

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043616.D
 Acq On : 30 Oct 2024 12:06
 Operator : JC/MD
 Sample : P4600-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190-GW-478-480

Quant Time: Oct 30 13:15:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

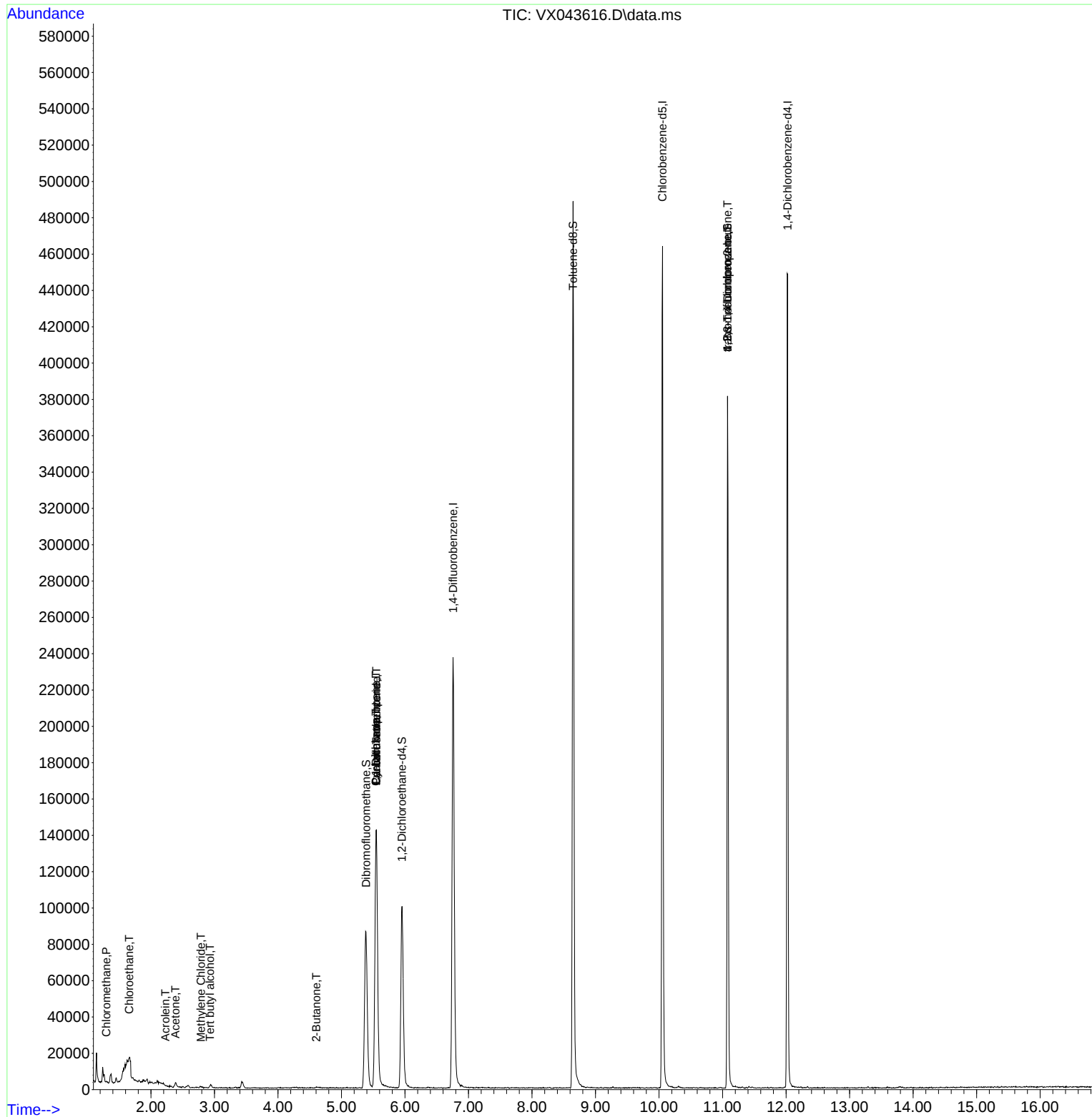
Internal Standards						
1) Pentafluorobenzene	5.550	168	143159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	259096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95599	41.880	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.760%		
35) Dibromofluoromethane	5.385	113	79955	45.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.020%		
50) Toluene-d8	8.647	98	304017	49.988	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.980%		
62) 4-Bromofluorobenzene	11.079	95	106465	47.242	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	418	0.214	ug/l #	42
6) Chloroethane	1.654	64	135	0.211	ug/l #	43
11) Tert butyl alcohol	2.928	59	862	2.023	ug/l #	100
13) Acrolein	2.227	56	94	0.282	ug/l #	31
16) Acetone	2.386	43	3065	3.381	ug/l #	85
20) Methylene Chloride	2.788	84	461	0.236	ug/l	90
25) 2-Butanone	4.605	43	503	0.380	ug/l #	49
31) Cyclohexane	5.543	56	2535	1.052	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	10693	5.133	ug/l #	52
38) Carbon Tetrachloride	5.550	117	14993	6.513	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	51566	24.034	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	51566	66.119	ug/l #	7

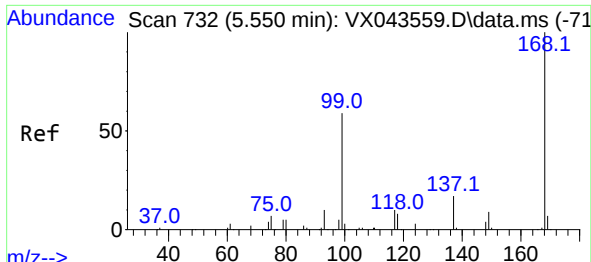
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

