

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044888.D
 Acq On : 10 Feb 2025 18:23
 Operator : JC/MD
 Sample : Q1250-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-360-362

Quant Time: Feb 11 06:09:25 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)

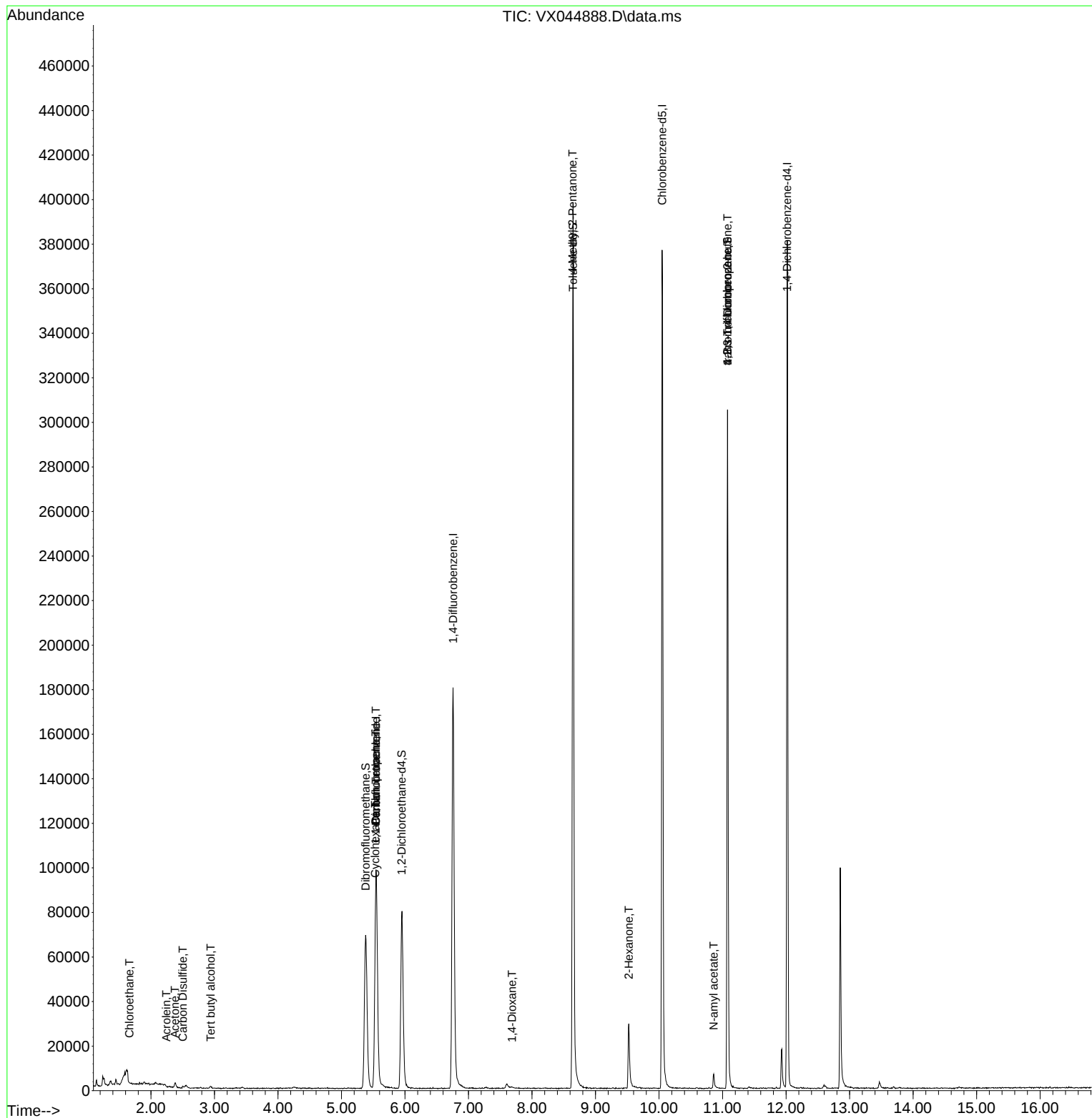
Internal Standards						
1) Pentafluorobenzene	5.543	168	93911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	173877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72312	52.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.200%			
35) Dibromofluoromethane	5.379	113	62542	51.181	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.360%			
50) Toluene-d8	8.646	98	235663	51.001	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	82802	53.154	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.300%			
Target Compounds						Qvalue
6) Chloroethane	1.660	64	278	1.711	ug/l #	42
11) Tert butyl alcohol	2.940	59	343	1.345	ug/l #	73
13) Acrolein	2.239	56	187	0.711	ug/l #	33
16) Acetone	2.379	43	2643	4.783	ug/l	97
17) Carbon Disulfide	2.501	76	953	0.287	ug/l #	88
31) Cyclohexane	5.531	56	2227	1.043	ug/l #	15
36) 1,1-Dichloropropene	5.537	75	8261	4.686	ug/l #	49
38) Carbon Tetrachloride	5.543	117	9989	5.782	ug/l #	14
49) 1,4-Dioxane	7.683	88	243	7.586	ug/l #	31
51) 4-Methyl-2-Pentanone	8.640	43	1231	0.639	ug/l #	1
59) 2-Hexanone	9.524	43	5555	4.005	ug/l #	44
74) N-amyl acetate	10.860	43	1249	0.468	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	42248	26.022	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42248	66.938	ug/l #	11

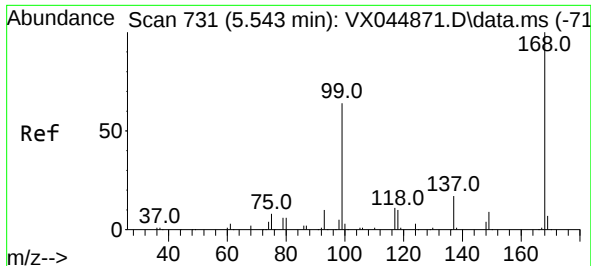
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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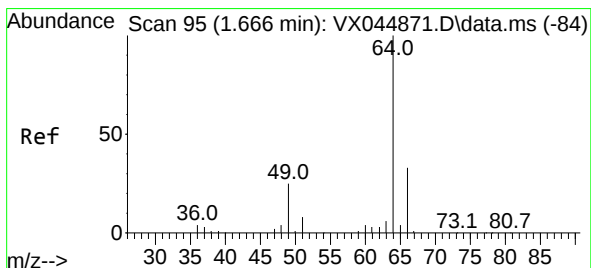
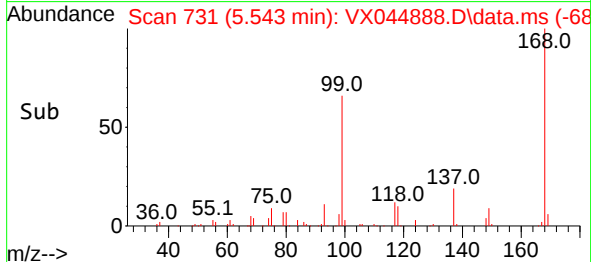
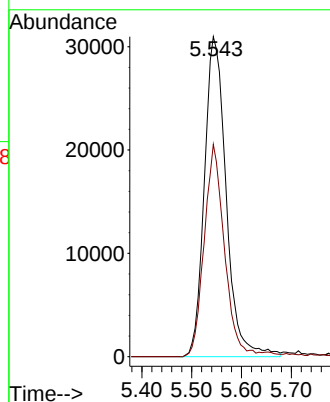
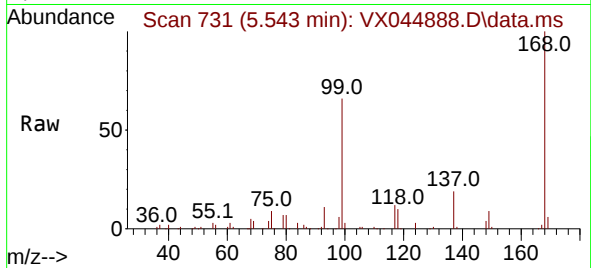




