

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120421\
 Data File : VX025530.D
 Acq On : 04 Dec 2021 18:28
 Operator : JC/MD
 Sample : M4923-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20211201

Quant Time: Dec 06 01:07:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : Sw846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

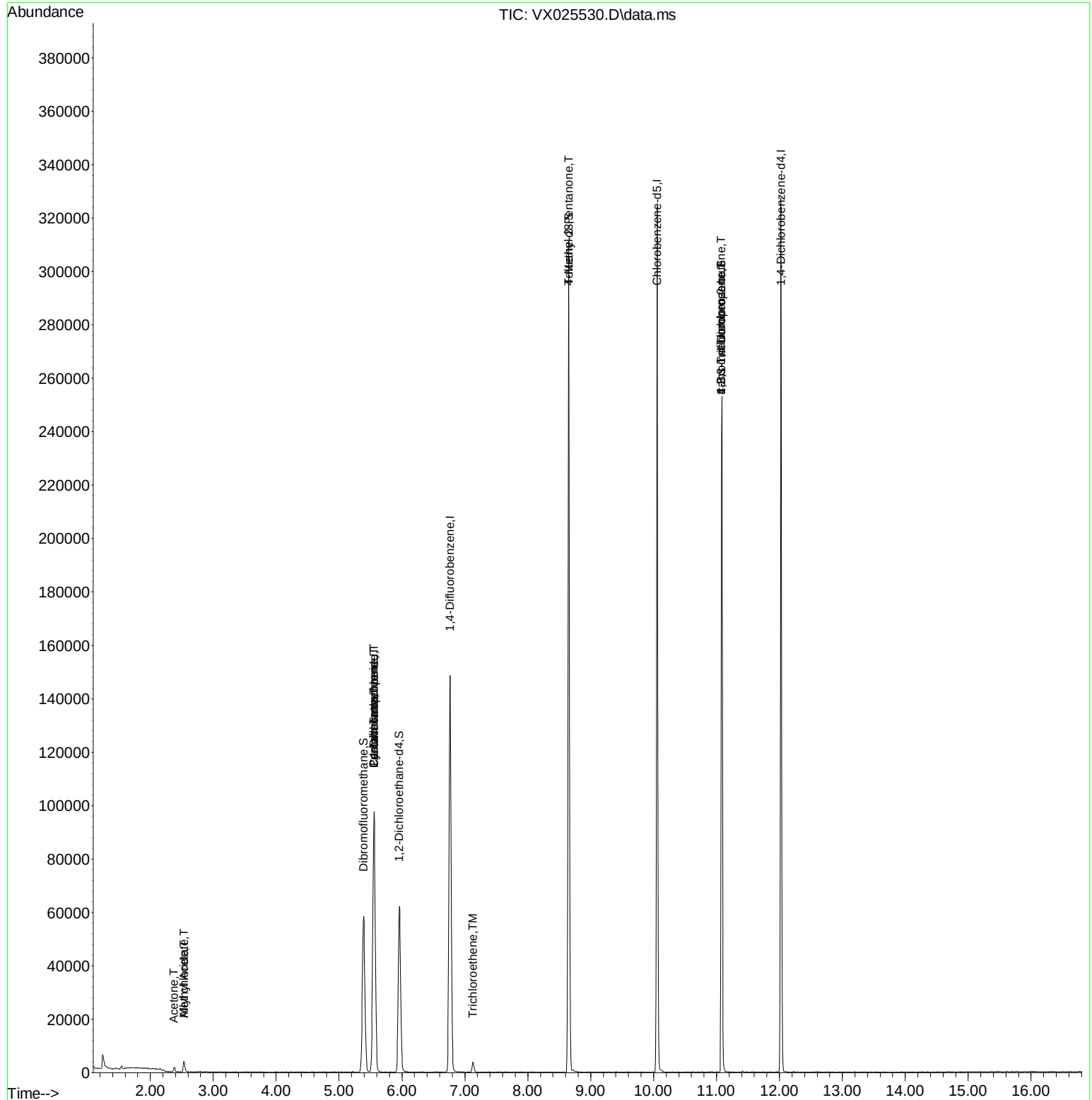
Internal Standards						
1) Pentafluorobenzene	5.556	168	96236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58058	57.23	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.46%			
35) Dibromofluoromethane	5.391	113	49798	49.96	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.92%			
50) Toluene-d8	8.653	98	187341	49.98	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.96%			
62) 4-Bromofluorobenzene	11.079	95	67896	47.88	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.76%			
Target Compounds						
					Qvalue	
14) Allyl chloride	2.538	41	403	0.25	ug/l #	56
16) Acetone	2.380	43	1940	3.44	ug/l	100
18) Methyl Acetate	2.538	43	1173	0.65	ug/l #	52
31) Cyclohexane	5.556	56	1779	1.13	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6796	4.79	ug/l #	48
38) Carbon Tetrachloride	5.556	117	9316	5.97	ug/l #	16
44) Trichloroethene	7.129	130	1703	1.37	ug/l	89
51) 4-Methyl-2-Pentanone	8.653	43	781	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32930	23.49	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32930	59.17	ug/l #	9