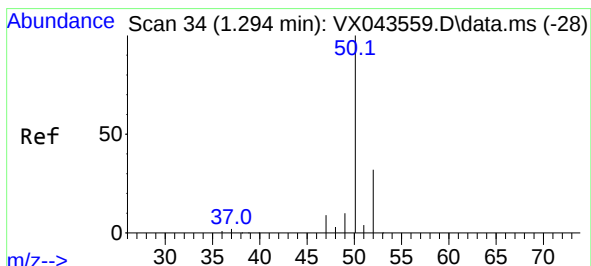
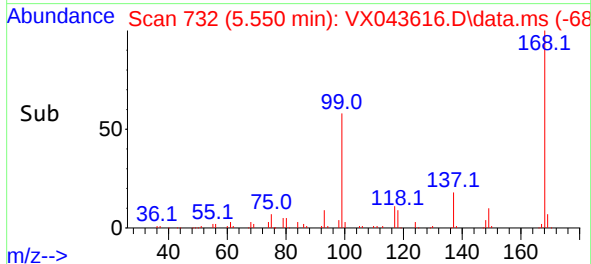
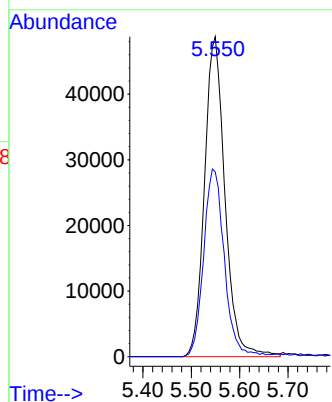
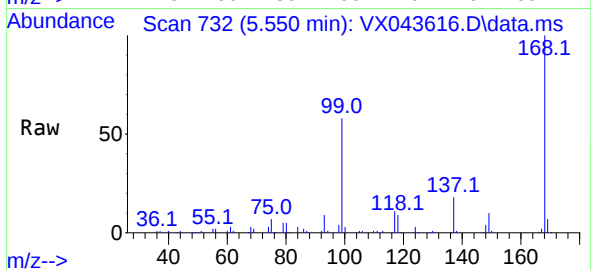




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

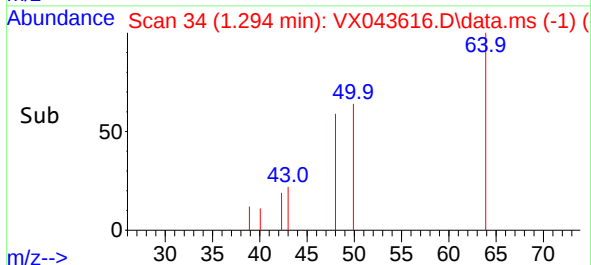
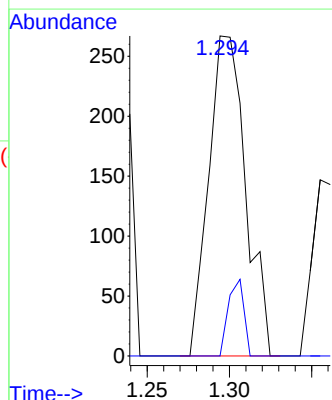
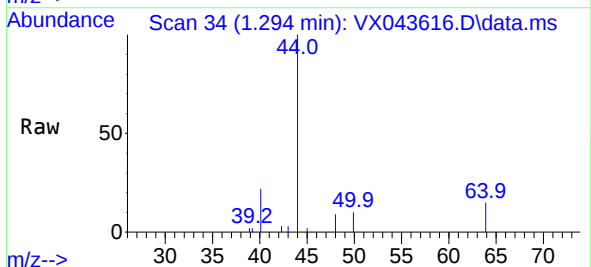
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-478-480

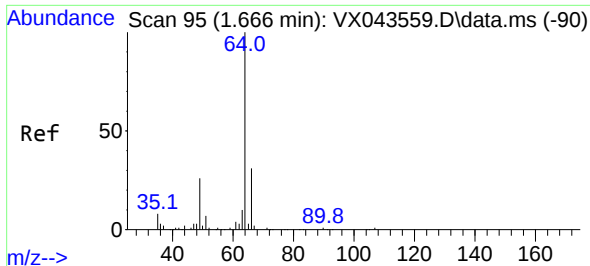
Tgt Ion:168 Resp: 143159
Ion Ratio Lower Upper
168 100
99 57.8 52.6 78.8



#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

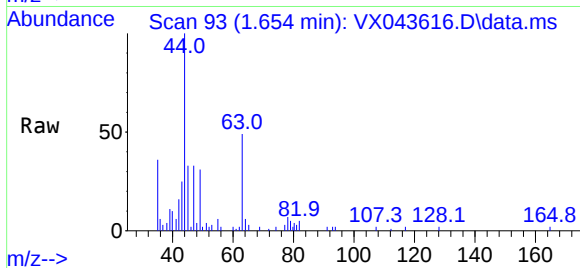
Tgt Ion: 50 Resp: 418
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5



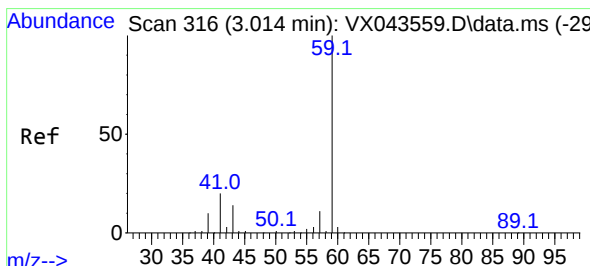
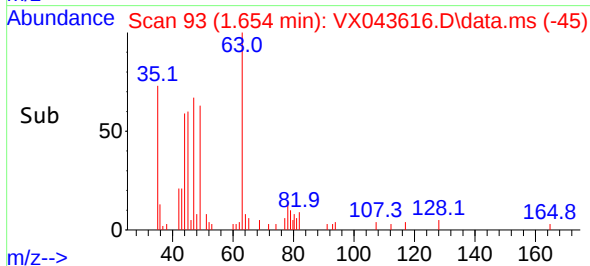
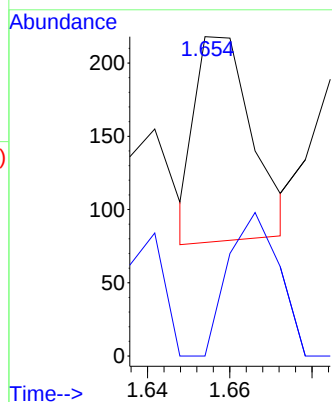


