

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045082.D
 Acq On : 28 Feb 2025 12:37
 Operator : JC/MD
 Sample : Q1401-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-840-842

Quant Time: Feb 28 14:35:21 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)

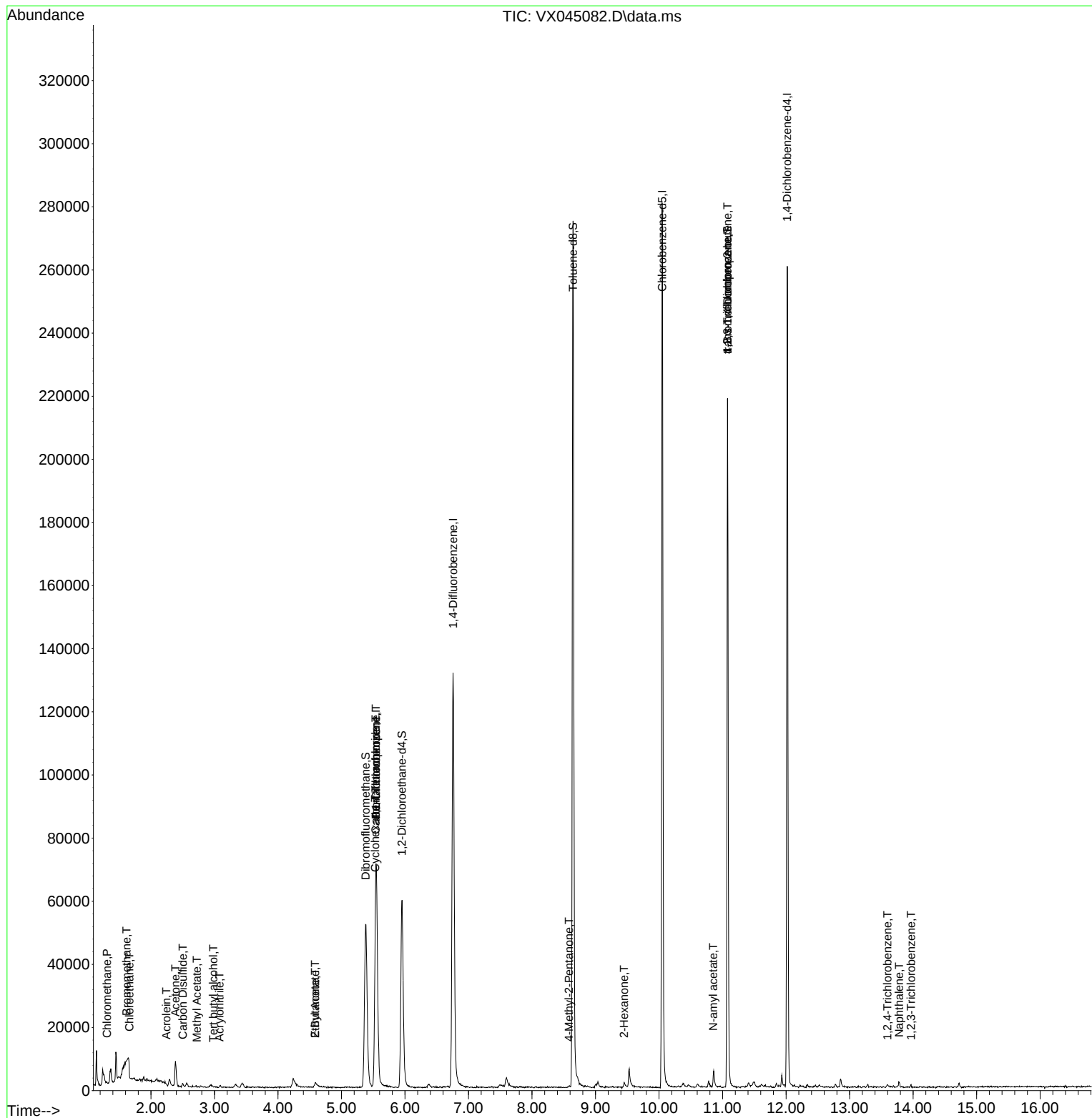
Internal Standards						
1) Pentafluorobenzene	5.544	168	67792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135879	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56408	52.310	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.620%	
35) Dibromofluoromethane	5.379	113	45952	50.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.160%	
50) Toluene-d8	8.647	98	170719	51.828	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	11.079	95	57385	52.574	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	472	0.452	ug/l #	60
5) Bromomethane	1.617	94	187	0.459	ug/l #	3
6) Chloroethane	1.660	64	108	0.226	ug/l #	41
11) Tert butyl alcohol	2.983	59	129	0.632	ug/l #	73
13) Acrolein	2.239	56	229	0.970	ug/l	93
15) Acrylonitrile	3.081	53	155	0.283	ug/l #	52
16) Acetone	2.386	43	8718	17.425	ug/l	97
17) Carbon Disulfide	2.501	76	1081	0.487	ug/l #	95
18) Methyl Acetate	2.721	43	482	0.400	ug/l #	54
25) 2-Butanone	4.586	43	3236	4.297	ug/l	98
31) Cyclohexane	5.531	56	919	0.626	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	5764	4.626	ug/l #	49
37) Ethyl Acetate	4.586	43	3236	2.015	ug/l #	70
38) Carbon Tetrachloride	5.537	117	7552	5.970	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	576	0.361	ug/l #	59
59) 2-Hexanone	9.451	43	1239	1.073	ug/l	92
74) N-amyl acetate	10.854	43	1056	0.552	ug/l #	13
76) 1,2,3-Trichloropropane	11.079	75	31155	25.618	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31155	87.670	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.597	180	366	0.373	ug/l #	69
95) Naphthalene	13.780	128	1817	0.482	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.969	180	268	0.259	ug/l	84

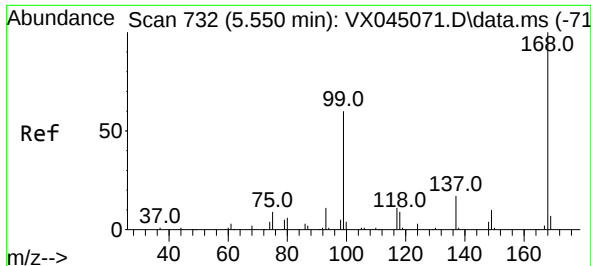
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045082.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BP-VPB-192-GW-840-842

Quant Time: Feb 28 14:35:21 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

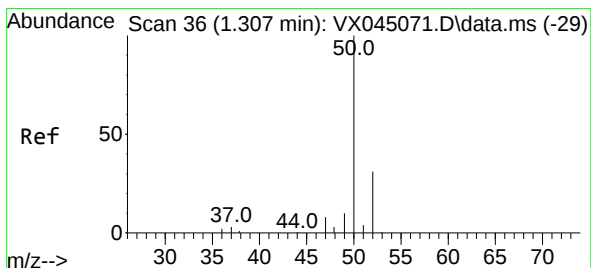
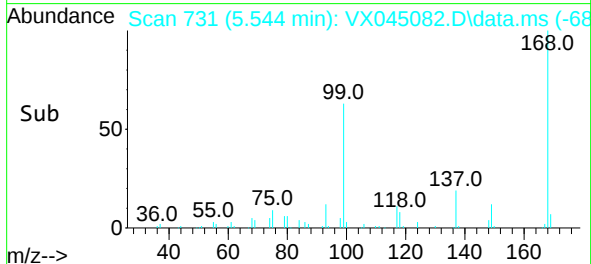
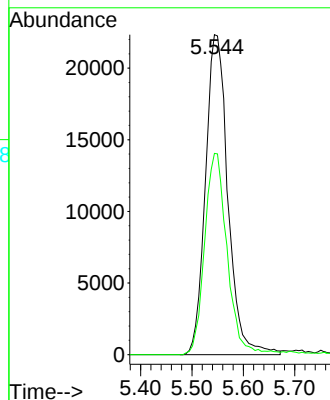
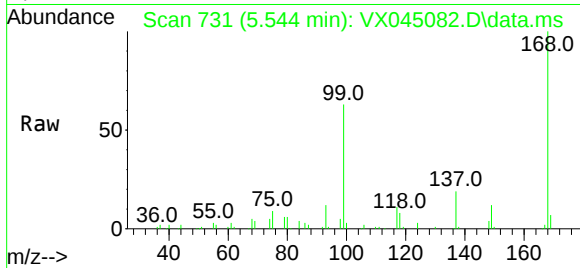