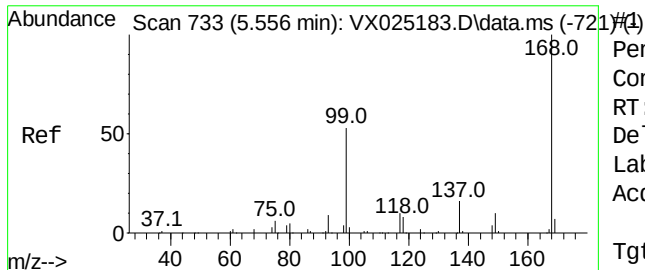
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.556 min Scan#

Delta R.T. -0.000 min

Lab File: VX025530.D

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Instrument :

MSVOA_X

ClientSampleId :

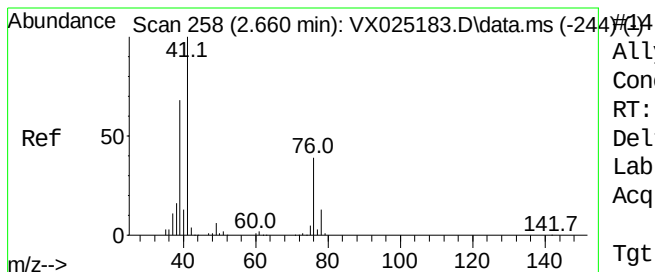
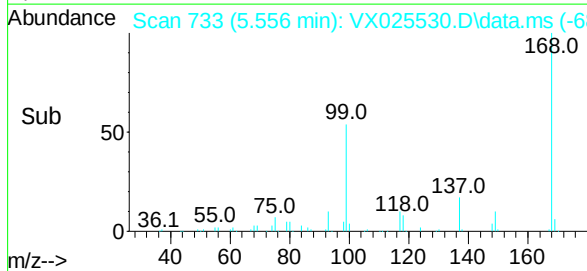
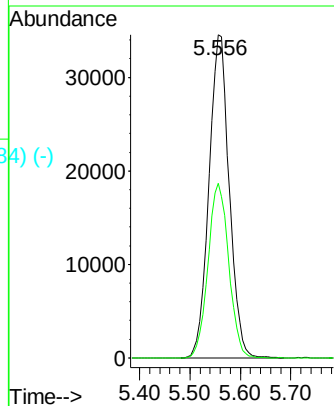
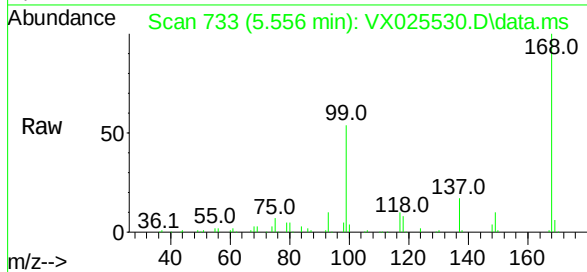
BPOW1-8-20211201

Tgt Ion:168 Resp: 96236

Ion Ratio Lower Upper

168 100

99 54.1 46.4 69.6



Allyl chloride

Concen: 0.25 ug/l

RT: 2.538 min Scan# 238

Delta R.T. -0.122 min

Lab File: VX025530.D

Acq: 04 Dec 2021 18:28

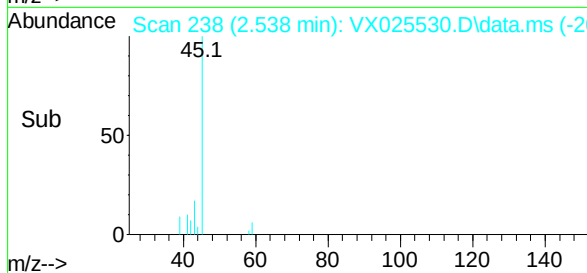
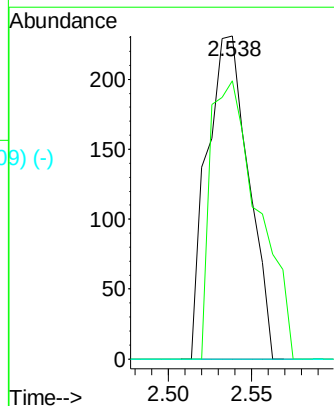
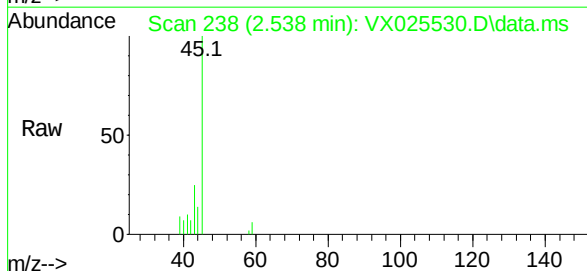
Tgt Ion: 41 Resp: 403