#6
Chloroethane
Concen: 0.211 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-478-480

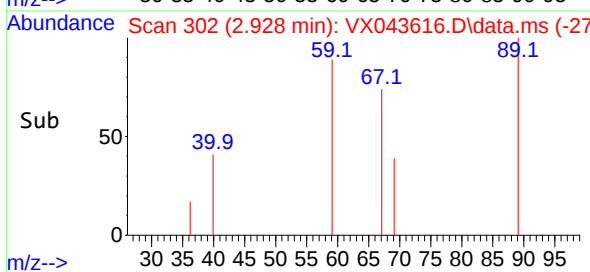
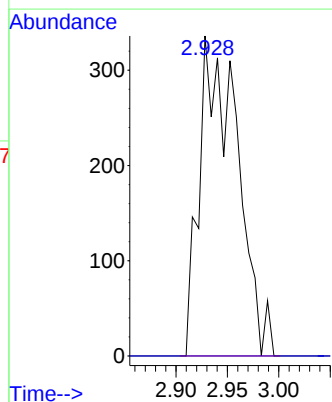
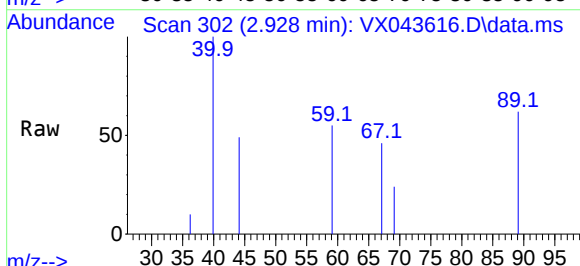


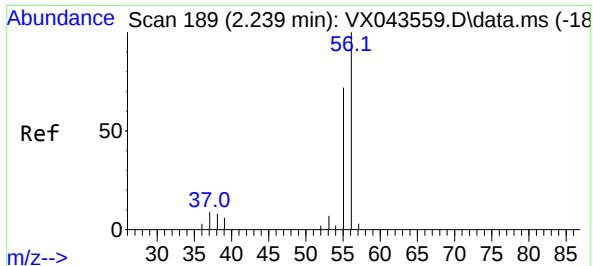
Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 2.023 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.122 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

Tgt Ion: 59 Resp: 862
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

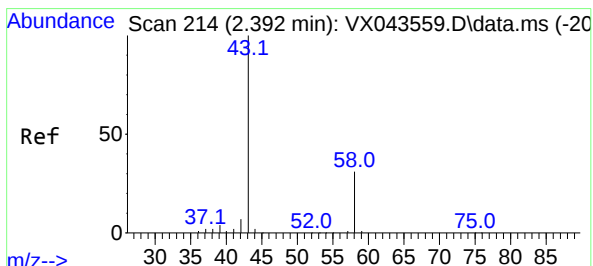
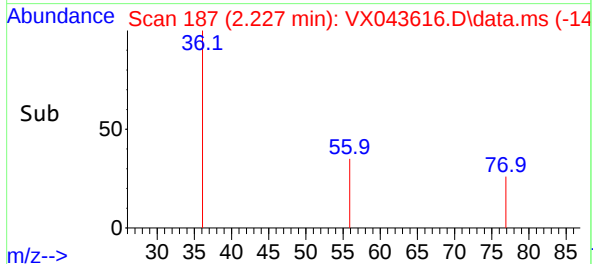
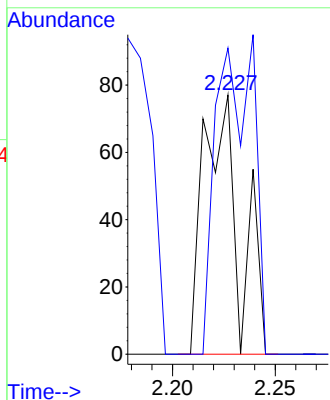
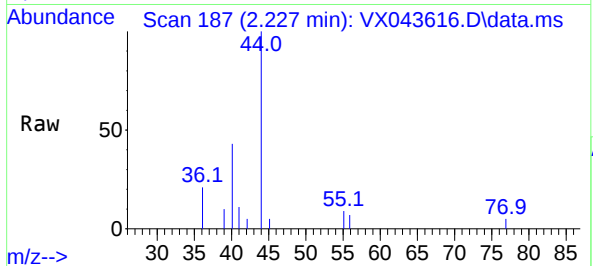




#13
Acrolein
Concen: 0.282 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

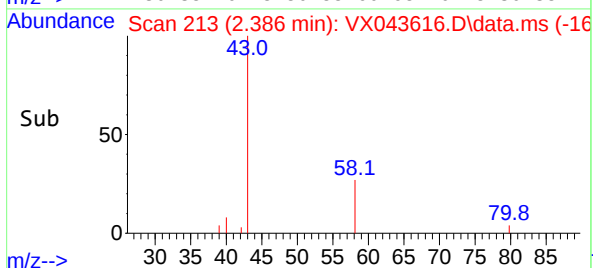
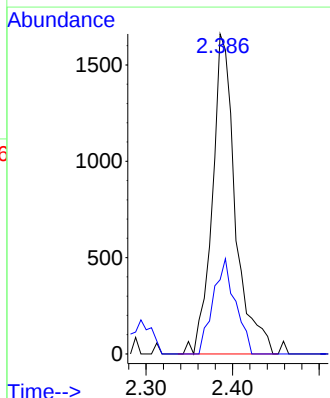
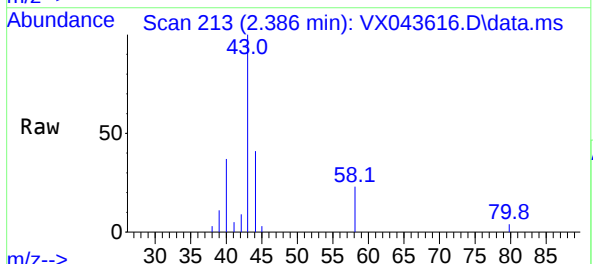
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-478-480

