

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022525\
 Data File : VX045039.D
 Acq On : 25 Feb 2025 15:17
 Operator : JC/MD
 Sample : Q1401-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 26 03:17:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

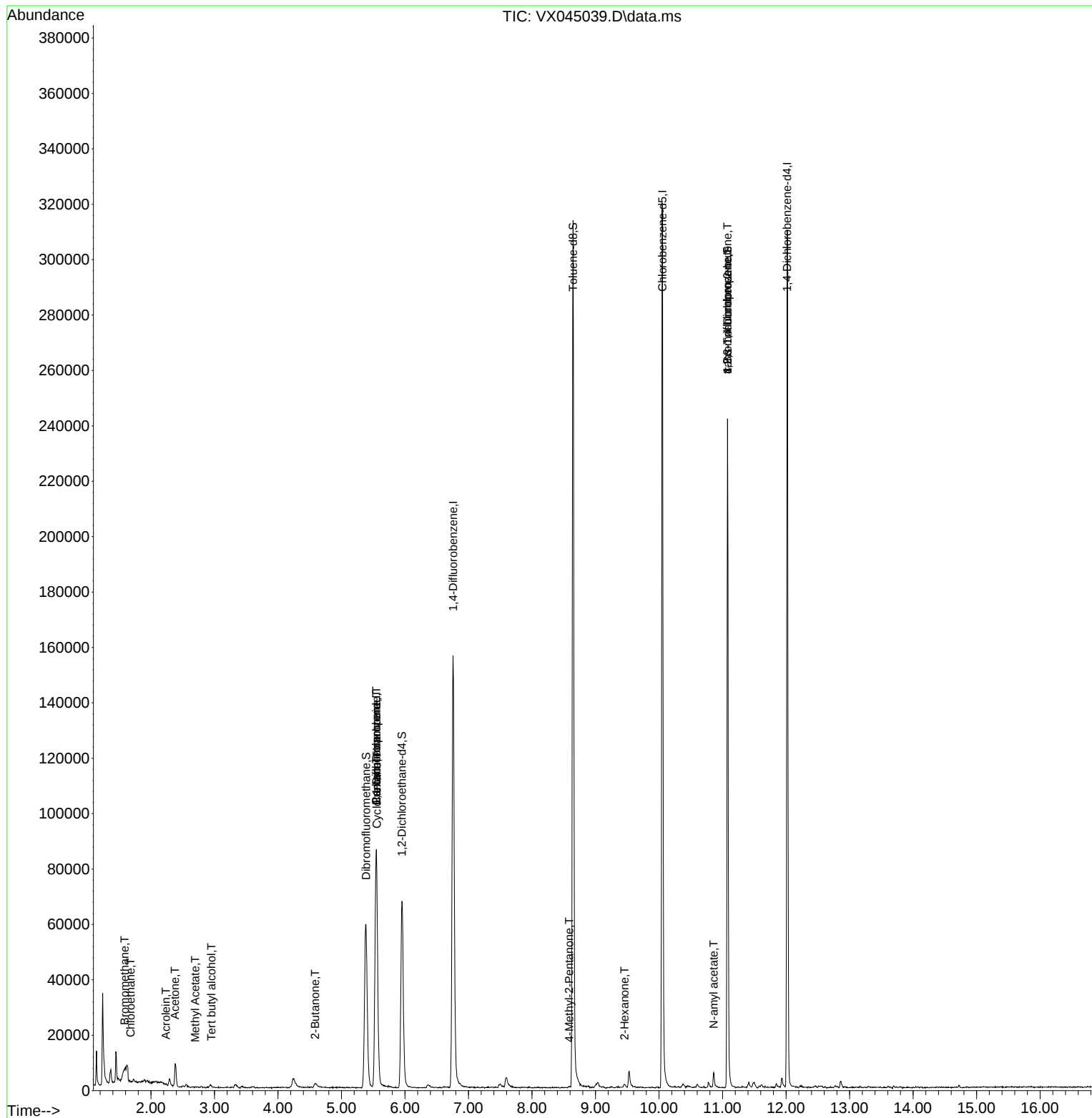
Internal Standards						
1) Pentafluorobenzene	5.550	168	82149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161424	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63496	52.803	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.600%		
35) Dibromofluoromethane	5.385	113	53442	50.920	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.840%		
50) Toluene-d8	8.647	98	190401	47.976	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.960%		
62) 4-Bromofluorobenzene	11.079	95	63599	47.536	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 95.080%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	136	0.335	ug/l #	5
6) Chloroethane	1.678	64	168	1.596	ug/l #	42
11) Tert butyl alcohol	2.953	59	511	2.291	ug/l #	73
13) Acrolein	2.233	56	70	0.304	ug/l #	63
16) Acetone	2.380	43	9621	19.902	ug/l	89
18) Methyl Acetate	2.697	43	351	0.230	ug/l #	52
25) 2-Butanone	4.586	43	3931	5.008	ug/l	90
31) Cyclohexane	5.556	56	2018	1.081	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	7092	4.684	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8518	5.741	ug/l #	15
51) 4-Methyl-2-Pentanone	8.586	43	535	0.324	ug/l #	57
59) 2-Hexanone	9.457	43	1249	1.048	ug/l	99
74) N-amyl acetate	10.860	43	1262	0.572	ug/l #	37
76) 1,2,3-Trichloropropane	11.079	75	33528	24.971	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33528	64.235	ug/l #	11

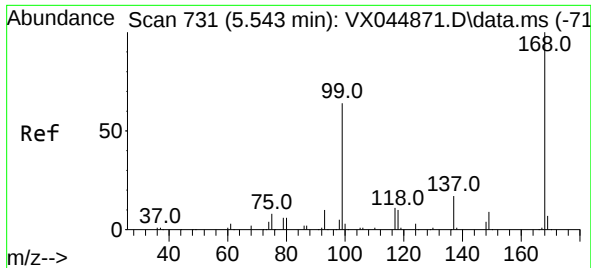
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-192-GW-840-842

