

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045083.D
 Acq On : 28 Feb 2025 13:00
 Operator : JC/MD
 Sample : Q1401-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-900-902

Quant Time: Feb 28 14:35:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

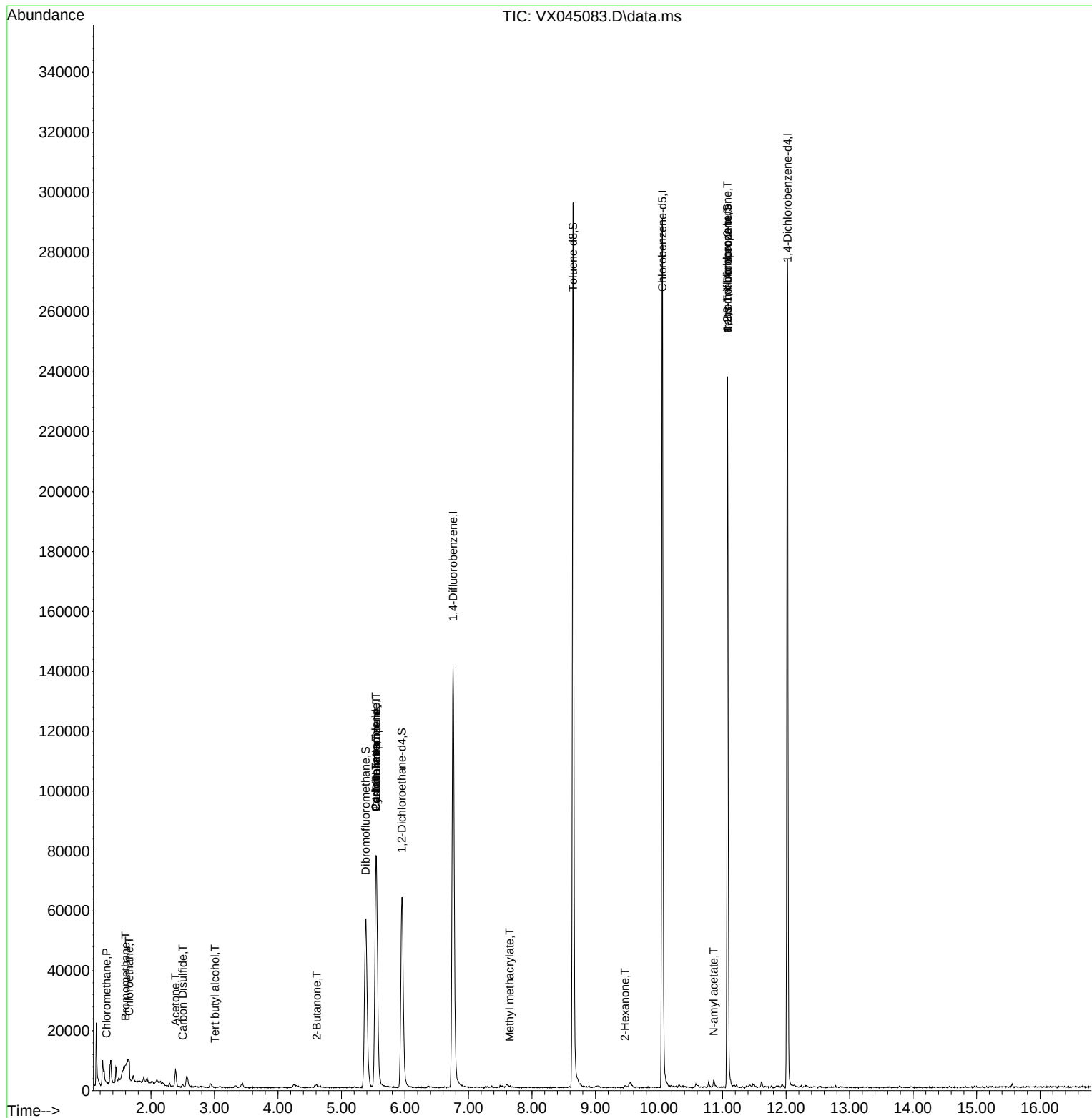
Internal Standards						
1) Pentafluorobenzene	5.550	168	73969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147122	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60186	51.153	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.300%			
35) Dibromofluoromethane	5.379	113	49988	50.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.620%			
50) Toluene-d8	8.647	98	177901	49.881	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.760%			
62) 4-Bromofluorobenzene	11.079	95	60677	51.342	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.680%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	411	0.361	ug/l	95
5) Bromomethane	1.599	94	194	0.437	ug/l	96
6) Chloroethane	1.654	64	200	0.384	ug/l #	41
11) Tert butyl alcohol	3.007	59	45	0.202	ug/l #	73
16) Acetone	2.386	43	6447	11.810	ug/l	93
17) Carbon Disulfide	2.501	76	1192	0.492	ug/l	96
25) 2-Butanone	4.611	43	2129	2.591	ug/l	92
31) Cyclohexane	5.544	56	1856	1.159	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	6300	4.670	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7708	5.628	ug/l #	15
48) Methyl methacrylate	7.647	41	269	0.209	ug/l #	34
59) 2-Hexanone	9.464	43	878	0.702	ug/l #	54
74) N-amyl acetate	10.860	43	675	0.335	ug/l #	24
76) 1,2,3-Trichloropropane	11.079	75	31770	24.777	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31770	84.791	ug/l #	6

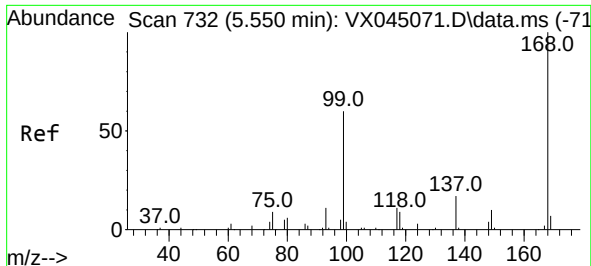
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-192-GW-900-902

Quant Time: Feb 28 14:35:45 2025
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Quant Title : SW846 8260
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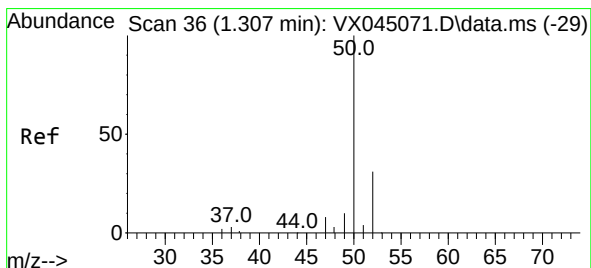
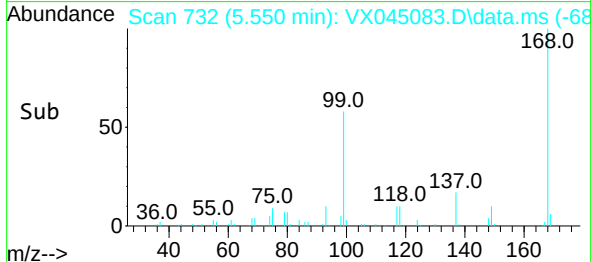
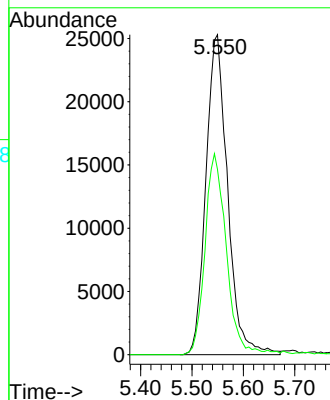
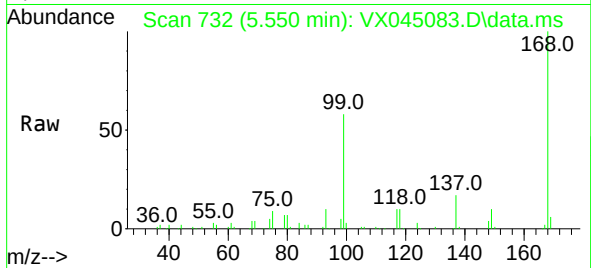




