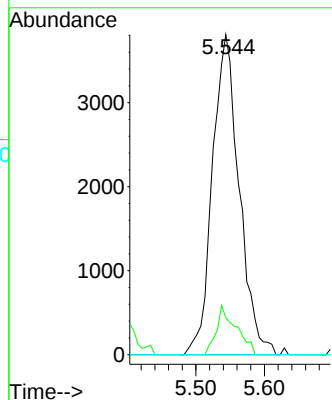
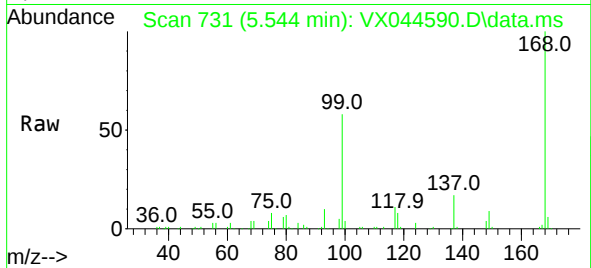




#36
1,1-Dichloropropene
Concen: 5.072 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

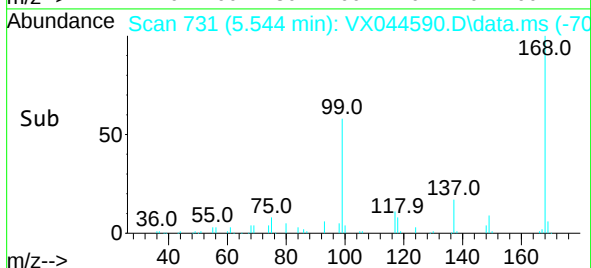
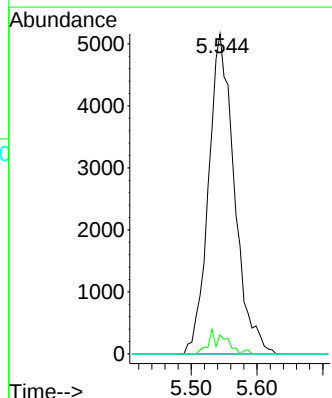
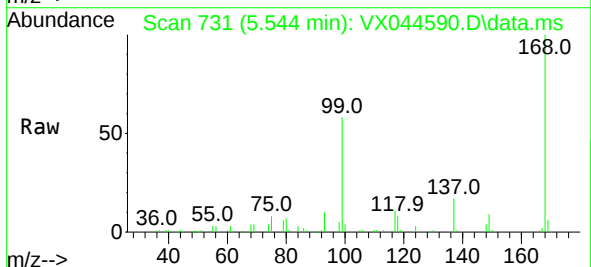
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241230

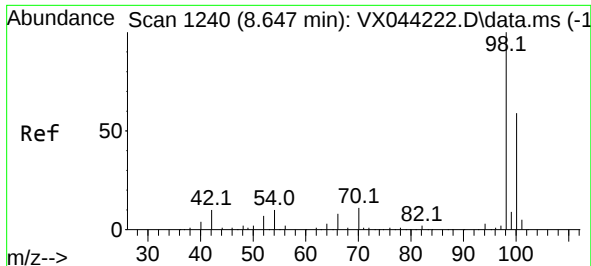
Tgt Ion: 75 Resp: 10324
Ion Ratio Lower Upper
75 100
110 11.3 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.445 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

Tgt Ion: 117 Resp: 14122
Ion Ratio Lower Upper
117 100
119 5.9 74.2 111.4#
121 0.0 23.0 34.6#

