

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044914.D
 Acq On : 11 Feb 2025 18:19
 Operator : JC/MD
 Sample : Q1327-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-560-562

Quant Time: Feb 12 02:46:17 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)

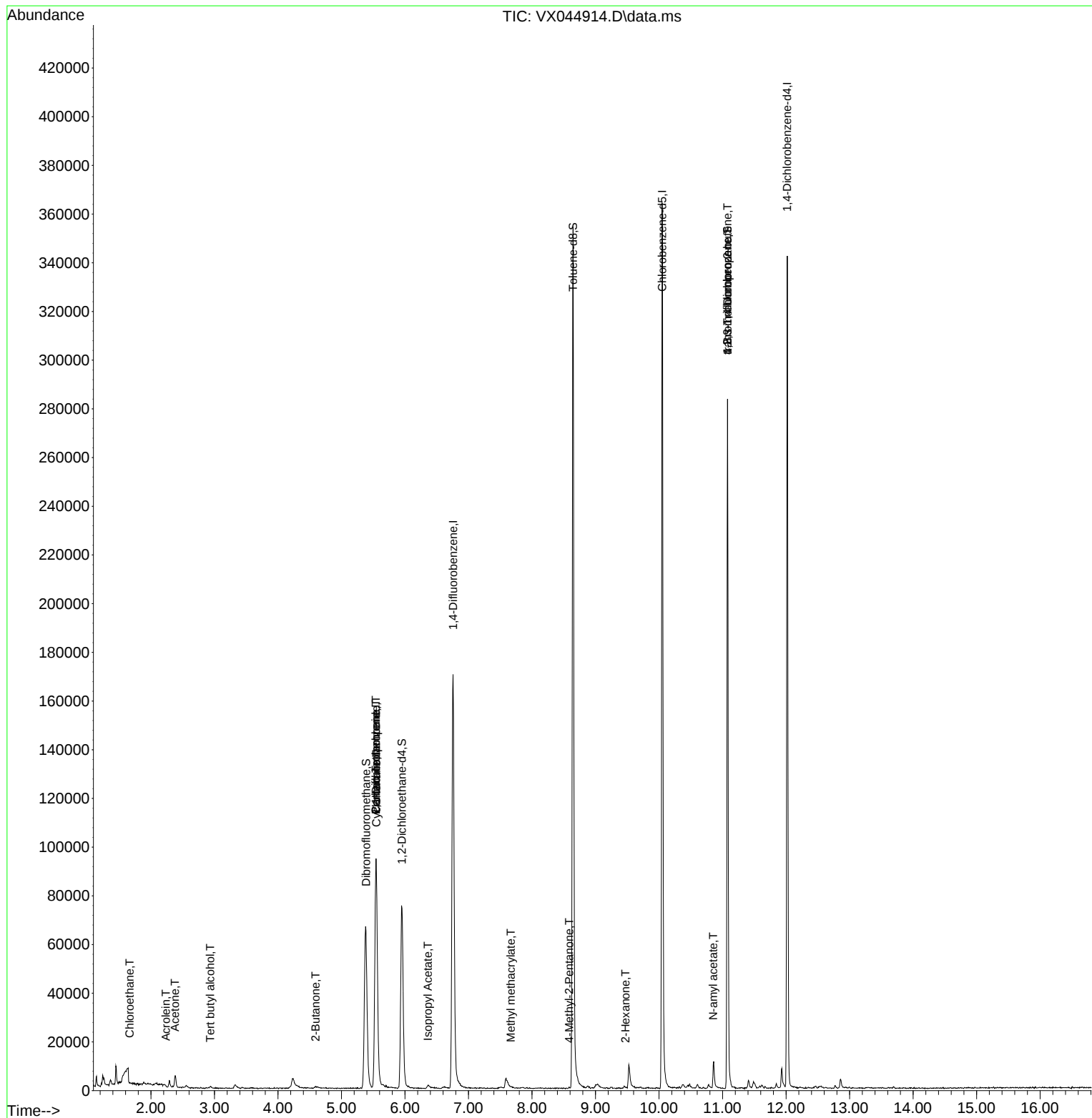
Internal Standards						
1) Pentafluorobenzene	5.544	168	90647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181380	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71131	53.607	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.220%	
35) Dibromofluoromethane	5.385	113	59962	50.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.700%	
50) Toluene-d8	8.647	98	221306	49.628	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	11.079	95	75714	50.364	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.720%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	181	1.590	ug/l #	42
11) Tert butyl alcohol	2.934	59	121	0.492	ug/l #	73
13) Acrolein	2.233	56	168	0.661	ug/l #	48
16) Acetone	2.380	43	5460	10.236	ug/l	98
25) 2-Butanone	4.593	43	811	0.936	ug/l #	79
31) Cyclohexane	5.550	56	2058	0.999	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8059	4.737	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9416	5.648	ug/l #	15
43) Isopropyl Acetate	6.361	43	696	0.228	ug/l #	61
48) Methyl methacrylate	7.665	41	291	0.202	ug/l #	26
51) 4-Methyl-2-Pentanone	8.586	43	374	0.201	ug/l #	70
59) 2-Hexanone	9.470	43	924	0.690	ug/l	91
74) N-amyl acetate	10.854	43	2364	0.990	ug/l #	24
76) 1,2,3-Trichloropropane	11.079	75	39601	27.264	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	39601	70.134	ug/l #	11

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

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BP-VPB-192-GW-560-562

Quant Time: Feb 12 02:46:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
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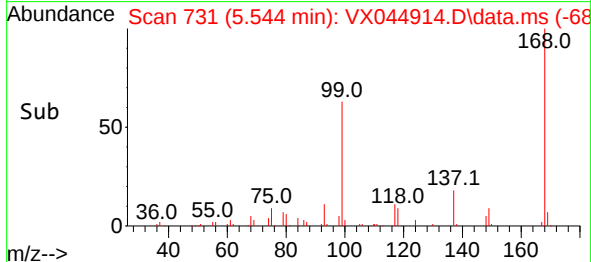
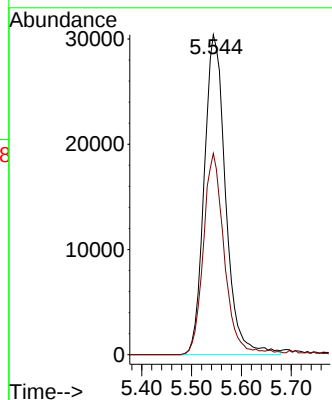
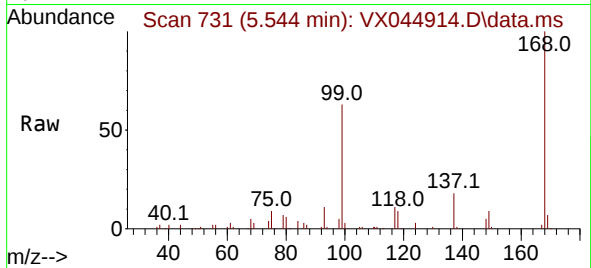