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

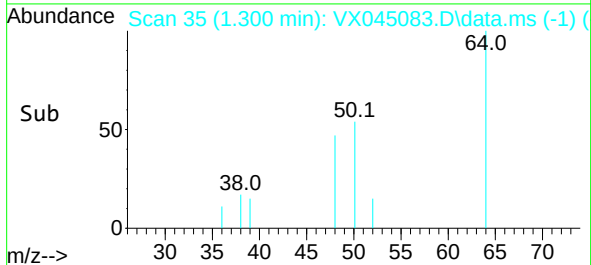
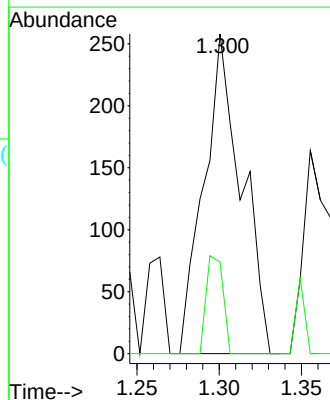
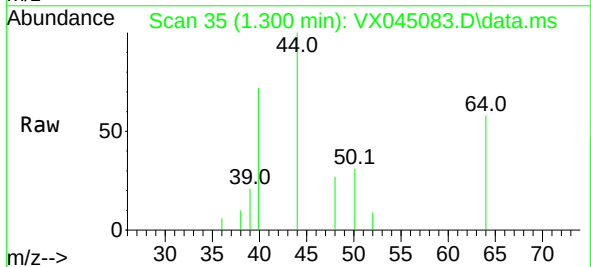
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-900-902

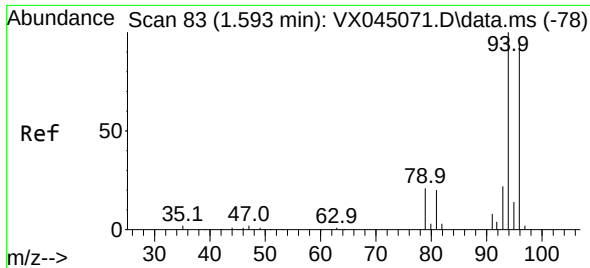
Tgt Ion:168 Resp: 73969
Ion Ratio Lower Upper
168 100
99 57.9 48.2 72.4



#3
Chloromethane
Concen: 0.361 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

Tgt Ion: 50 Resp: 411
Ion Ratio Lower Upper
50 100
52 28.7 25.0 37.4

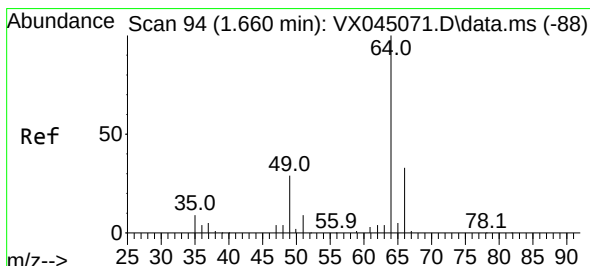
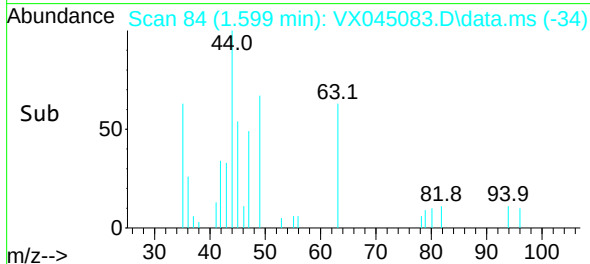
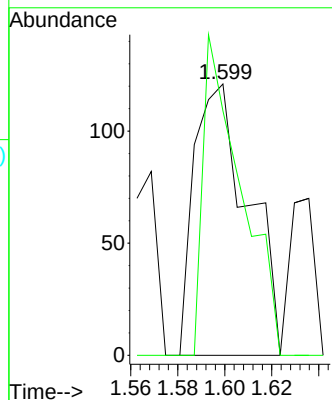
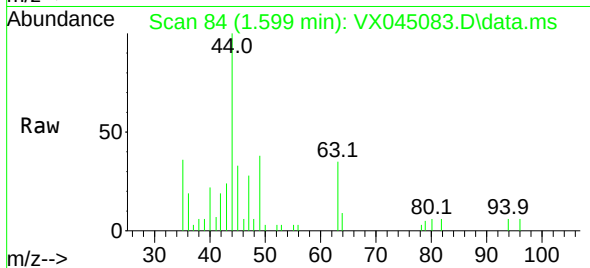




#5
Bromomethane
Concen: 0.437 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

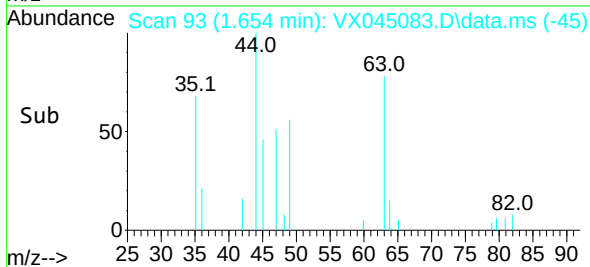
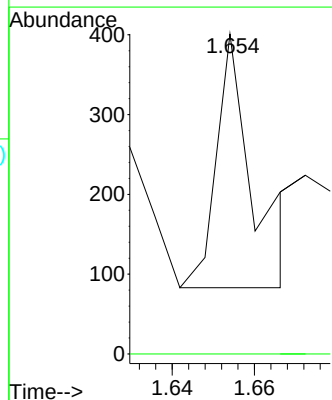
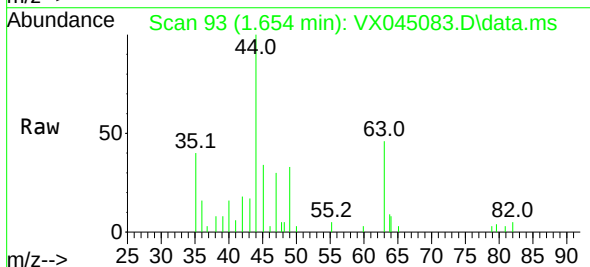
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-900-902