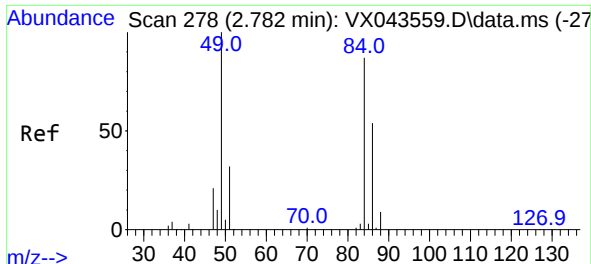
Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 125.5 55.3 82.9#



#16
Acetone
Concen: 3.381 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

Tgt Ion: 43 Resp: 3065
Ion Ratio Lower Upper
43 100
58 23.2 25.1 37.7#





#20

Methylene Chloride

Concen: 0.236 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043616.D

Acq: 30 Oct 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190-GW-478-480

Tgt Ion: 84 Resp: 461

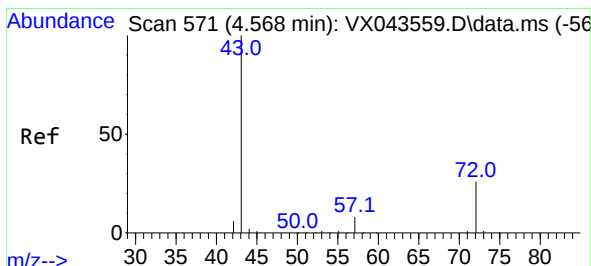
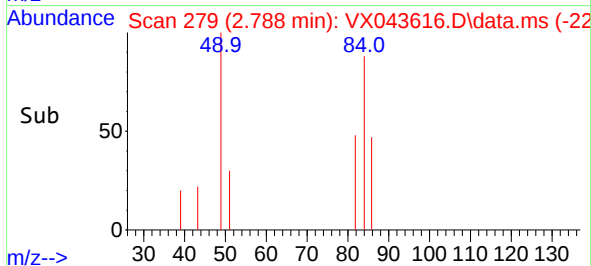
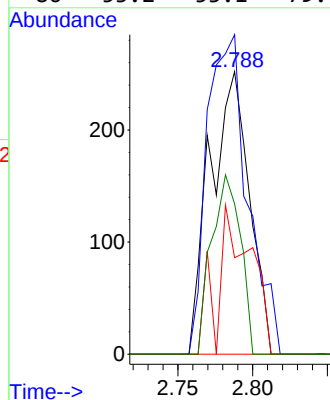
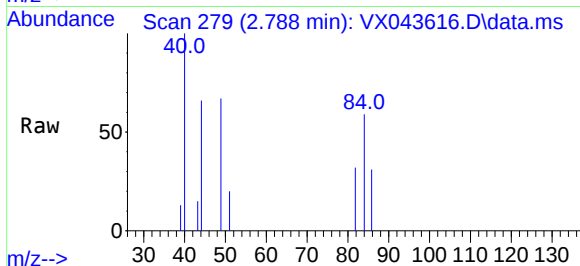
Ion Ratio Lower Upper

84 100

49 113.1 97.0 145.6

51 34.1 29.8 44.8

86 53.2 53.1 79.7



#25

2-Butanone

Concen: 0.380 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.037 min

Lab File: VX043616.D

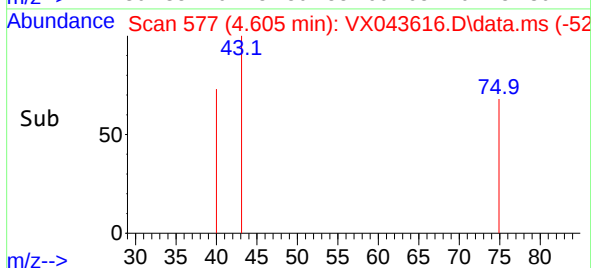
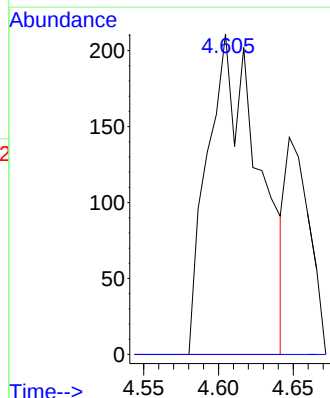
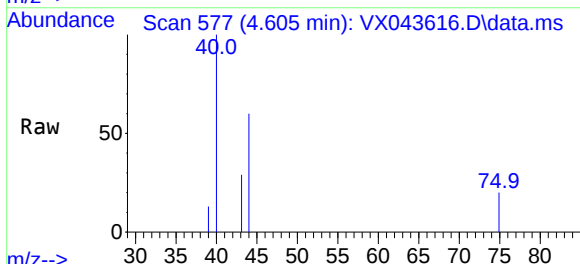
Acq: 30 Oct 2024 12:06