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

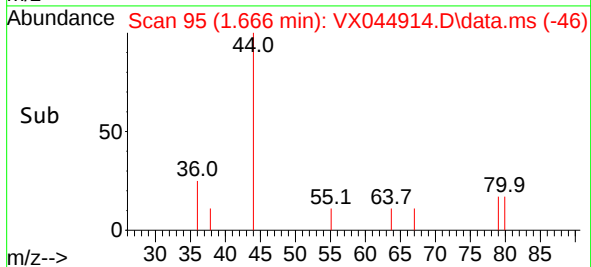
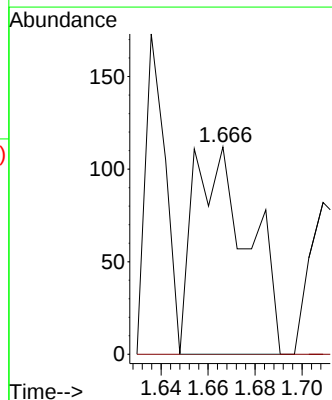
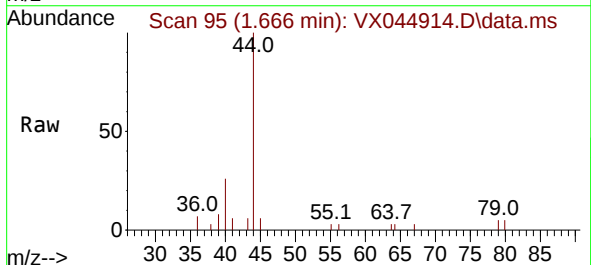
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-560-562

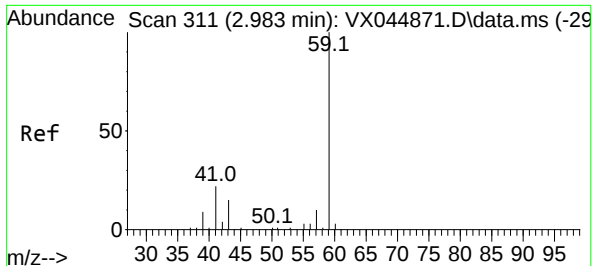
Tgt Ion:168 Resp: 90647
Ion Ratio Lower Upper
168 100
99 62.9 51.2 76.8



#6
Chloroethane
Concen: 1.590 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

Tgt Ion: 64 Resp: 181
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.492 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX044914.D

Acq: 11 Feb 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

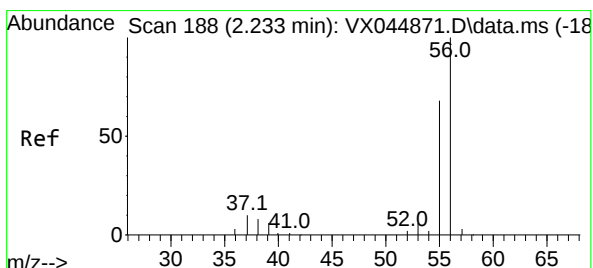
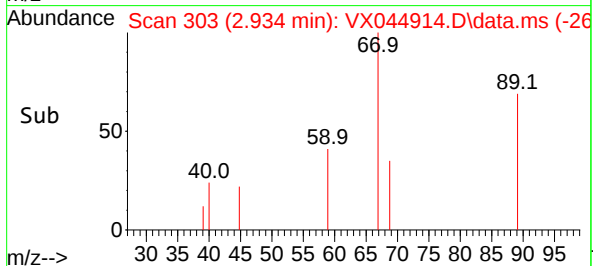
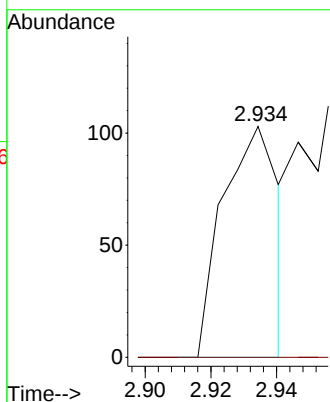
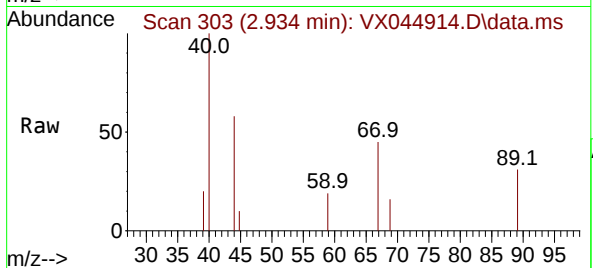
BP-VPB-192-GW-560-562

Tgt Ion: 59 Resp: 121

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.661 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044914.D

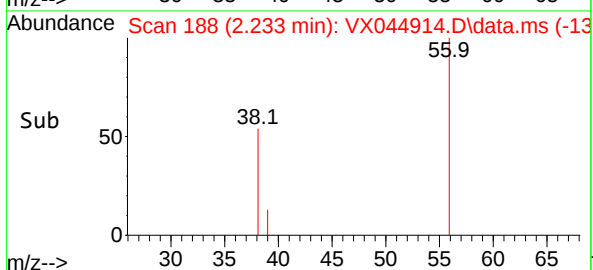
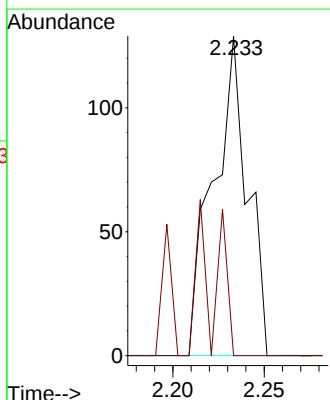
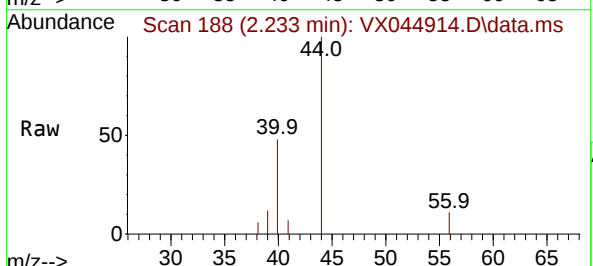
Acq: 11 Feb 2025 18:19