Quant Time: Feb 26 03:17:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

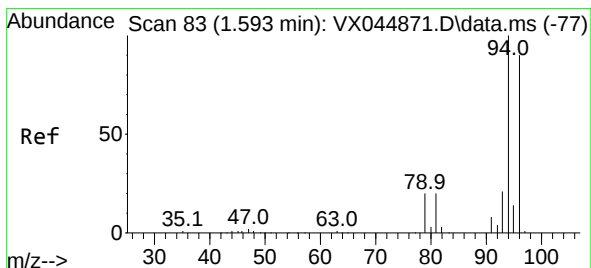
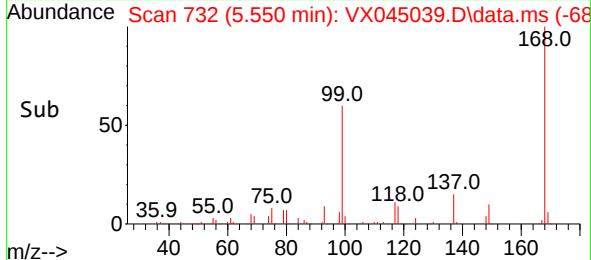
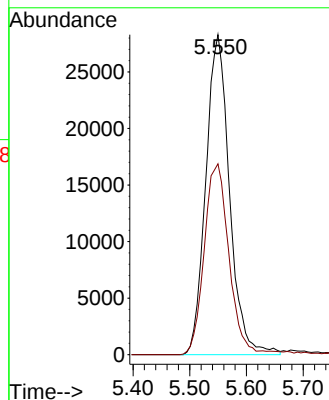
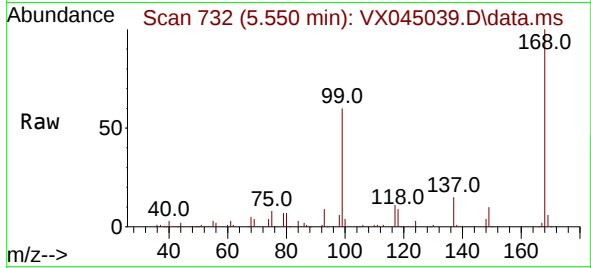




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

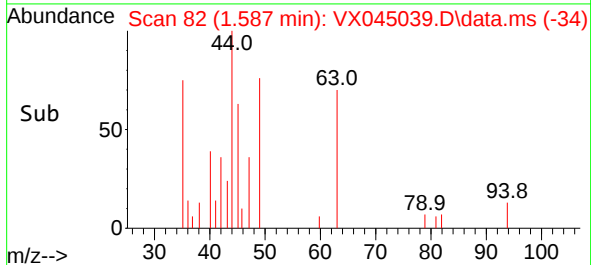
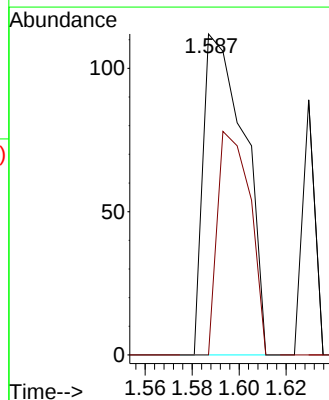
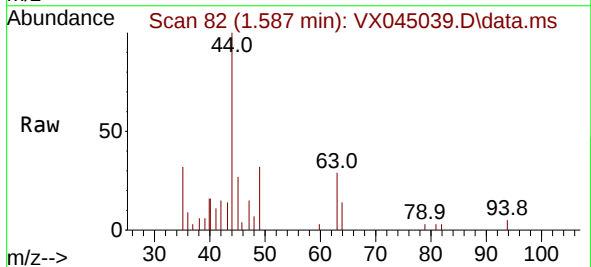
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

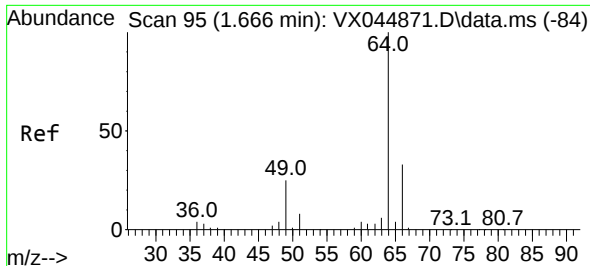
Tgt Ion:168 Resp: 82149
Ion Ratio Lower Upper
168 100
99 59.6 51.2 76.8



#5
Bromomethane
Concen: 0.335 ug/l
RT: 1.587 min Scan# 82
Delta R.T. -0.006 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 0.0 71.6 107.4#

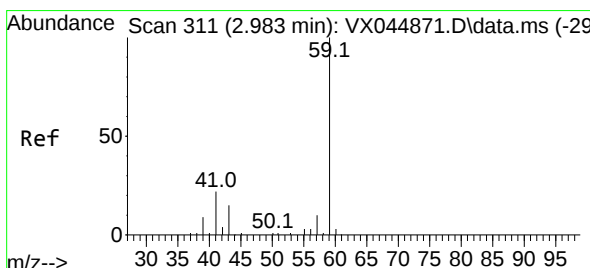
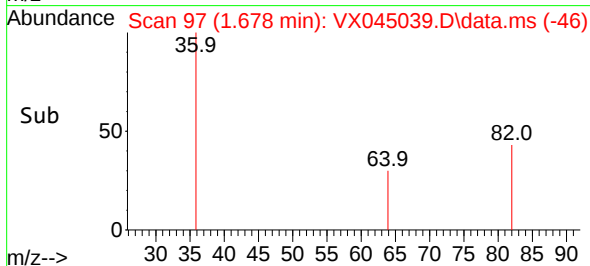
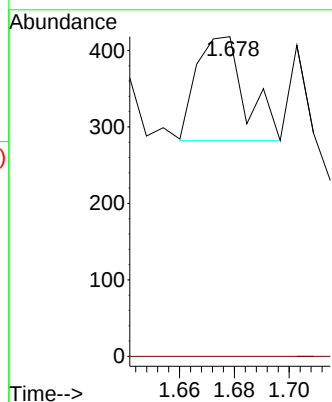
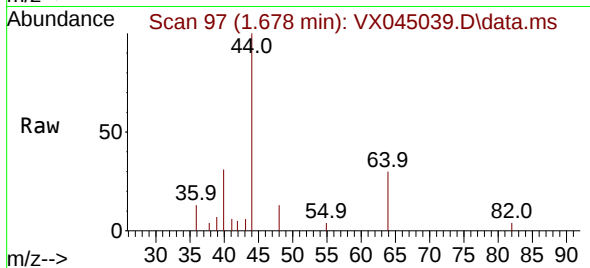




#6
Chloroethane
Concen: 1.596 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

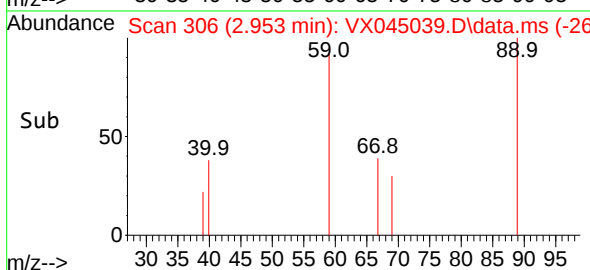
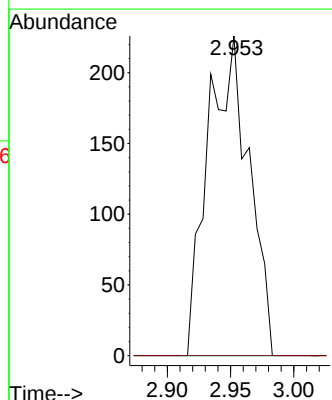
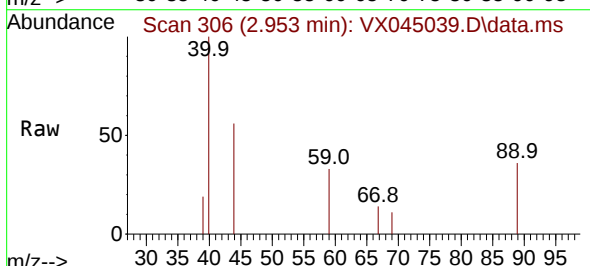
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