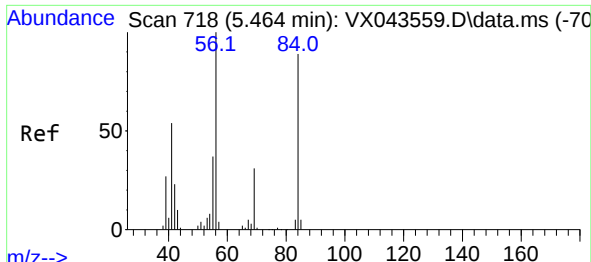
Tgt Ion: 43 Resp: 503

Ion Ratio Lower Upper

43 100

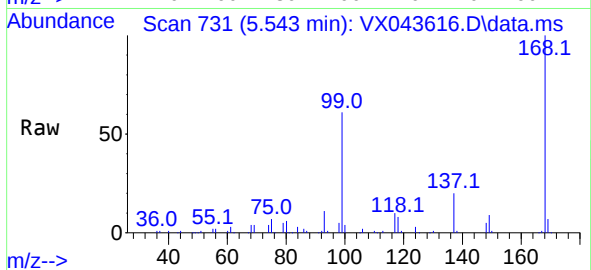
72 0.0 21.1 31.7#



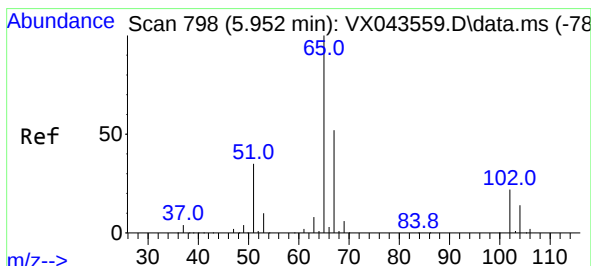
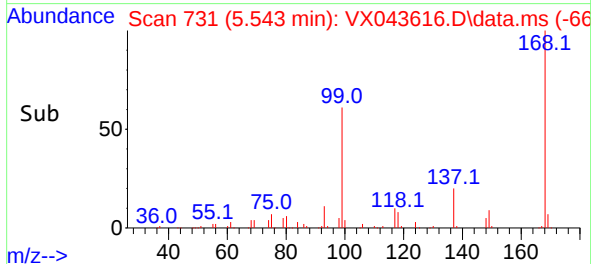
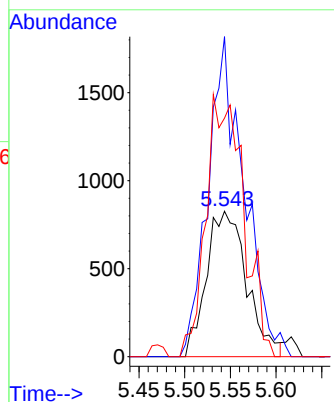


#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-478-480

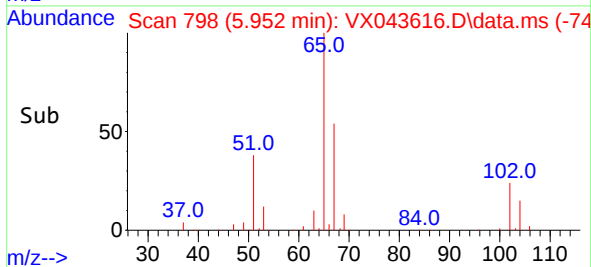
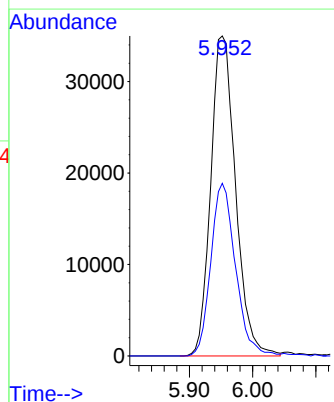
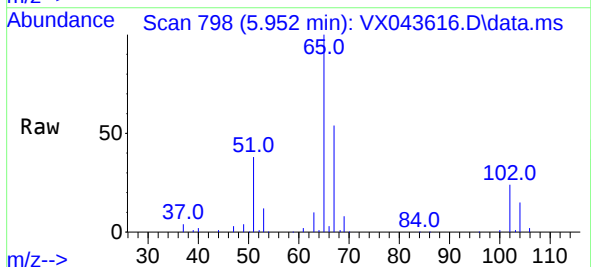


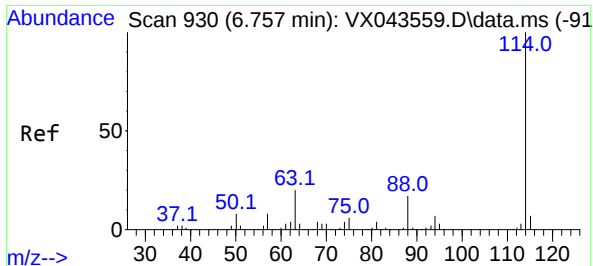
Tgt Ion: 56 Resp: 2535
Ion Ratio Lower Upper
56 100
69 220.1 24.9 37.3#
84 164.0 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 41.880 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

Tgt Ion: 65 Resp: 95599
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX043616.D

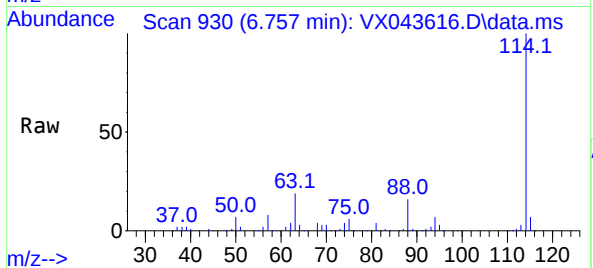
Acq: 30 Oct 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190-GW-478-480



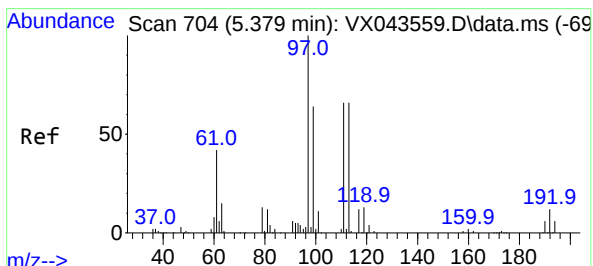
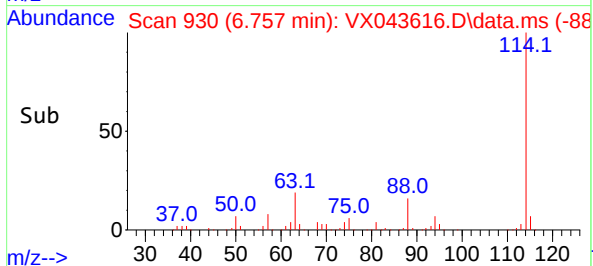
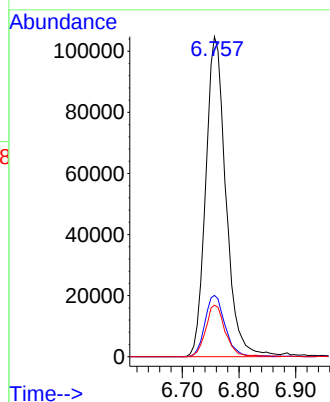
Tgt Ion:114 Resp: 259096