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

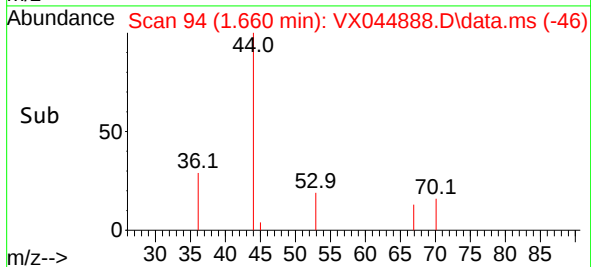
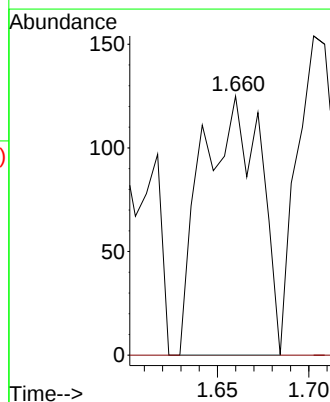
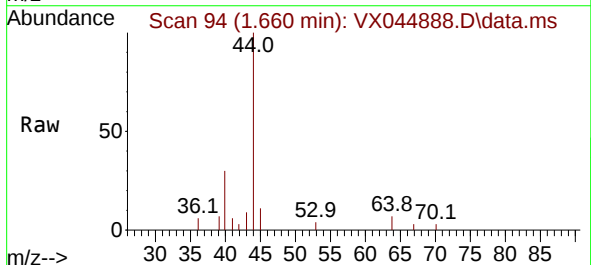
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362

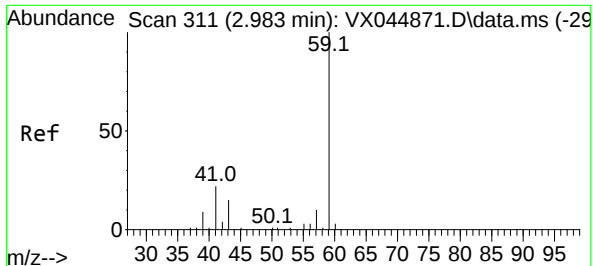
Tgt Ion:168 Resp: 93911
Ion Ratio Lower Upper
168 100
99 66.3 51.2 76.8



#6
Chloroethane
Concen: 1.711 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

Tgt Ion: 64 Resp: 278
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.345 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX044888.D

Acq: 10 Feb 2025 18:23

Instrument :

MSVOA_X

ClientSampleId :

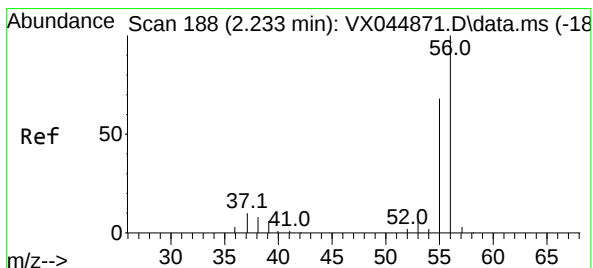
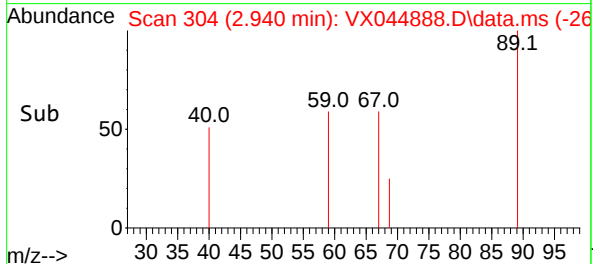
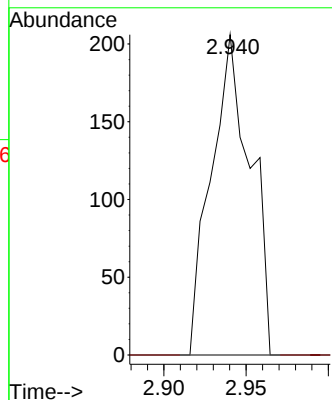
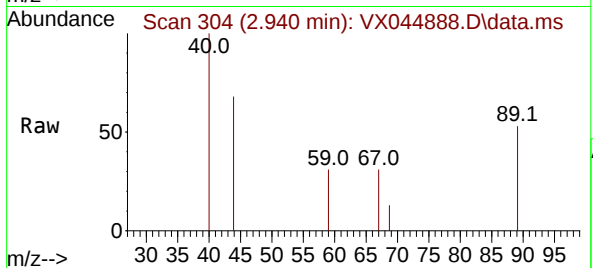
BP-VPB-192-GW-360-362

Tgt Ion: 59 Resp: 343

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.711 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX044888.D