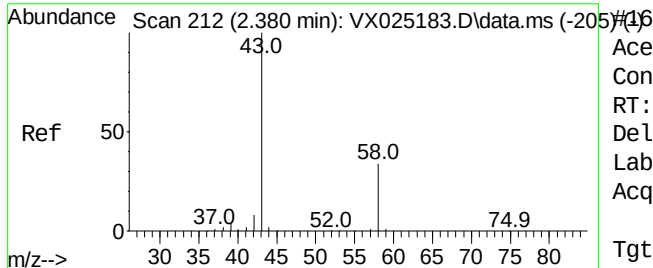
Ion Ratio Lower Upper

41 100

39 98.5 54.6 82.0#

76 0.0 25.3 37.9#





Acetone

Concen: 3.44 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025530.D

Acq: 04 Dec 2021 18:28

Instrument :

MSVOA_X

ClientSampleId :

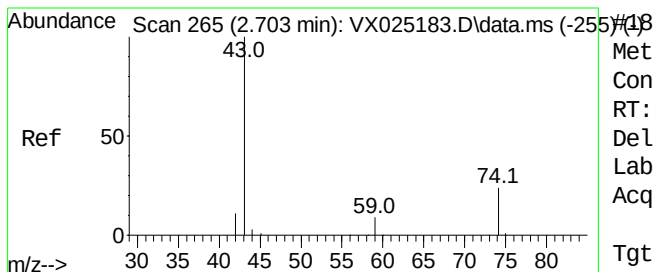
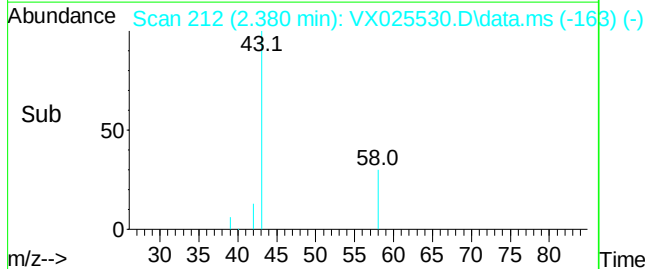
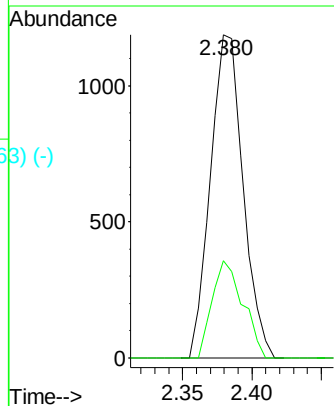
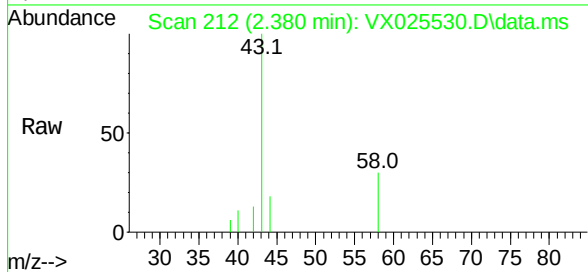
BPOW1-8-20211201

Tgt Ion: 43 Resp: 1940

Ion Ratio Lower Upper

43 100

58 30.1 24.0 36.0



Methyl Acetate

Concen: 0.65 ug/l

RT: 2.538 min Scan# 238

Delta R.T. -0.165 min

Lab File: VX025530.D

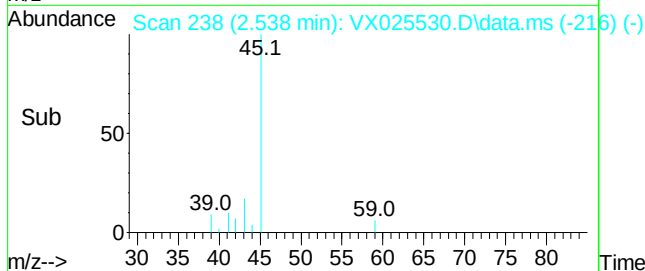
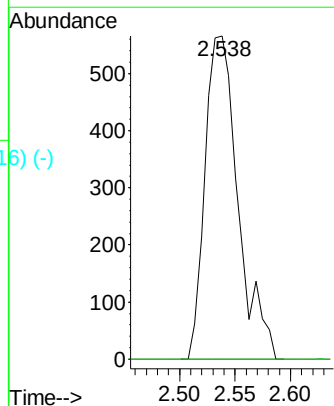
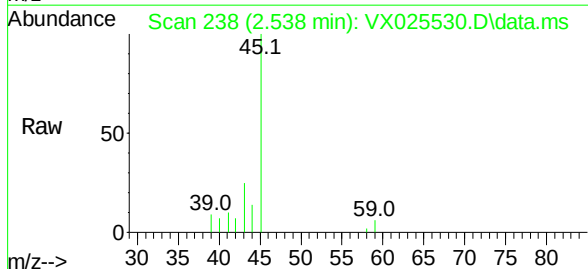
Acq: 04 Dec 2021 18:28