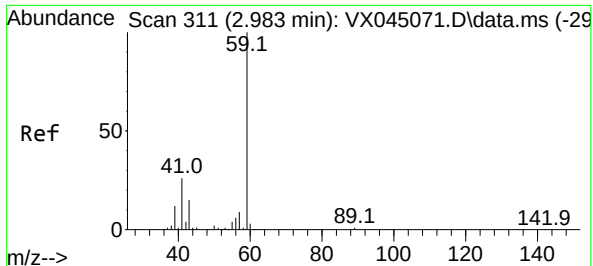
Tgt Ion: 94 Resp: 194
Ion Ratio Lower Upper
94 100
96 90.1 75.0 112.4



#6
Chloroethane
Concen: 0.384 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.006 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

Tgt Ion: 64 Resp: 200
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#





#11

Tert butyl alcohol

Concen: 0.202 ug/l

RT: 3.007 min Scan# 311

Delta R.T. 0.024 min

Lab File: VX045083.D

Acq: 28 Feb 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

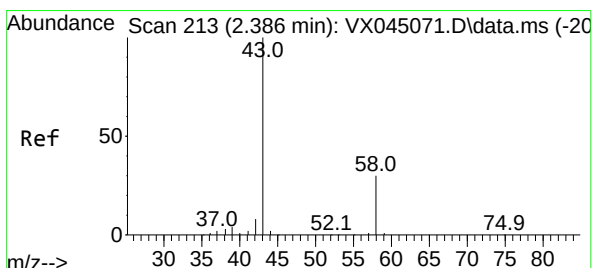
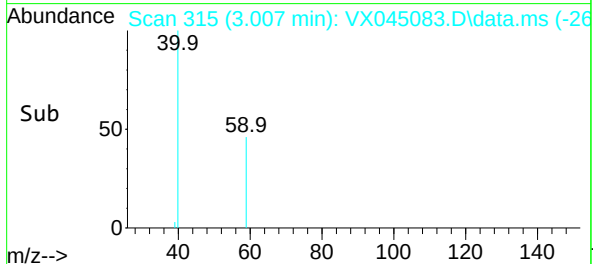
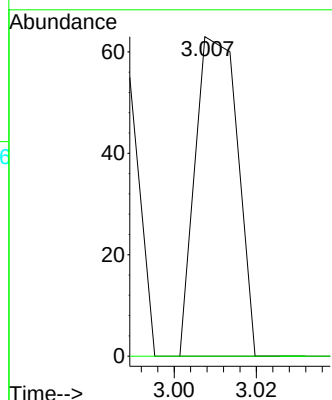
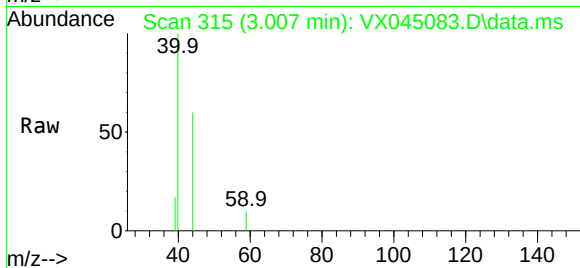
BP-VPB-192-GW-900-902

Tgt Ion: 59 Resp: 45

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 11.810 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045083.D

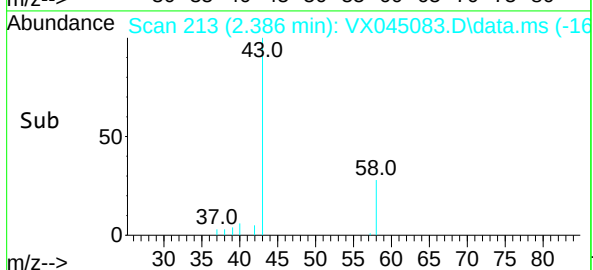
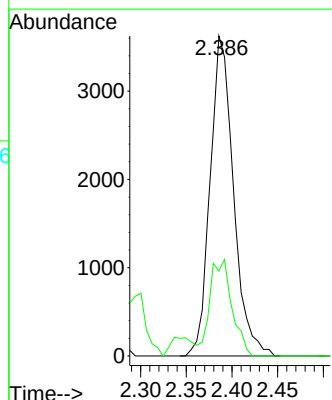
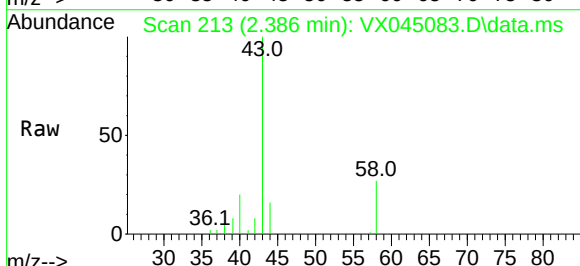
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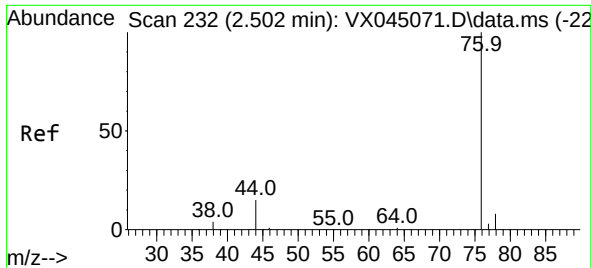
Tgt Ion: 43 Resp: 6447

Ion Ratio Lower Upper

43 100

58 26.6 24.2 36.4

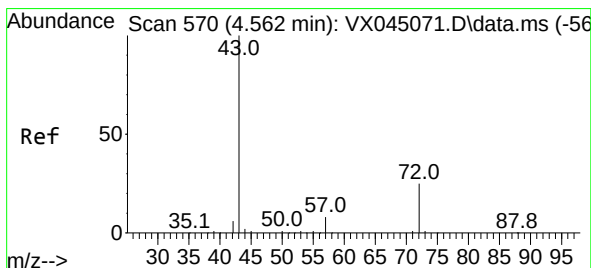
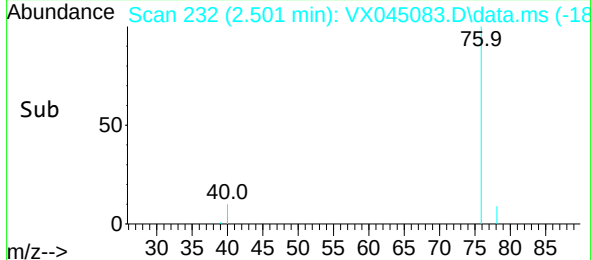
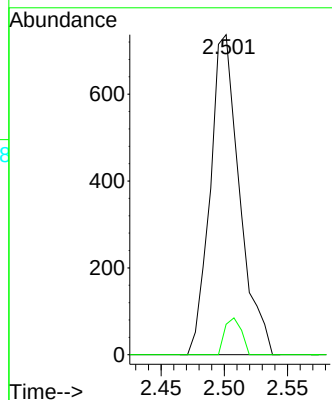
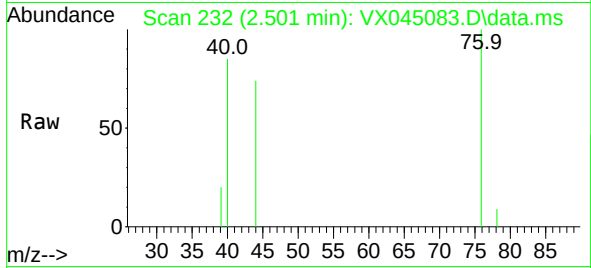