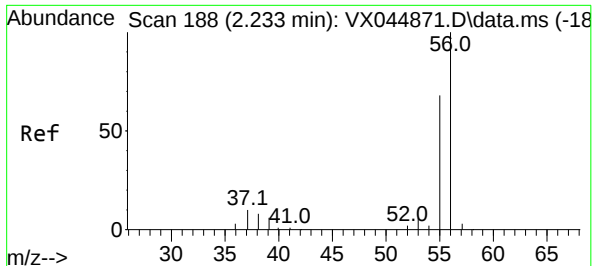
Tgt Ion: 64 Resp: 168
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 2.291 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

Tgt Ion: 59 Resp: 511
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

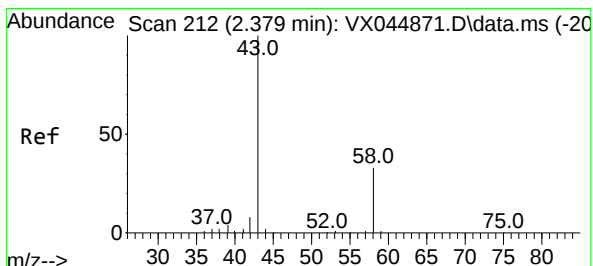
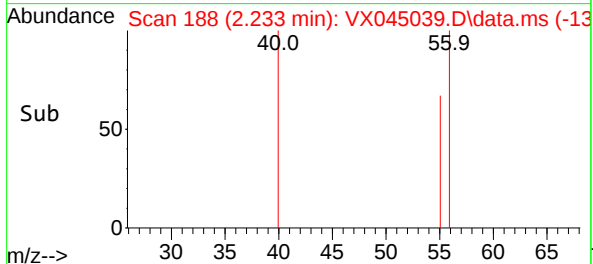
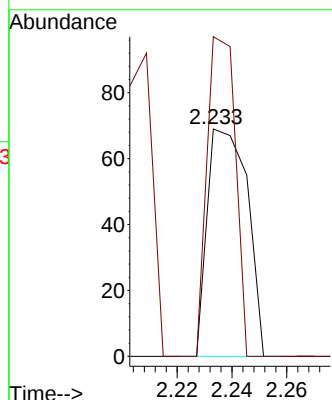
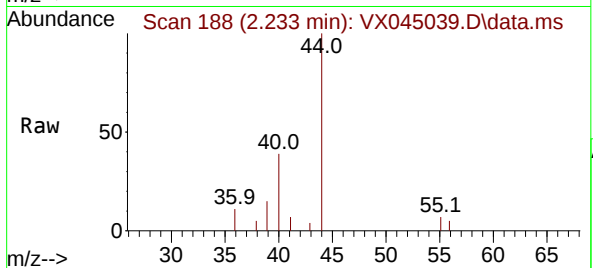




#13
Acrolein
Concen: 0.304 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

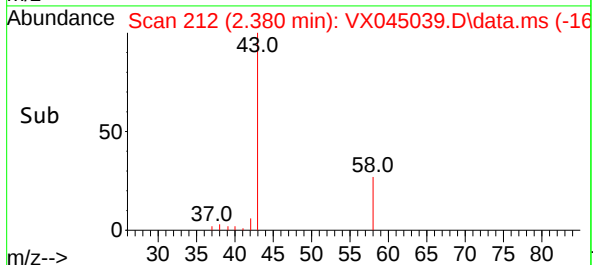
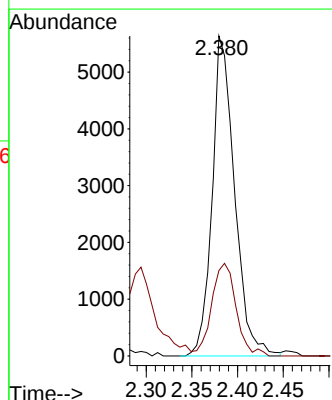
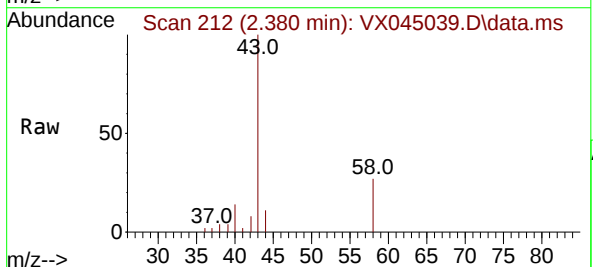
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

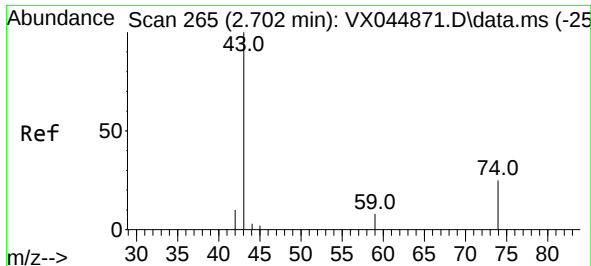
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 100.0 55.7 83.5#



#16
Acetone
Concen: 19.902 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

Tgt Ion: 43 Resp: 9621
Ion Ratio Lower Upper
43 100
58 26.7 26.5 39.7

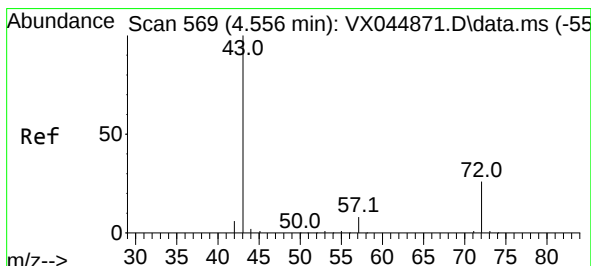
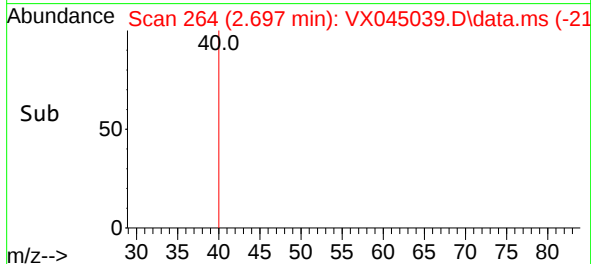
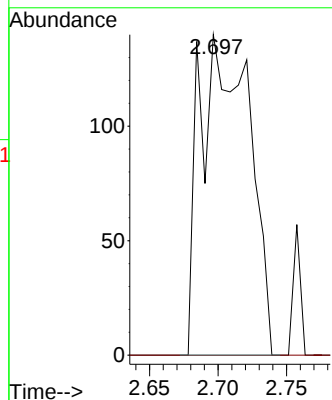
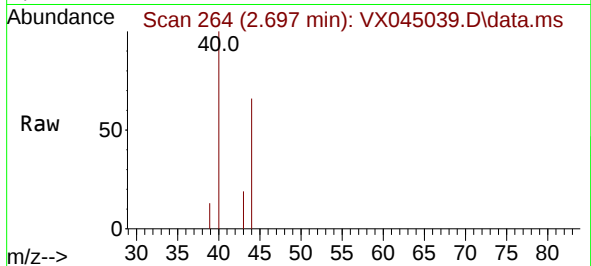