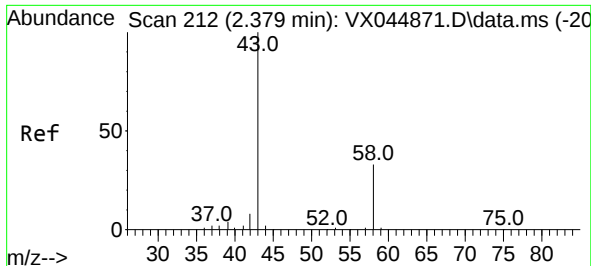
Tgt Ion: 56 Resp: 168

Ion Ratio Lower Upper

56 100

55 26.8 55.7 83.5#

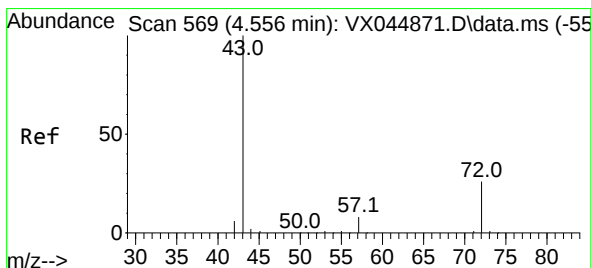
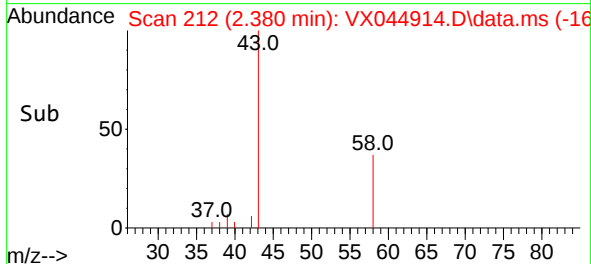
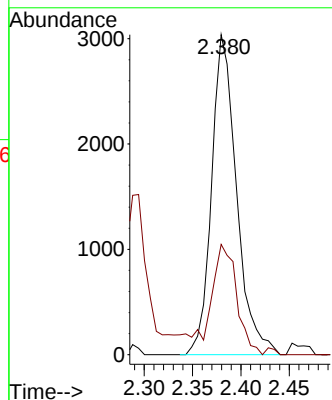
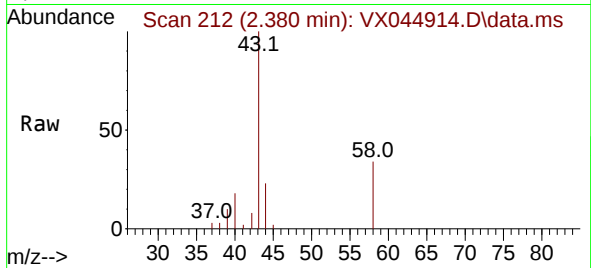




#16
Acetone
Concen: 10.236 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

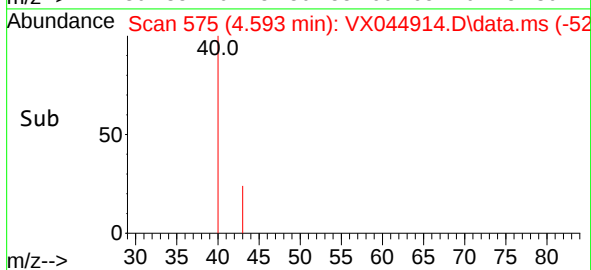
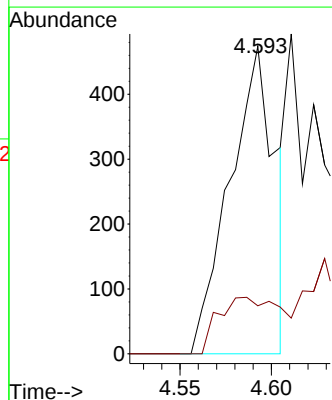
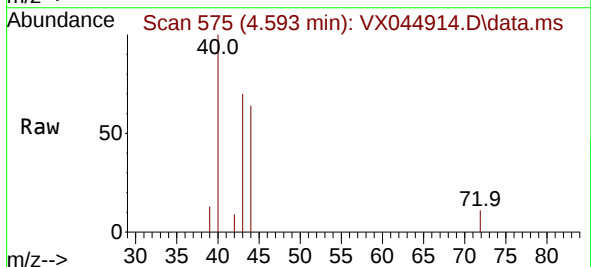
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-560-562

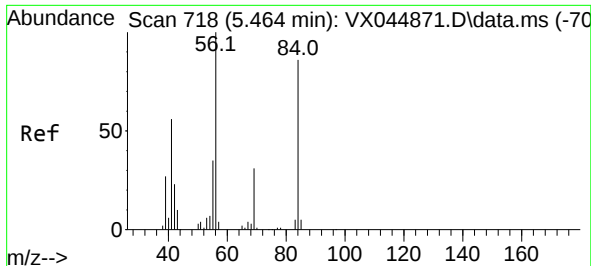
Tgt Ion: 43 Resp: 5460
Ion Ratio Lower Upper
43 100
58 34.5 26.5 39.7



#25
2-Butanone
Concen: 0.936 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

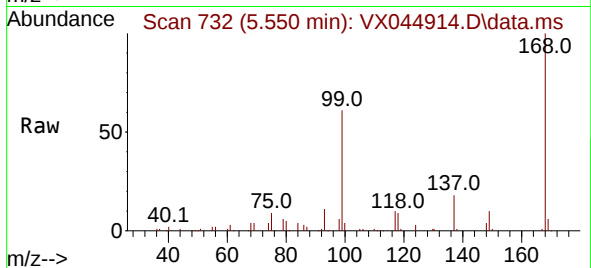
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
72 15.6 21.2 31.8#



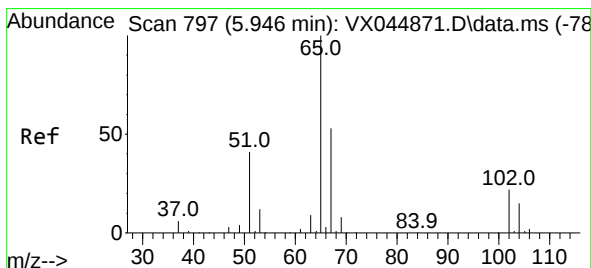
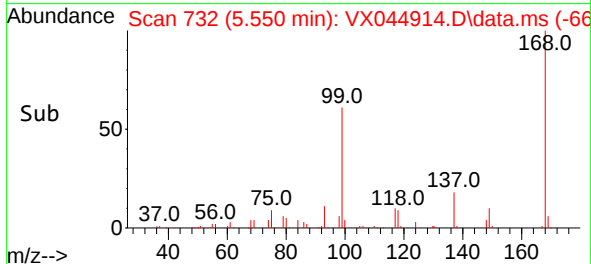
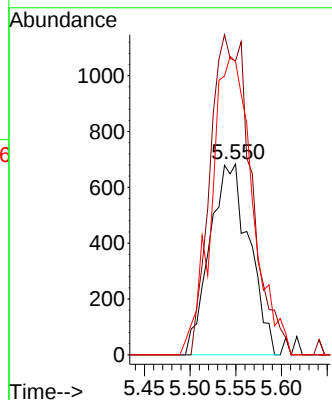


#31
Cyclohexane
Concen: 0.999 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-560-562

