

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022525\
 Data File : VX045040.D
 Acq On : 25 Feb 2025 15:40
 Operator : JC/MD
 Sample : Q1401-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 26 03:17:40 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)

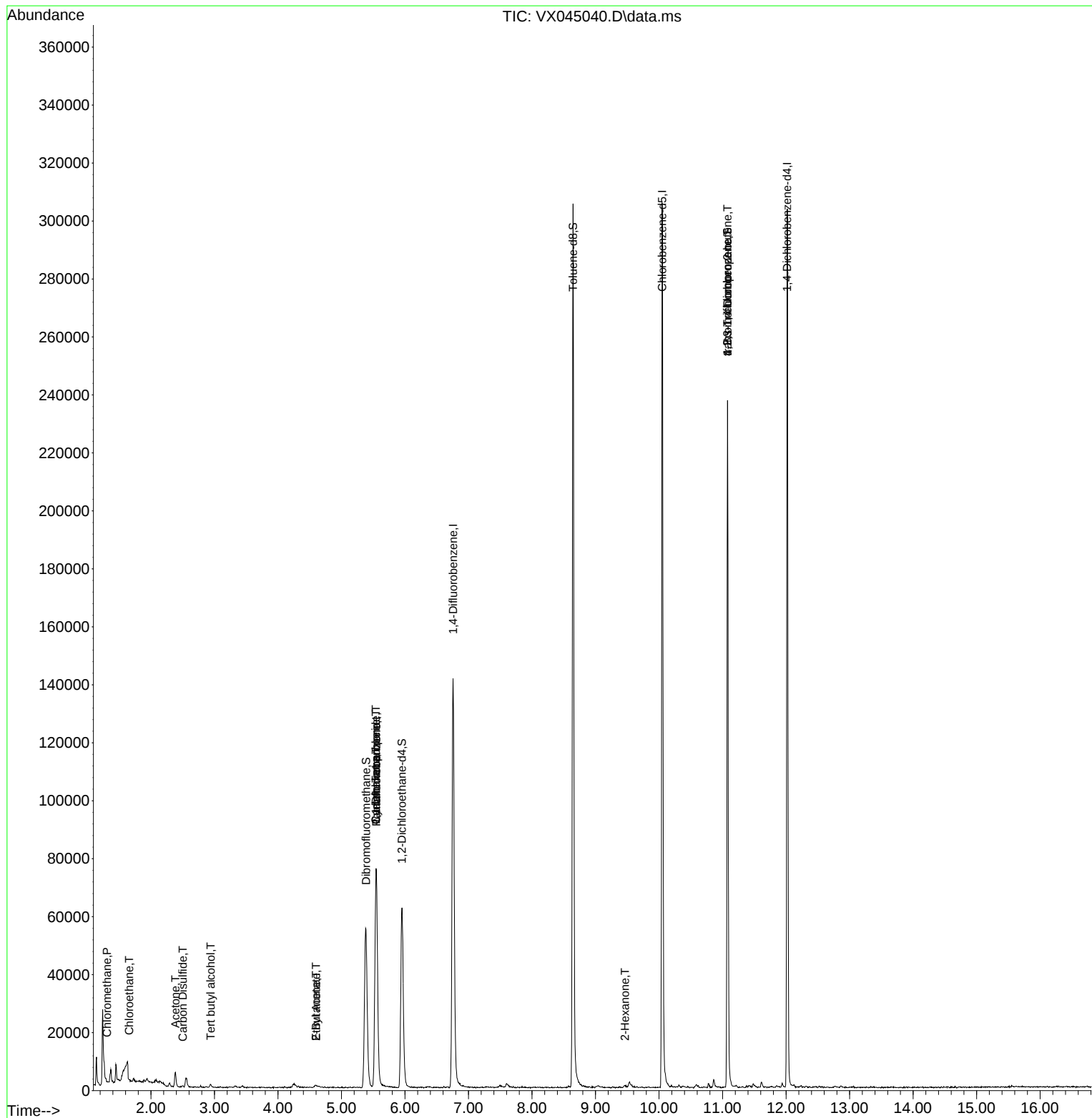
Internal Standards						
1) Pentafluorobenzene	5.550	168	73614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59528	55.242	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.480%			
35) Dibromofluoromethane	5.385	113	49978	52.293	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.580%			
50) Toluene-d8	8.647	98	179182	49.580	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.160%			
62) 4-Bromofluorobenzene	11.079	95	64419	52.874	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.740%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	337	0.268	ug/l #	42
6) Chloroethane	1.654	64	218	1.711	ug/l #	42
11) Tert butyl alcohol	2.940	59	514	2.571	ug/l #	73
16) Acetone	2.386	43	5444	12.567	ug/l	96
17) Carbon Disulfide	2.501	76	776	0.298	ug/l #	76
25) 2-Butanone	4.599	43	1677	2.384	ug/l #	80
31) Cyclohexane	5.544	56	1991	1.190	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	6148	4.459	ug/l #	50
37) Ethyl Acetate	4.599	43	1677	1.093	ug/l #	69
38) Carbon Tetrachloride	5.544	117	7994	5.916	ug/l #	15
59) 2-Hexanone	9.464	43	848	0.782	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	33358	25.543	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33358	65.706	ug/l #	11

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

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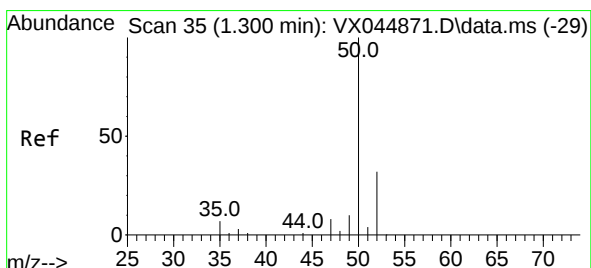
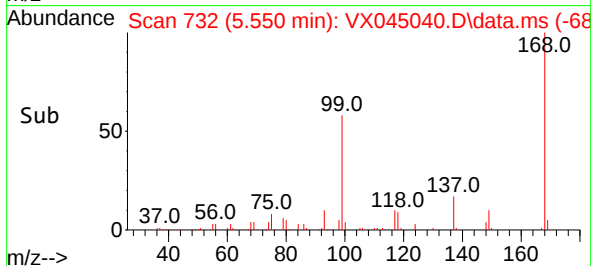
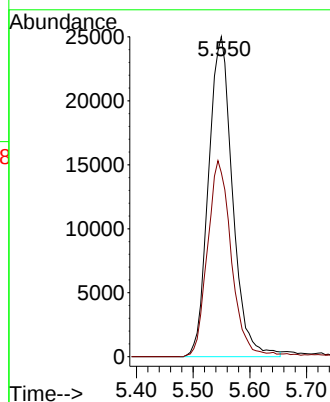
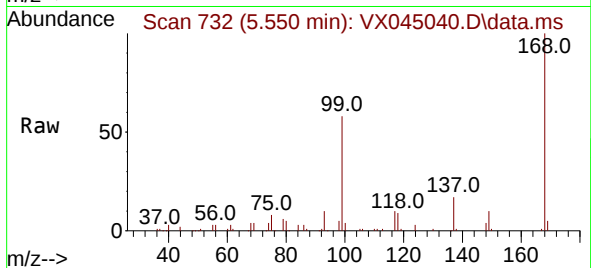