#18
Methyl Acetate
Concen: 0.230 ug/l
RT: 2.697 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

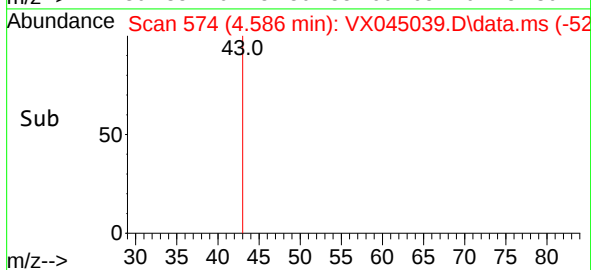
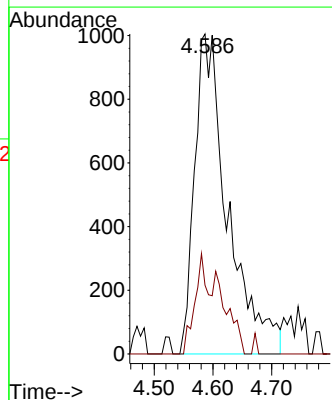
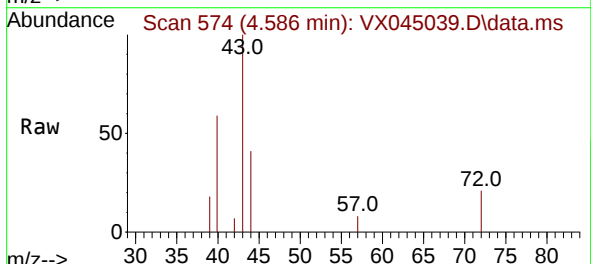
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

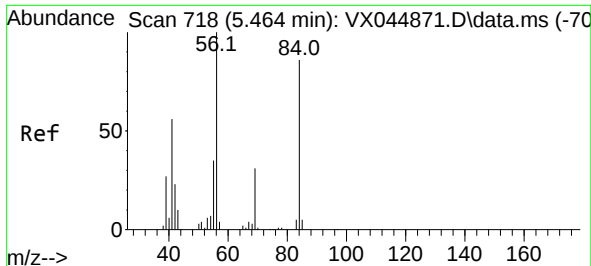
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#25
2-Butanone
Concen: 5.008 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.031 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

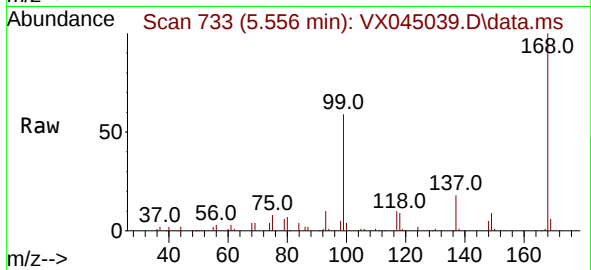
Tgt Ion: 43 Resp: 3931
Ion Ratio Lower Upper
43 100
72 21.5 21.2 31.8



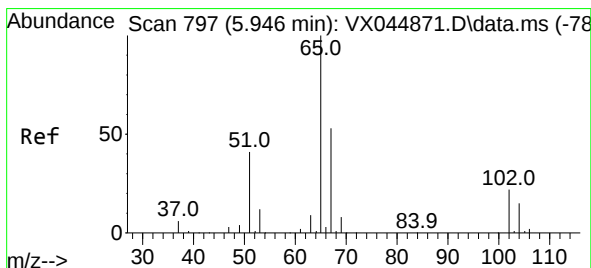
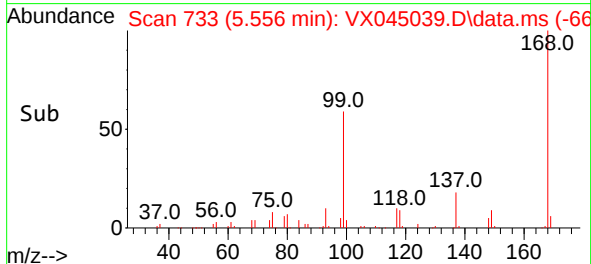
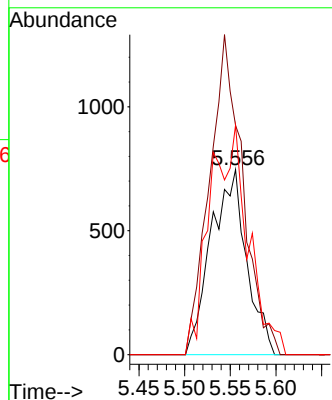


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

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

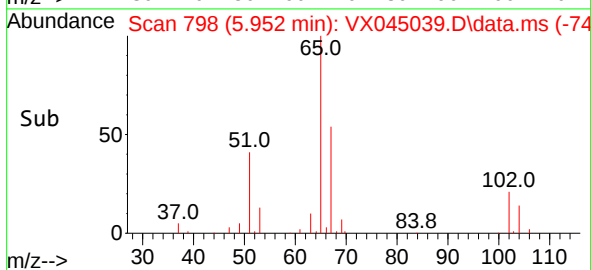
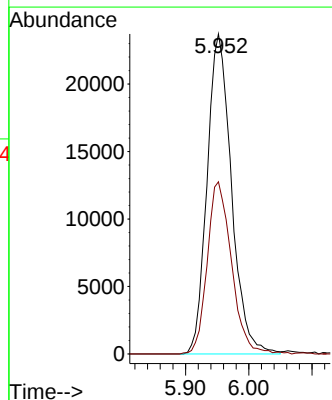
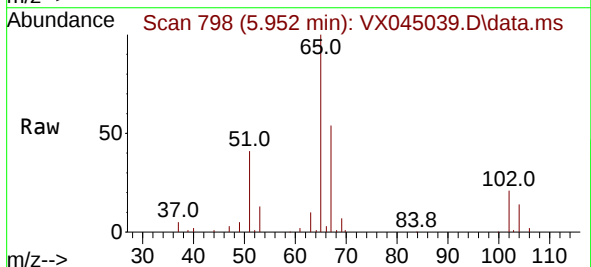


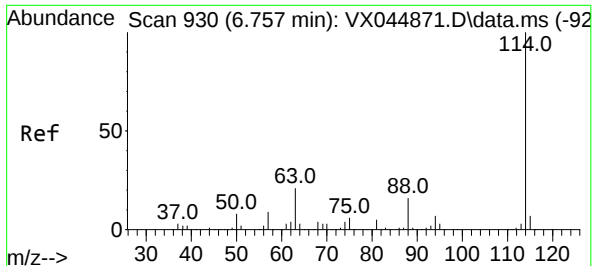
Tgt Ion: 56 Resp: 2018
Ion Ratio Lower Upper
56 100
69 123.8 24.4 36.6#
84 124.0 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 52.803 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