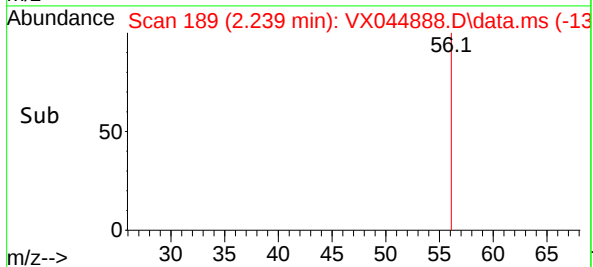
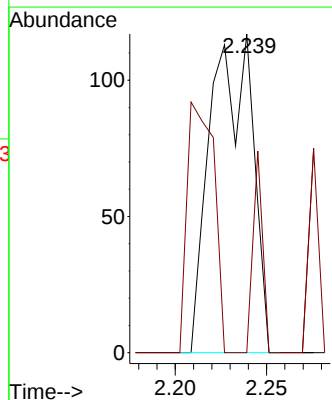
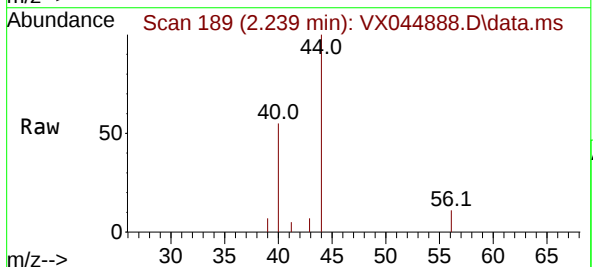
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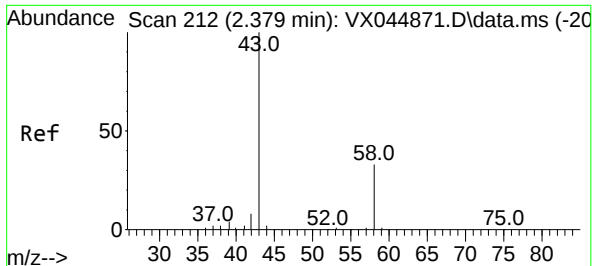
Tgt Ion: 56 Resp: 187

Ion Ratio Lower Upper

56 100

55 14.4 55.7 83.5#

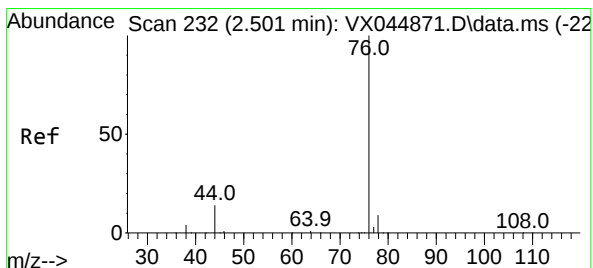
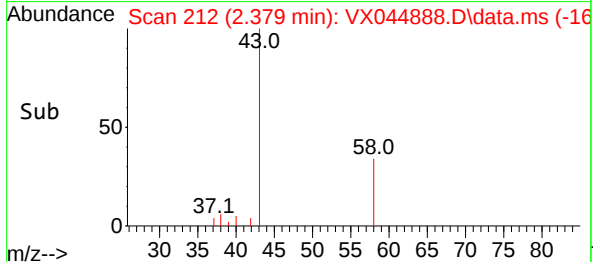
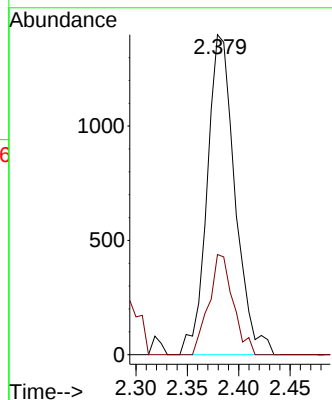
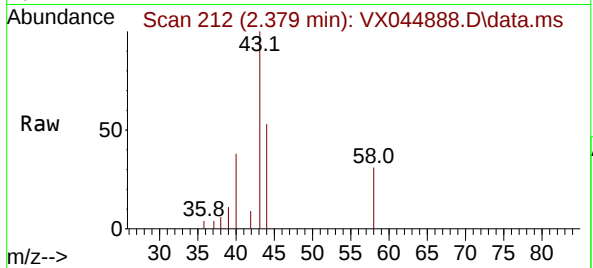




#16
Acetone
Concen: 4.783 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

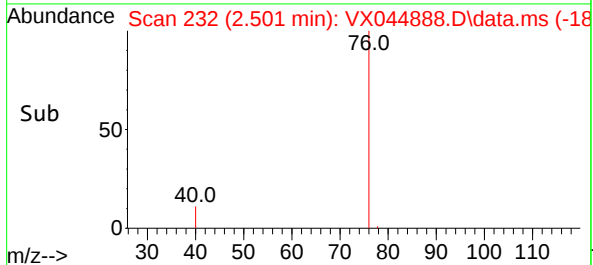
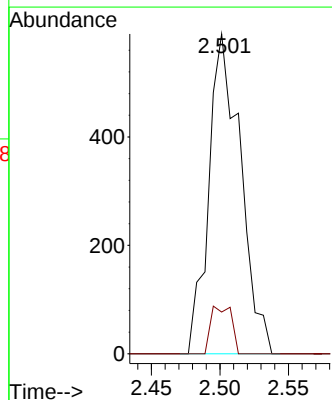
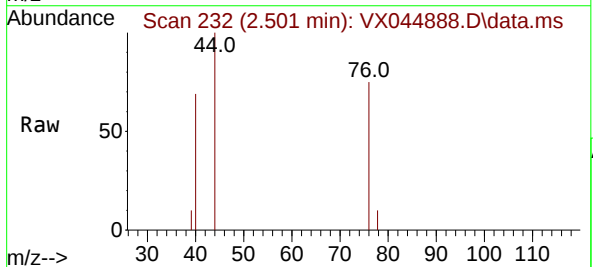
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362

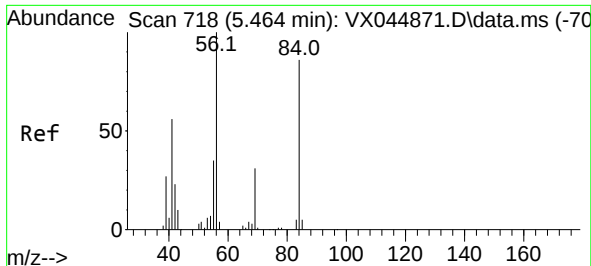
Tgt Ion: 43 Resp: 2643
Ion Ratio Lower Upper
43 100
58 31.3 26.5 39.7



#17
Carbon Disulfide
Concen: 0.287 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

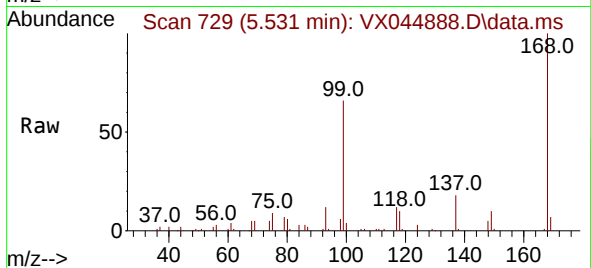
Tgt Ion: 76 Resp: 953
Ion Ratio Lower Upper
76 100
78 13.1 7.0 10.4#