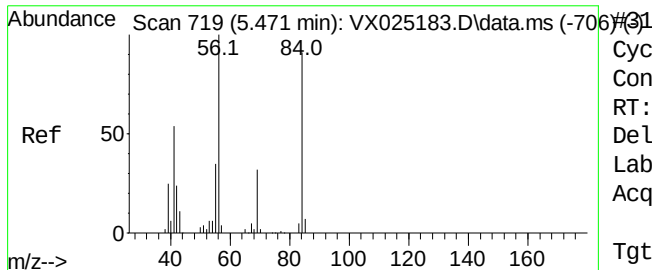
Tgt Ion: 43 Resp: 1173

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#





Cyclohexane

Concen: 1.13 ug/l

RT: 5.556 min Scan#

Delta R.T. 0.085 min

Lab File: VX025530.D

Acq: 04 Dec 2021 18:28

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-8-20211201

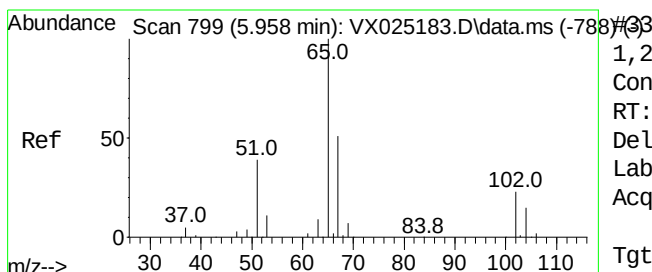
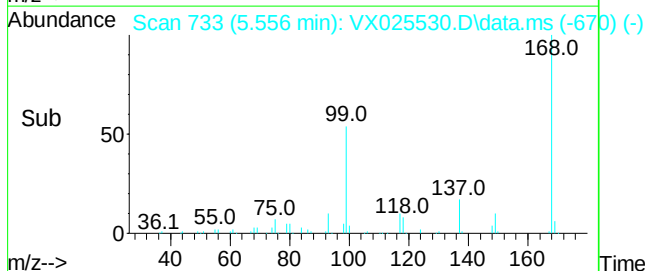
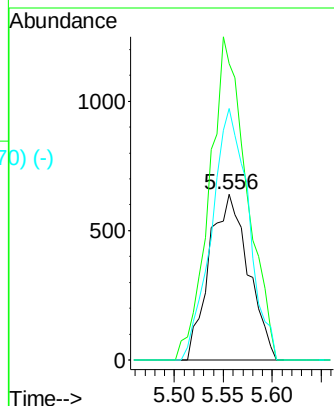
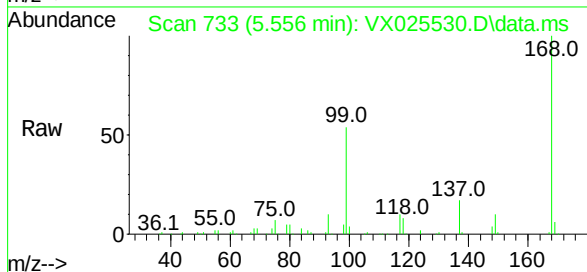
Tgt Ion: 56 Resp: 1779