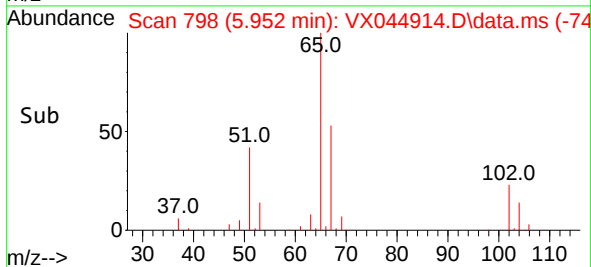
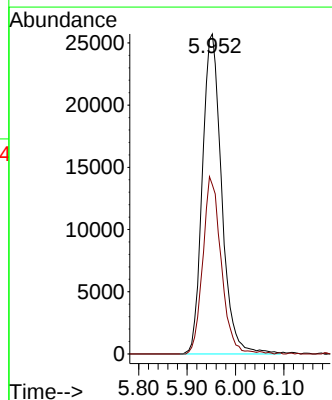
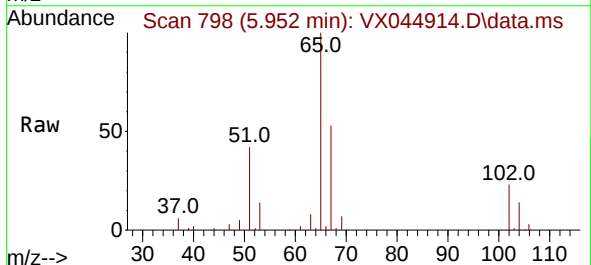


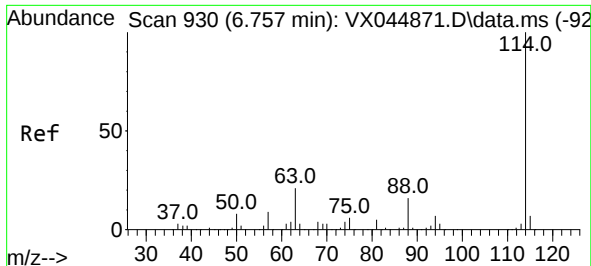
Tgt Ion: 56 Resp: 2058
Ion Ratio Lower Upper
56 100
69 153.9 24.4 36.6#
84 153.5 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 53.607 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

Tgt Ion: 65 Resp: 71131
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.2

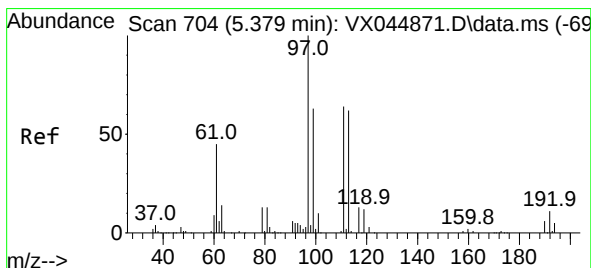
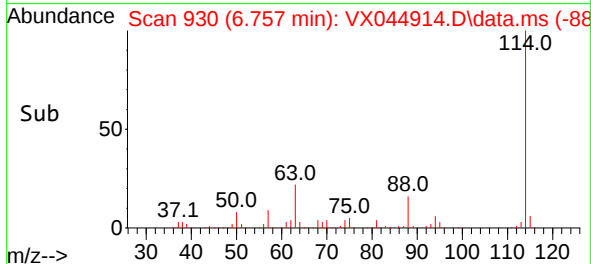
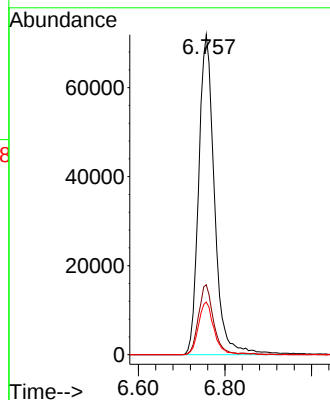
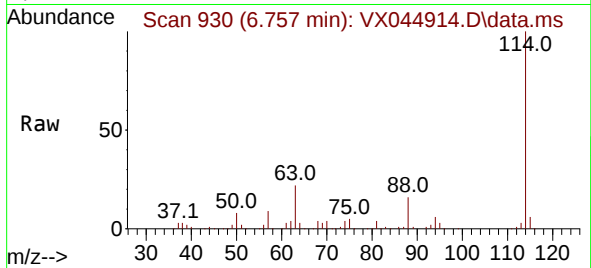




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

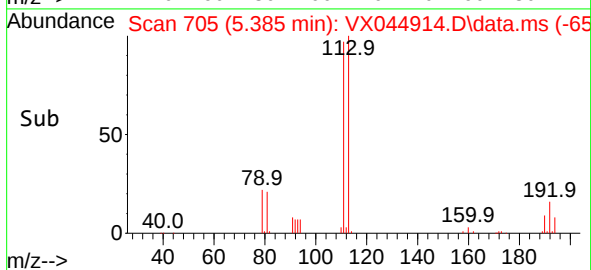
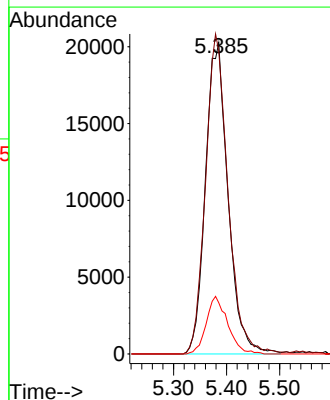
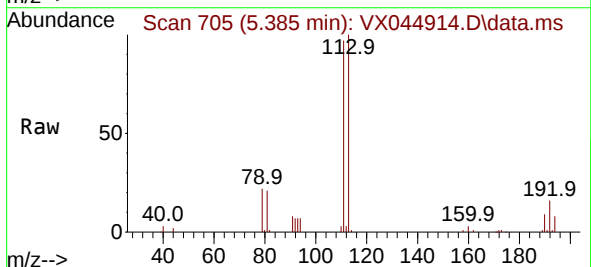
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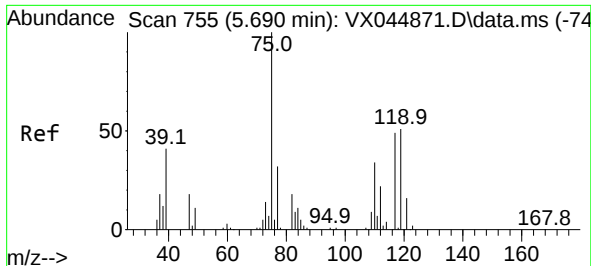
Tgt Ion:114 Resp: 181380
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.847 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

Tgt Ion:113 Resp: 59962
Ion Ratio Lower Upper
113 100
111 102.2 83.5 125.3
192 17.6 14.4 21.6