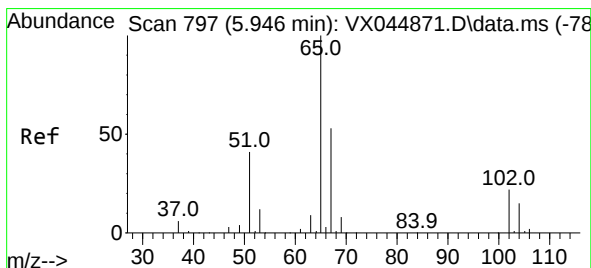
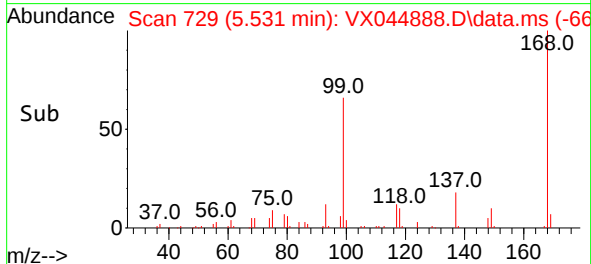
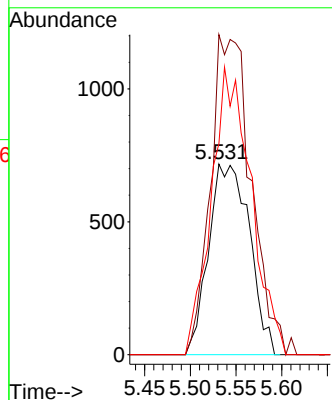


#31
Cyclohexane
Concen: 1.043 ug/l
RT: 5.531 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362

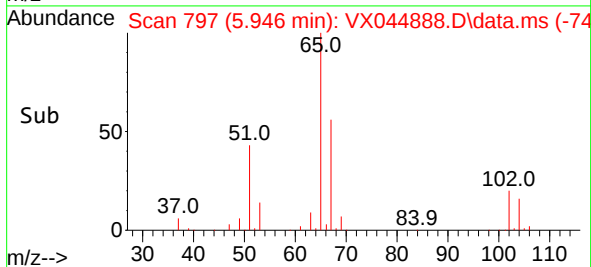
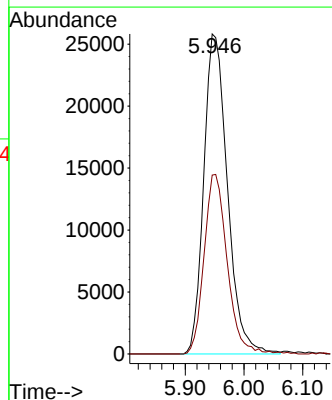
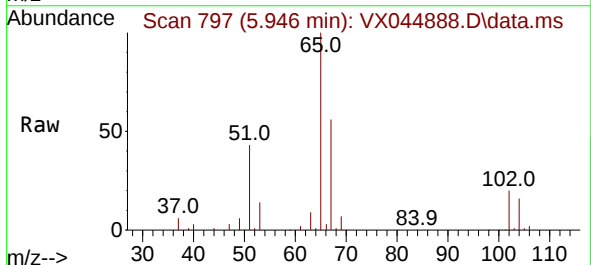


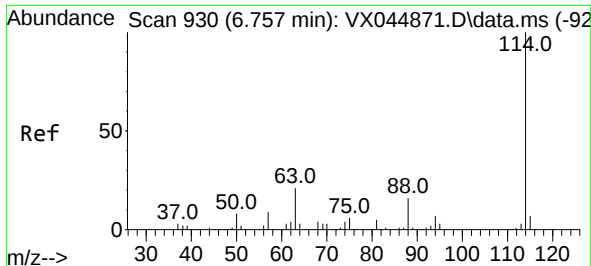
Tgt Ion: 56 Resp: 2227
Ion Ratio Lower Upper
56 100
69 167.9 24.4 36.6#
84 110.7 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 52.602 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

Tgt Ion: 65 Resp: 72312
Ion Ratio Lower Upper
65 100
67 54.9 0.0 108.2

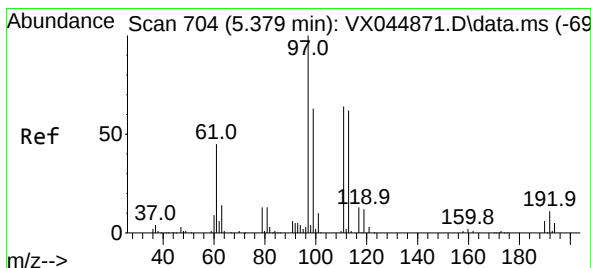
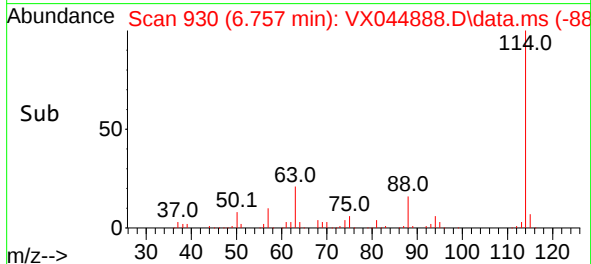
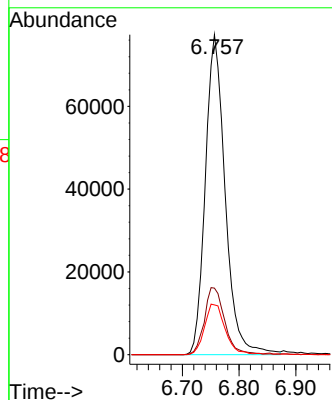
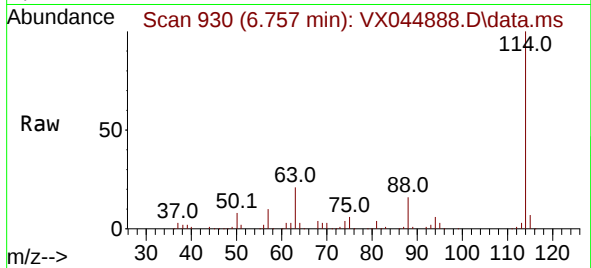




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

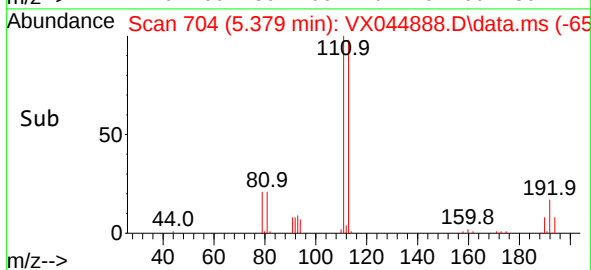
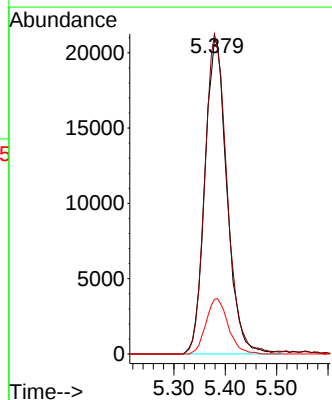
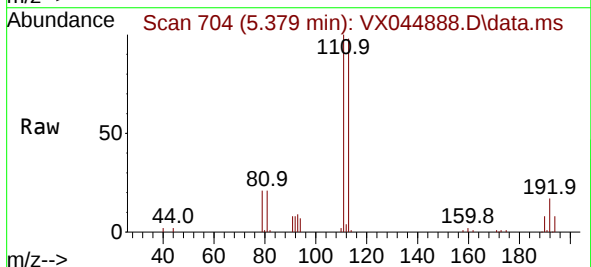
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MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362