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

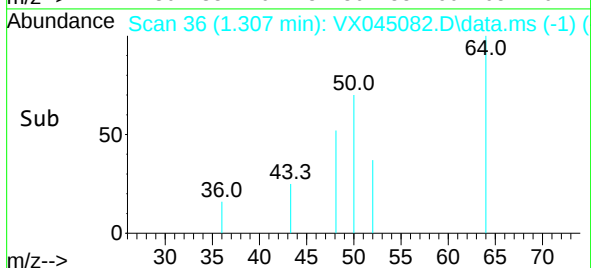
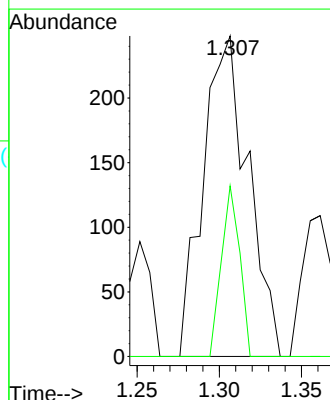
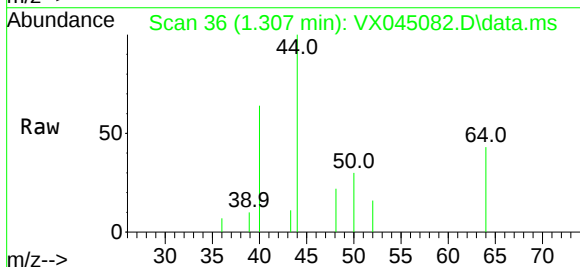
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

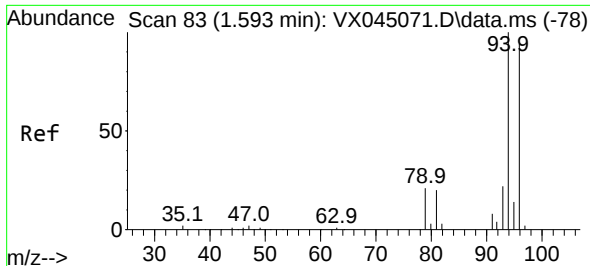
Tgt Ion:168 Resp: 67792
Ion Ratio Lower Upper
168 100
99 62.9 48.2 72.4



#3
Chloromethane
Concen: 0.452 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 53.2 25.0 37.4#

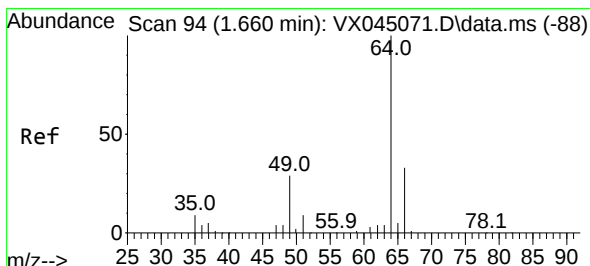
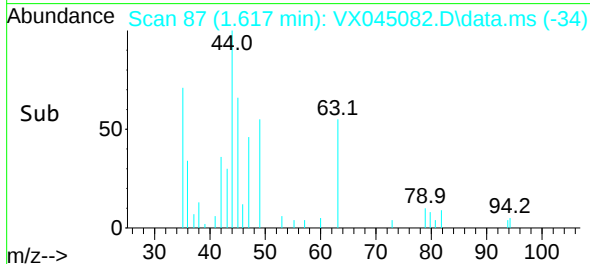
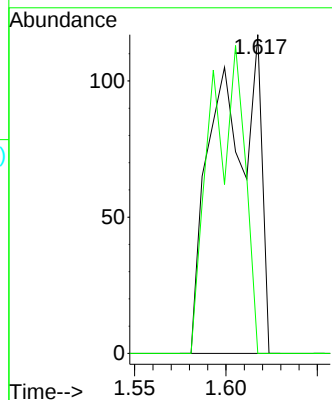
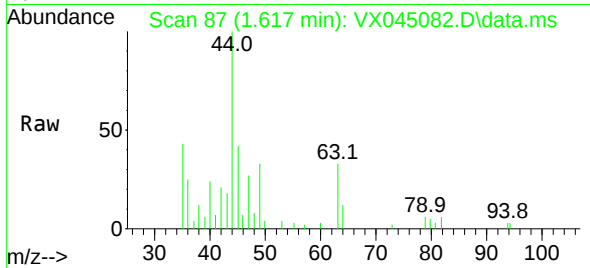




#5
Bromomethane
Concen: 0.459 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.024 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

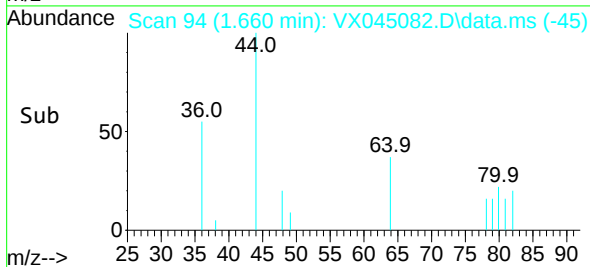
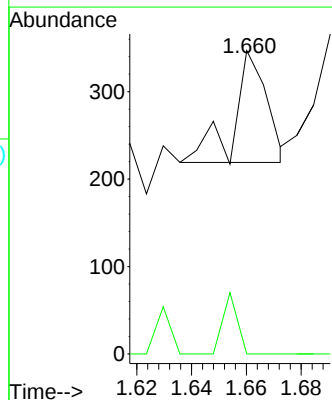
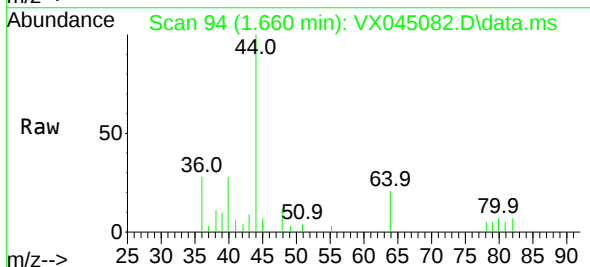
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

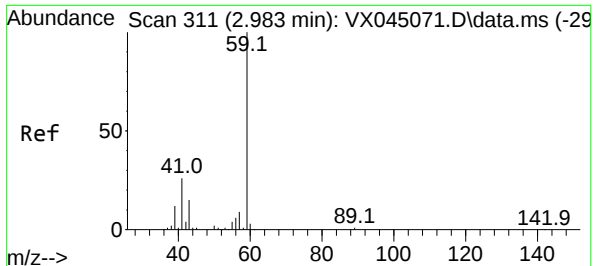
Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#



#6
Chloroethane
Concen: 0.226 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

Tgt Ion: 64 Resp: 108
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#





#11

Tert butyl alcohol

Concen: 0.632 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.000 min

Lab File: VX045082.D

Acq: 28 Feb 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

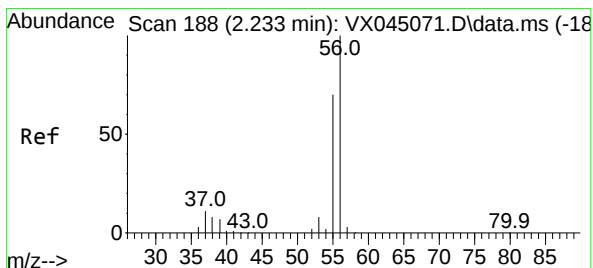
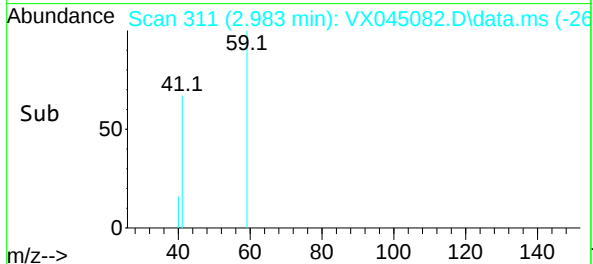
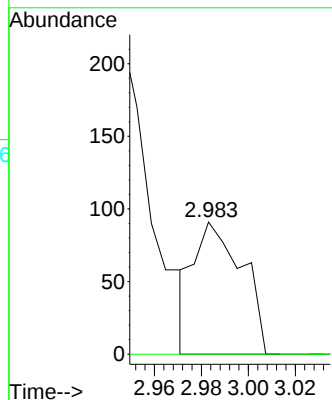
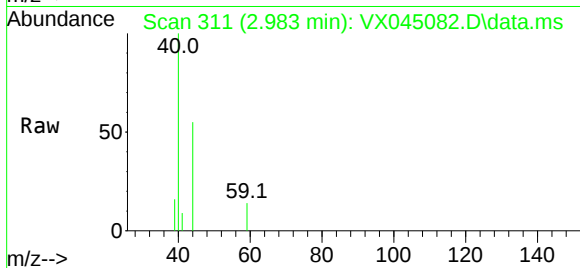
BP-VPB-192-GW-840-842

Tgt Ion: 59 Resp: 129

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: 0.970 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX045082.D