Ion Ratio Lower Upper

56 100

69 178.6 24.2 36.2#

84 151.8 71.5 107.3#



1,2-Dichloroethane-d4

Concen: 57.23 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025530.D

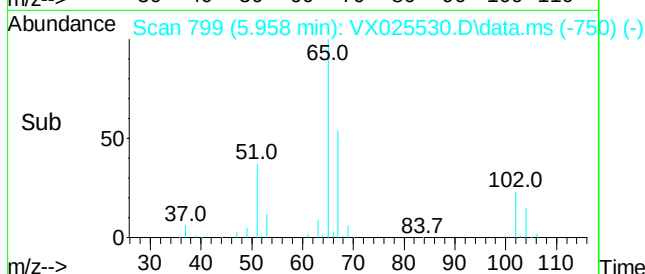
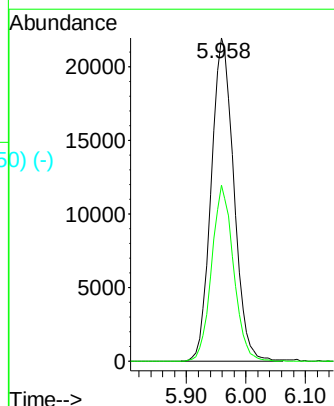
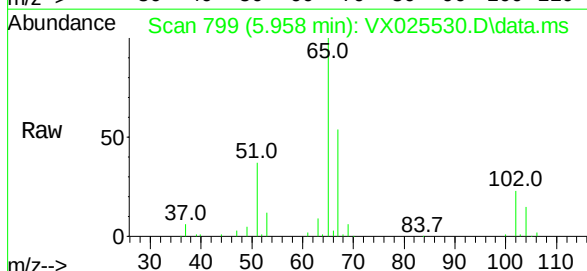
Acq: 04 Dec 2021 18:28

Tgt Ion: 65 Resp: 58058

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.0



Abundance Scan 931 (6.763 min): VX025183.D\data.ms (-920) #34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025530.D

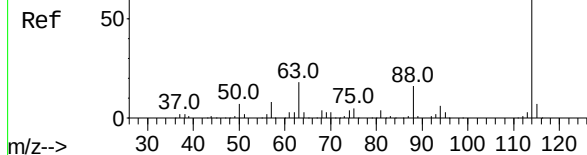
Acq: 04 Dec 2021 18:28

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-8-20211201



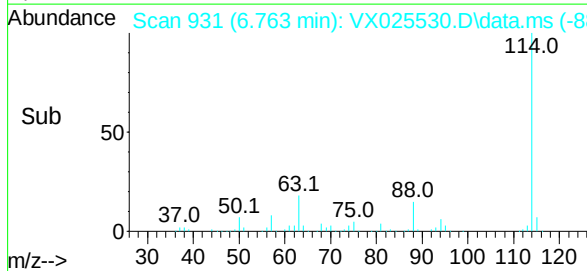
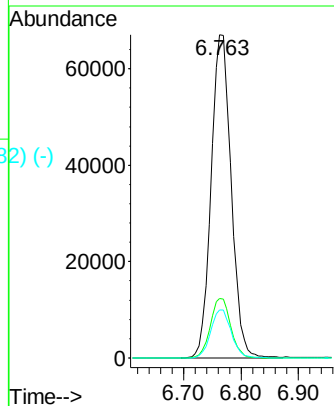
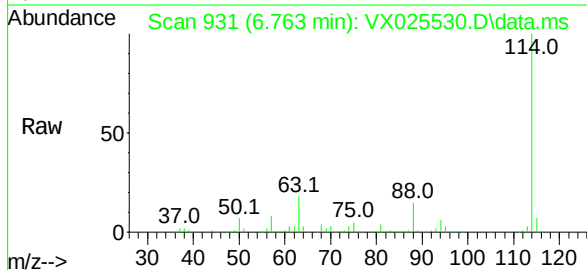
Tgt Ion:114 Resp: 162468

Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.0

88 14.9 0.0 34.8



Abundance Scan 705 (5.385 min): VX025183.D\data.ms (-693) #35

Dibromofluoromethane

Concen: 49.96 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025530.D

Acq: 04 Dec 2021 18:28

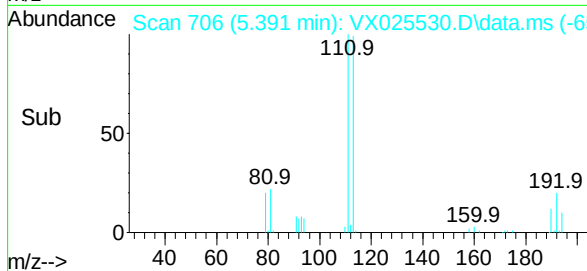
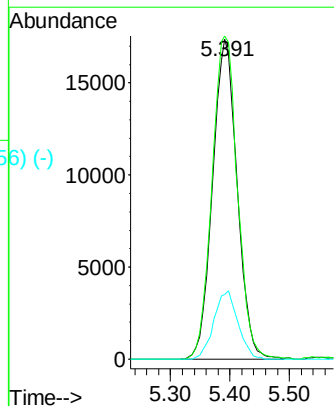
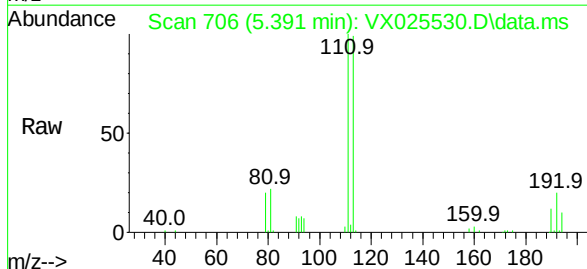
Tgt Ion:113 Resp: 49798