Tgt Ion: 65 Resp: 63496
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.2

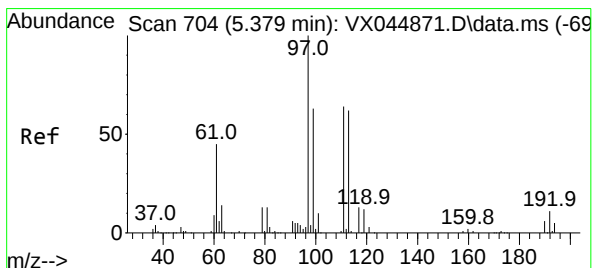
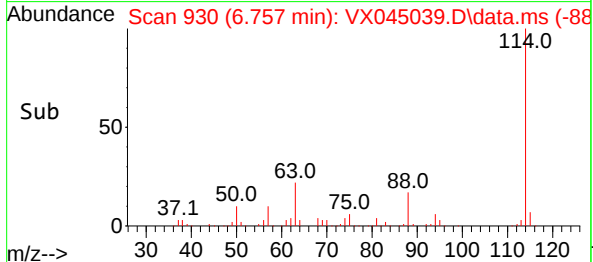
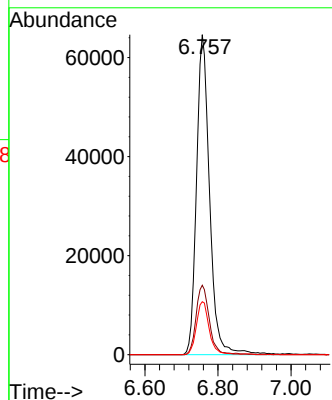
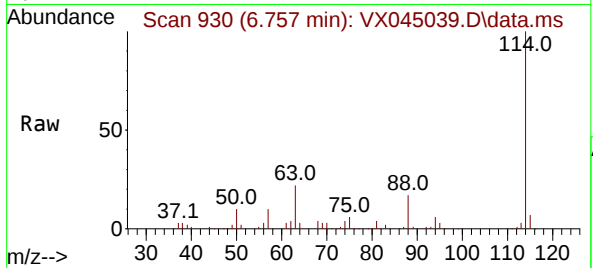




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

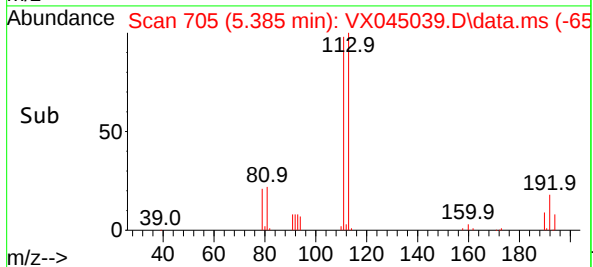
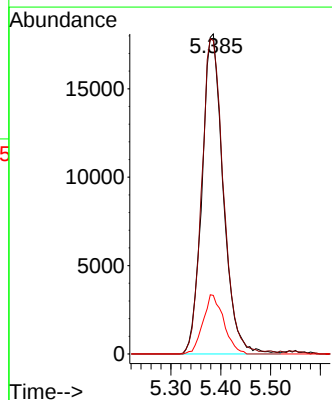
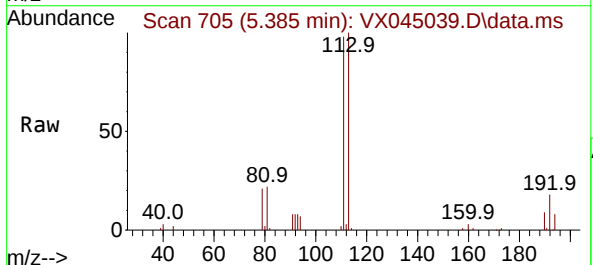
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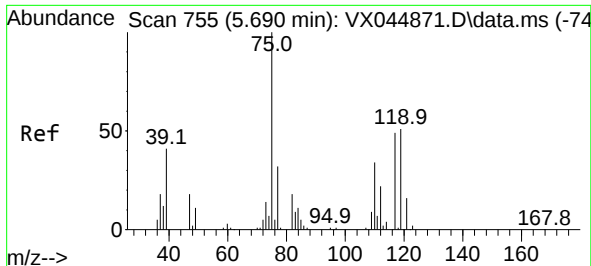
Tgt Ion:114 Resp: 161424
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 16.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.920 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

Tgt Ion:113 Resp: 53442
Ion Ratio Lower Upper
113 100
111 100.9 83.5 125.3
192 18.1 14.4 21.6

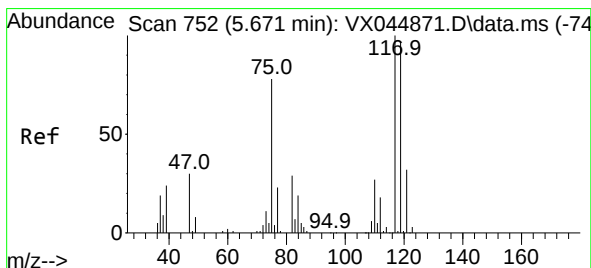
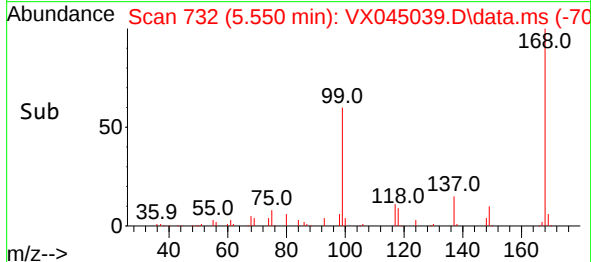
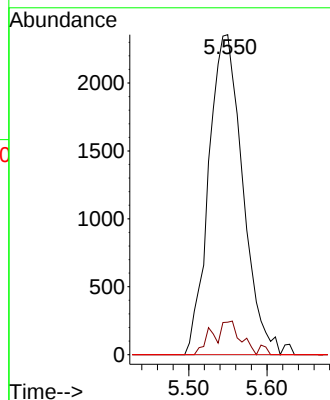
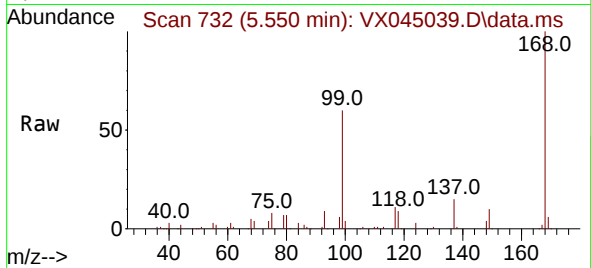




#36
 1,1-Dichloropropene
 Concen: 4.684 ug/l
 RT: 5.550 min Scan# 712
 Delta R.T. -0.140 min
 Lab File: VX045039.D
 Acq: 25 Feb 2025 15:17