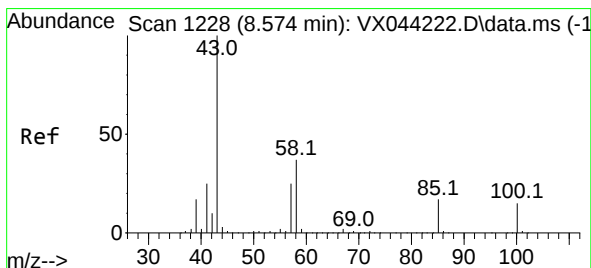
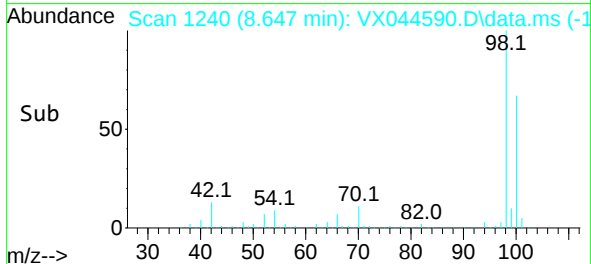
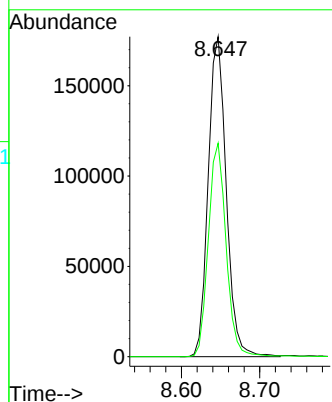
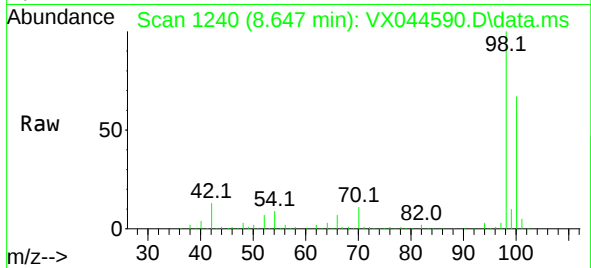




#50
Toluene-d8
Concen: 53.259 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

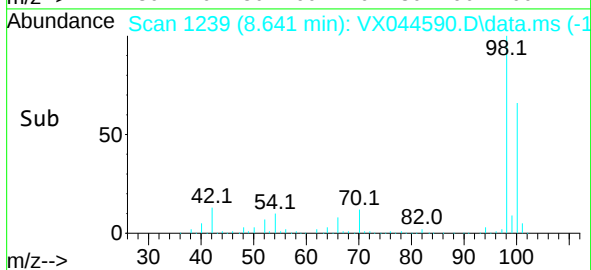
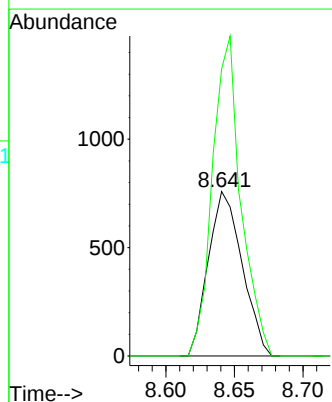
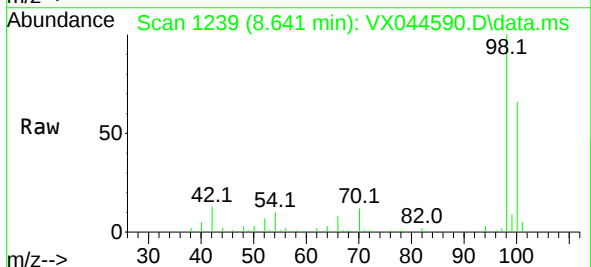
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241230

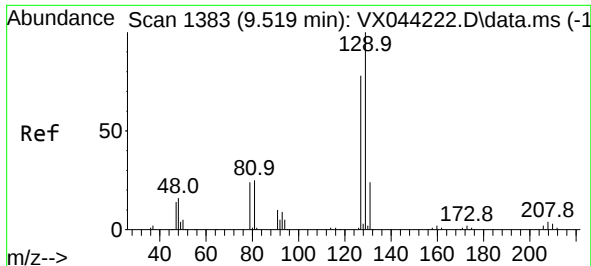
Tgt Ion: 98 Resp: 282921
Ion Ratio Lower Upper
98 100
100 66.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