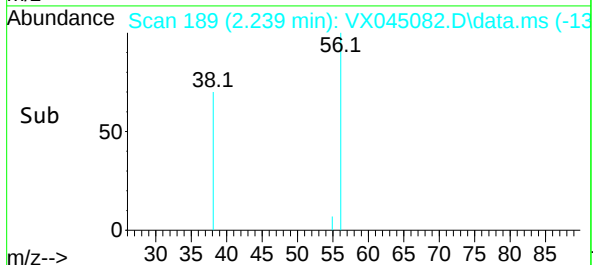
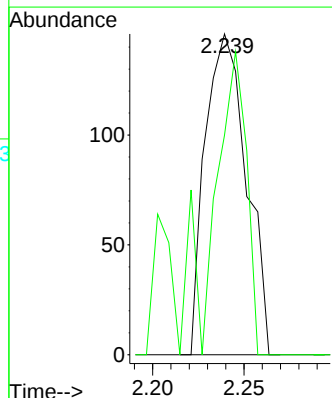
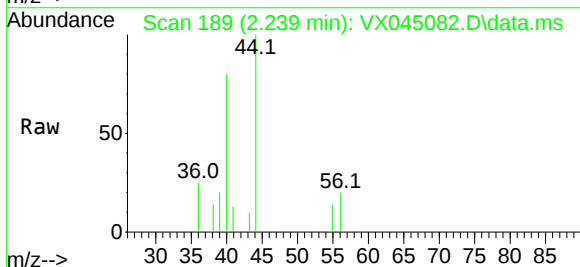
Acq: 28 Feb 2025 12:37

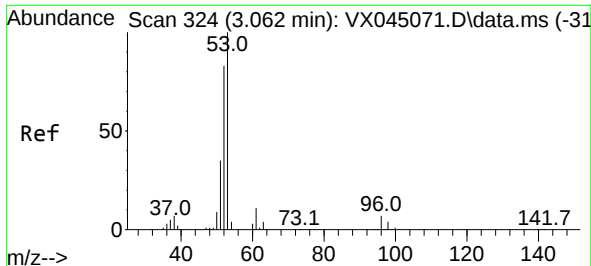
Tgt Ion: 56 Resp: 229

Ion Ratio Lower Upper

56 100

55 76.0 56.2 84.4

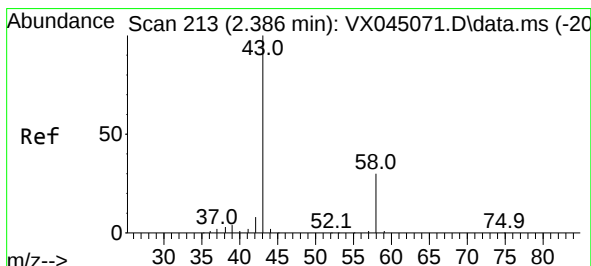
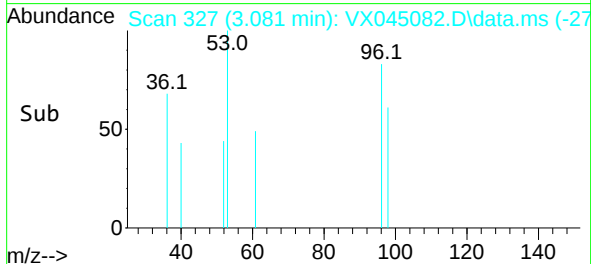
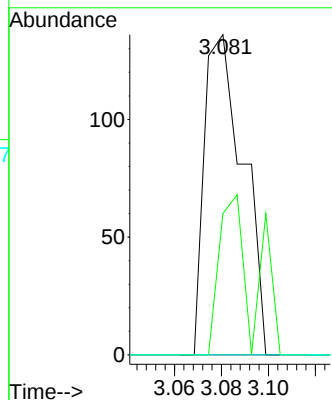
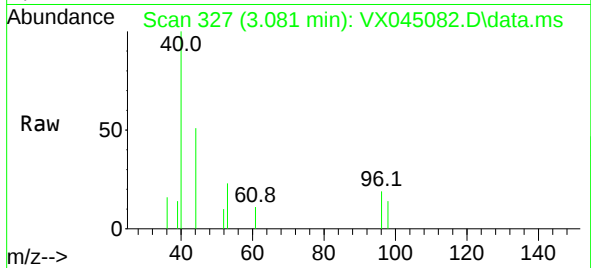




#15
 Acrylonitrile
 Concen: 0.283 ug/l
 RT: 3.081 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: VX045082.D
 Acq: 28 Feb 2025 12:37

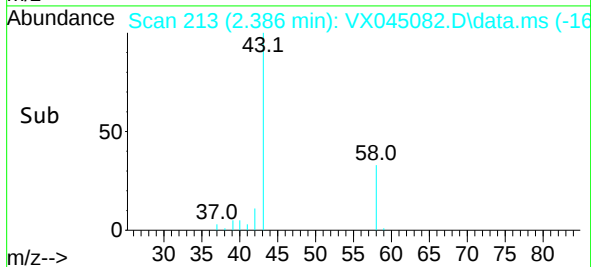
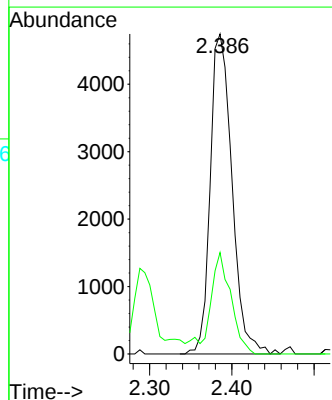
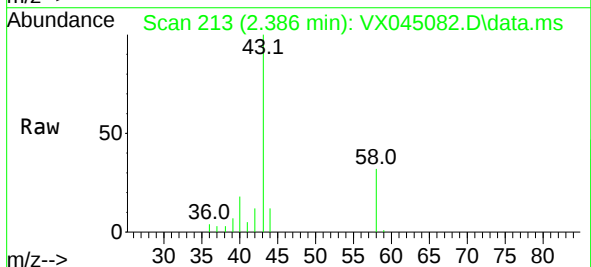
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-840-842

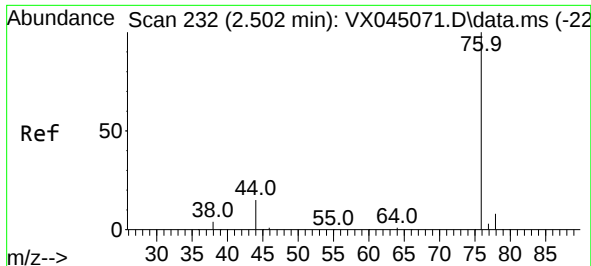
Tgt Ion	Ratio	Lower	Upper
53	100		
52	44.5	66.2	99.2#
51	0.0	29.0	43.4#



#16
 Acetone
 Concen: 17.425 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX045082.D
 Acq: 28 Feb 2025 12:37

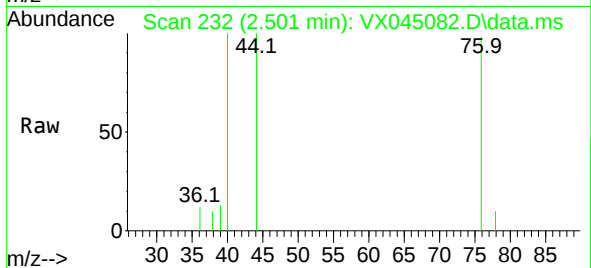
Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.2	36.4



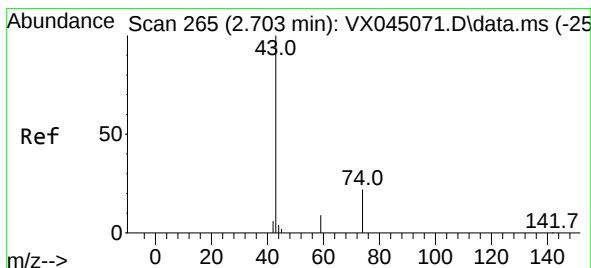
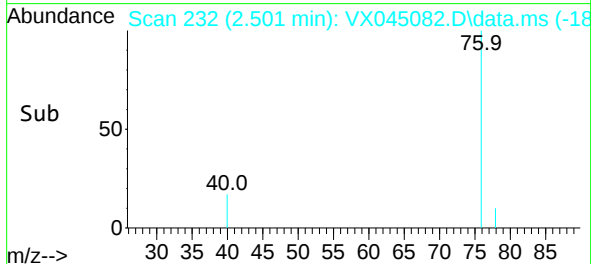
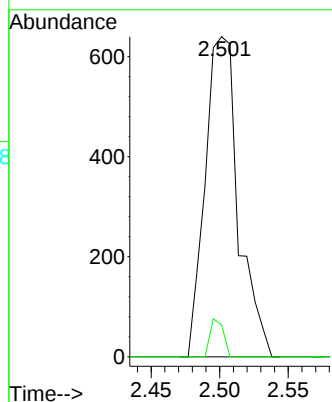


#17
Carbon Disulfide
Concen: 0.487 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