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX045040.D
Acq: 25 Feb 2025 15:40

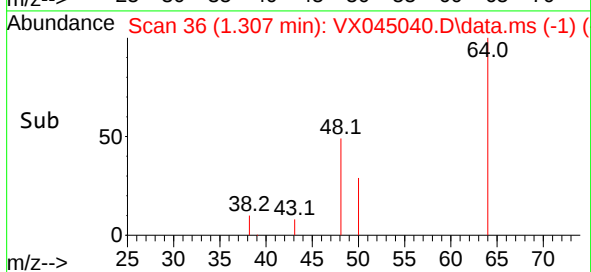
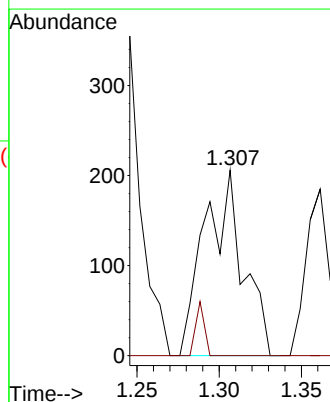
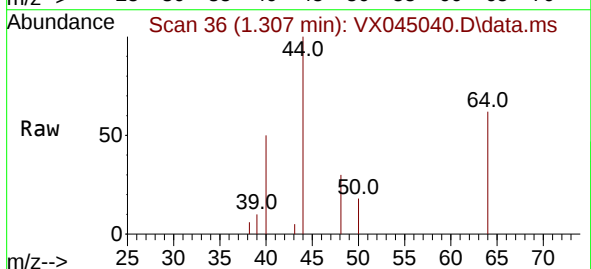
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-900-902

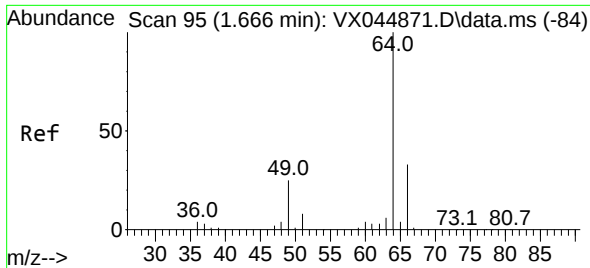
Tgt Ion:168 Resp: 73614
Ion Ratio Lower Upper
168 100
99 57.5 51.2 76.8



#3
Chloromethane
Concen: 0.268 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX045040.D
Acq: 25 Feb 2025 15:40

Tgt Ion: 50 Resp: 337
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

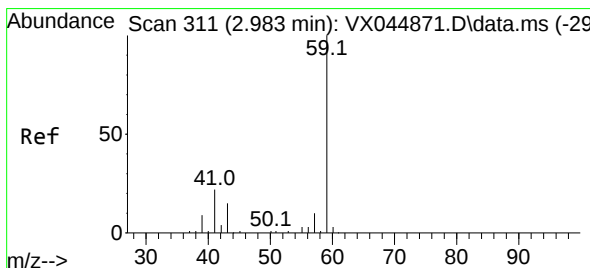
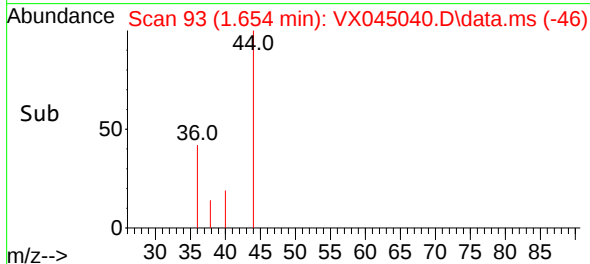
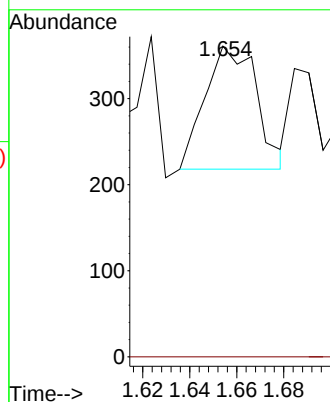
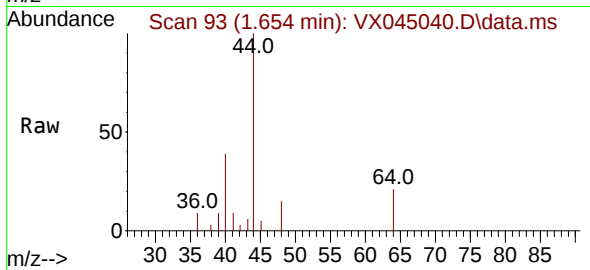




#6
Chloroethane
Concen: 1.711 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX045040.D
Acq: 25 Feb 2025 15:40

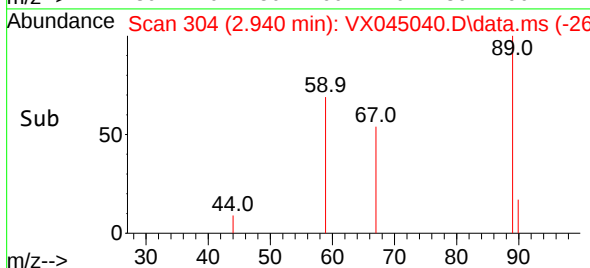
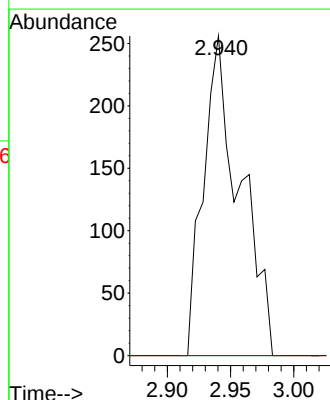
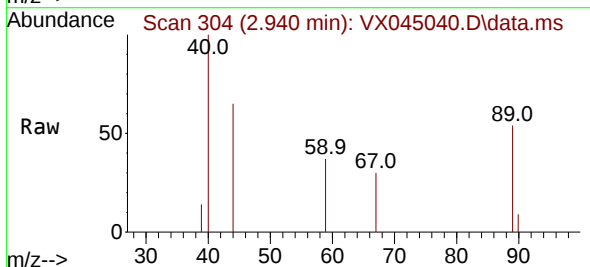
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-900-902