#17
Carbon Disulfide
Concen: 0.492 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

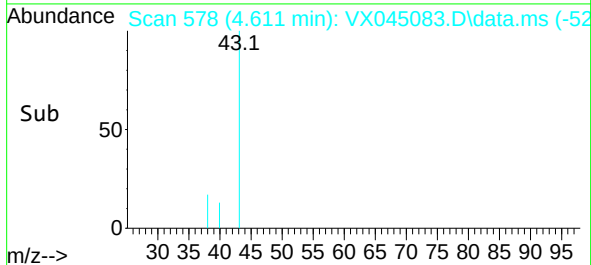
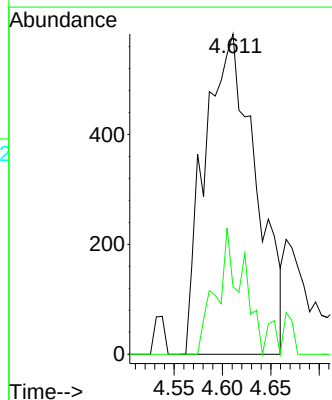
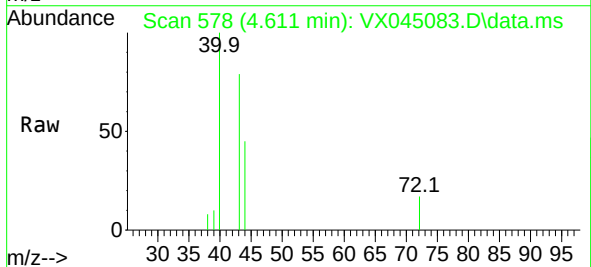
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-900-902

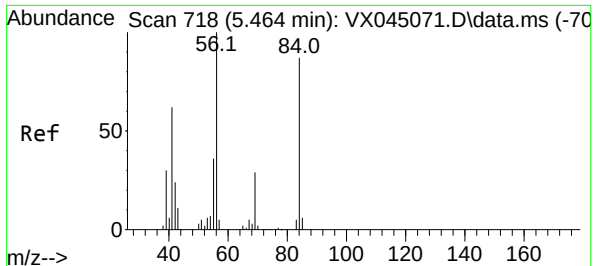
Tgt Ion: 76 Resp: 1192
Ion Ratio Lower Upper
76 100
78 9.5 6.6 9.8



#25
2-Butanone
Concen: 2.591 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.049 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

Tgt Ion: 43 Resp: 2129
Ion Ratio Lower Upper
43 100
72 21.1 20.0 30.0

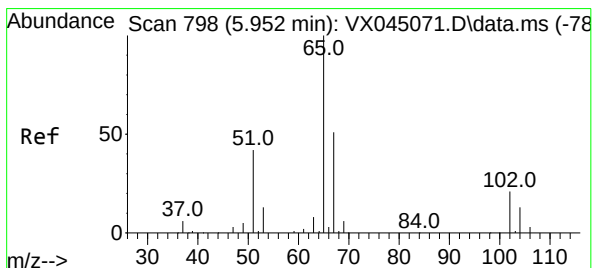
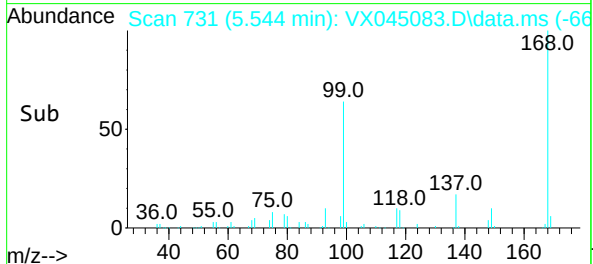
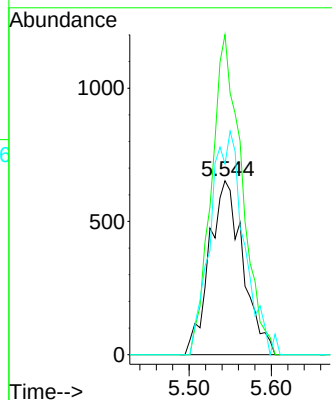
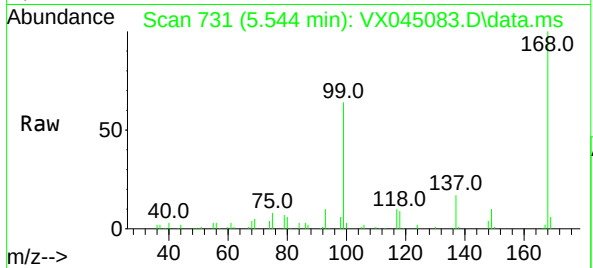




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

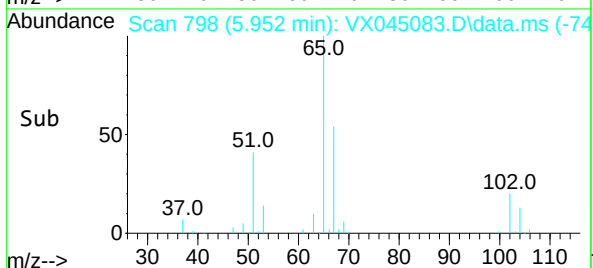
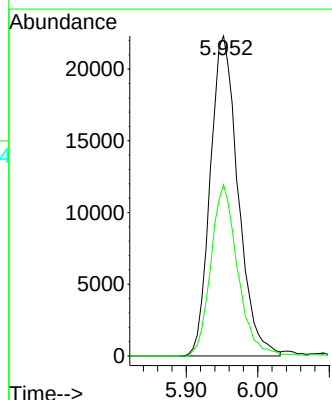
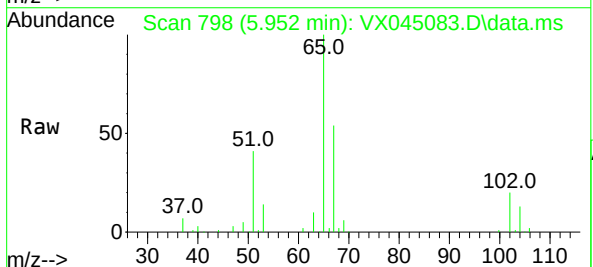
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-900-902