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.2

88 16.1 0.0 34.0



#35

Dibromofluoromethane

Concen: 45.509 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX043616.D

Acq: 30 Oct 2024 12:06

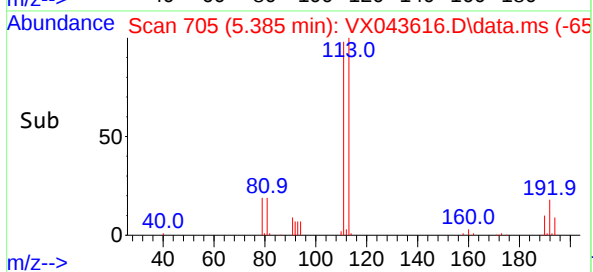
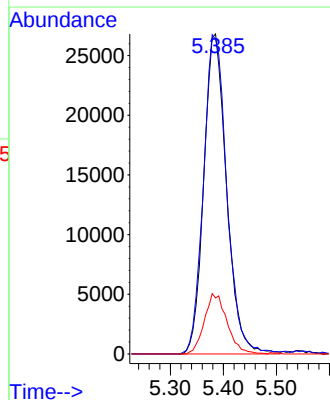
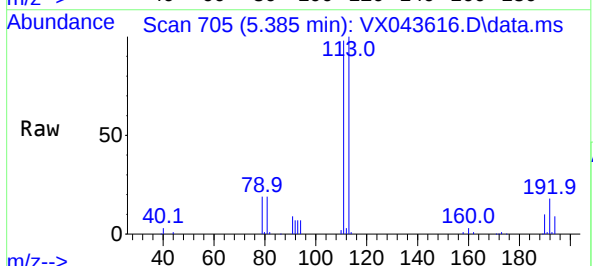
Tgt Ion:113 Resp: 79955

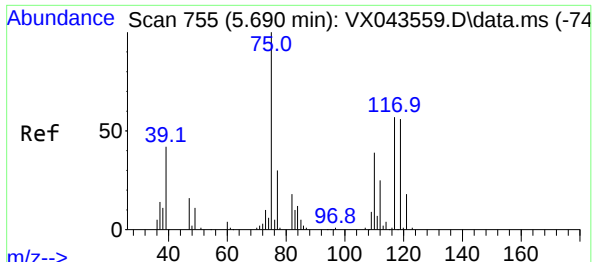
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

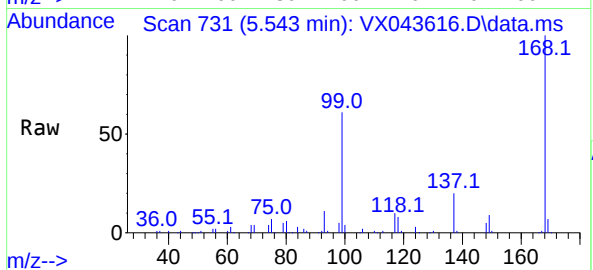
192 18.8 14.1 21.1



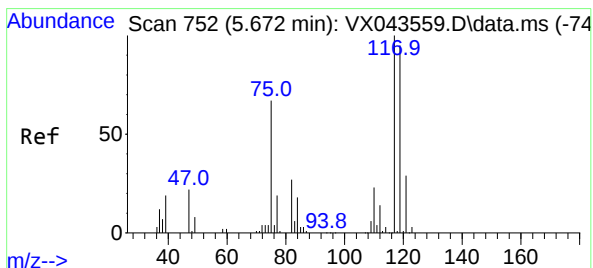
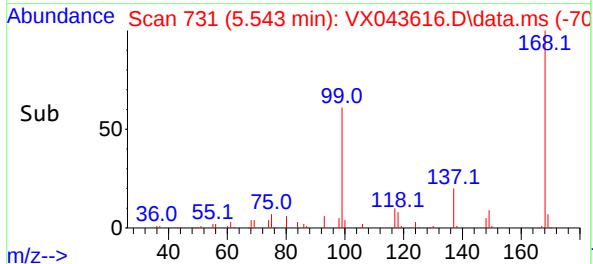
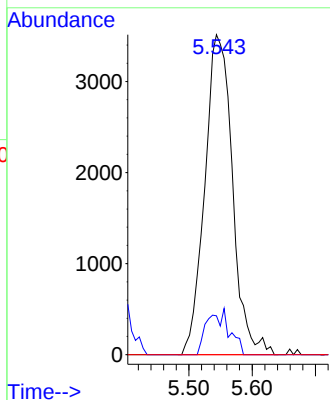


#36
1,1-Dichloropropene
Concen: 5.133 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-478-480

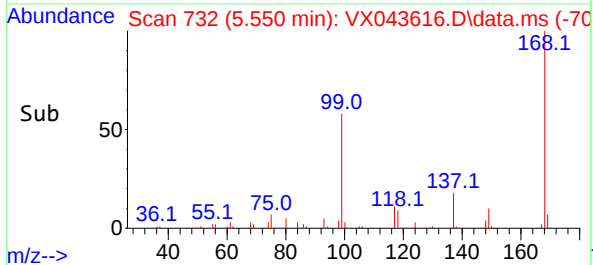
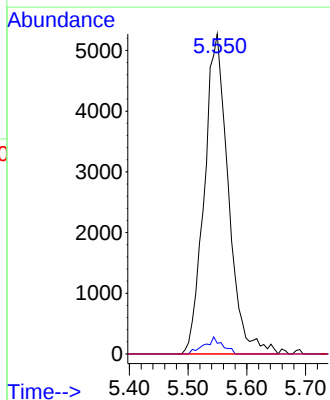
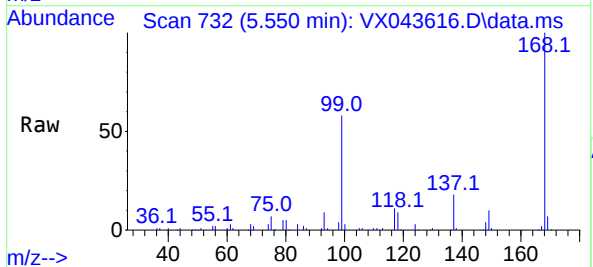