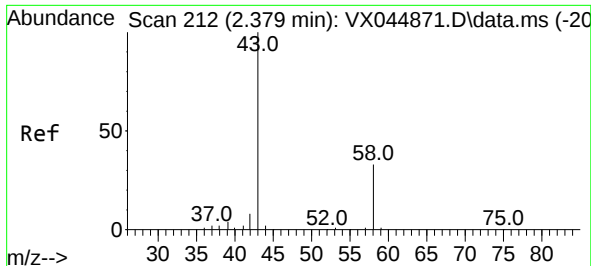
Tgt Ion: 64 Resp: 218
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 2.571 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX045040.D
Acq: 25 Feb 2025 15:40

Tgt Ion: 59 Resp: 514
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

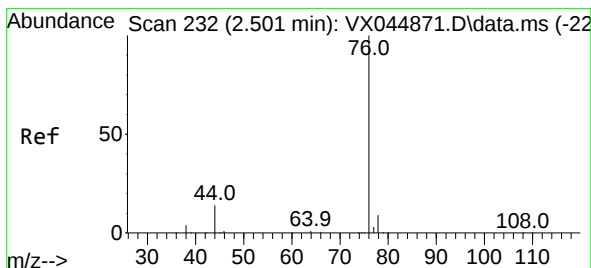
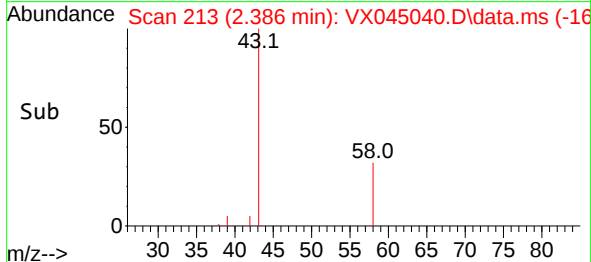
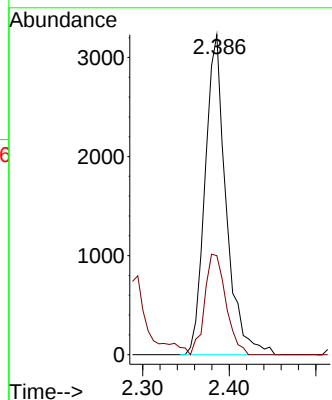
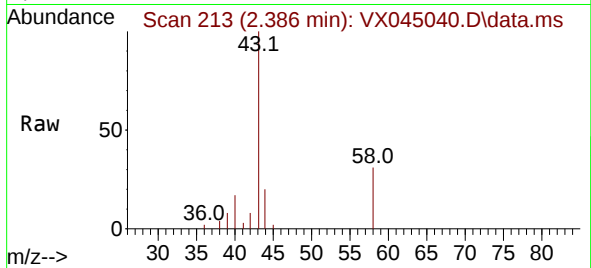




#16
Acetone
Concen: 12.567 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX045040.D
Acq: 25 Feb 2025 15:40

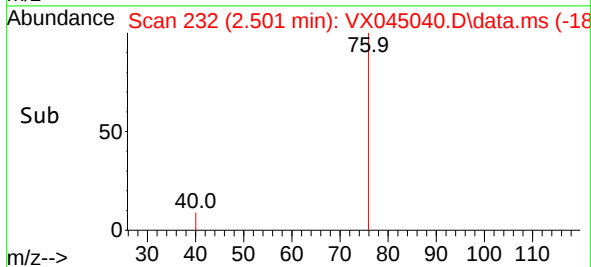
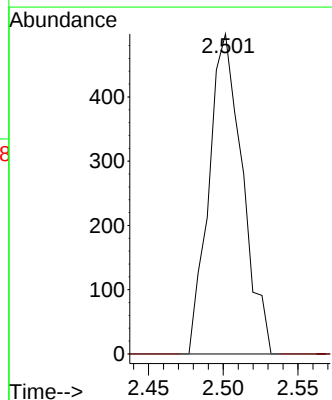
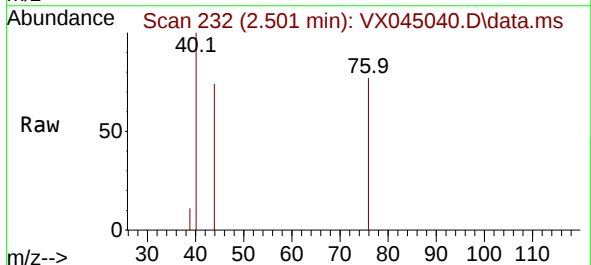
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-900-902

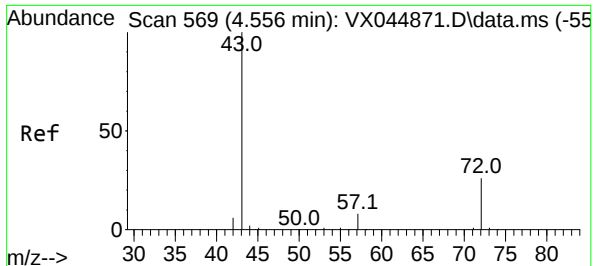
Tgt Ion: 43 Resp: 5444
Ion Ratio Lower Upper
43 100
58 30.9 26.5 39.7



#17
Carbon Disulfide
Concen: 0.298 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX045040.D
Acq: 25 Feb 2025 15:40

Tgt Ion: 76 Resp: 776
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#





#25

2-Butanone

Concen: 2.384 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX045040.D

Acq: 25 Feb 2025 15:40

Instrument :

MSVOA_X

ClientSampleId :