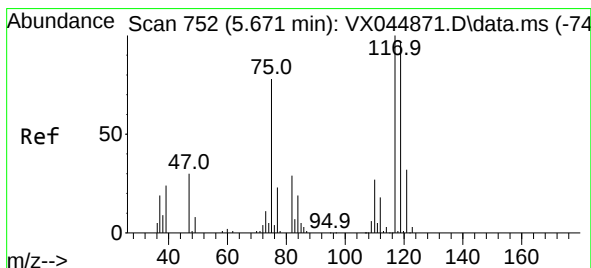
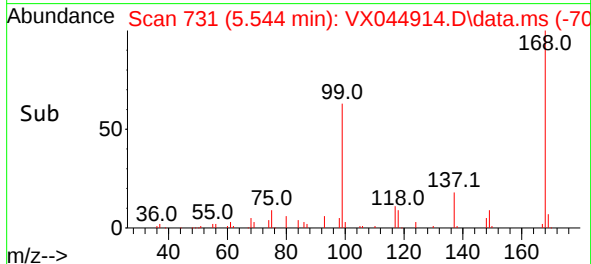
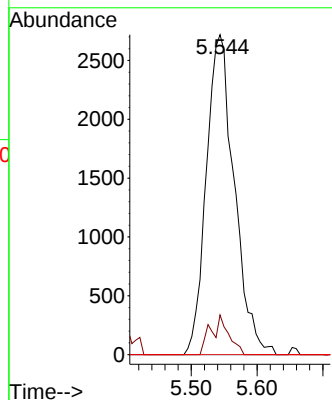
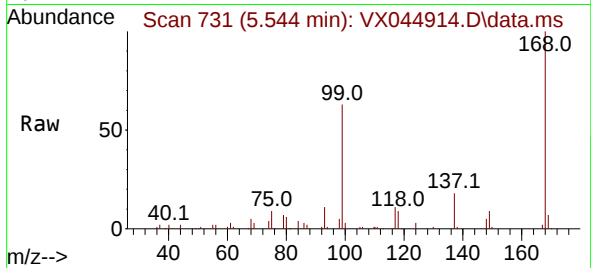




#36
1,1-Dichloropropene
Concen: 4.737 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

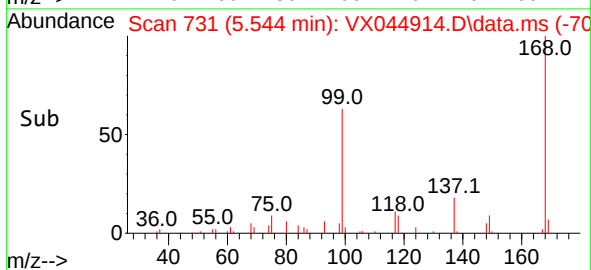
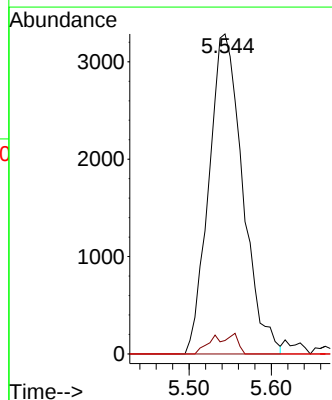
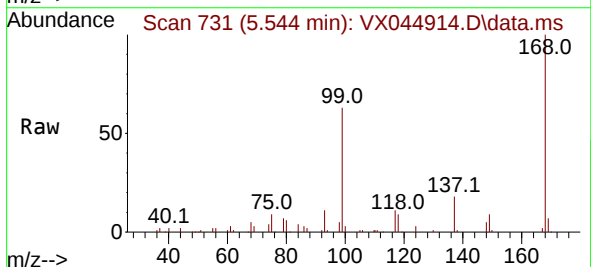
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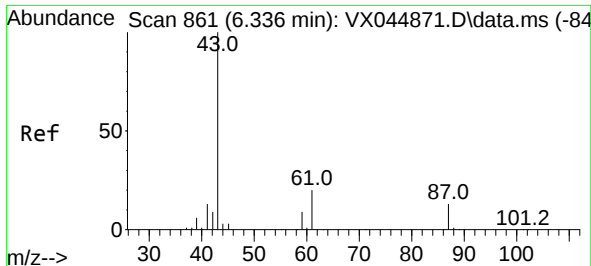
Tgt Ion: 75 Resp: 8059
Ion Ratio Lower Upper
75 100
110 7.9 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.648 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

Tgt Ion: 117 Resp: 9416
Ion Ratio Lower Upper
117 100
119 4.2 77.5 116.3#
121 0.0 25.6 38.4#

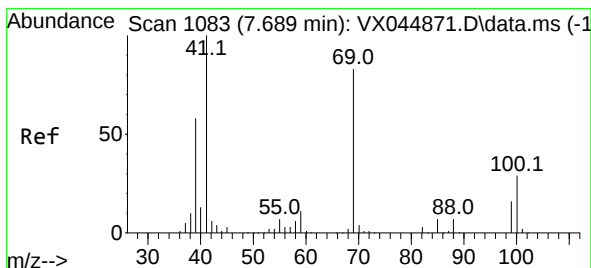
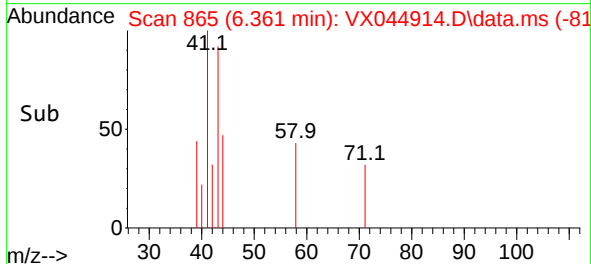
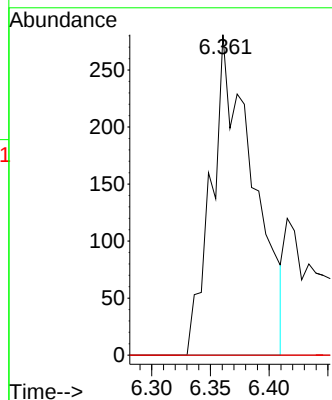
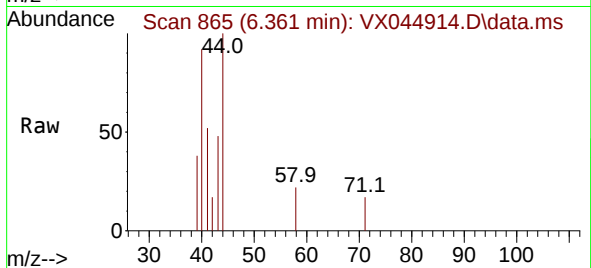




#43
Isopropyl Acetate
Concen: 0.228 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.025 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