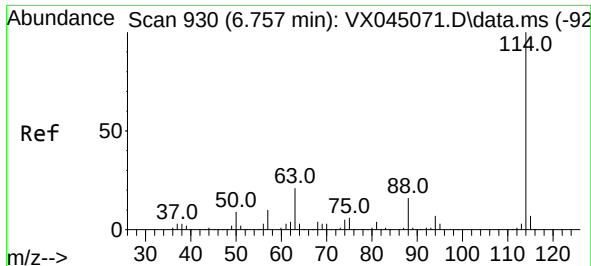
Tgt Ion: 56 Resp: 1856
Ion Ratio Lower Upper
56 100
69 183.9 23.4 35.2#
84 109.6 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 51.153 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

Tgt Ion: 65 Resp: 60186
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.2

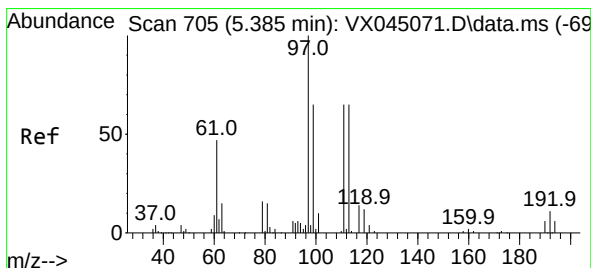
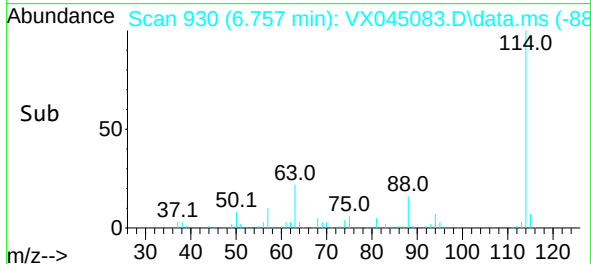
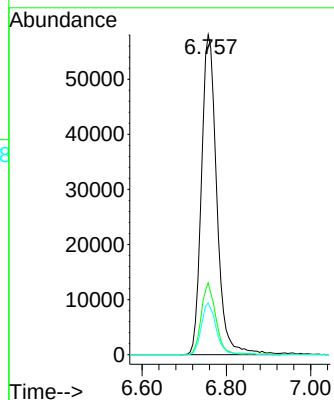
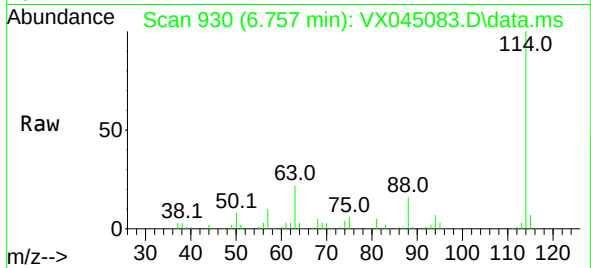




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

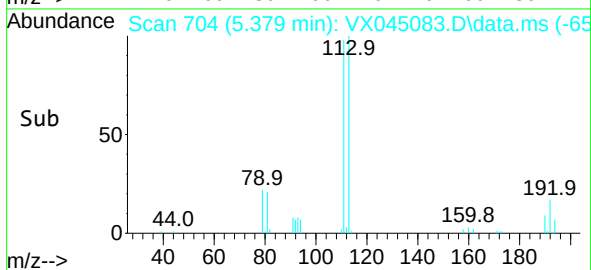
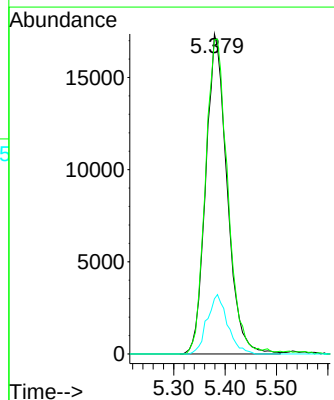
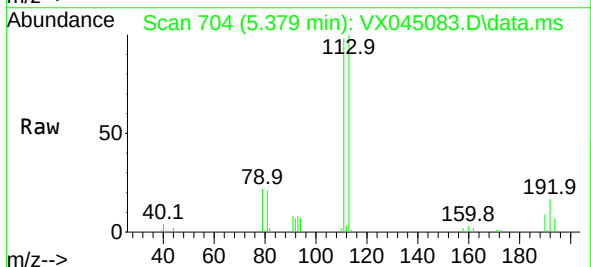
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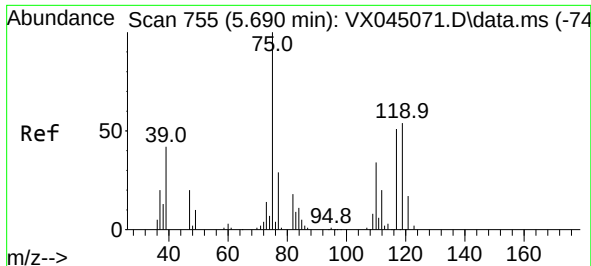
Tgt Ion:114 Resp: 147122
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.813 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

Tgt Ion:113 Resp: 49988
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 17.8 14.3 21.5

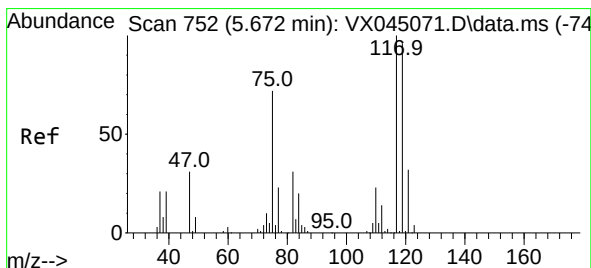
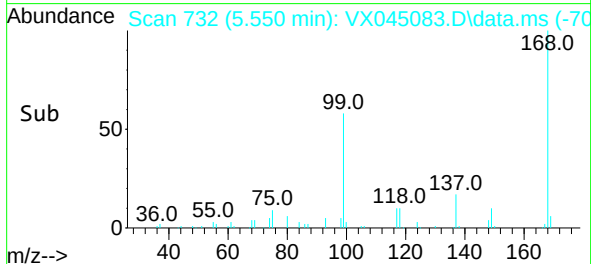
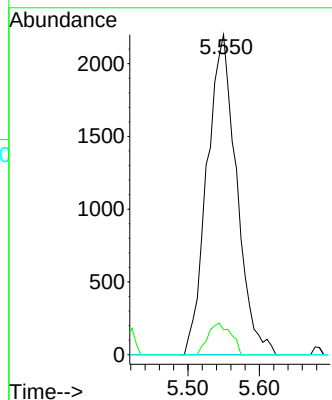
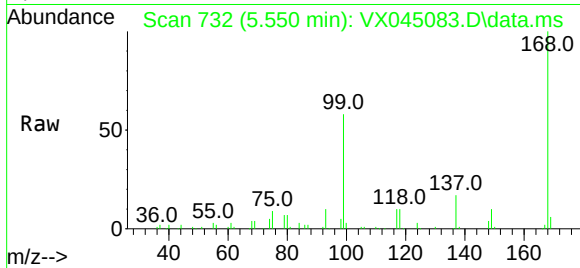




#36
1,1-Dichloropropene
Concen: 4.670 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