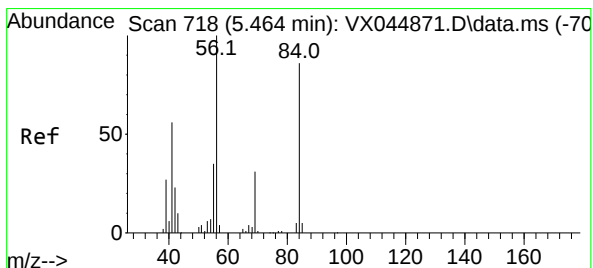
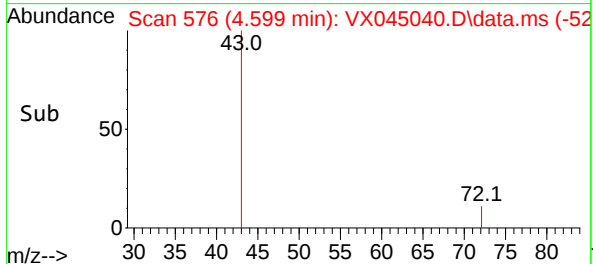
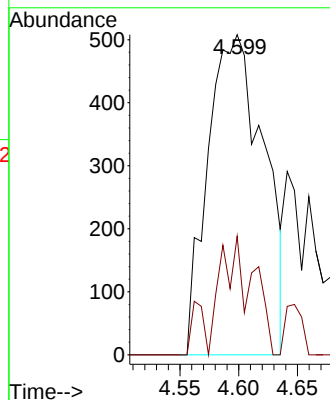
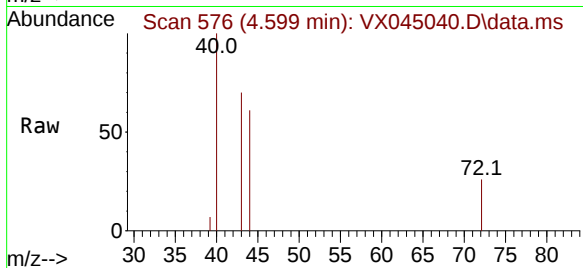
BP-VPB-192-GW-900-902

Tgt Ion: 43 Resp: 1677

Ion Ratio Lower Upper

43 100

72 37.0 21.2 31.8#



#31

Cyclohexane

Concen: 1.190 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.080 min

Lab File: VX045040.D

Acq: 25 Feb 2025 15:40

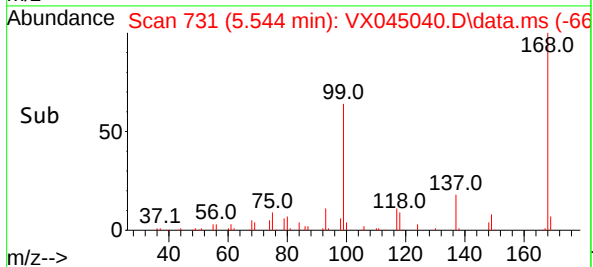
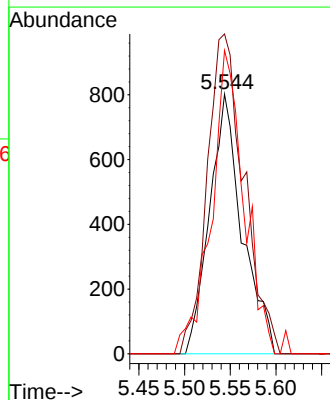
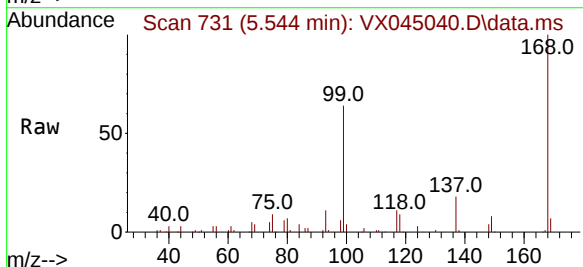
Tgt Ion: 56 Resp: 1991

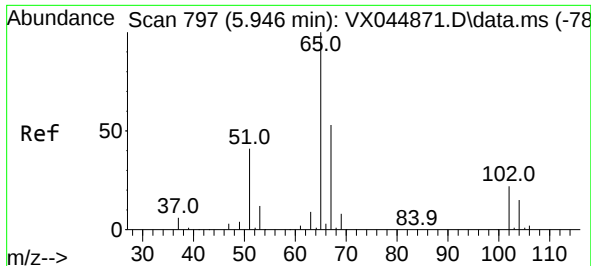
Ion Ratio Lower Upper

56 100

69 123.2 24.4 36.6#

84 116.8 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 55.242 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX045040.D

Acq: 25 Feb 2025 15:40

Instrument :

MSVOA_X

ClientSampleId :

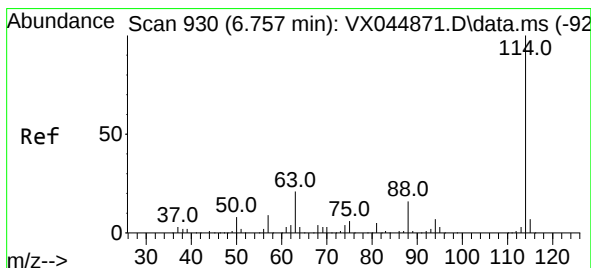
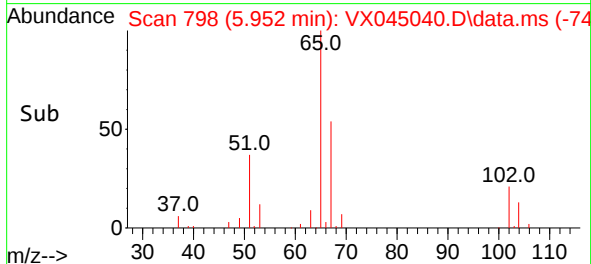
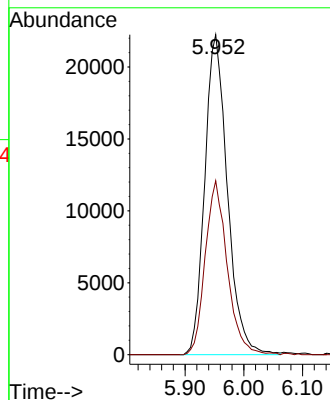
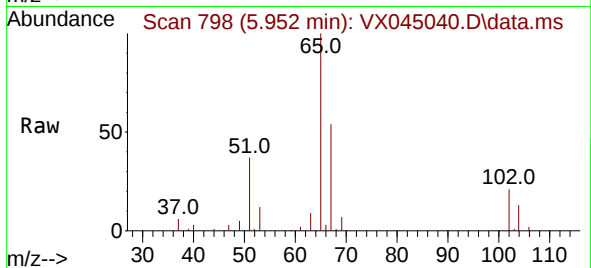
BP-VPB-192-GW-900-902