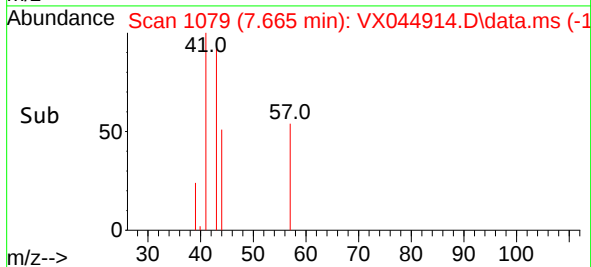
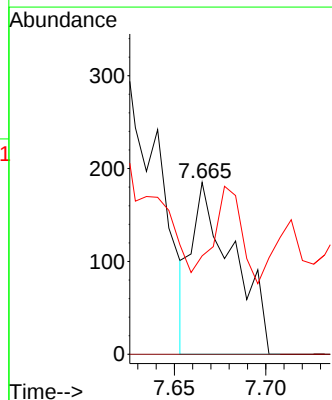
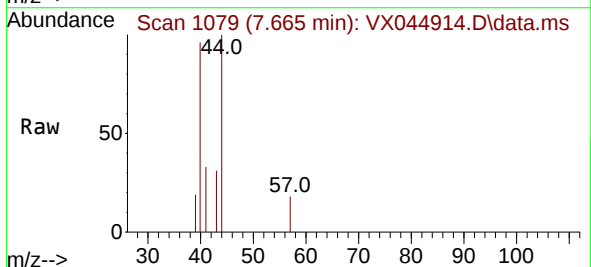
Instrument :
MSVOA_X
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BP-VPB-192-GW-560-562

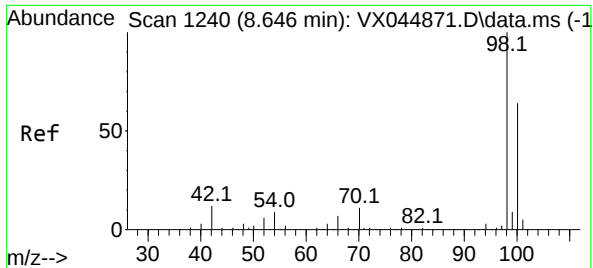
Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.8#
87 0.0 10.0 15.0#



#48
Methyl methacrylate
Concen: 0.202 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.024 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

Tgt Ion: 41 Resp: 291
Ion Ratio Lower Upper
41 100
69 0.0 65.8 98.8#
39 94.5 46.4 69.6#

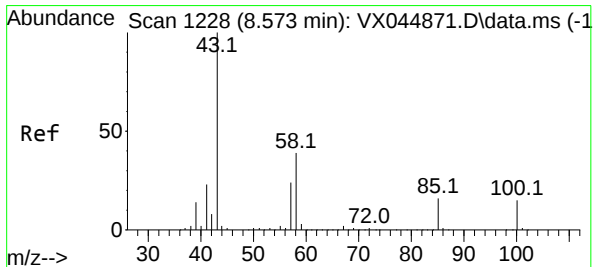
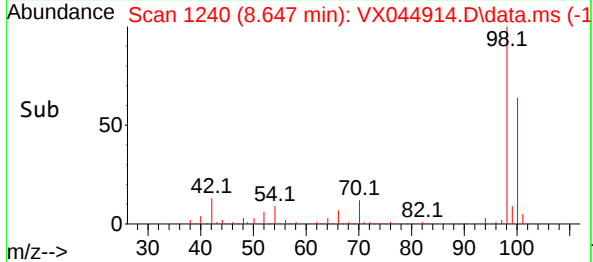
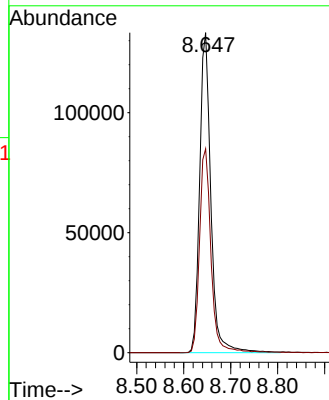
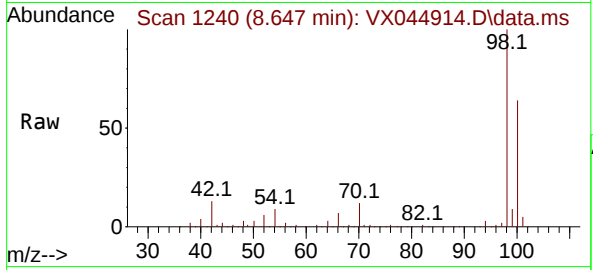




#50
Toluene-d8
Concen: 49.628 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

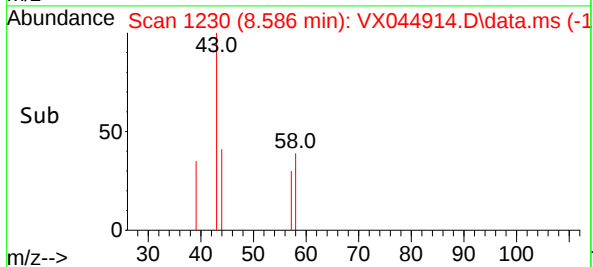
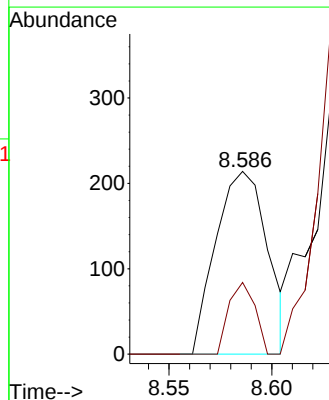
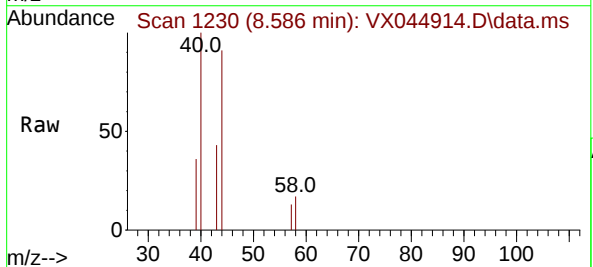
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-560-562

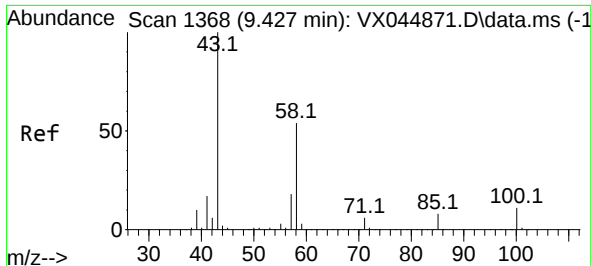
Tgt Ion: 98 Resp: 221306
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.201 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