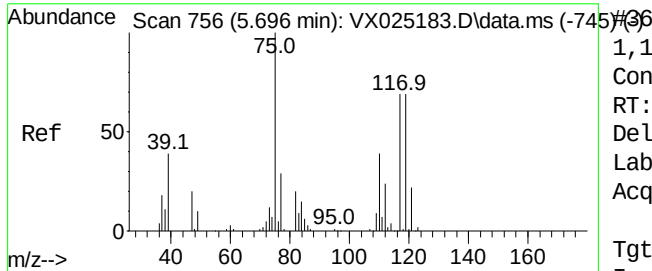
Ion Ratio Lower Upper

113 100

111 104.5 82.1 123.1

192 20.9 15.6 23.4

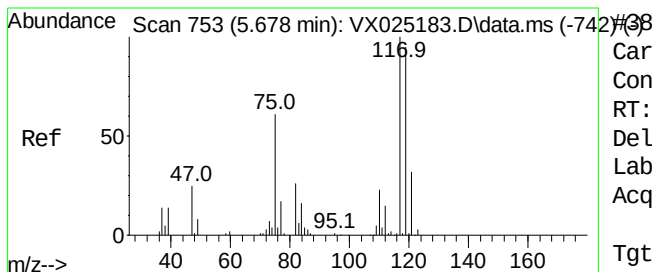
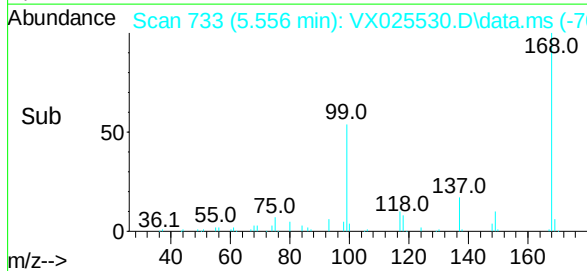
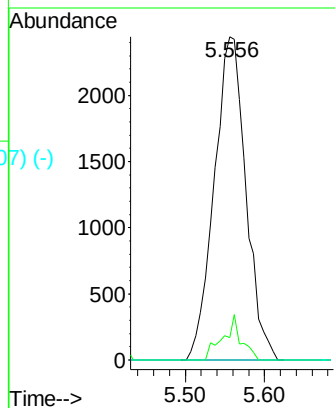
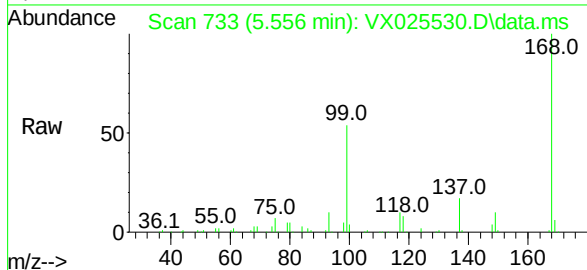




1,1-Dichloroprene
Concen: 4.79 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX025530.D
Acq: 04 Dec 2021 18:28

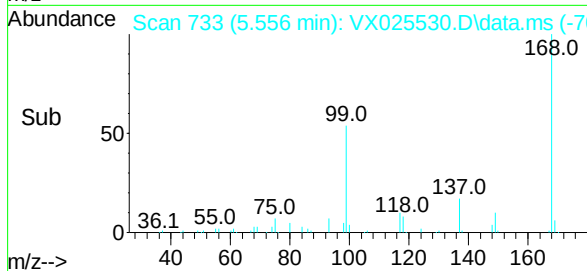
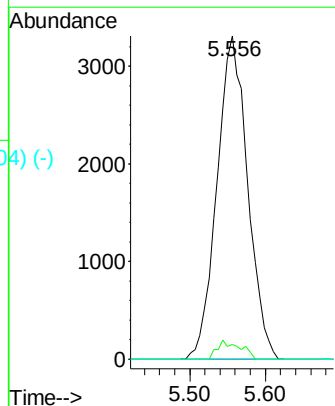
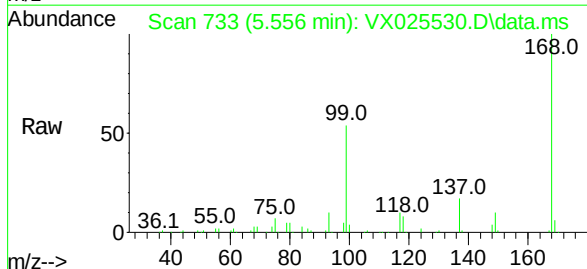
Instrument :
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Tgt Ion:	75	Resp:	6796
Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.3#
77	0.0	24.4	36.6#



Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX025530.D
Acq: 04 Dec 2021 18:28

Tgt Ion:	117	Resp:	9316
Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.6	113.4#
121	0.0	23.7	35.5#