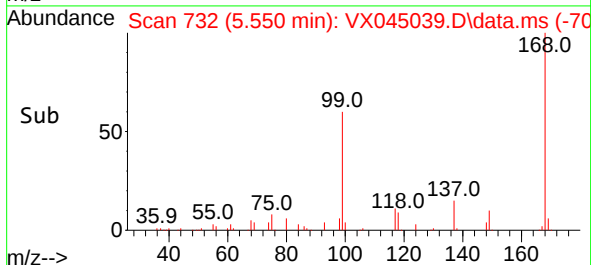
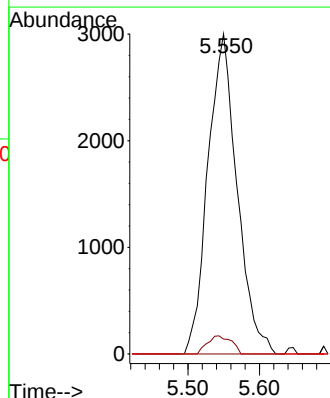
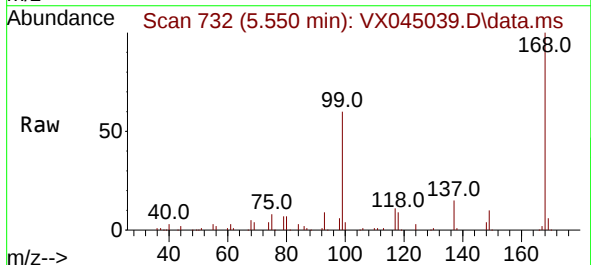
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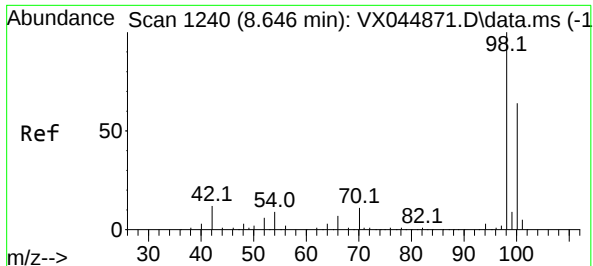
Tgt Ion: 75 Resp: 7092
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.2 51.6#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.741 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.122 min
 Lab File: VX045039.D
 Acq: 25 Feb 2025 15:17

Tgt Ion: 117 Resp: 8518
 Ion Ratio Lower Upper
 117 100
 119 4.6 77.5 116.3#
 121 0.0 25.6 38.4#

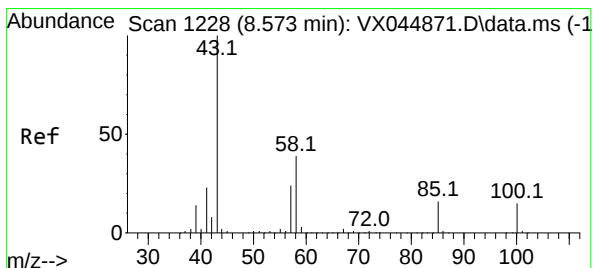
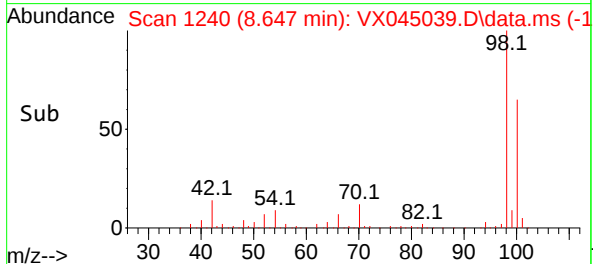
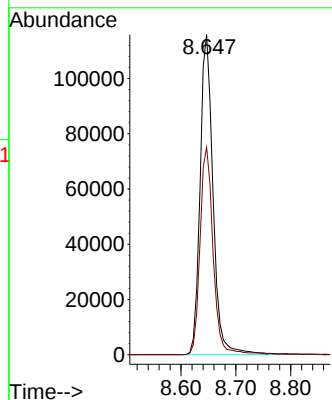
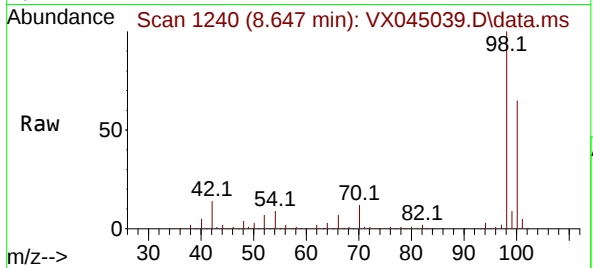




#50
Toluene-d8
Concen: 47.976 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

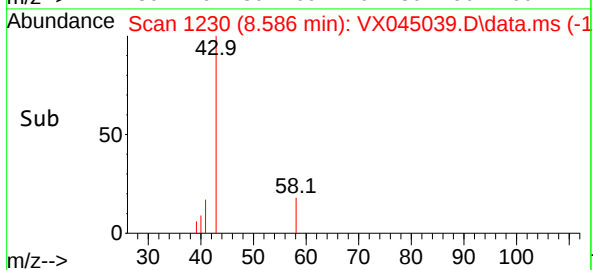
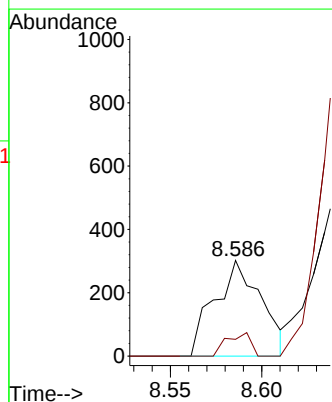
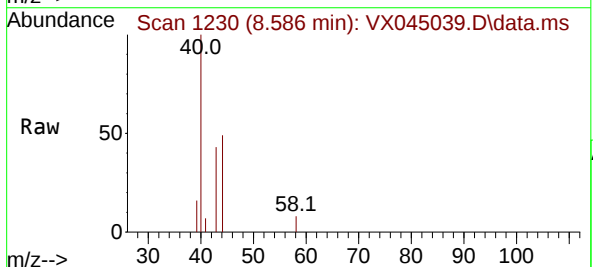
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

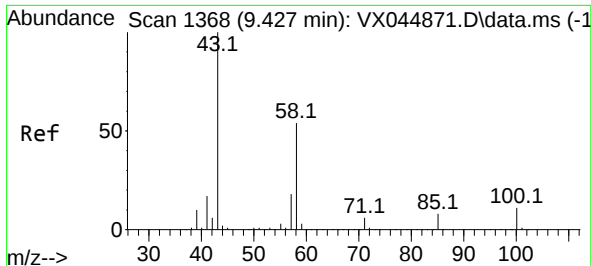
Tgt Ion: 98 Resp: 190401
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.324 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

Tgt Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
58 12.5 30.8 46.2#





#59

2-Hexanone

Concen: 1.048 ug/l

RT: 9.457 min Scan# 11

Delta R.T. 0.031 min

Lab File: VX045039.D

Acq: 25 Feb 2025 15:17

Instrument :