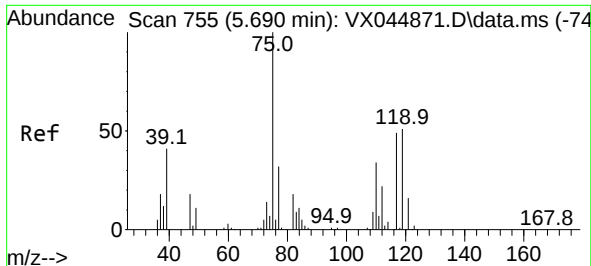
Tgt Ion:114 Resp: 187948
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.181 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

Tgt Ion:113 Resp: 62542
Ion Ratio Lower Upper
113 100
111 101.9 83.5 125.3
192 17.6 14.4 21.6

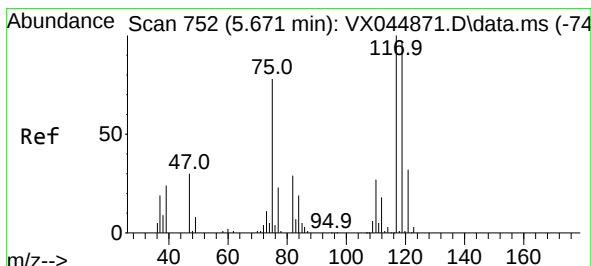
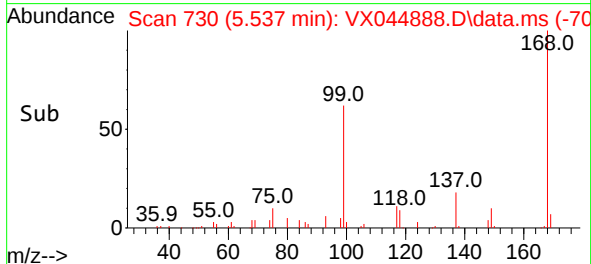
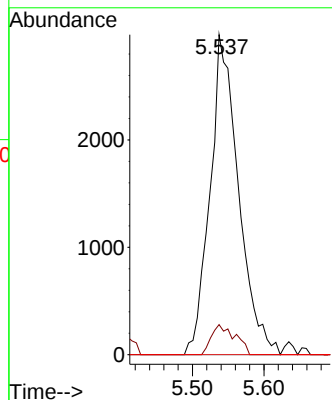
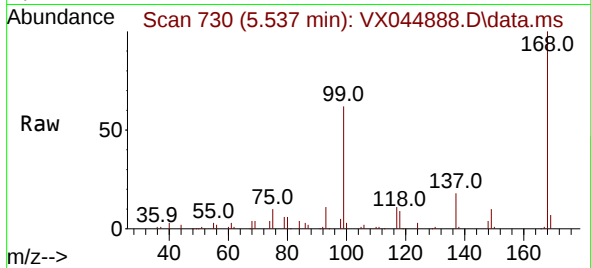




#36
 1,1-Dichloropropene
 Concen: 4.686 ug/l
 RT: 5.537 min Scan# 711
 Delta R.T. -0.152 min
 Lab File: VX044888.D
 Acq: 10 Feb 2025 18:23

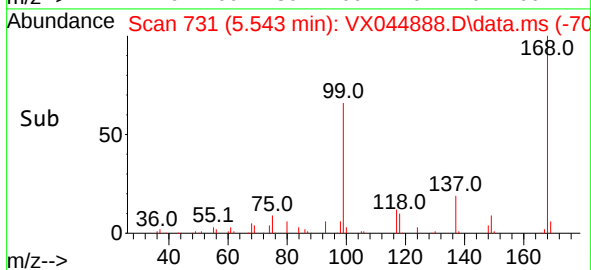
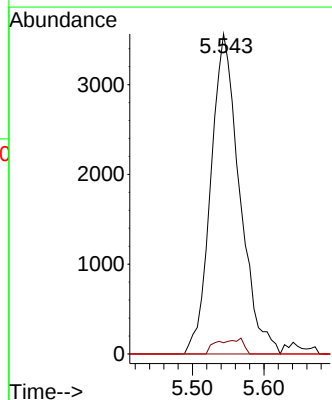
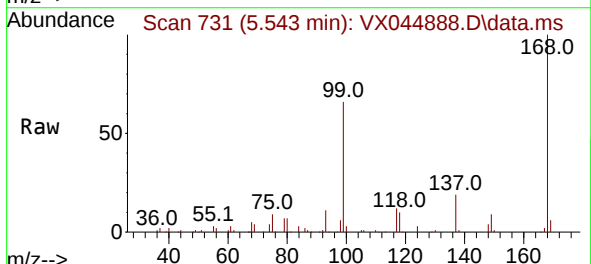
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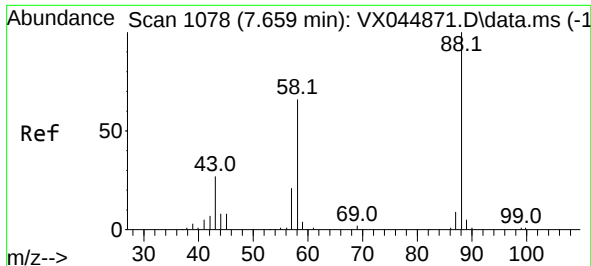
Tgt Ion: 75 Resp: 8261
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.2 51.6#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.782 ug/l
 RT: 5.543 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX044888.D
 Acq: 10 Feb 2025 18:23

Tgt Ion: 117 Resp: 9989
 Ion Ratio Lower Upper
 117 100
 119 3.5 77.5 116.3#
 121 0.0 25.6 38.4#





#49

1,4-Dioxane

Concen: 7.586 ug/l

RT: 7.683 min Scan# 1078

Delta R.T. 0.024 min

Lab File: VX044888.D

Acq: 10 Feb 2025 18:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-360-362