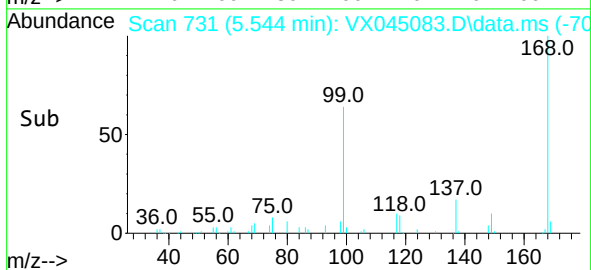
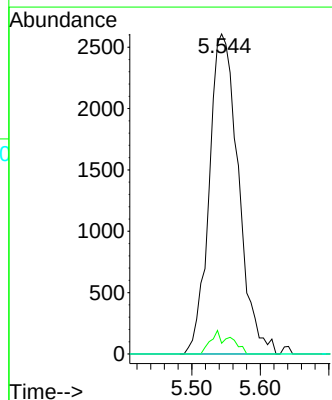
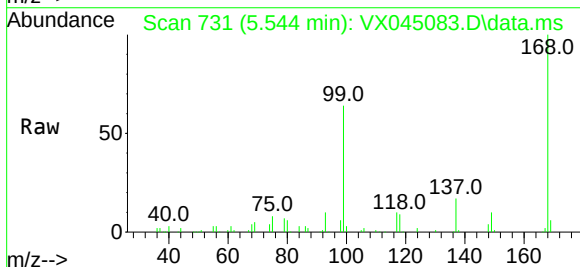
Instrument :
MSVOA_X
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BP-VPB-192-GW-900-902

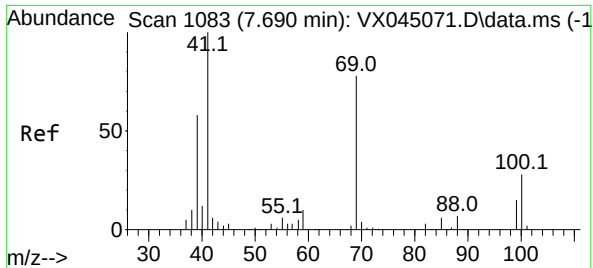
Tgt Ion: 75 Resp: 6300
Ion Ratio Lower Upper
75 100
110 7.7 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.628 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

Tgt Ion: 117 Resp: 7708
Ion Ratio Lower Upper
117 100
119 3.3 76.7 115.1#
121 0.0 25.5 38.3#

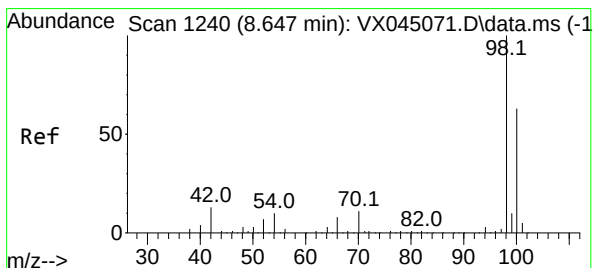
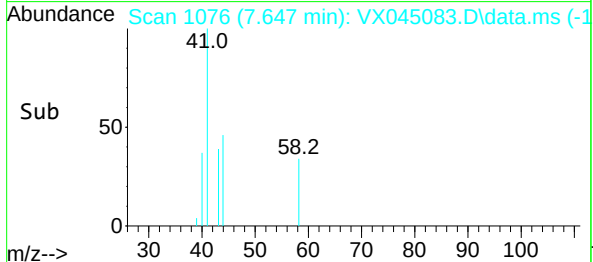
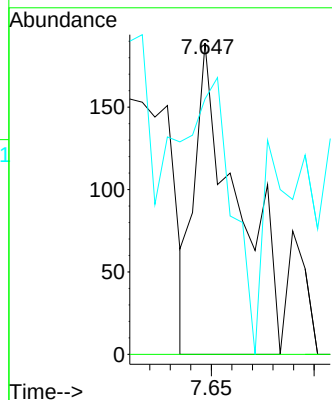
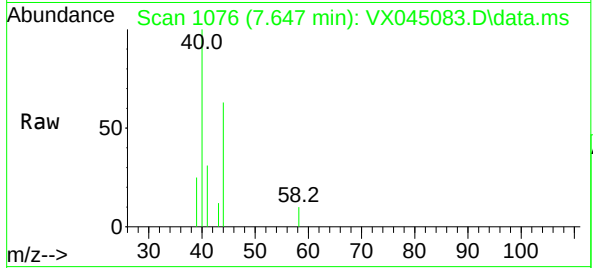




#48
Methyl methacrylate
Concen: 0.209 ug/l
RT: 7.647 min Scan# 1083
Delta R.T. -0.043 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

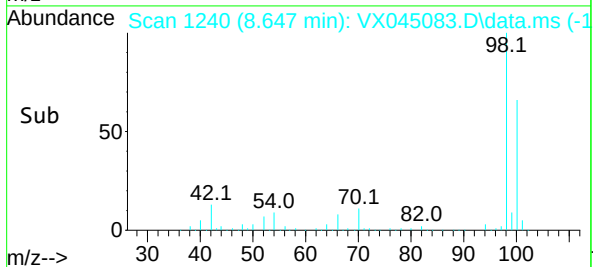
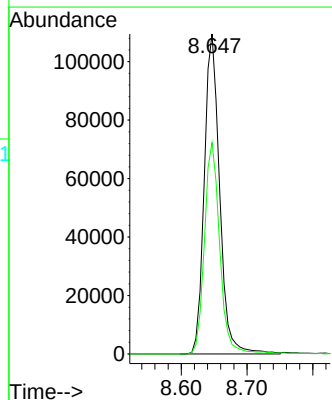
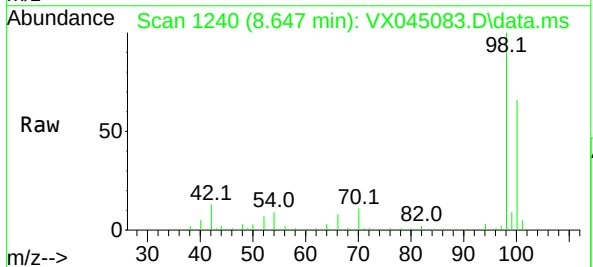
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-900-902

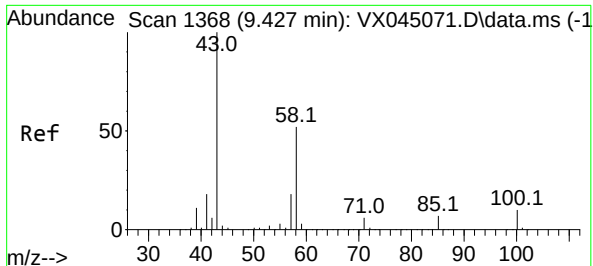
Tgt Ion: 41 Resp: 269
Ion Ratio Lower Upper
41 100
69 0.0 63.0 94.6#
39 84.4 47.5 71.3#



#50
Toluene-d8
Concen: 49.881 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