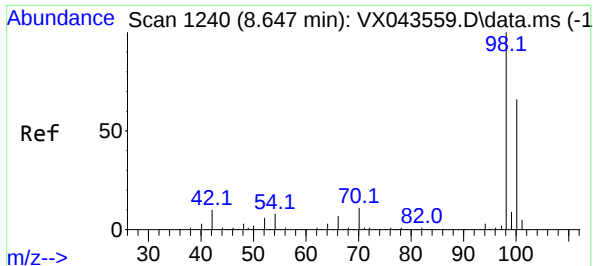
Tgt Ion: 75 Resp: 10693
Ion Ratio Lower Upper
75 100
110 11.5 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.513 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

Tgt Ion: 117 Resp: 14993
Ion Ratio Lower Upper
117 100
119 3.3 77.0 115.6#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 49.988 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043616.D

Acq: 30 Oct 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

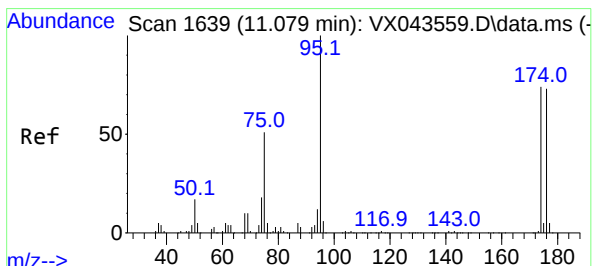
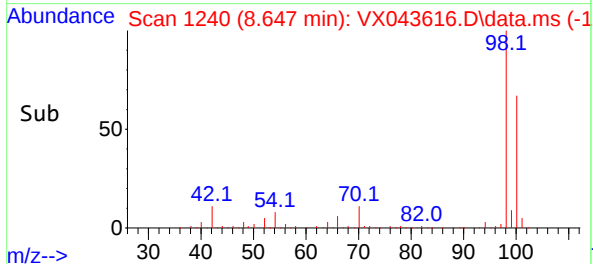
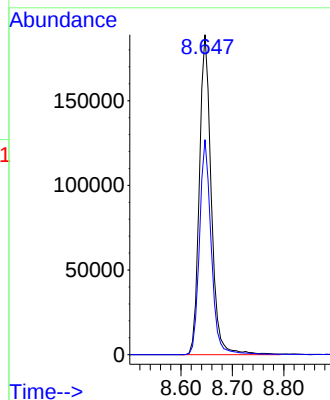
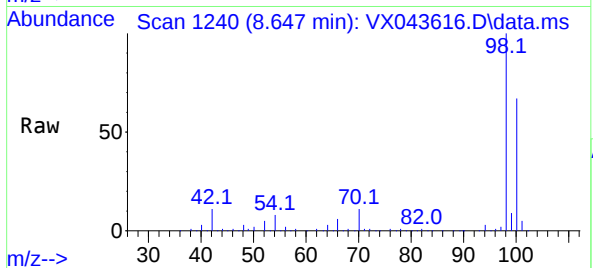
BP-VPB-190-GW-478-480

Tgt Ion: 98 Resp: 304017

Ion Ratio Lower Upper

98 100

100 66.4 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 47.242 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043616.D

Acq: 30 Oct 2024 12:06

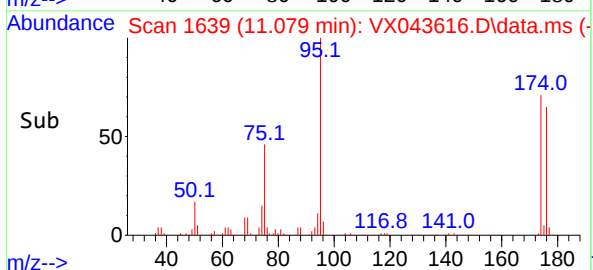
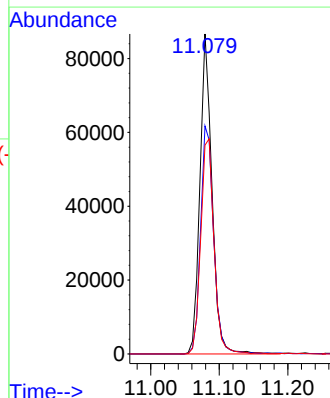
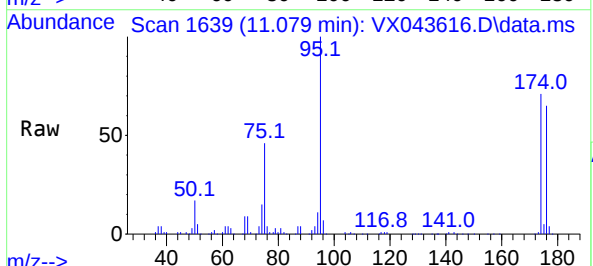
Tgt Ion: 95 Resp: 106465