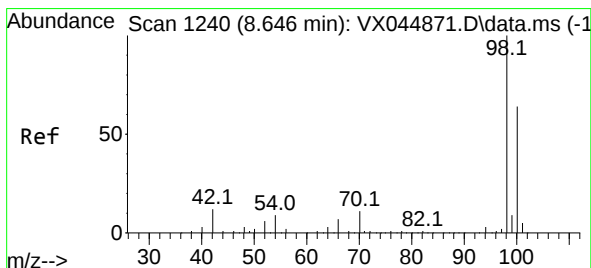
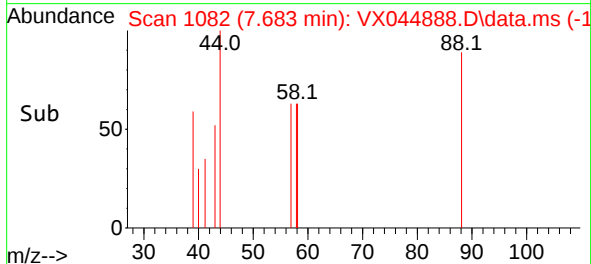
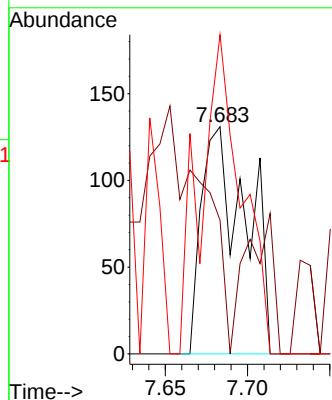
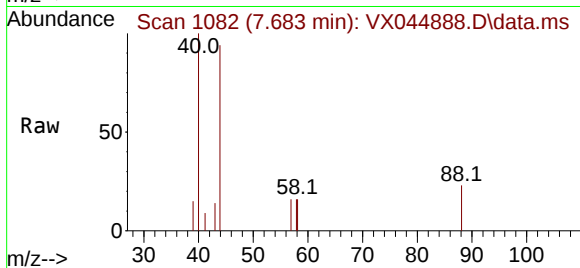
Tgt Ion: 88 Resp: 243

Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 130.0 55.9 83.9#



#50

Toluene-d8

Concen: 51.001 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044888.D

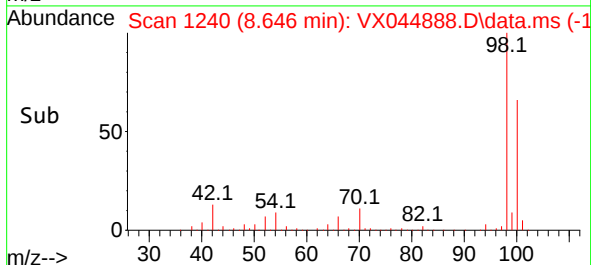
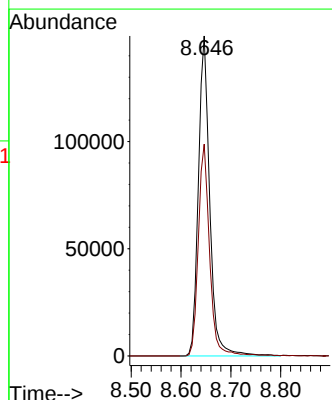
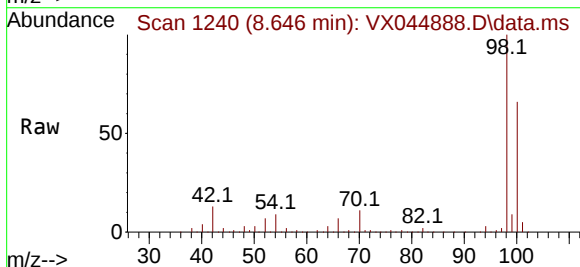
Acq: 10 Feb 2025 18:23

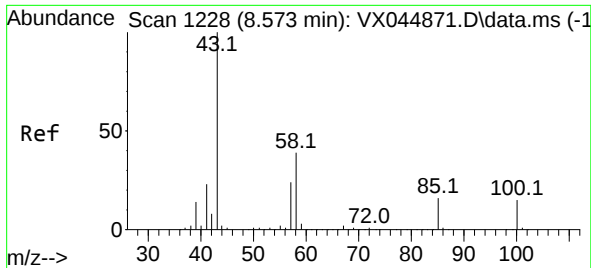
Tgt Ion: 98 Resp: 235663

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1

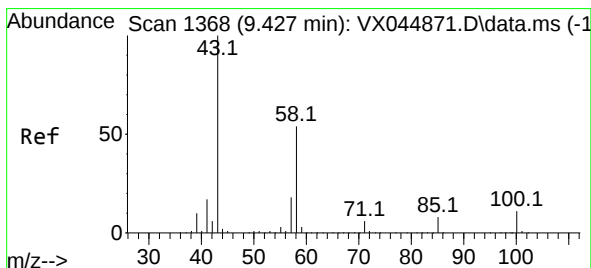
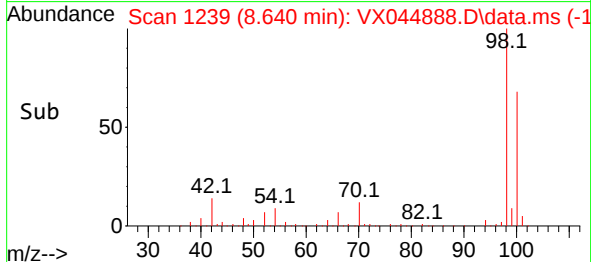
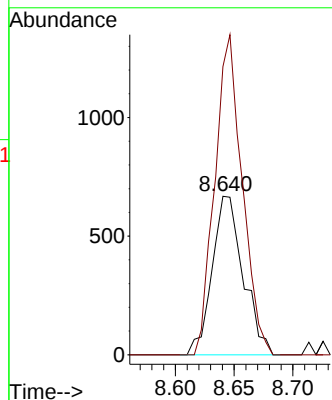
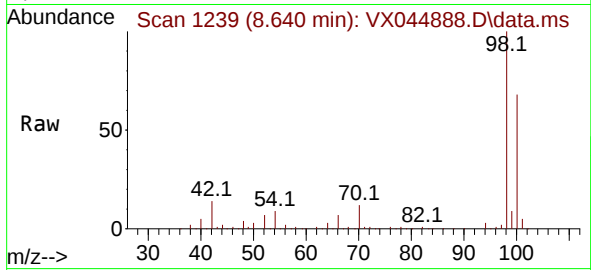




#51
4-Methyl-2-Pentanone
Concen: 0.639 ug/l
RT: 8.640 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