Tgt Ion: 98 Resp: 177901
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0





#59

2-Hexanone

Concen: 0.702 ug/l

RT: 9.464 min Scan# 11

Delta R.T. 0.036 min

Lab File: VX045083.D

Acq: 28 Feb 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

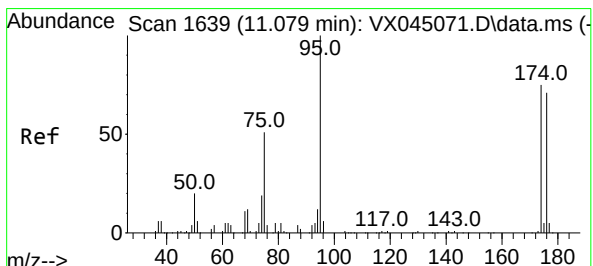
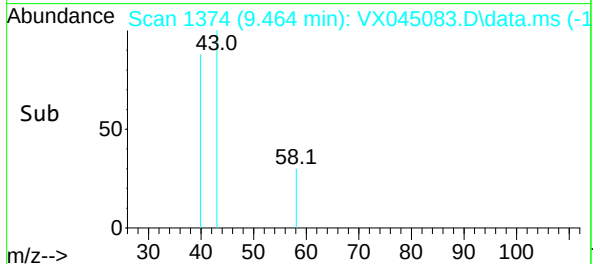
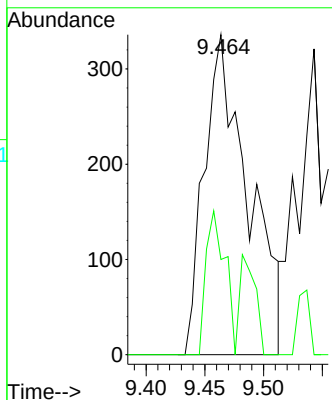
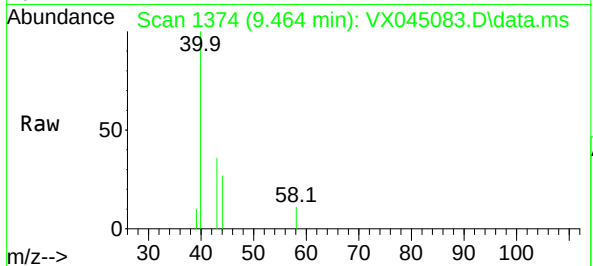
BP-VPB-192-GW-900-902

Tgt Ion: 43 Resp: 878

Ion Ratio Lower Upper

43 100

58 19.4 25.9 77.6#



#62

4-Bromofluorobenzene

Concen: 51.342 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045083.D

Acq: 28 Feb 2025 13:00

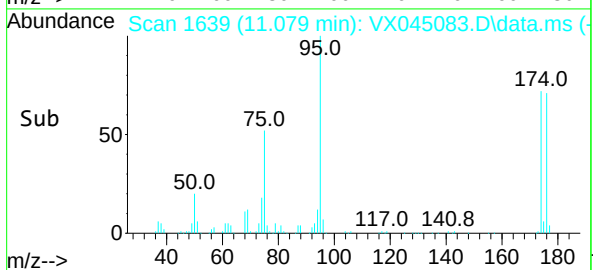
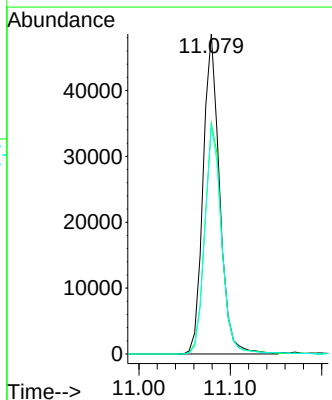
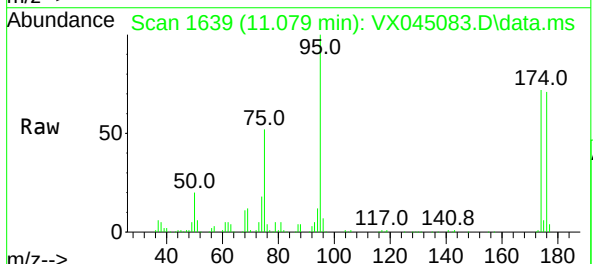
Tgt Ion: 95 Resp: 60677

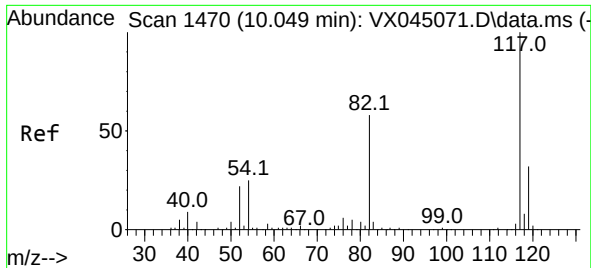
Ion Ratio Lower Upper

95 100

174 74.2 0.0 148.2

176 72.6 0.0 141.4

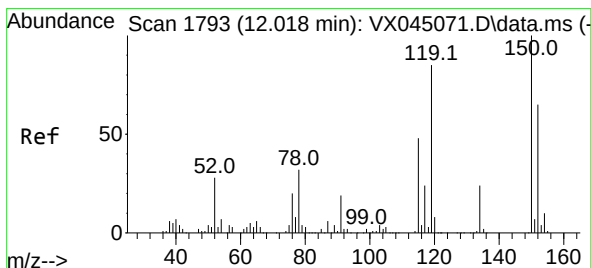
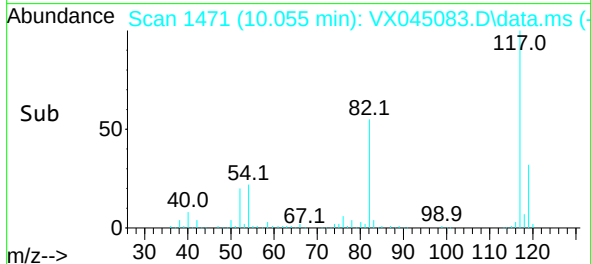
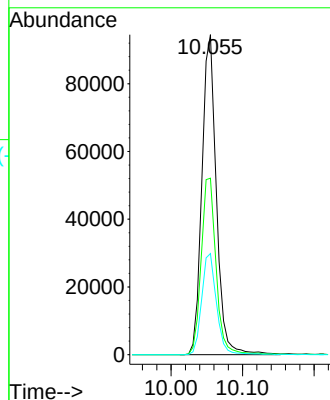
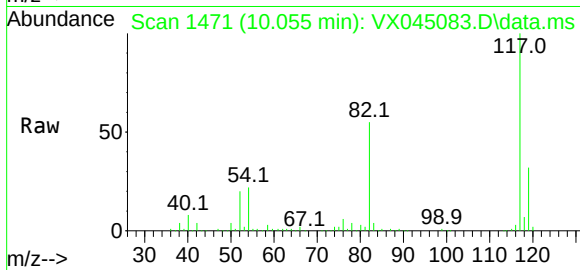