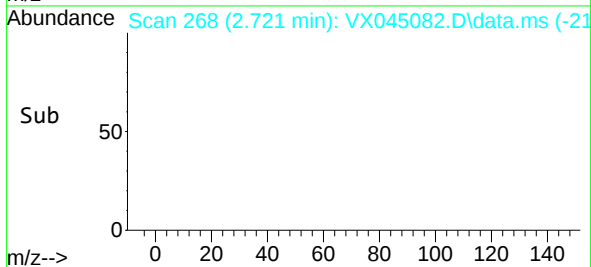
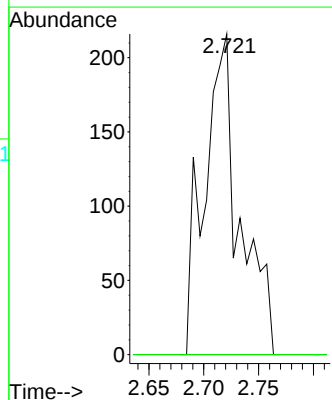
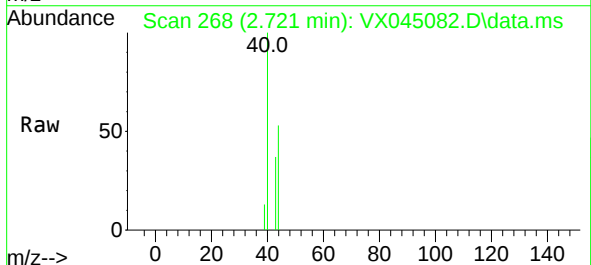


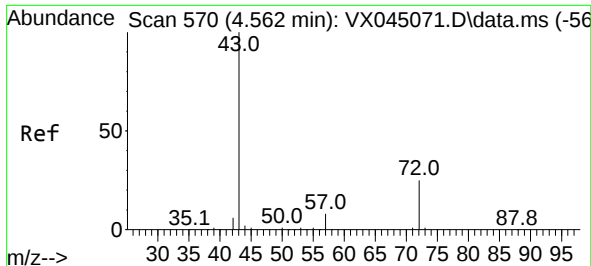
Tgt Ion: 76 Resp: 1081
Ion Ratio Lower Upper
76 100
78 10.0 6.6 9.8#



#18
Methyl Acetate
Concen: 0.400 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.018 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#

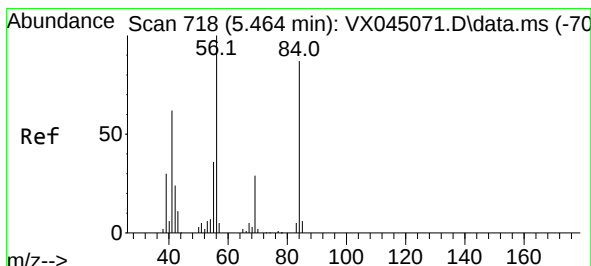
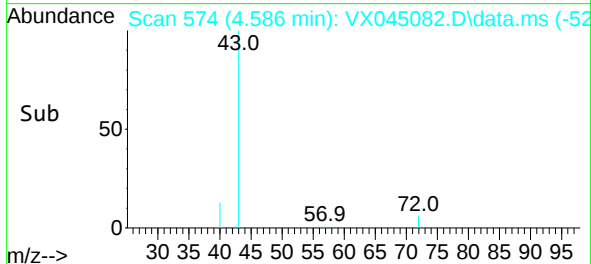
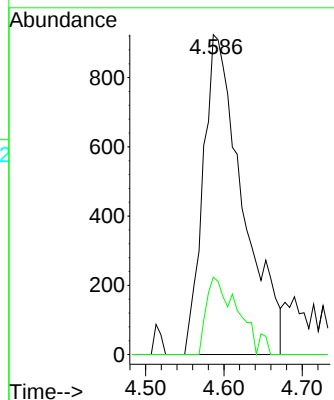
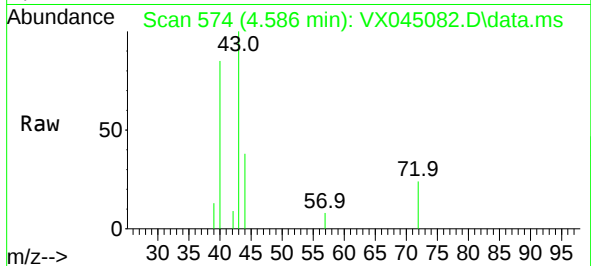




#25
2-Butanone
Concen: 4.297 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

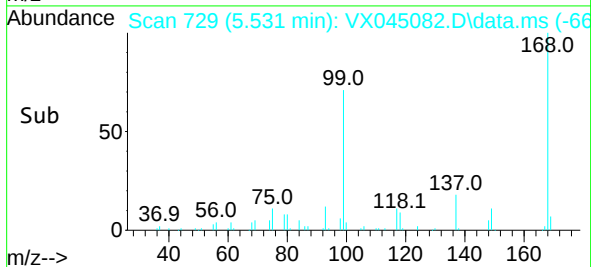
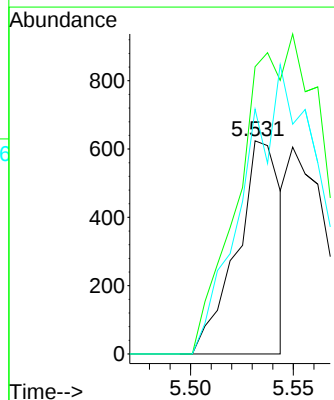
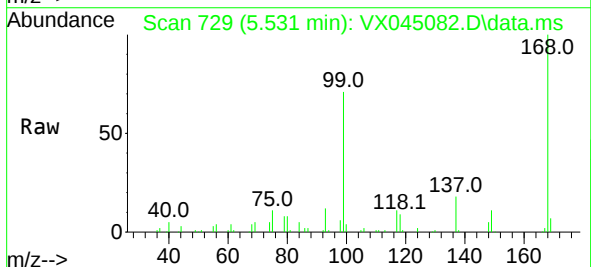
Instrument :
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BP-VPB-192-GW-840-842

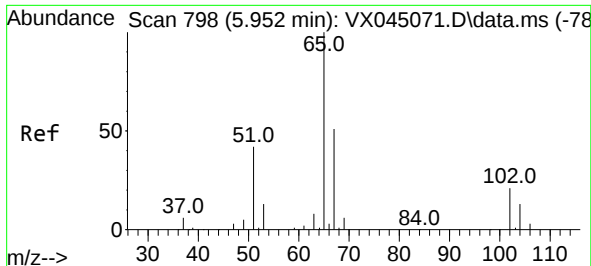
Tgt Ion: 43 Resp: 3236
Ion Ratio Lower Upper
43 100
72 24.2 20.0 30.0



#31
Cyclohexane
Concen: 0.626 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.067 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

Tgt Ion: 56 Resp: 919
Ion Ratio Lower Upper
56 100
69 134.8 23.4 35.2#
84 114.9 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 52.310 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045082.D

Acq: 28 Feb 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

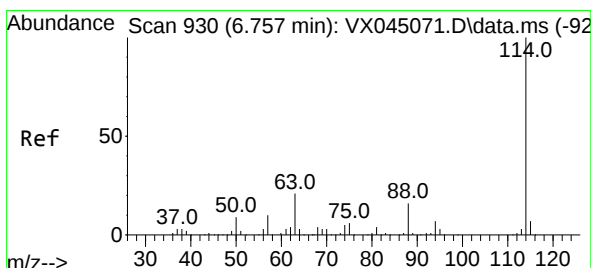
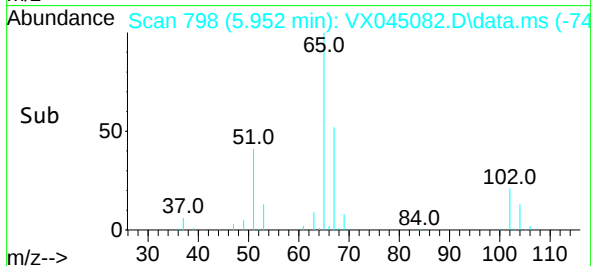
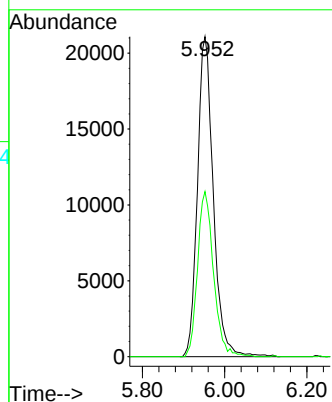
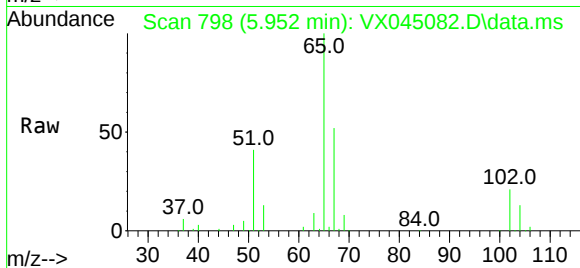
BP-VPB-192-GW-840-842