Tgt Ion: 43 Resp: 374
Ion Ratio Lower Upper
43 100
58 20.1 30.8 46.2#





#59

2-Hexanone

Concen: 0.690 ug/l

RT: 9.470 min Scan# 11

Delta R.T. 0.043 min

Lab File: VX044914.D

Acq: 11 Feb 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

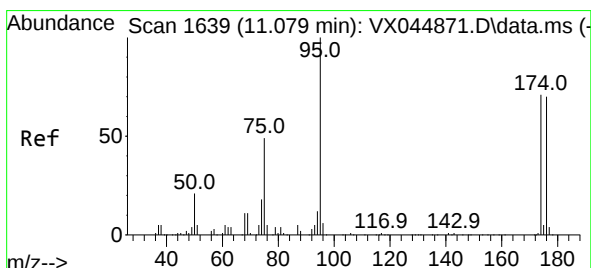
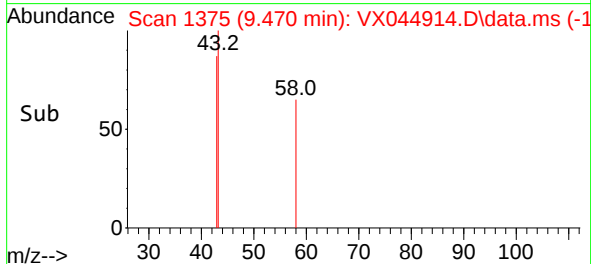
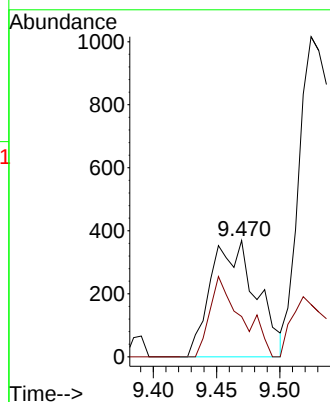
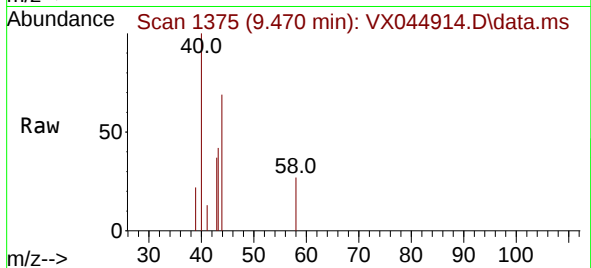
BP-VPB-192-GW-560-562

Tgt Ion: 43 Resp: 924

Ion Ratio Lower Upper

43 100

58 48.1 27.5 82.4



#62

4-Bromofluorobenzene

Concen: 50.364 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044914.D

Acq: 11 Feb 2025 18:19

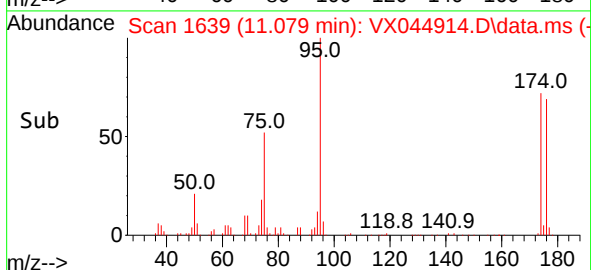
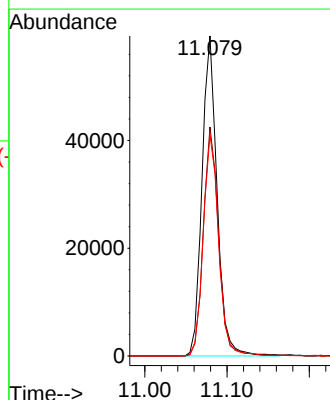
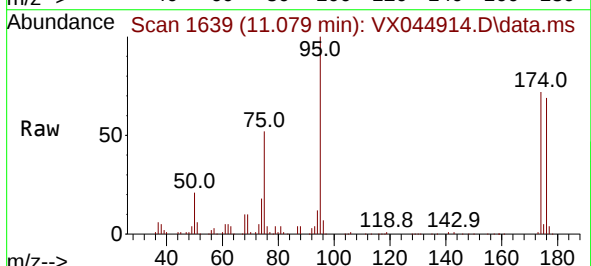
Tgt Ion: 95 Resp: 75714

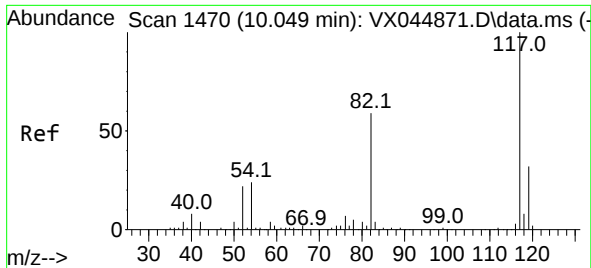
Ion Ratio Lower Upper

95 100

174 72.7 0.0 142.6

176 70.4 0.0 141.6

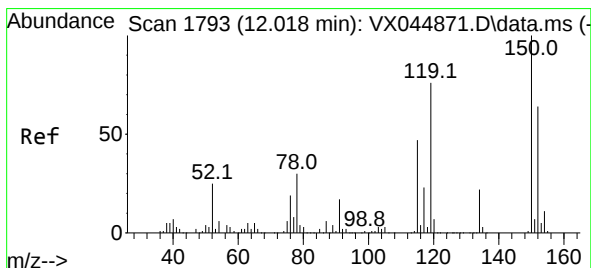
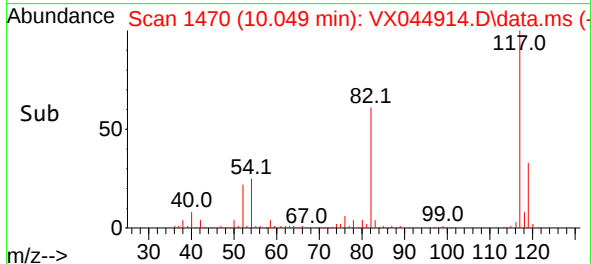
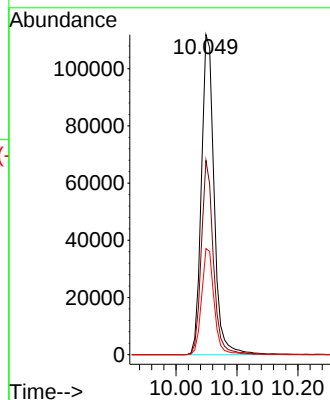
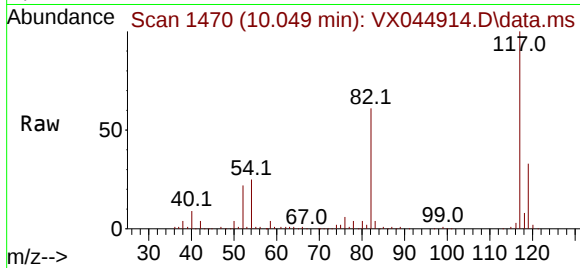