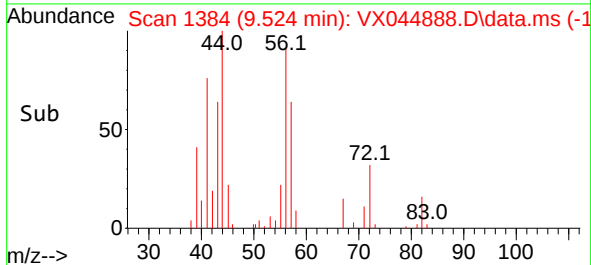
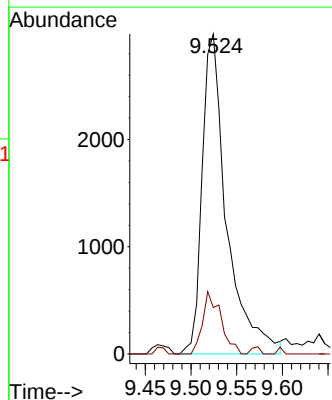
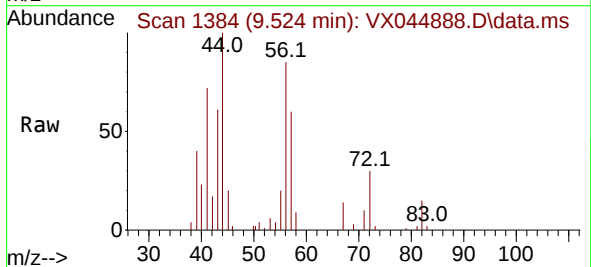
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362

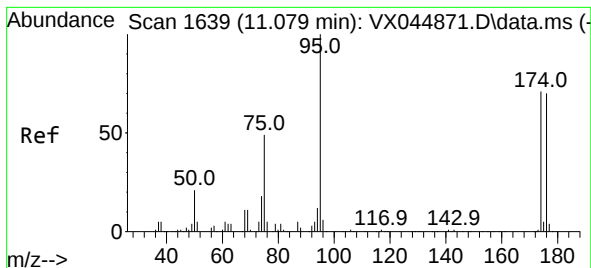
Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 178.2 30.8 46.2#



#59
2-Hexanone
Concen: 4.005 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.098 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

Tgt Ion: 43 Resp: 5555
Ion Ratio Lower Upper
43 100
58 14.5 27.5 82.4#

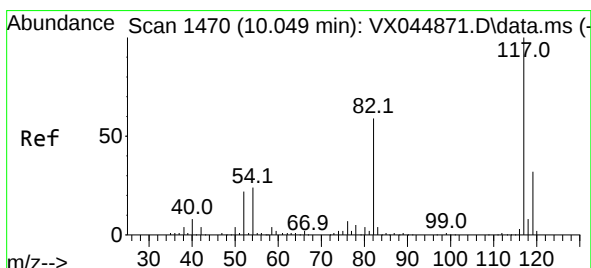
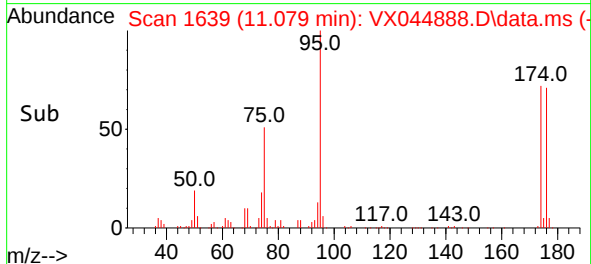
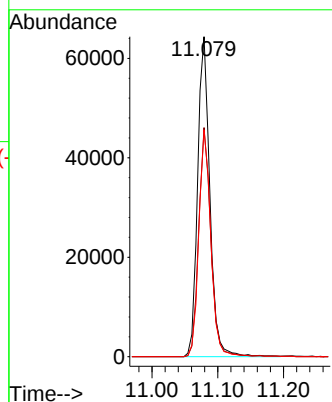
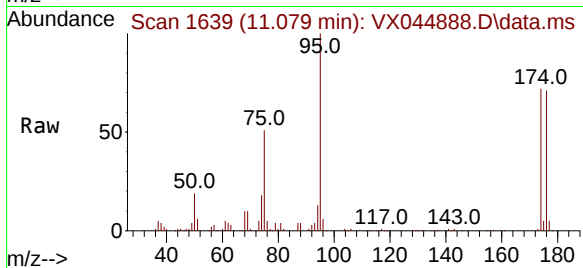




#62
4-Bromofluorobenzene
Concen: 53.154 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

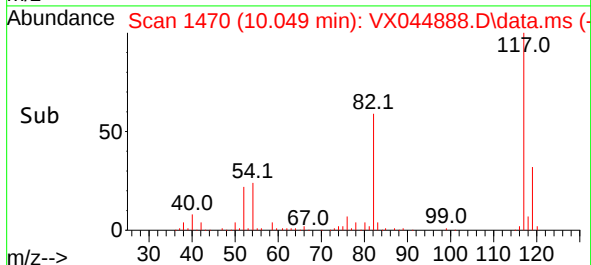
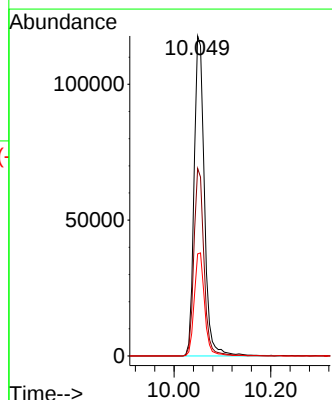
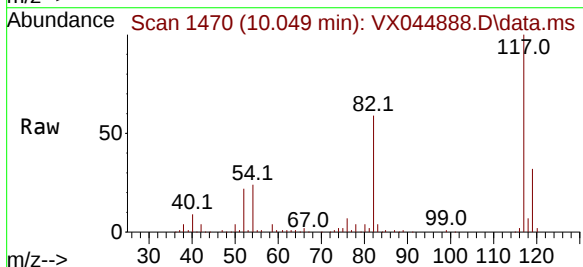
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362

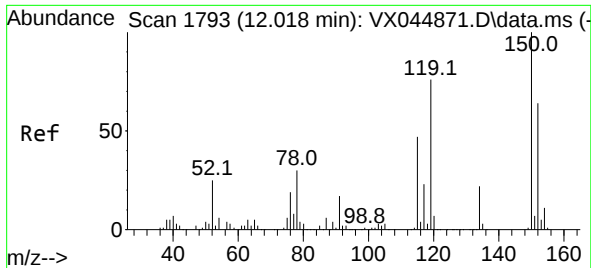
Tgt Ion: 95 Resp: 82802
Ion Ratio Lower Upper
95 100
174 71.0 0.0 142.6
176 70.1 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

Tgt Ion: 117 Resp: 173877
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 31.9 25.4 38.0