Tgt Ion: 65 Resp: 56408

Ion Ratio Lower Upper

65 100

67 52.1 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: VX045082.D

Acq: 28 Feb 2025 12:37

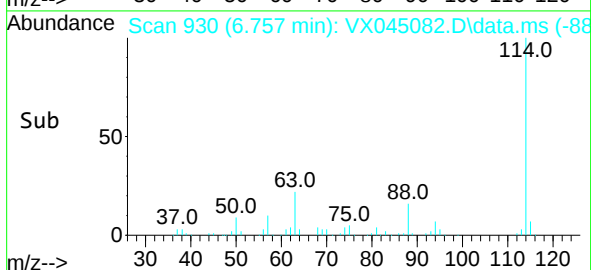
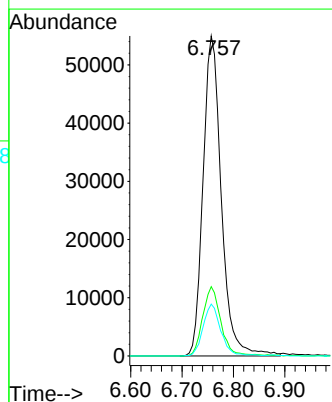
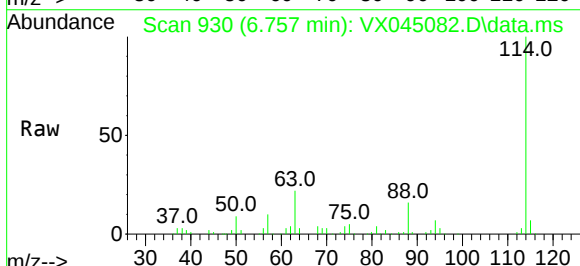
Tgt Ion: 114 Resp: 135879

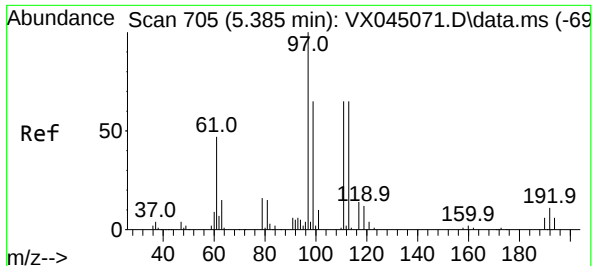
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 16.2 0.0 32.8

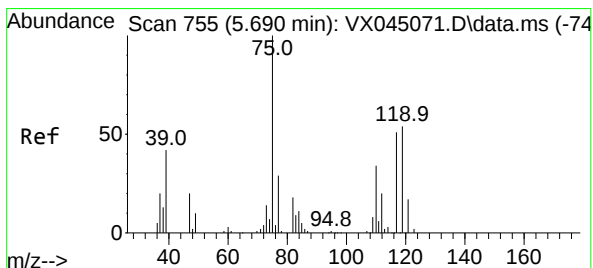
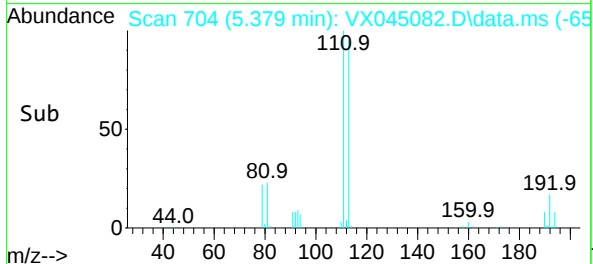
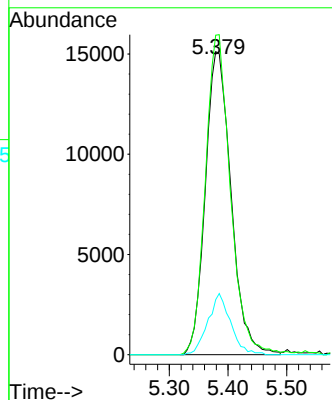
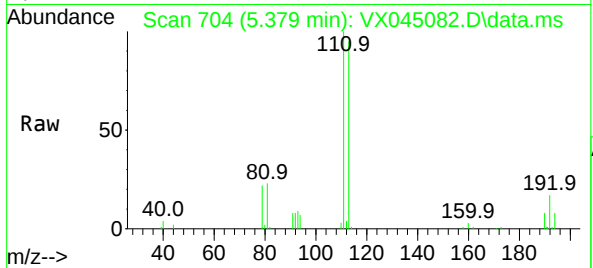




#35
Dibromofluoromethane
Concen: 50.575 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

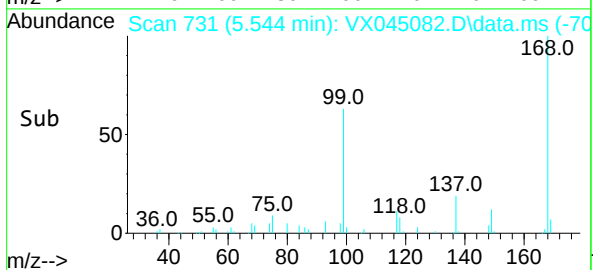
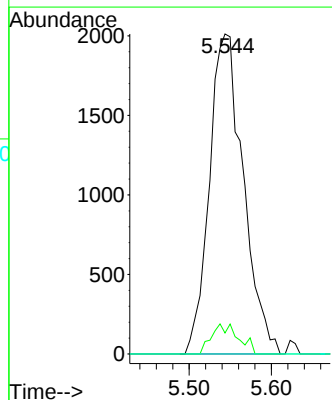
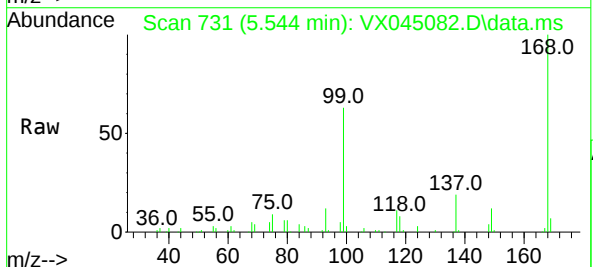
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

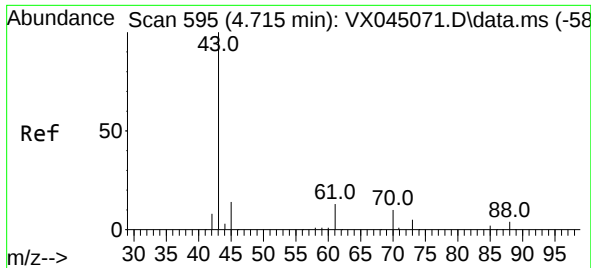
Tgt Ion:113 Resp: 45952
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 17.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

Tgt Ion: 75 Resp: 5764
Ion Ratio Lower Upper
75 100
110 7.5 16.9 50.6#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 2.015 ug/l

RT: 4.586 min Scan# 51

Delta R.T. -0.128 min

Lab File: VX045082.D

Acq: 28 Feb 2025 12:37

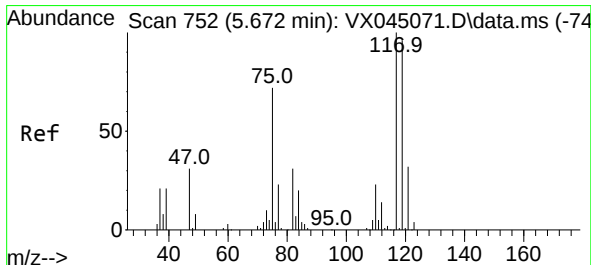
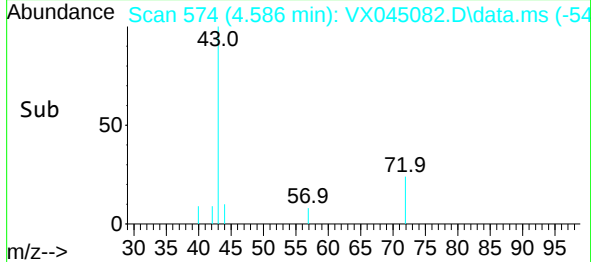
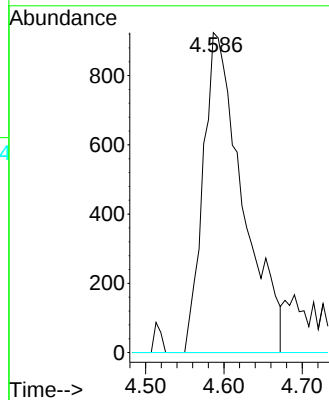
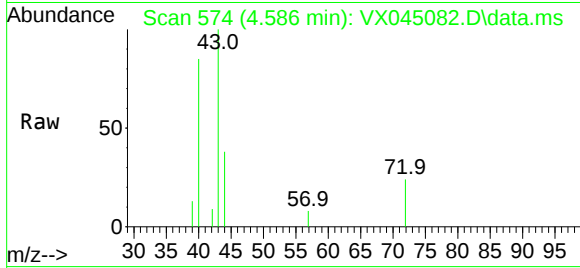
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-840-842

Tgt Ion: 43	Resp: 3236
Ion Ratio	Lower Upper
43 100	
61 0.0	10.8 16.2#
70 0.0	7.7 11.5#