Tgt Ion: 65 Resp: 59528

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045040.D

Acq: 25 Feb 2025 15:40

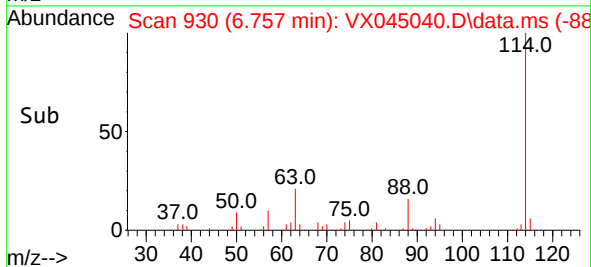
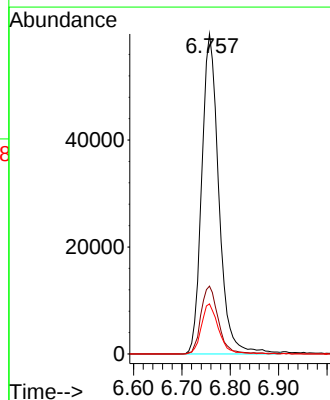
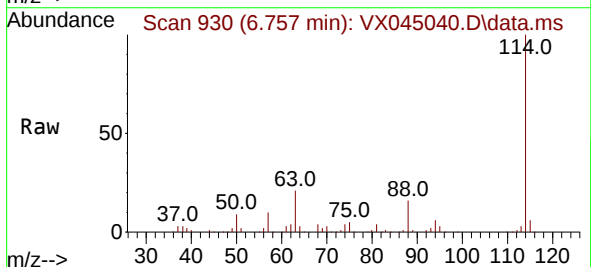
Tgt Ion: 114 Resp: 146998

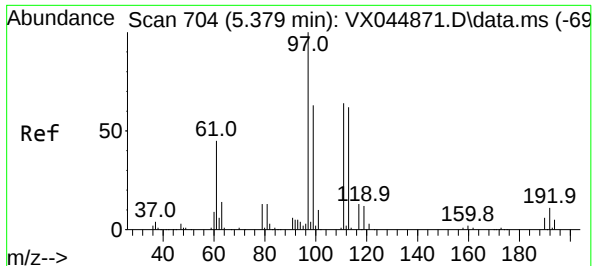
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 15.7 0.0 31.4

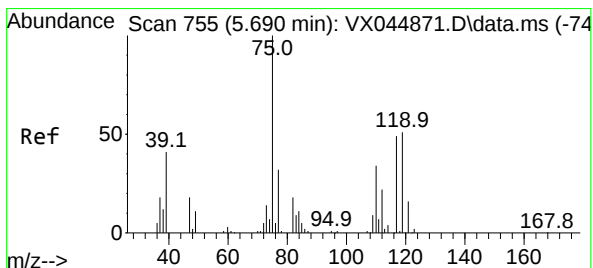
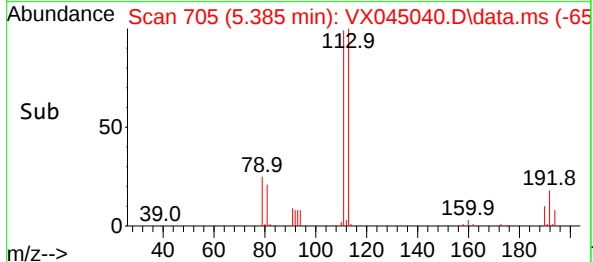
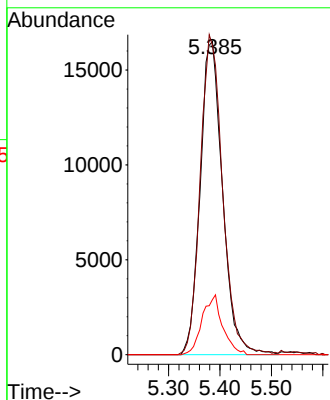
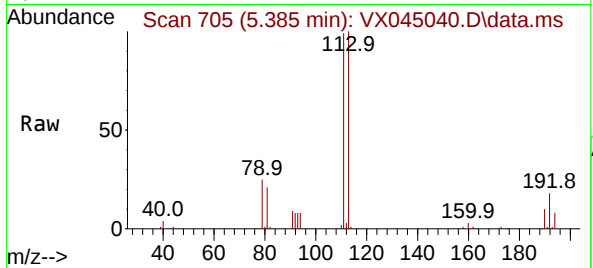




#35
Dibromofluoromethane
Concen: 52.293 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045040.D
Acq: 25 Feb 2025 15:40

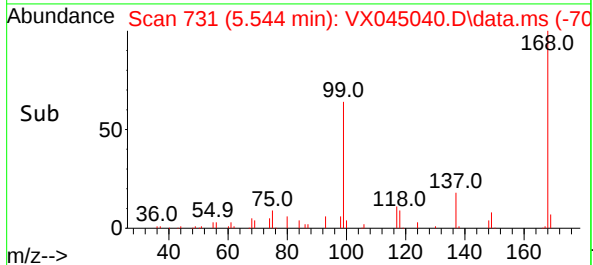
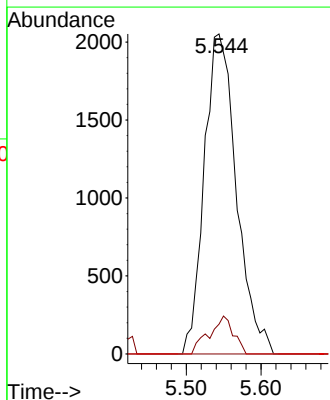
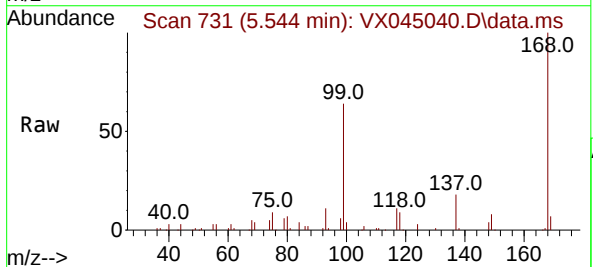
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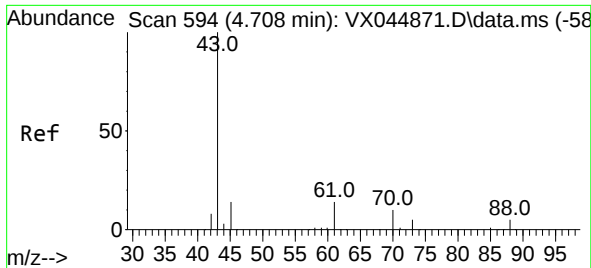
Tgt Ion:113 Resp: 49978
Ion Ratio Lower Upper
113 100
111 101.8 83.5 125.3
192 17.4 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.459 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045040.D
Acq: 25 Feb 2025 15:40