Abundance Scan 991 (7.129 min): VX025183.D\data.ms (-981) #44

Trichloroethene

Concen: 1.37 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025530.D

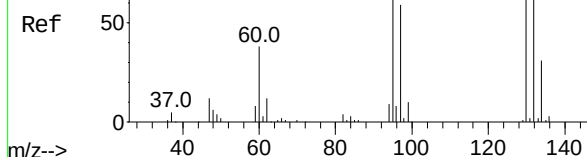
Acq: 04 Dec 2021 18:28

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-8-20211201

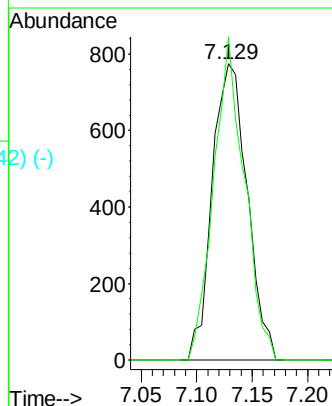
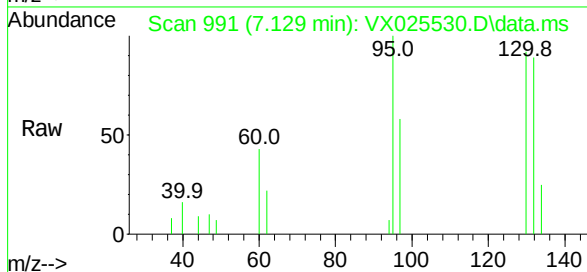


Tgt Ion:130 Resp: 1703

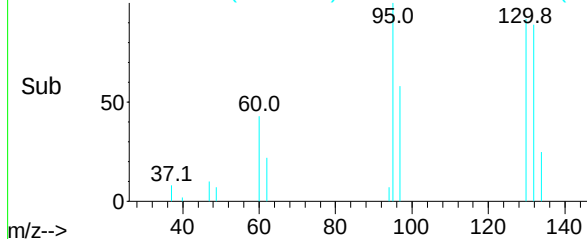
Ion Ratio Lower Upper

130 100

95 109.2 0.0 196.8



Abundance Scan 991 (7.129 min): VX025530.D\data.ms (-942) (-)



Abundance Scan 1241 (8.653 min): VX025183.D\data.ms (-1235) (-)

Toluene-d8

Concen: 49.98 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025530.D

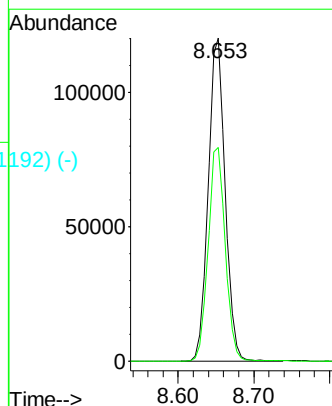
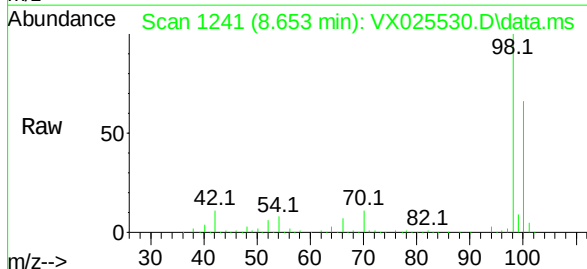
Acq: 04 Dec 2021 18:28

Tgt Ion: 98 Resp: 187341

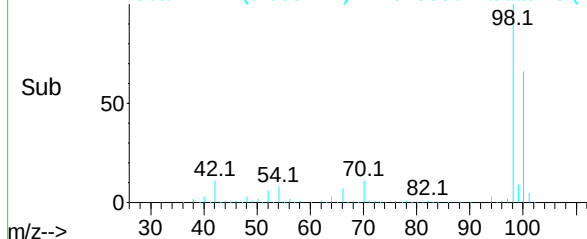
Ion Ratio Lower Upper

98 100

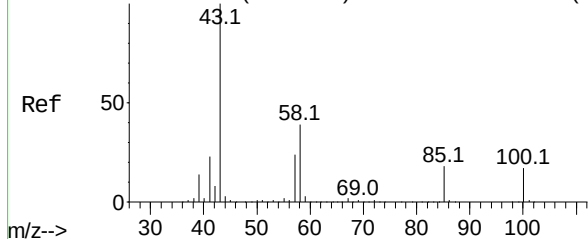
100 67.0 51.4 77.0



Abundance Scan 1241 (8.653 min): VX025530.D\data.ms (-1192) (-)



Abundance Scan 1228 (8.574 min): VX025183.D\data.ms (-1228) (-)