#38

Carbon Tetrachloride

Concen: 5.970 ug/l

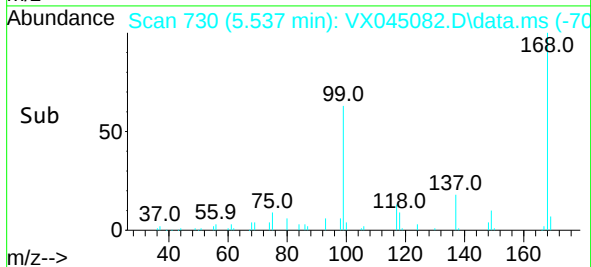
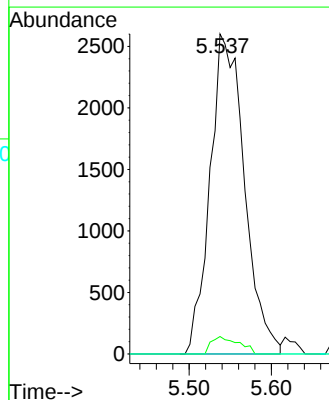
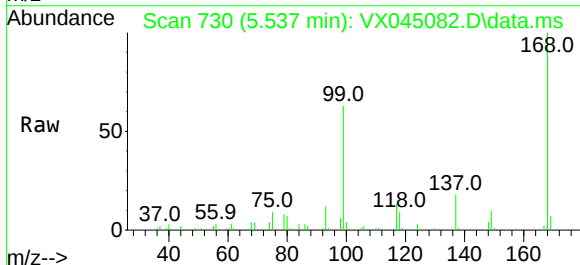
RT: 5.537 min Scan# 730

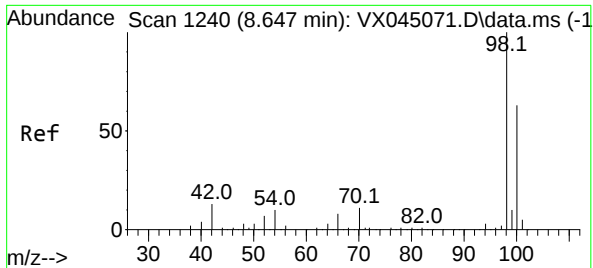
Delta R.T. -0.134 min

Lab File: VX045082.D

Acq: 28 Feb 2025 12:37

Tgt Ion: 117	Resp: 7552
Ion Ratio	Lower Upper
117 100	
119 5.5	76.7 115.1#
121 0.0	25.5 38.3#

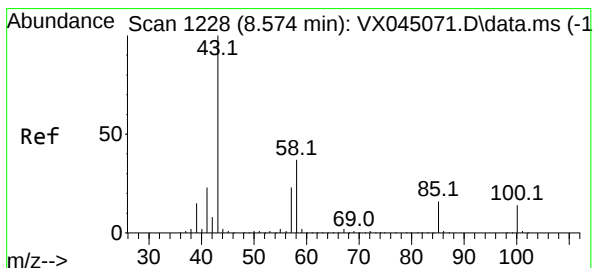
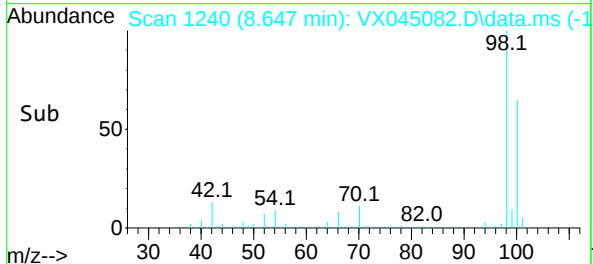
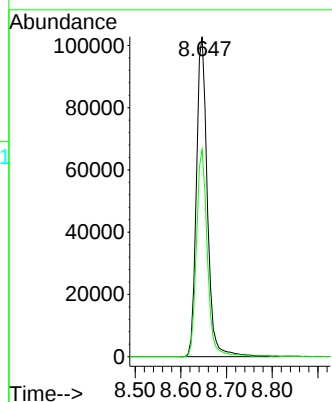
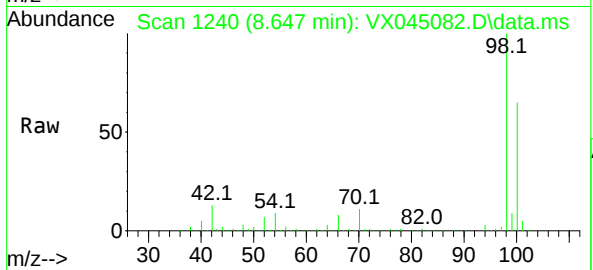




#50
Toluene-d8
Concen: 51.828 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

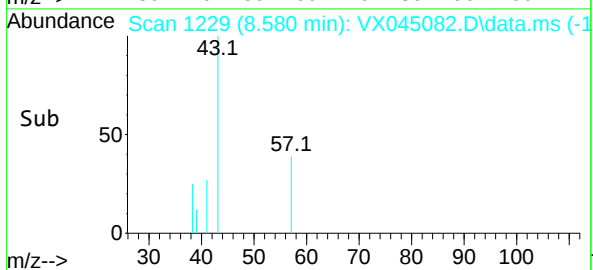
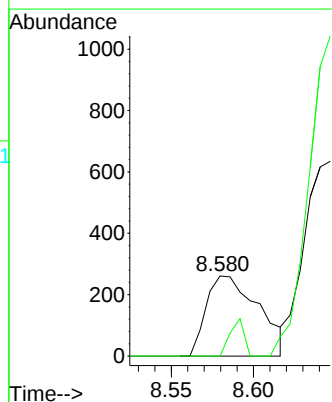
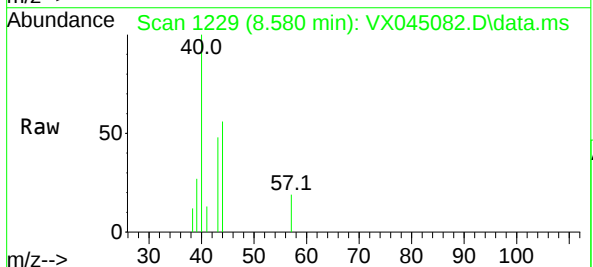
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

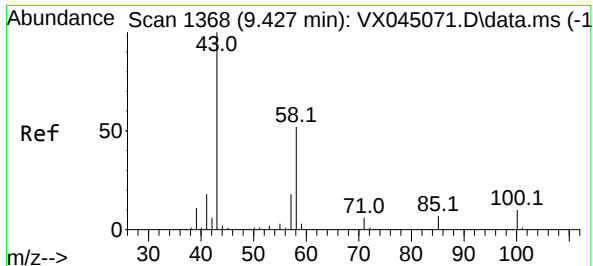
Tgt Ion: 98 Resp: 170719
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.361 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 12.5 29.2 43.8#





#59

2-Hexanone

Concen: 1.073 ug/l

RT: 9.451 min Scan# 1372

Delta R.T. 0.024 min

Lab File: VX045082.D

Acq: 28 Feb 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

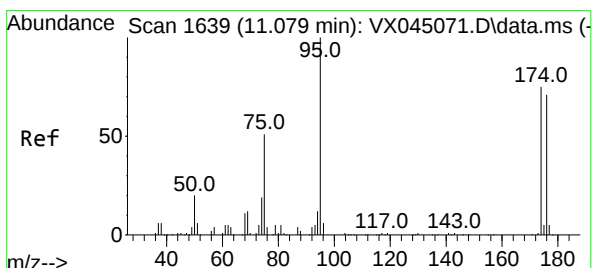
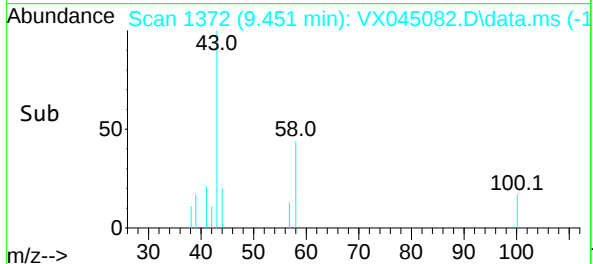
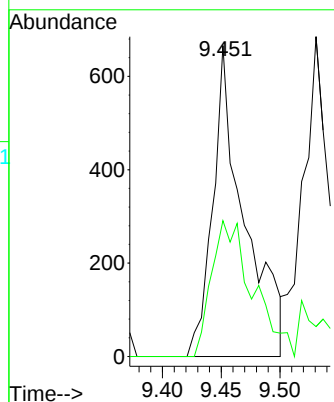
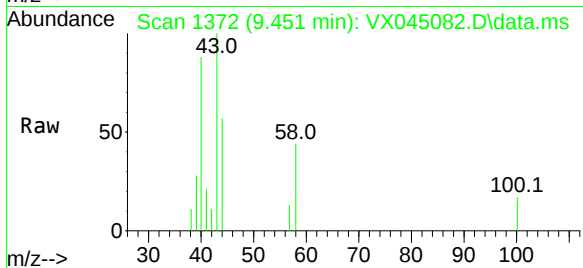
BP-VPB-192-GW-840-842