MSVOA_X

ClientSampleId :

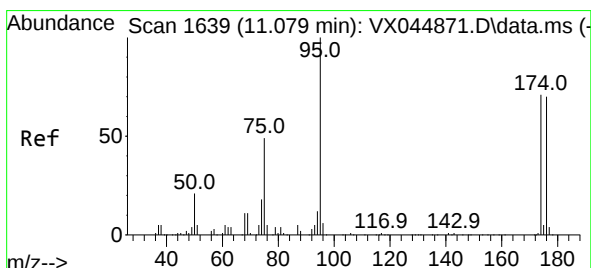
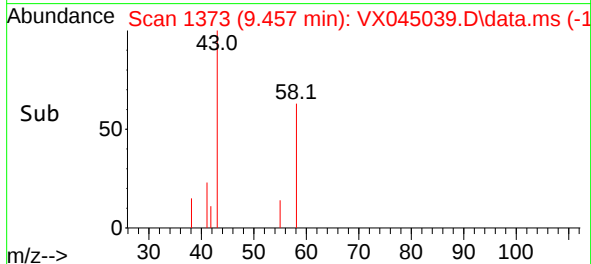
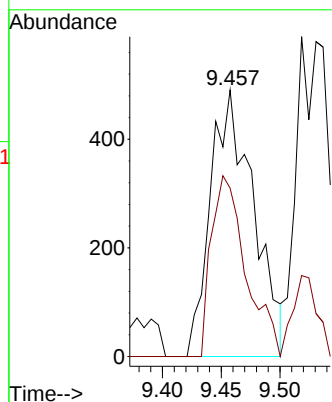
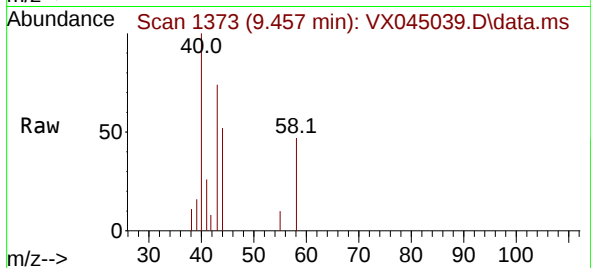
BP-VPB-192-GW-840-842

Tgt Ion: 43 Resp: 1249

Ion Ratio Lower Upper

43 100

58 54.5 27.5 82.4



#62

4-Bromofluorobenzene

Concen: 47.536 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045039.D

Acq: 25 Feb 2025 15:17

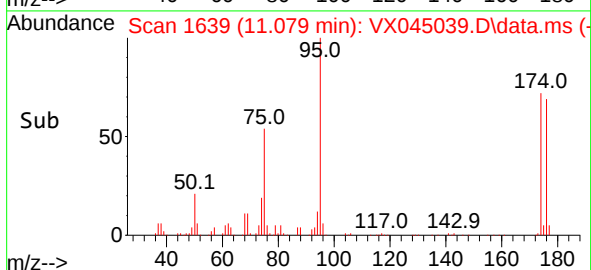
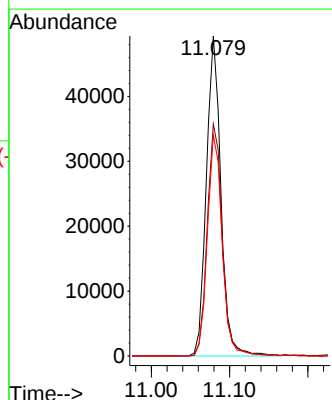
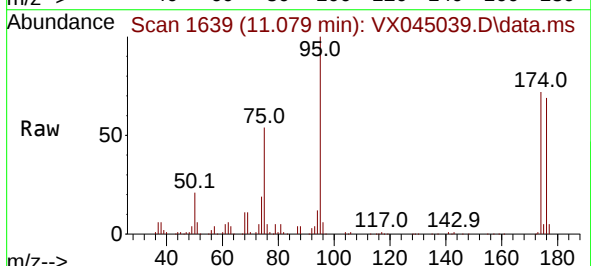
Tgt Ion: 95 Resp: 63599

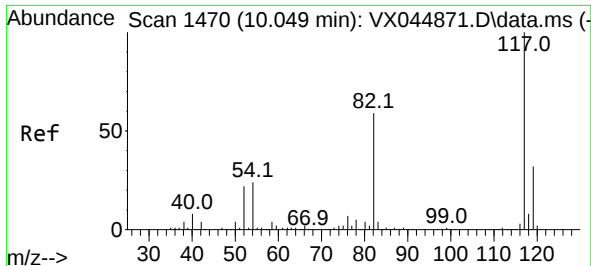
Ion Ratio Lower Upper

95 100

174 74.7 0.0 142.6

176 70.3 0.0 141.6

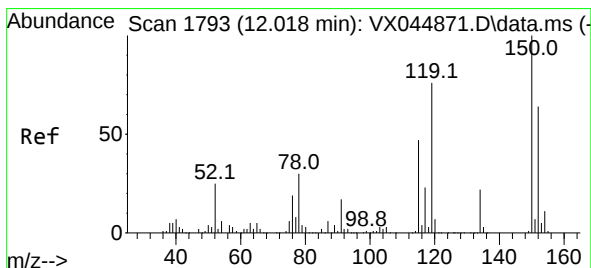
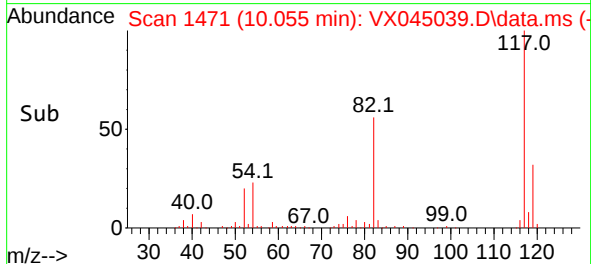
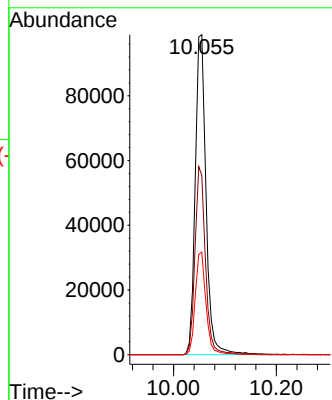
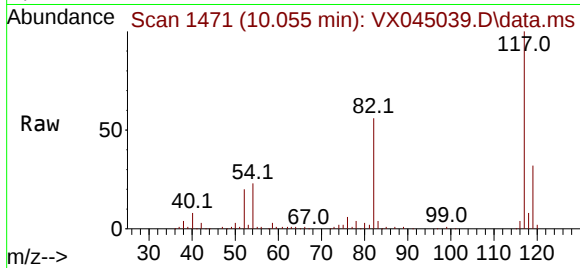