Tgt Ion: 75 Resp: 6148
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.093 ug/l

RT: 4.599 min Scan# 51

Delta R.T. -0.109 min

Lab File: VX045040.D

Acq: 25 Feb 2025 15:40

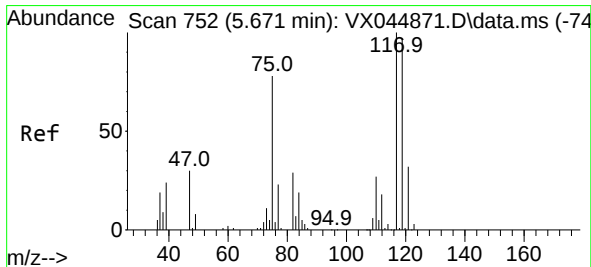
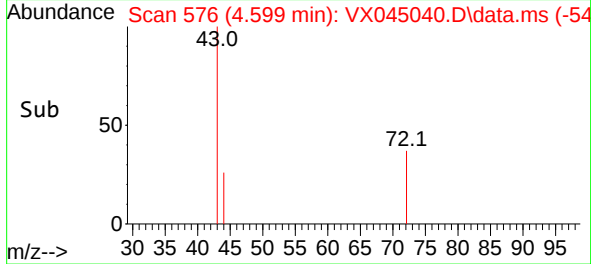
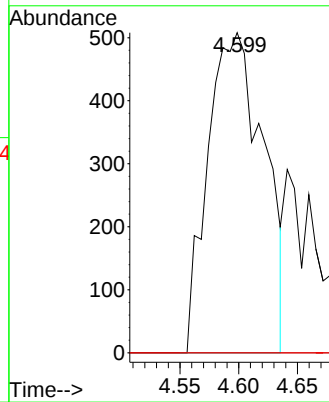
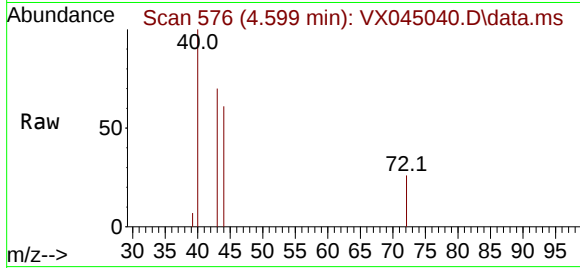
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-900-902

Tgt Ion: 43	Resp: 1677
Ion Ratio	Lower Upper
43 100	
61 0.0	11.0 16.4#
70 0.0	8.2 12.2#



#38

Carbon Tetrachloride

Concen: 5.916 ug/l

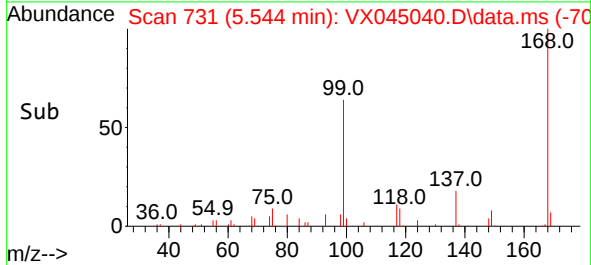
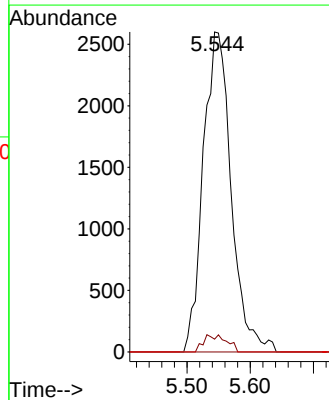
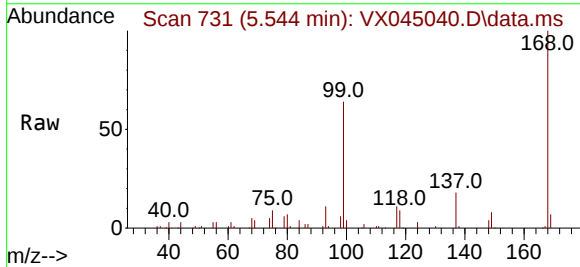
RT: 5.544 min Scan# 731

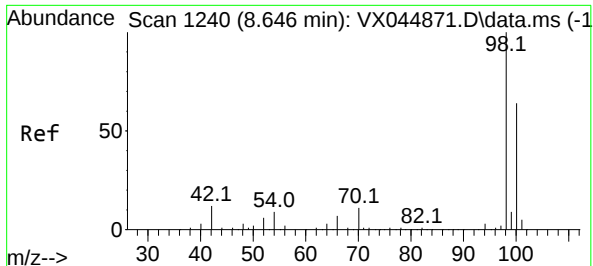
Delta R.T. -0.128 min

Lab File: VX045040.D

Acq: 25 Feb 2025 15:40

Tgt Ion: 117	Resp: 7994
Ion Ratio	Lower Upper
117 100	
119 4.0	77.5 116.3#
121 0.0	25.6 38.4#





#50

Toluene-d8

Concen: 49.580 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045040.D

Acq: 25 Feb 2025 15:40

Instrument :

MSVOA_X

ClientSampleId :