Tgt Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

58 57.2 25.9 77.6



#62

4-Bromofluorobenzene

Concen: 52.574 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045082.D

Acq: 28 Feb 2025 12:37

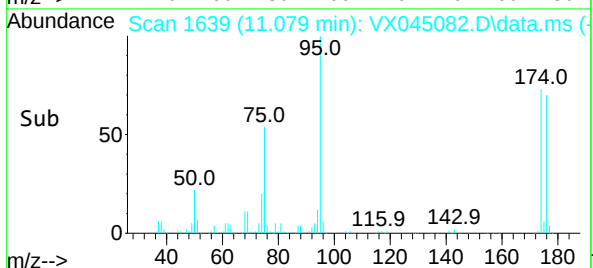
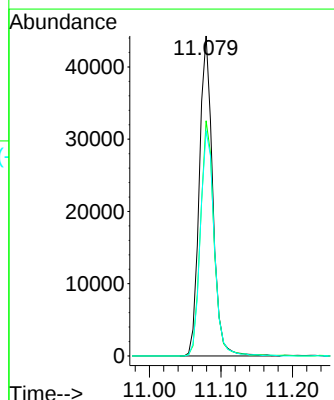
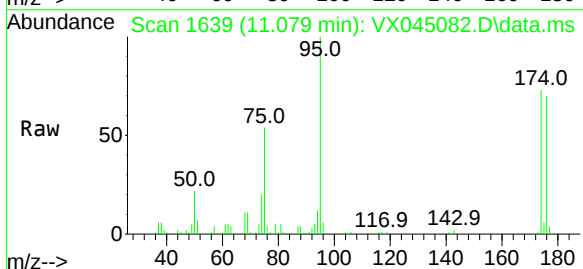
Tgt Ion: 95 Resp: 57385

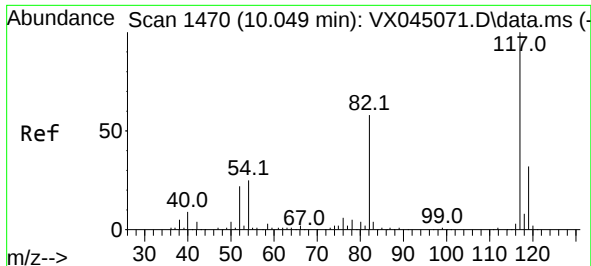
Ion Ratio Lower Upper

95 100

174 74.0 0.0 148.2

176 73.4 0.0 141.4

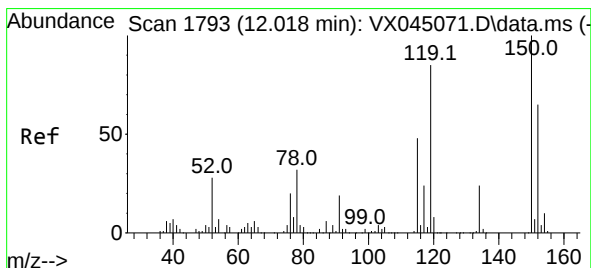
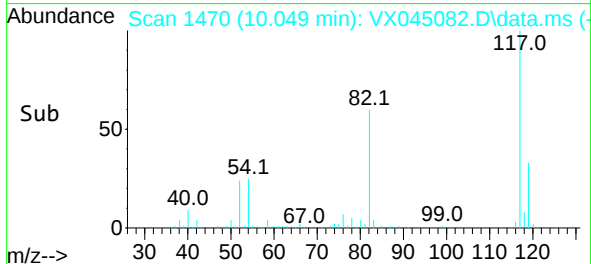
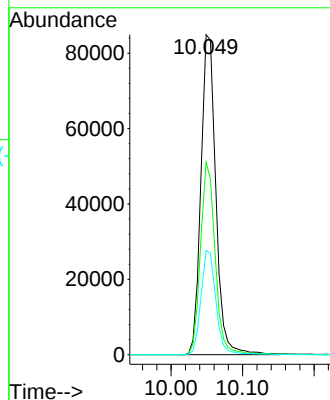
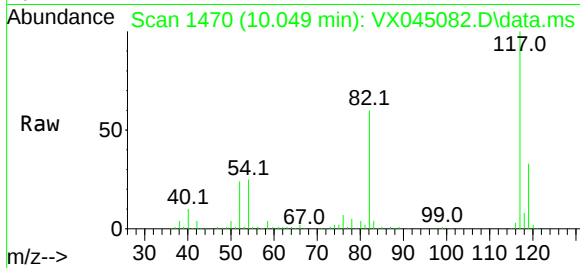




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

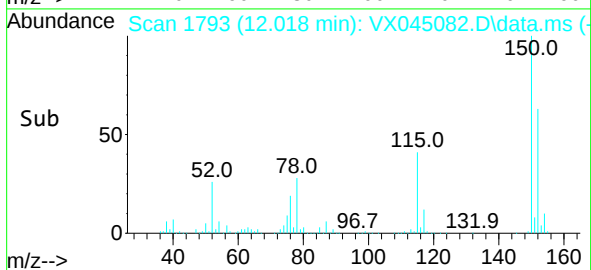
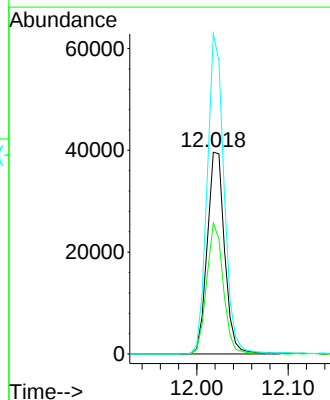
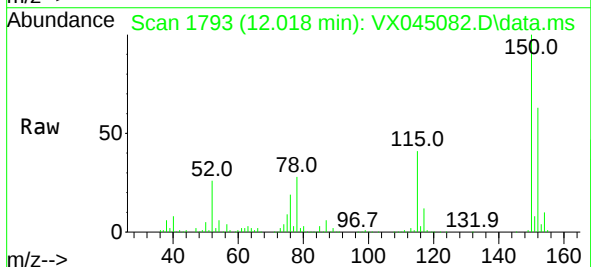
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

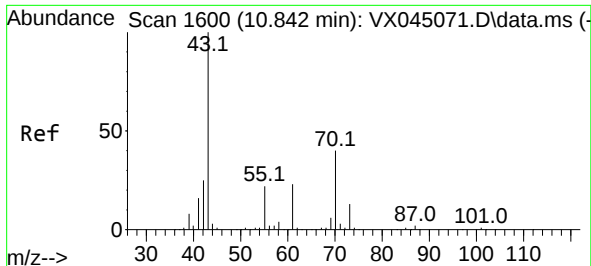
Tgt Ion:117 Resp: 123593
Ion Ratio Lower Upper
117 100
82 60.1 46.3 69.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

Tgt Ion:152 Resp: 52250
Ion Ratio Lower Upper
152 100
115 62.2 44.2 132.6
150 153.8 0.0 349.0

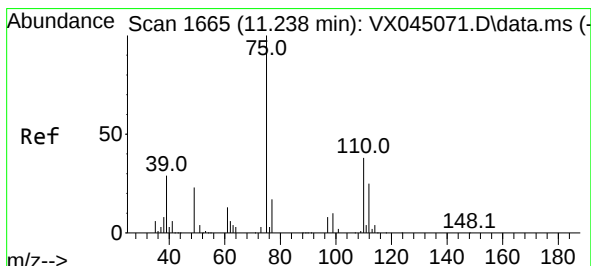
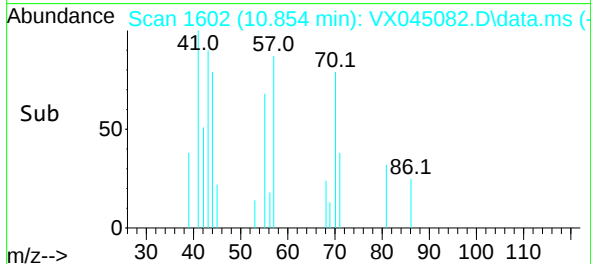
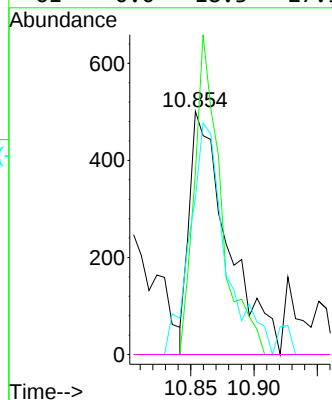
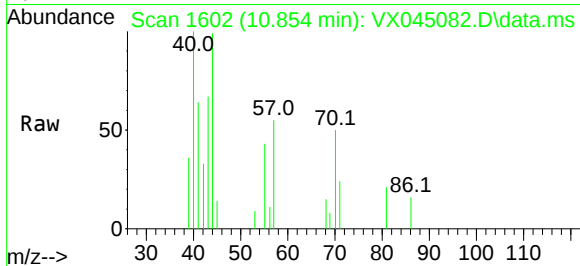




#74
N-amy1 acetate
Concen: 0.552 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