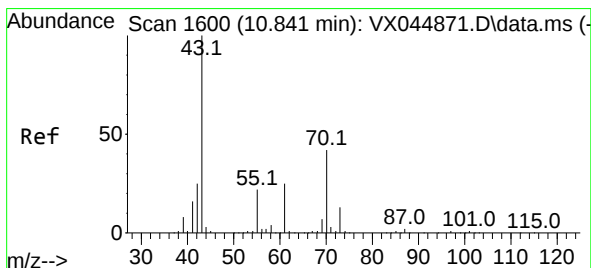
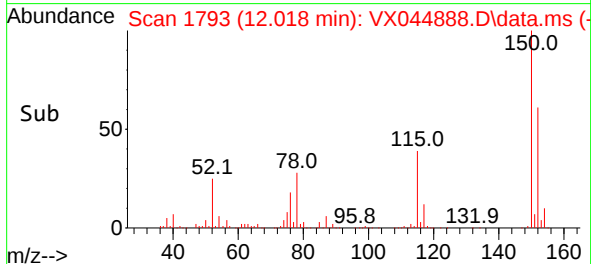
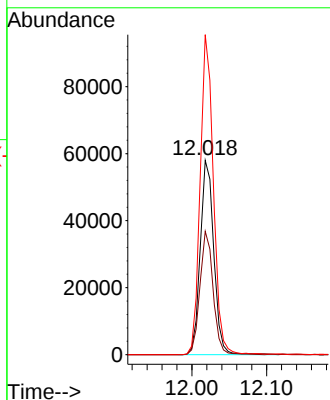
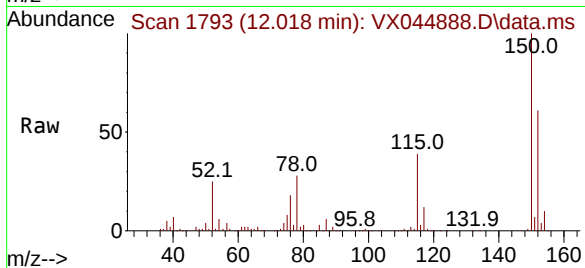




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044888.D
 Acq: 10 Feb 2025 18:23

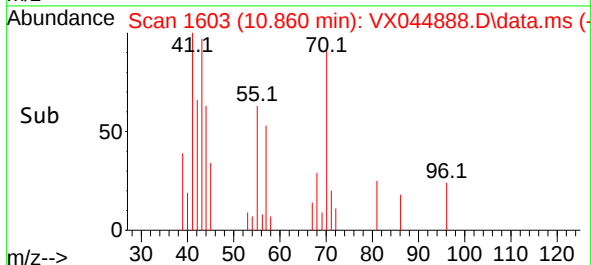
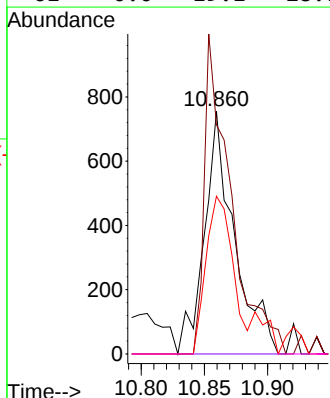
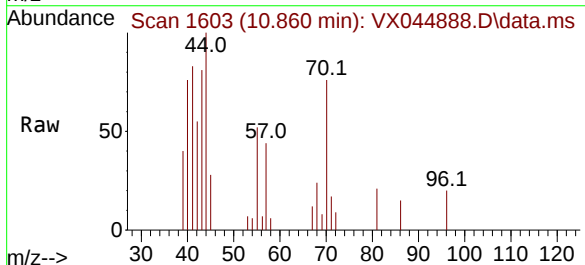
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-360-362

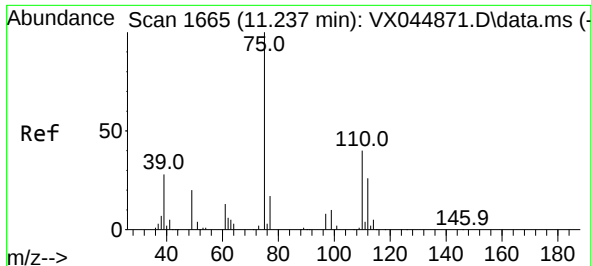
Tgt Ion:152 Resp: 73228
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.4 130.1
 150 160.3 0.0 350.4



#74
 N-ethyl acetate
 Concen: 0.468 ug/l
 RT: 10.860 min Scan# 1603
 Delta R.T. 0.018 min
 Lab File: VX044888.D
 Acq: 10 Feb 2025 18:23

Tgt Ion: 43 Resp: 1249
 Ion Ratio Lower Upper
 43 100
 70 115.0 33.7 50.5#
 55 57.9 18.6 27.8#
 61 0.0 19.1 28.7#

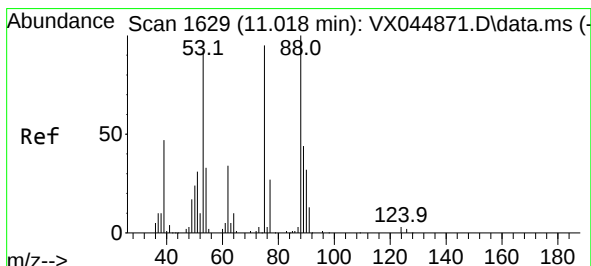
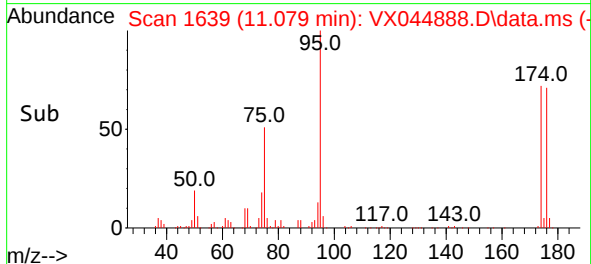
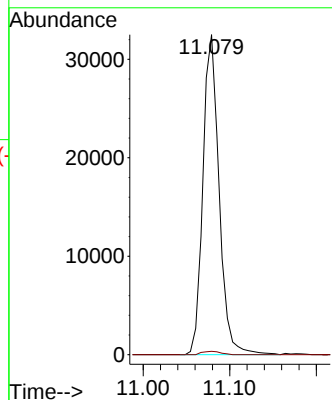
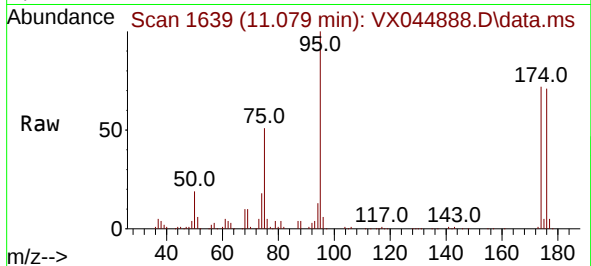




#76
1,2,3-Trichloropropane
Concen: 26.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362

Tgt Ion: 75 Resp: 42248
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044888.D
Acq: 10 Feb 2025 18:23

Tgt Ion: 75 Resp: 42248
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