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

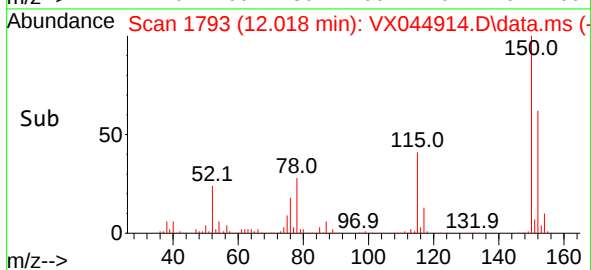
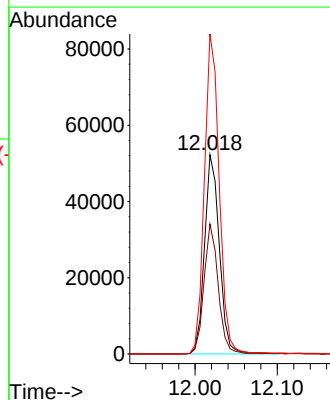
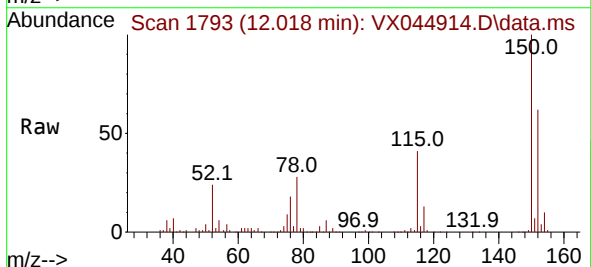
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-560-562

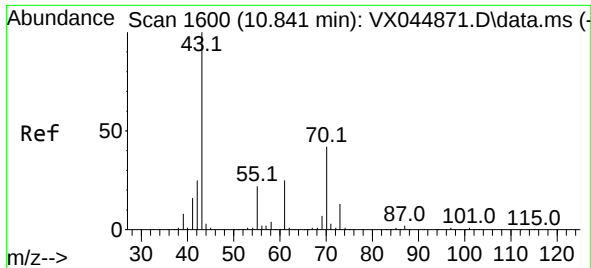
Tgt Ion:117 Resp: 162703
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

Tgt Ion:152 Resp: 65512
Ion Ratio Lower Upper
152 100
115 62.9 43.4 130.1
150 160.9 0.0 350.4

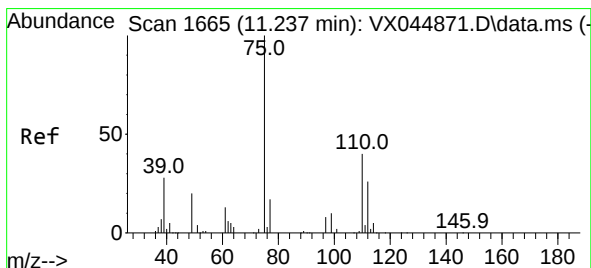
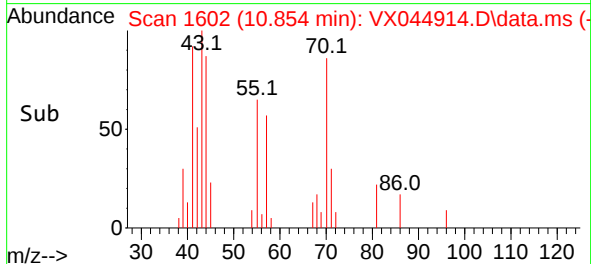
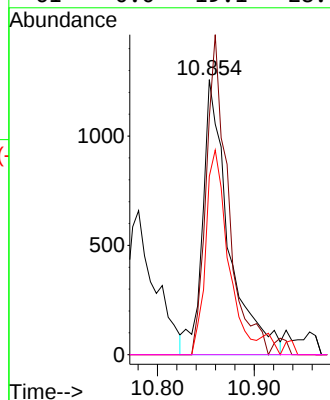
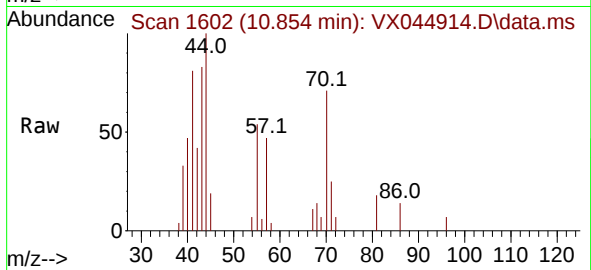




#74
N-amy1 acetate
Concen: 0.990 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

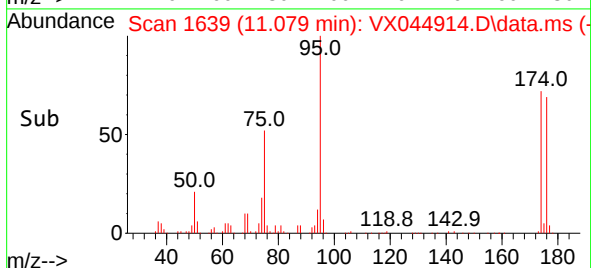
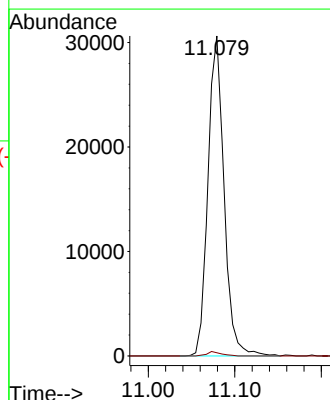
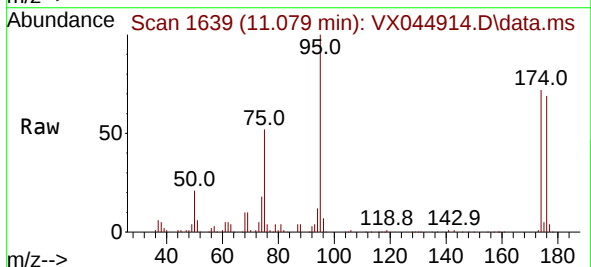
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-560-562

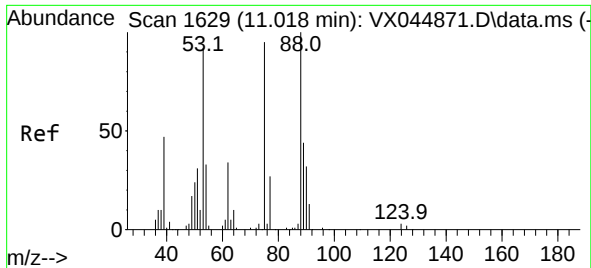
Tgt Ion: 43 Resp: 2364
Ion Ratio Lower Upper
43 100
70 97.7 33.7 50.5#
55 63.9 18.6 27.8#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 27.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044914.D
Acq: 11 Feb 2025 18:19

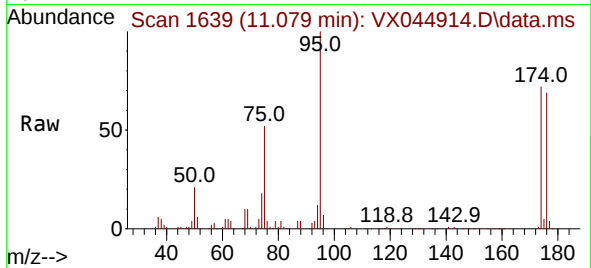
Tgt Ion: 75 Resp: 39601
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.134 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044914.D
 Acq: 11 Feb 2025 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-560-562



Tgt Ion: 75 Resp: 39601
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