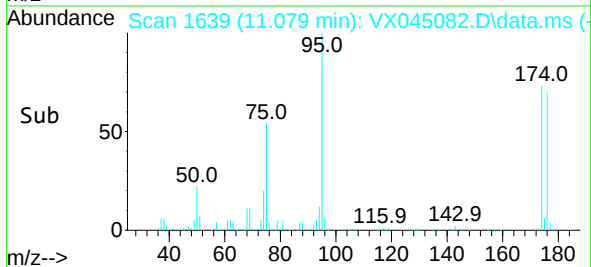
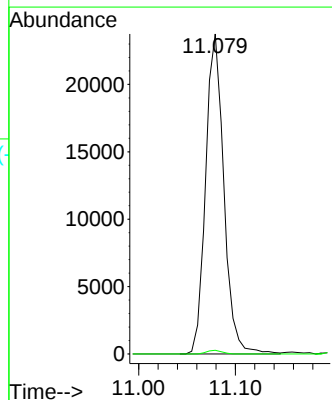
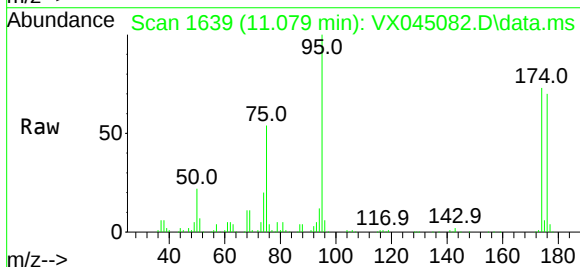
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

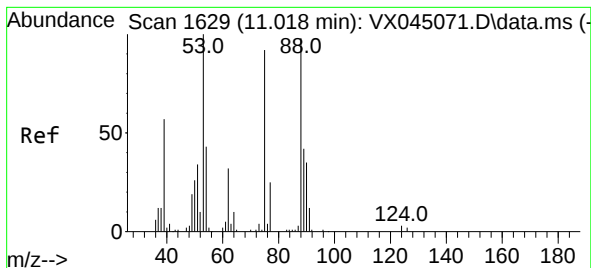
Tgt Ion: 43	Resp:	1056
Ion	Ratio	Lower Upper
43	100	
70	91.0	31.8 47.6#
55	88.0	18.3 27.5#
61	0.0	18.3 27.5#



#76
1,2,3-Trichloropropane
Concen: 25.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

Tgt Ion: 75	Resp:	31155
Ion	Ratio	Lower Upper
75	100	
77	0.9	20.7 62.1#

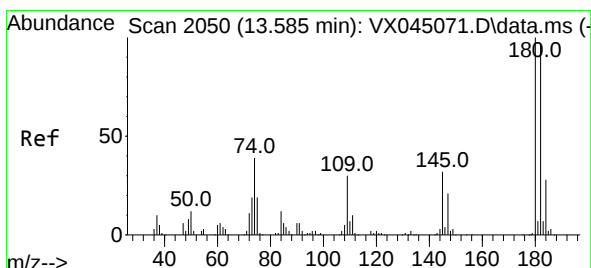
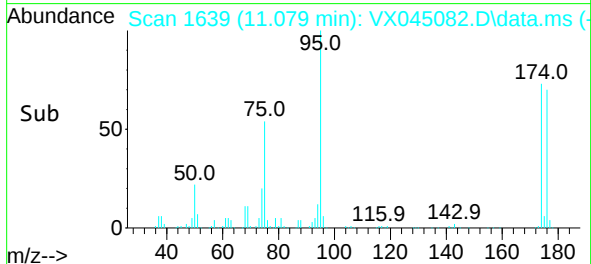
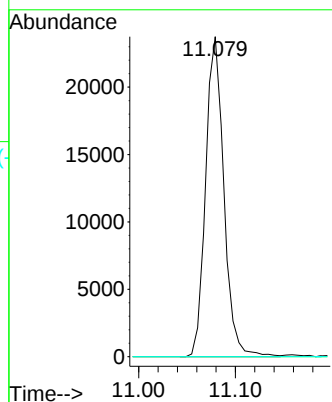
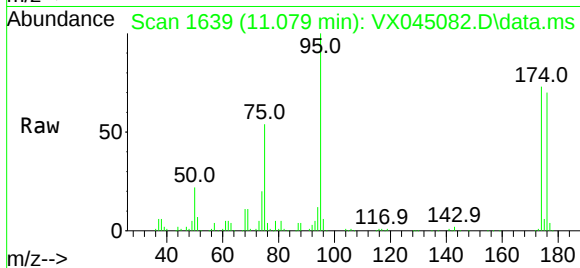




#81
trans-1,4-Dichloro-2-butene
Concen: 87.670 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

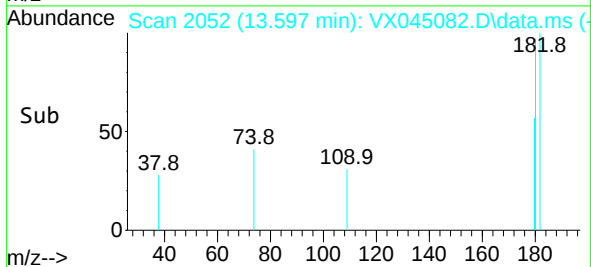
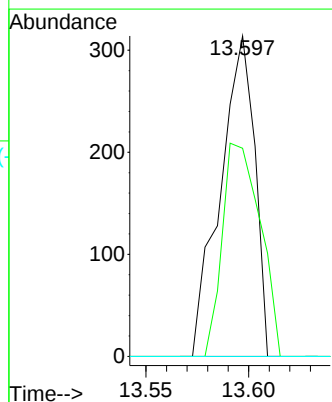
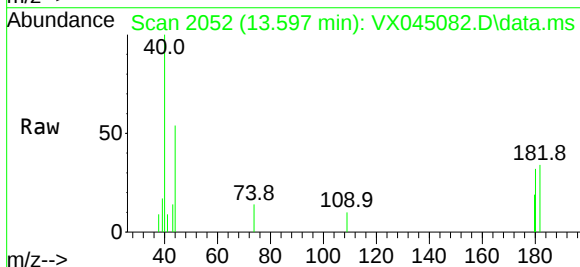
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

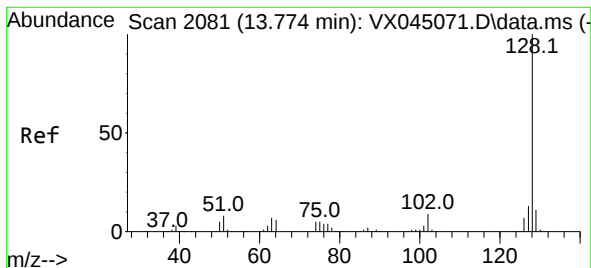
Tgt Ion: 75 Resp: 31155
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.373 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX045082.D
Acq: 28 Feb 2025 12:37

Tgt Ion:180 Resp: 366
Ion Ratio Lower Upper
180 100
182 73.2 47.3 141.9
145 0.0 16.3 48.9#





#95

Naphthalene

Concen: 0.482 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX045082.D

Acq: 28 Feb 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-840-842

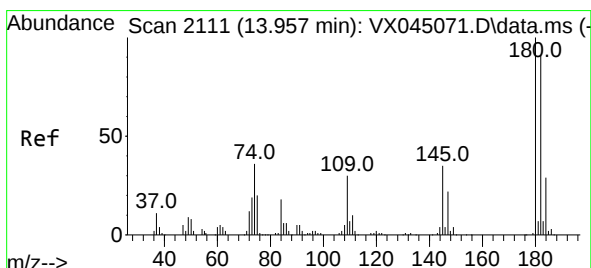
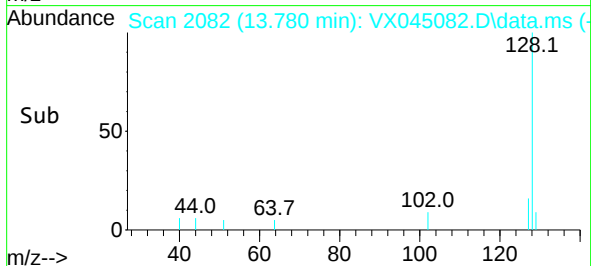
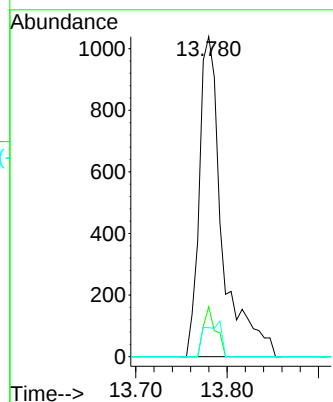
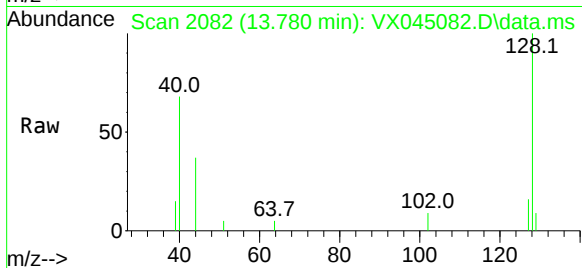
Tgt Ion:128 Resp: 1817

Ion Ratio Lower Upper

128 100

127 8.5 10.3 15.5#

129 8.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.259 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.012 min

Lab File: VX045082.D

Acq: 28 Feb 2025 12:37

Tgt Ion:180 Resp: 268

Ion Ratio Lower Upper

180 100

182 114.6 47.5 142.6

145 35.8 17.0 50.9