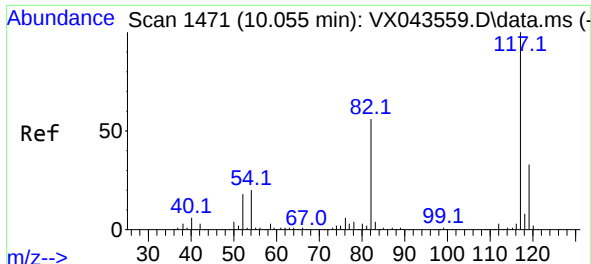
Ion Ratio Lower Upper

95 100

174 77.0 0.0 146.6

176 73.7 0.0 139.6

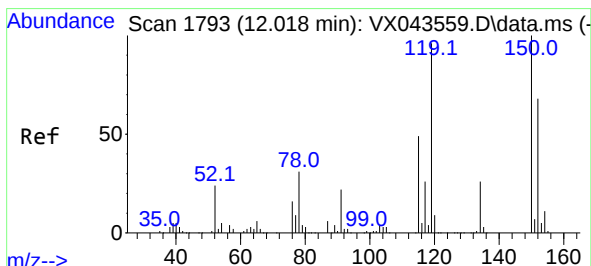
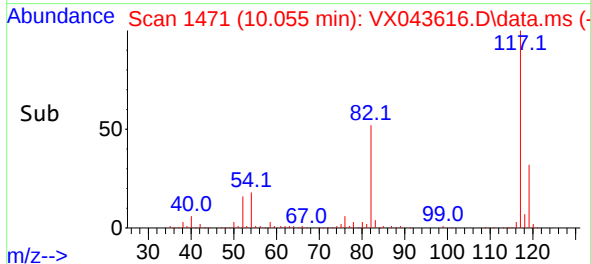
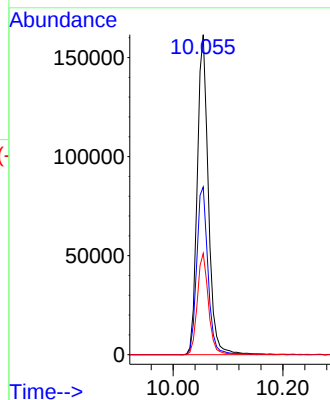
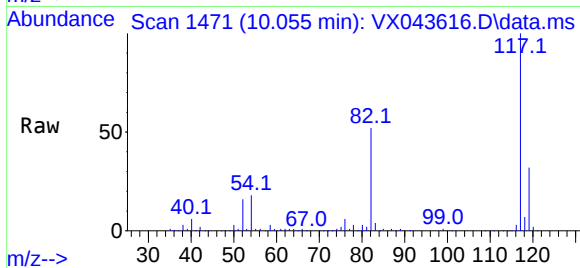




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

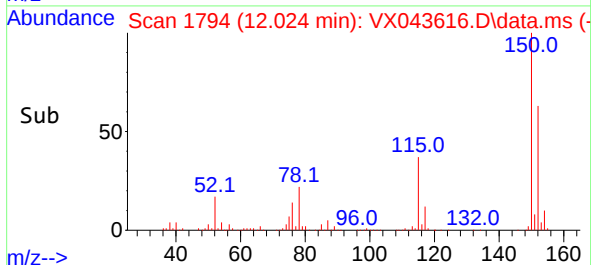
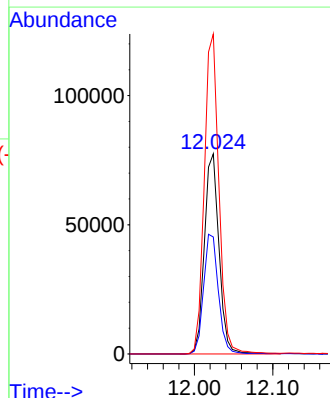
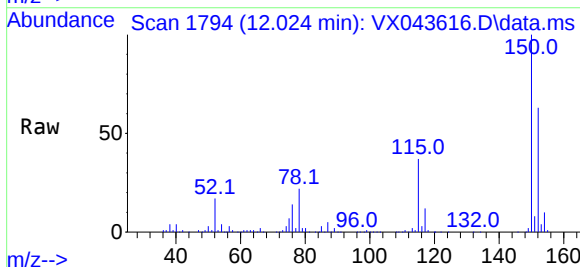
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-478-480

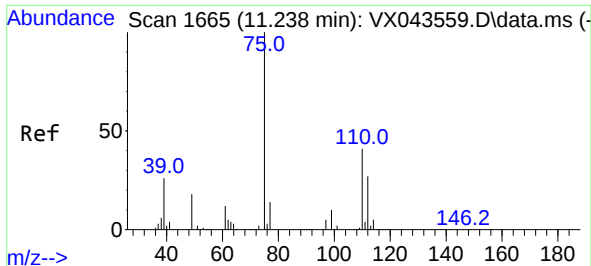
Tgt Ion:117 Resp: 228779
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

Tgt Ion:152 Resp: 100346
Ion Ratio Lower Upper
152 100
115 60.4 42.9 128.7
150 159.6 0.0 343.6

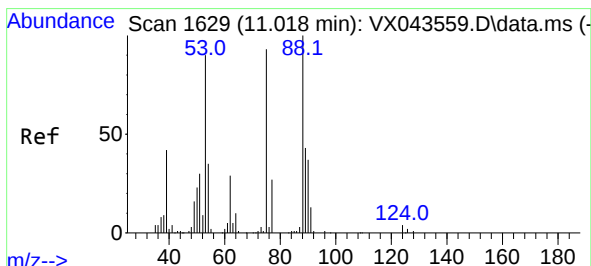
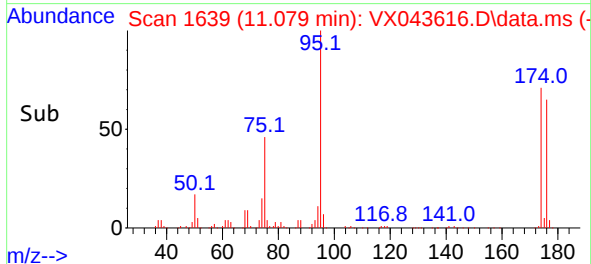
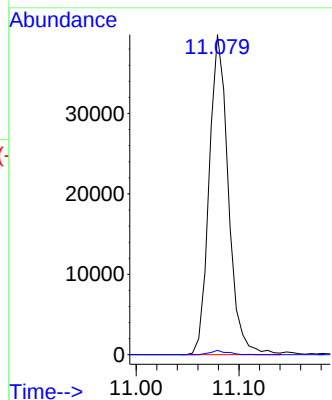
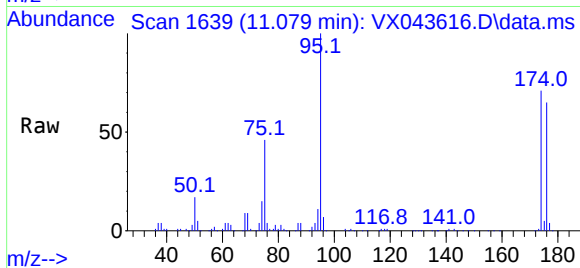




#76
1,2,3-Trichloropropane
Concen: 24.034 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-478-480

Tgt Ion: 75 Resp: 51566
Ion Ratio Lower Upper
75 100
77 1.2 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.119 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043616.D
Acq: 30 Oct 2024 12:06

Tgt Ion: 75 Resp: 51566
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