Tgt Ion: 43 Resp: 1303
Ion Ratio Lower Upper
43 100
58 163.6 29.4 44.0#

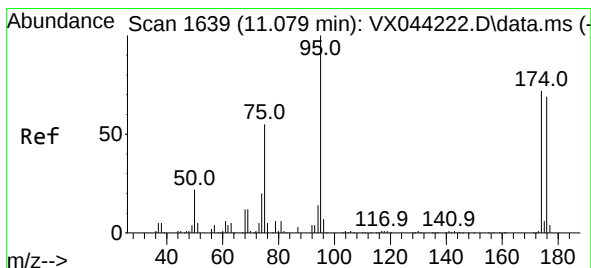
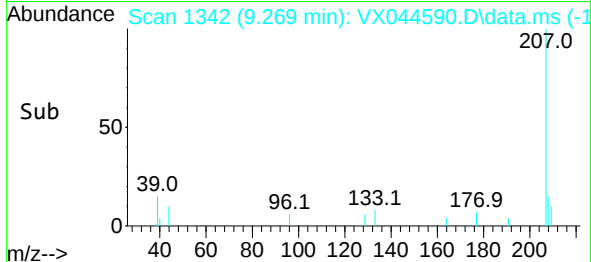
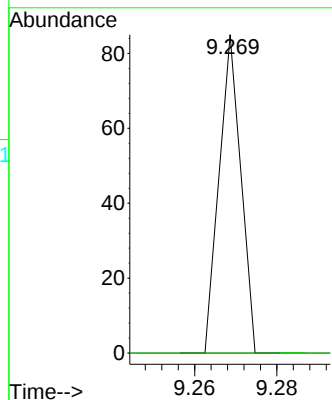
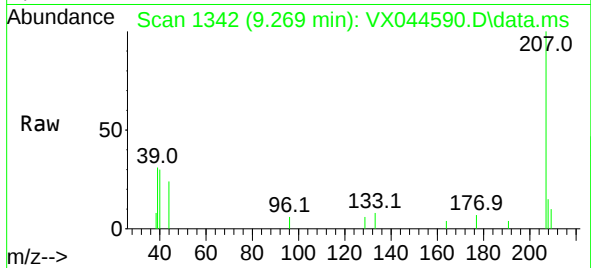




#60
Dibromochloromethane
Concen: 1.251 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

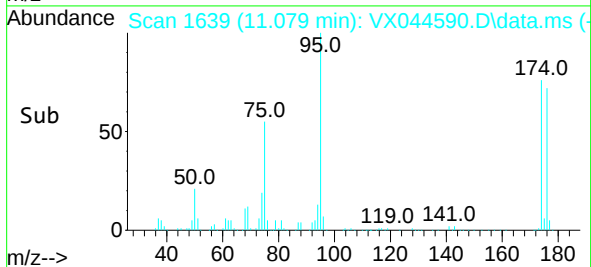
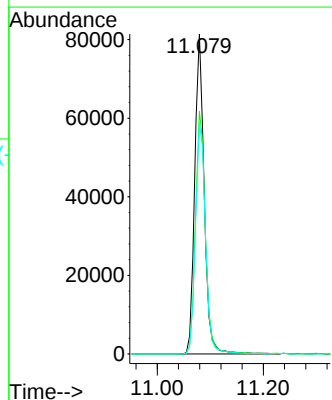
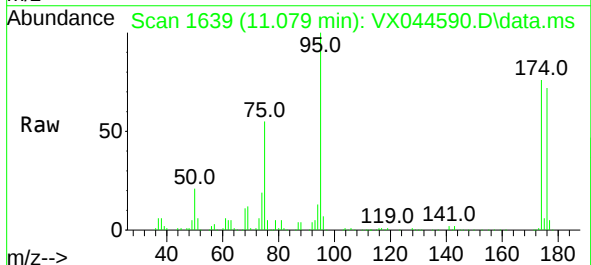
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241230

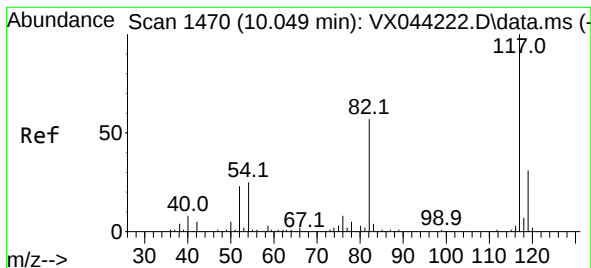
Tgt Ion:129 Resp: 31
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 54.325 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

Tgt Ion: 95 Resp: 100838
Ion Ratio Lower Upper
95 100
174 79.8 0.0 145.8
176 76.0 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044590.D

Acq: 06 Jan 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190A-TB-20241230