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

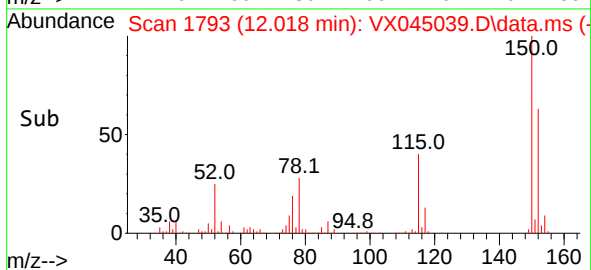
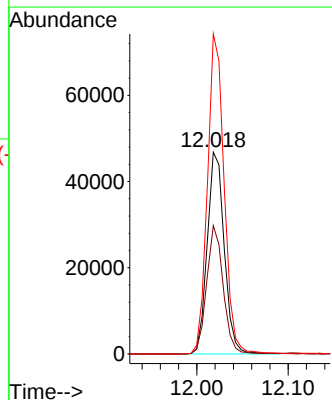
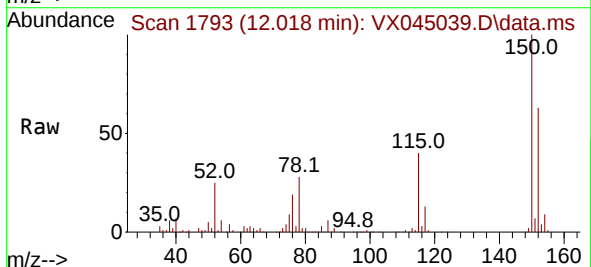
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

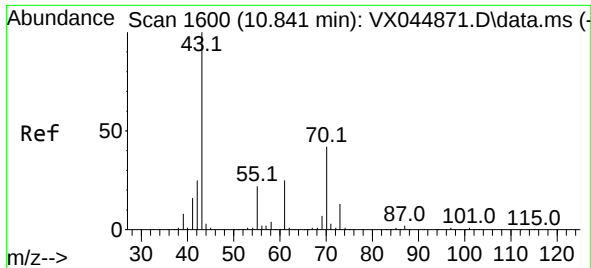
Tgt Ion:117 Resp: 145575
Ion Ratio Lower Upper
117 100
82 56.0 47.5 71.3
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

Tgt Ion:152 Resp: 60559
Ion Ratio Lower Upper
152 100
115 61.8 43.4 130.1
150 155.0 0.0 350.4

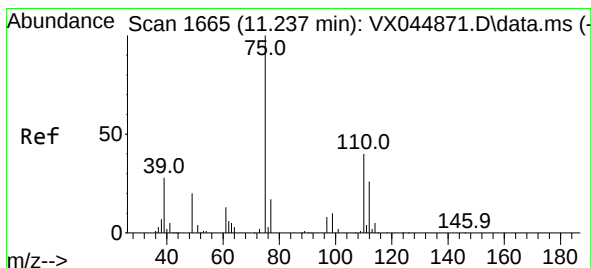
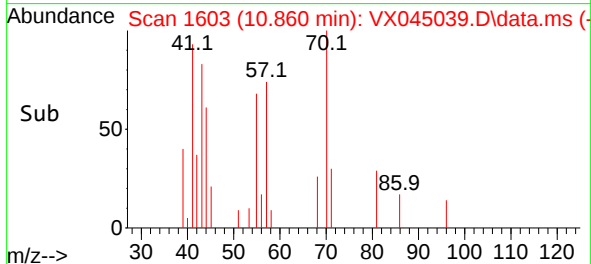
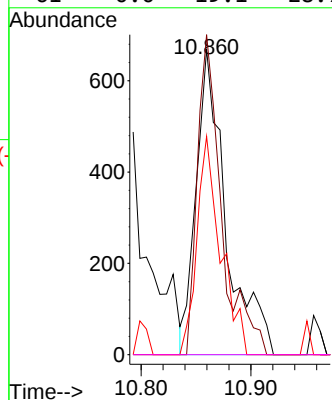
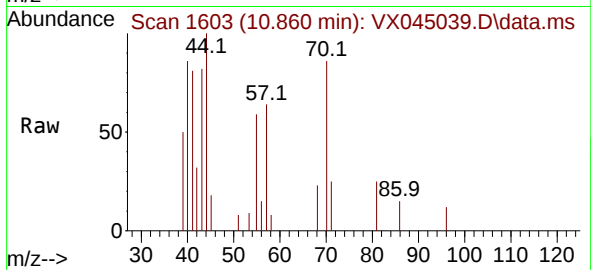




#74
N-amy1 acetate
Concen: 0.572 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

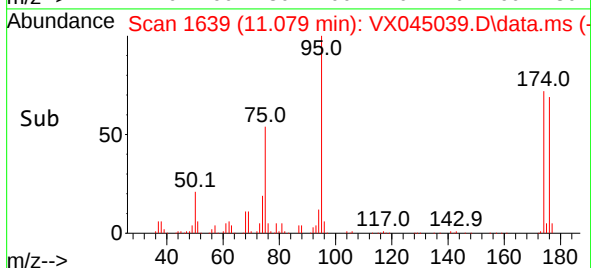
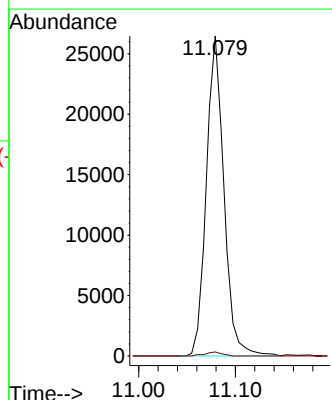
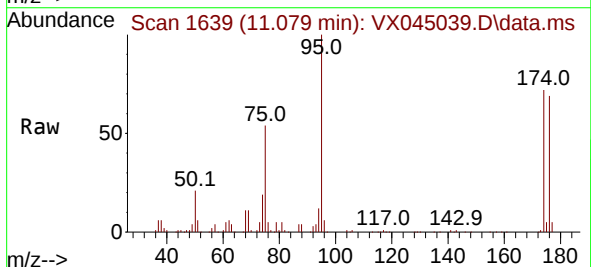
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-840-842

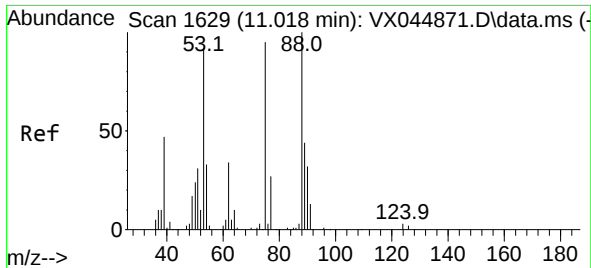
Tgt Ion: 43	Resp: 1262
Ion Ratio	Lower Upper
43	100
70	85.0 33.7 50.5#
55	57.2 18.6 27.8#
61	0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 24.971 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045039.D
Acq: 25 Feb 2025 15:17

Tgt Ion: 75	Resp: 33528
Ion Ratio	Lower Upper
75	100
77	1.2 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.235 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045039.D
 Acq: 25 Feb 2025 15:17

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

Tgt Ion: 75 Resp: 33528
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