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

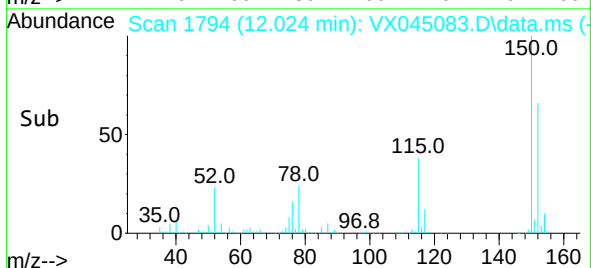
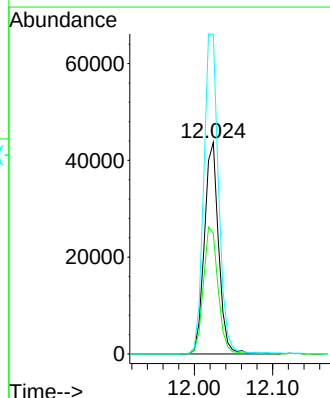
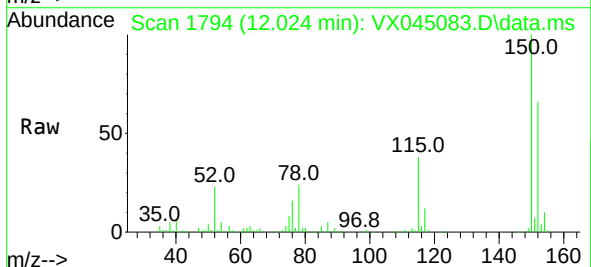
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-900-902

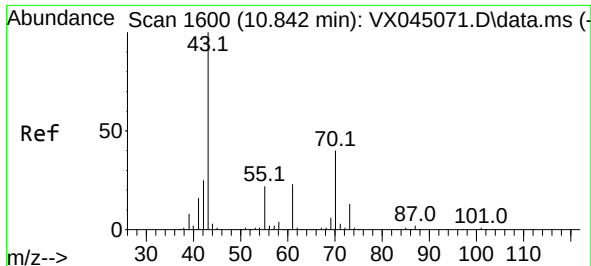
Tgt Ion:117 Resp: 132699
Ion Ratio Lower Upper
117 100
82 55.2 46.3 69.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

Tgt Ion:152 Resp: 55091
Ion Ratio Lower Upper
152 100
115 62.0 44.2 132.6
150 158.4 0.0 349.0

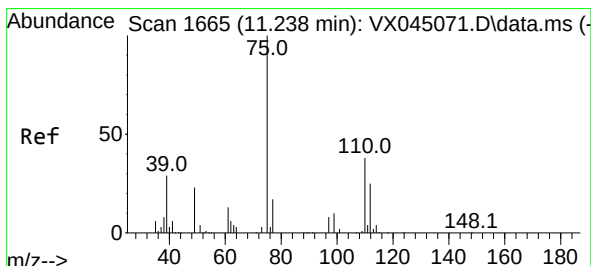
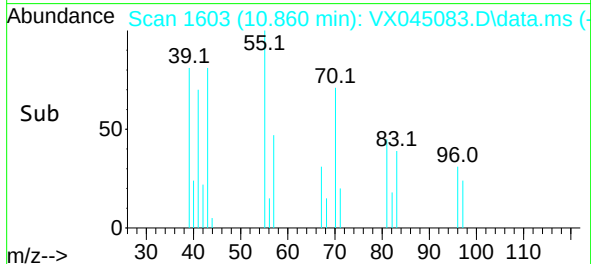
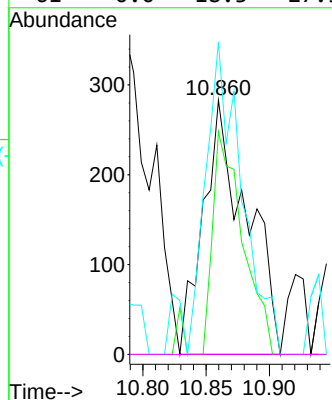
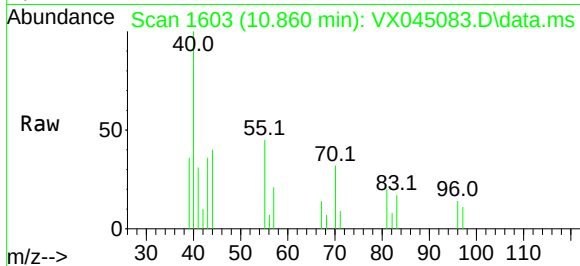




#74
N-amy1 acetate
Concen: 0.335 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

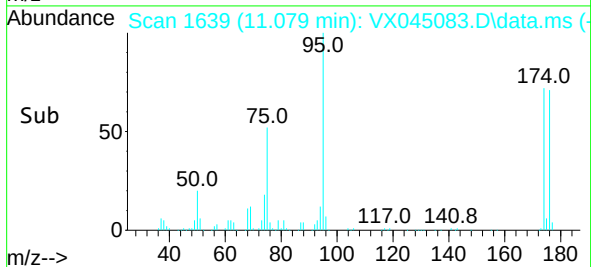
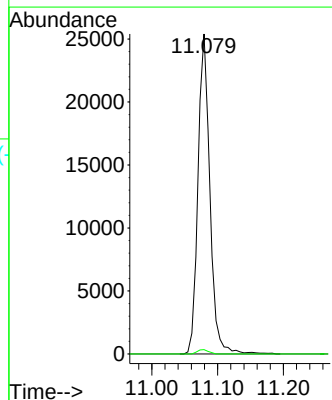
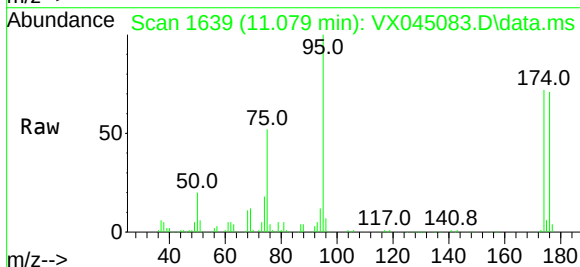
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-900-902

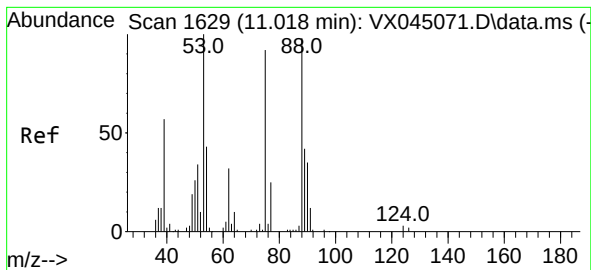
Tgt Ion: 43	Resp: 675
Ion Ratio	Lower Upper
43 100	
70 60.6	31.8 47.6#
55 109.2	18.3 27.5#
61 0.0	18.3 27.5#



#76
1,2,3-Trichloropropane
Concen: 24.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045083.D
Acq: 28 Feb 2025 13:00

Tgt Ion: 75	Resp: 31770
Ion Ratio	Lower Upper
75 100	
77 1.3	20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.791 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045083.D
 Acq: 28 Feb 2025 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-900-902

Tgt Ion: 75 Resp: 31770
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