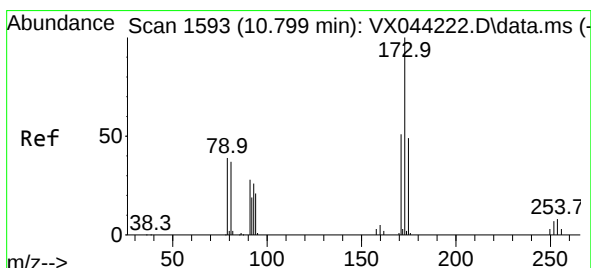
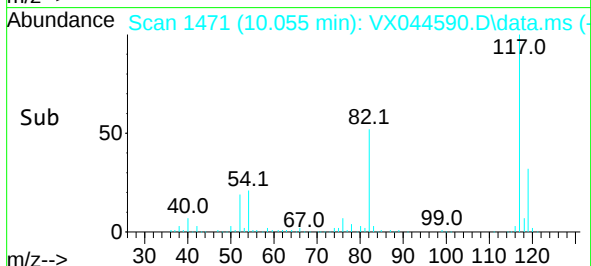
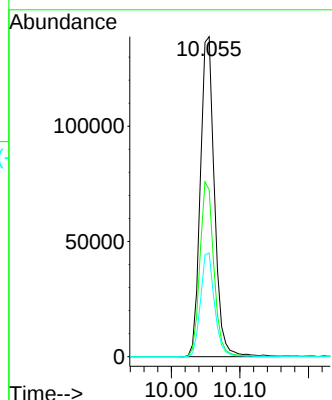
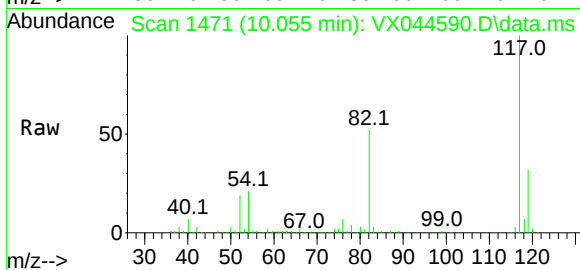
Tgt Ion:117 Resp: 199851

Ion Ratio Lower Upper

117 100

82 52.1 45.8 68.8

119 32.4 25.0 37.4



#71

Bromoform

Concen: 1.262 ug/l

RT: 10.811 min Scan# 1595

Delta R.T. 0.012 min

Lab File: VX044590.D

Acq: 06 Jan 2025 13:09

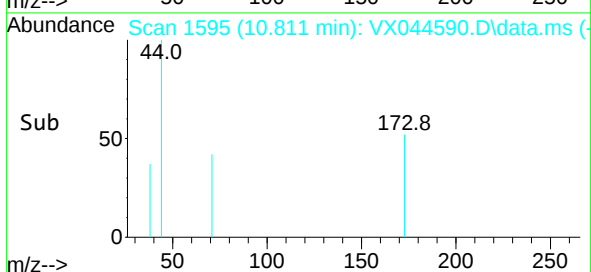
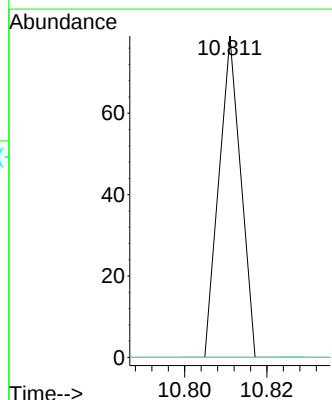
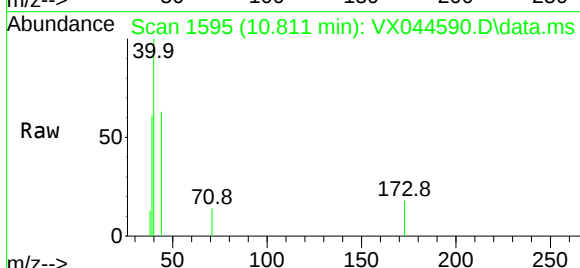
Tgt Ion:173 Resp: 29