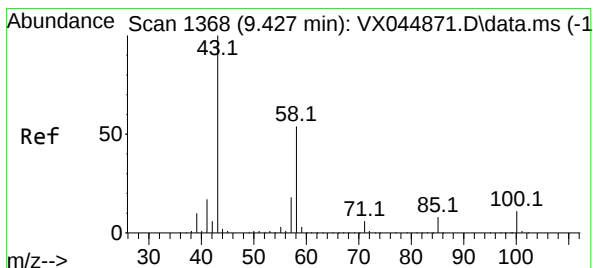
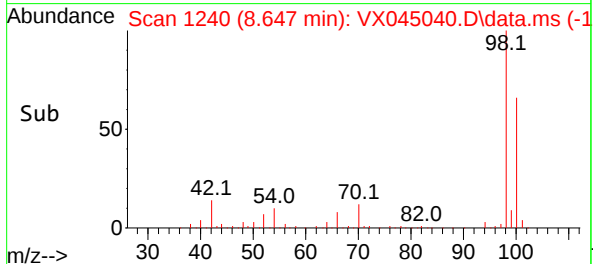
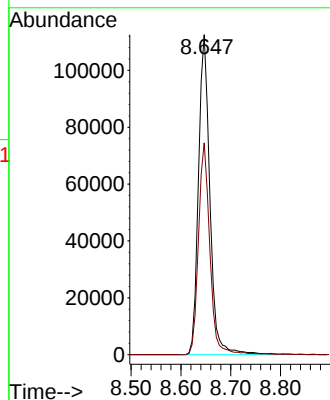
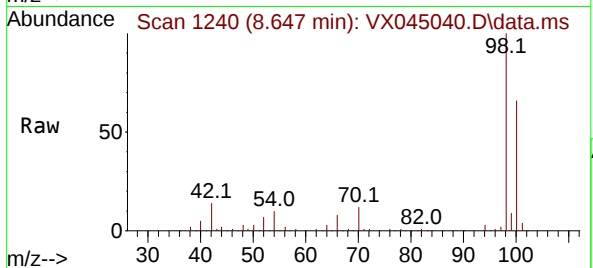
BP-VPB-192-GW-900-902

Tgt Ion: 98 Resp: 179182

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1



#59

2-Hexanone

Concen: 0.782 ug/l

RT: 9.464 min Scan# 1374

Delta R.T. 0.037 min

Lab File: VX045040.D

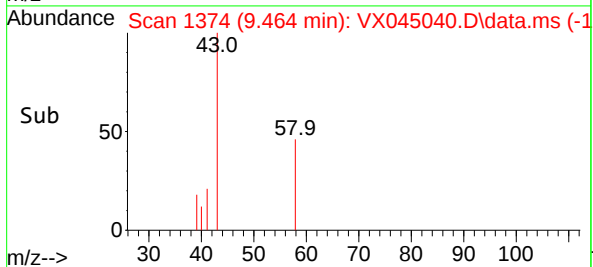
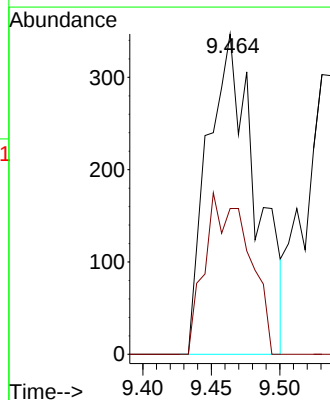
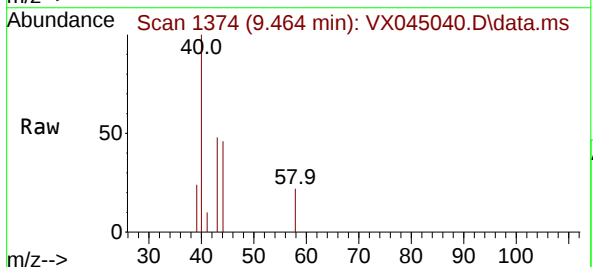
Acq: 25 Feb 2025 15:40

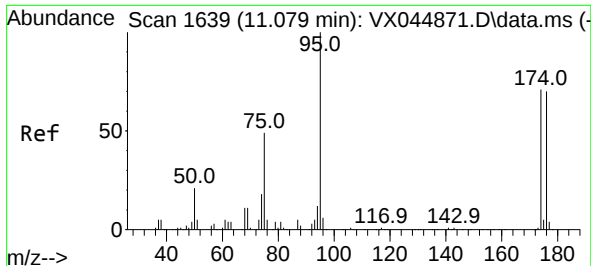
Tgt Ion: 43 Resp: 848

Ion Ratio Lower Upper

43 100

58 46.0 27.5 82.4

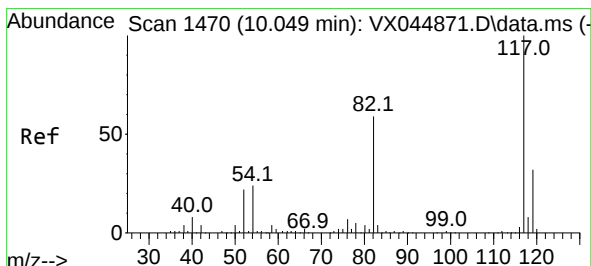
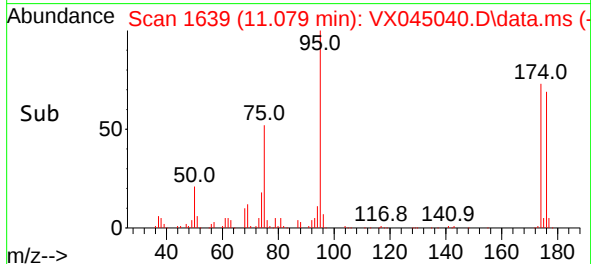
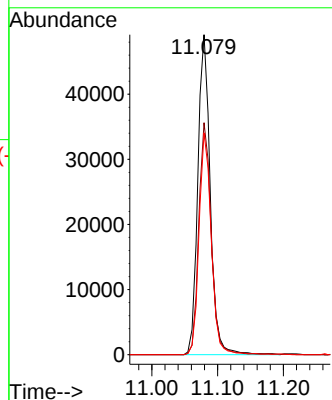
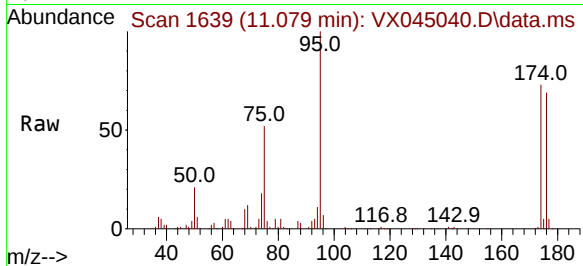




#62
4-Bromofluorobenzene
Concen: 52.874 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045040.D
Acq: 25 Feb 2025 15:40