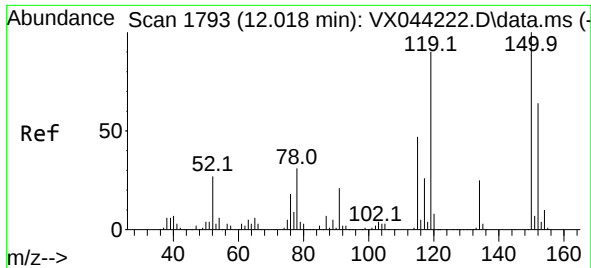
Ion Ratio Lower Upper

173 100

175 0.0 23.8 71.4#

254 0.0 0.0 0.0

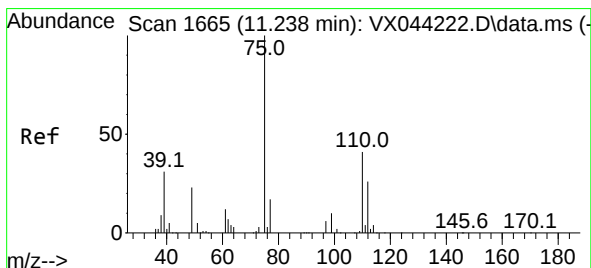
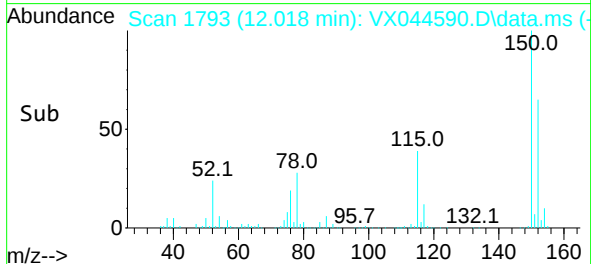
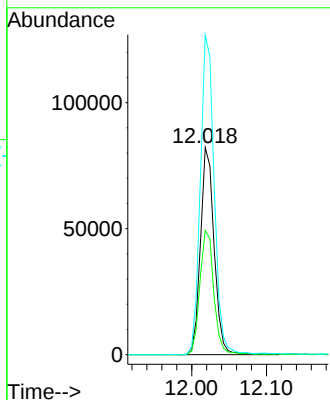
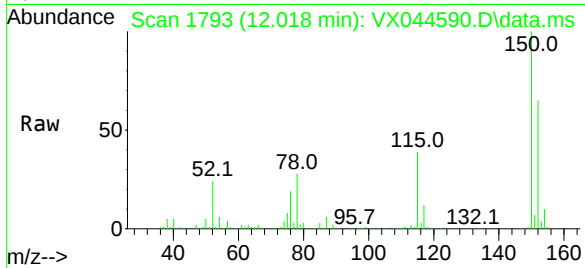




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

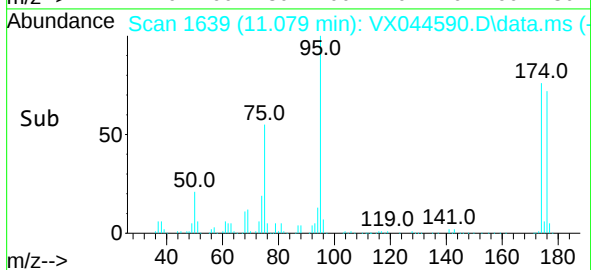
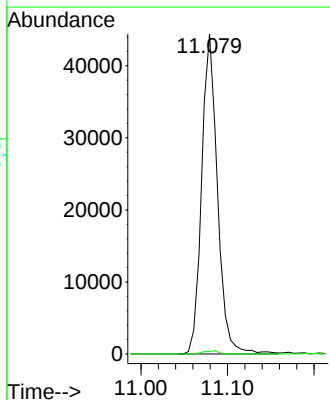
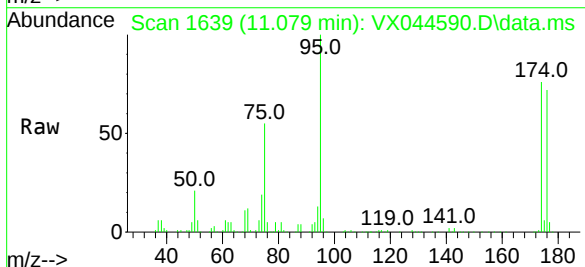
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241230

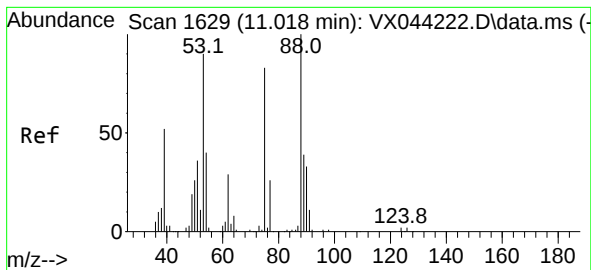
Tgt Ion:152 Resp: 104847
Ion Ratio Lower Upper
152 100
115 61.3 44.5 133.3
150 155.9 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 24.062 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044590.D
Acq: 06 Jan 2025 13:09

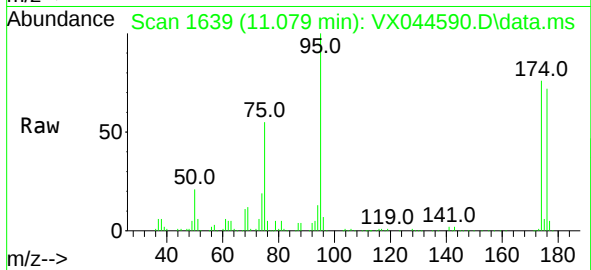
Tgt Ion: 75 Resp: 56329
Ion Ratio Lower Upper
75 100
77 0.9 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.836 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044590.D
 Acq: 06 Jan 2025 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-TB-20241230



Tgt Ion: 75 Resp: 56329
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