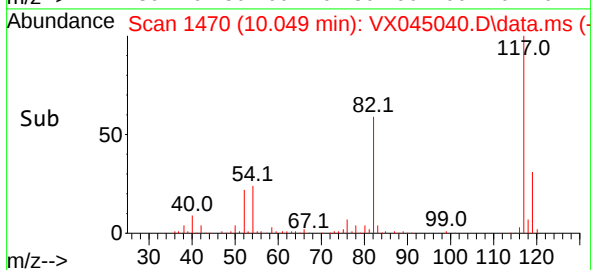
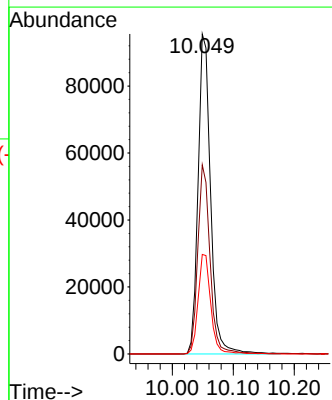
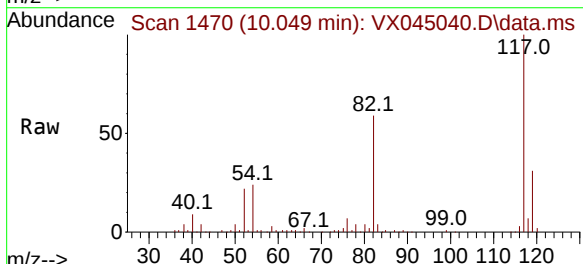
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-900-902

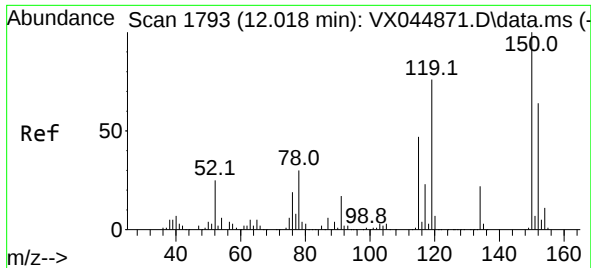
Tgt Ion: 95 Resp: 64419
Ion Ratio Lower Upper
95 100
174 73.3 0.0 142.6
176 68.7 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045040.D
Acq: 25 Feb 2025 15:40

Tgt Ion: 117 Resp: 135969
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 31.1 25.4 38.0

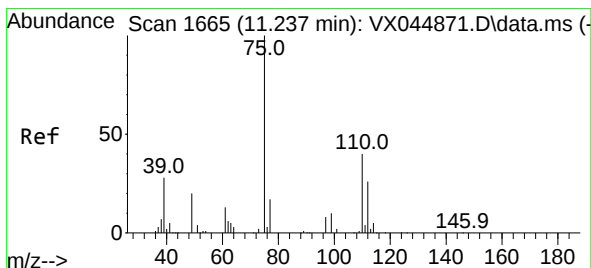
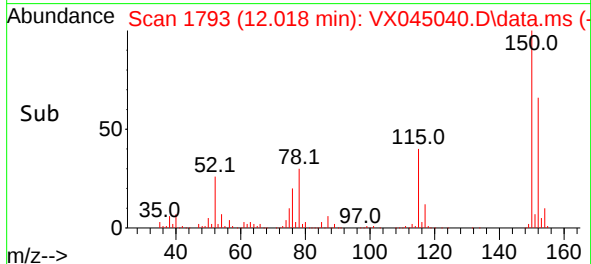
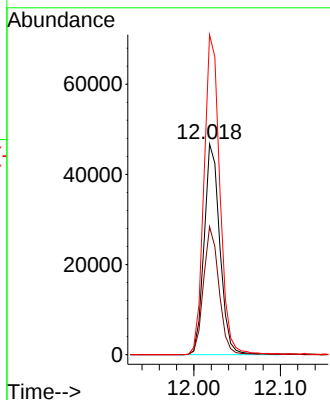
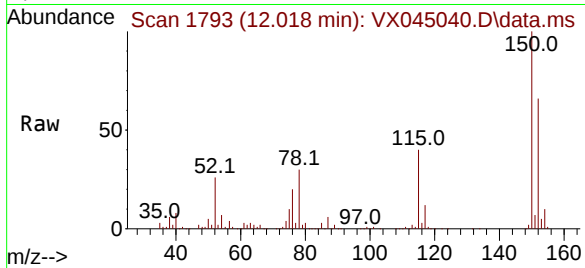




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045040.D
 Acq: 25 Feb 2025 15:40

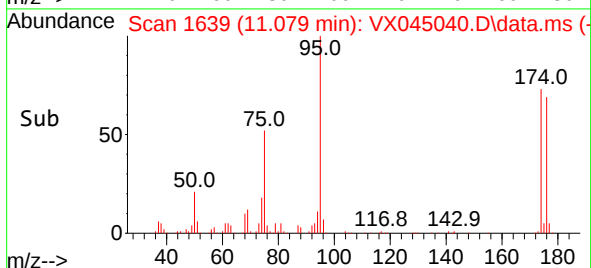
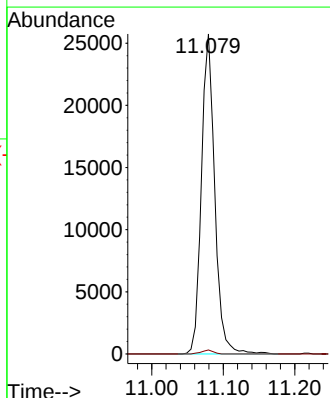
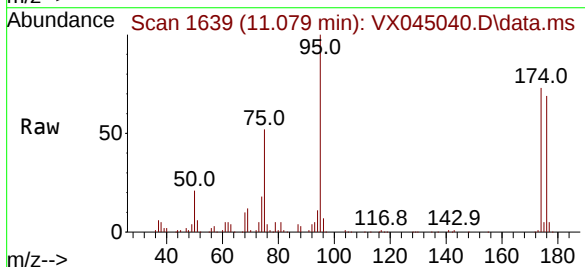
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-900-902

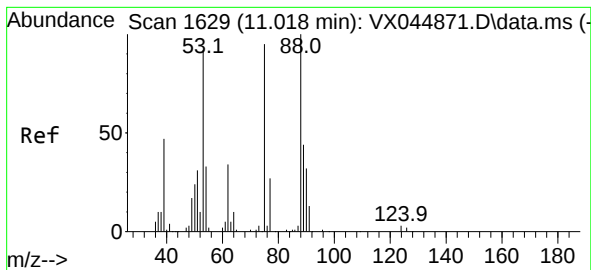
Tgt Ion:152 Resp: 58903
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.4 130.1
 150 153.7 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 25.543 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045040.D
 Acq: 25 Feb 2025 15:40

Tgt Ion: 75 Resp: 33358
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.706 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045040.D
 Acq: 25 Feb 2025 15:40

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

Tgt Ion: 75 Resp: 33358
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