4-Methyl-2-Pentanone

Concen: 0.46 ug/l

RT: 8.653 min Scan#

Delta R.T. 0.079 min

Lab File: VX025530.D

Acq: 04 Dec 2021 18:28

Instrument :

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ClientSampleId :

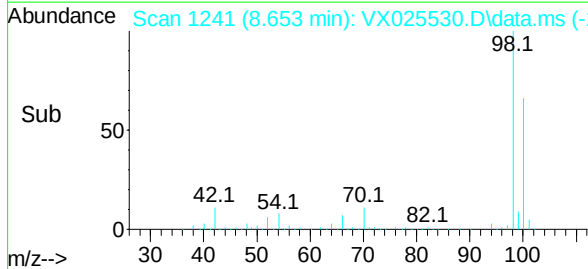
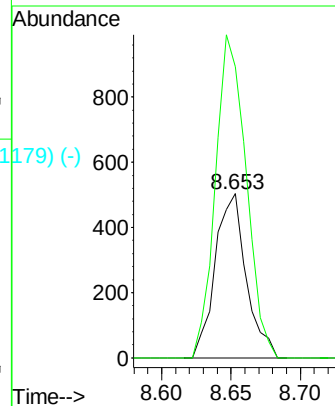
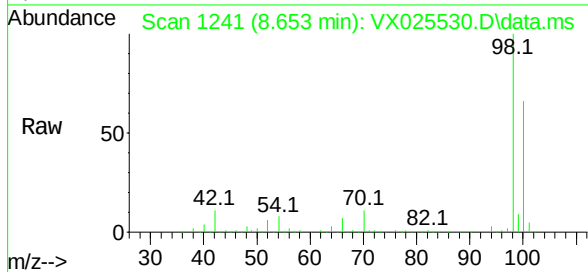
BPOW1-8-20211201

Tgt Ion: 43 Resp: 781

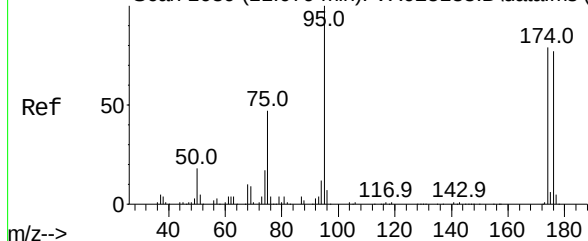
Ion Ratio Lower Upper

43 100

58 194.4 30.9 46.3#



Abundance Scan 1639 (11.079 min): VX025183.D\data.ms (-1639) (-)



4-Bromofluorobenzene

Concen: 47.88 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX025530.D

Acq: 04 Dec 2021 18:28

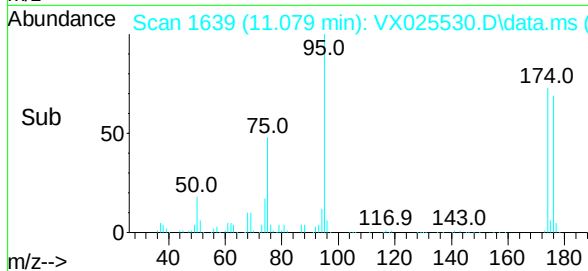
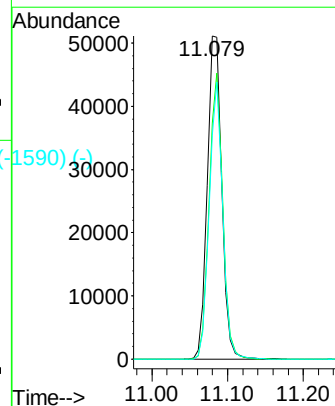
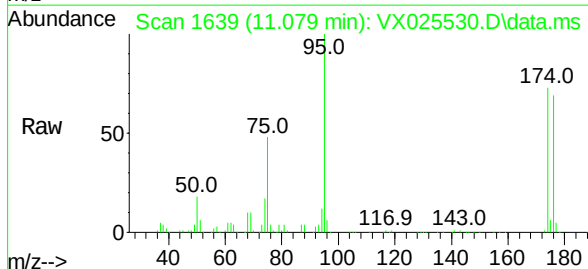
Tgt Ion: 95 Resp: 67896

Ion Ratio Lower Upper

95 100

174 83.5 0.0 158.0

176 80.0 0.0 153.6



Abundance Scan 1471 (10.055 min): VX025183.D\data.ms (-1468) (-)

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.055 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX025530.D

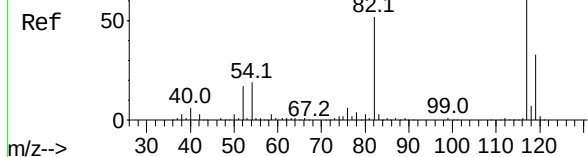
Acq: 04 Dec 2021 18:28

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-8-20211201



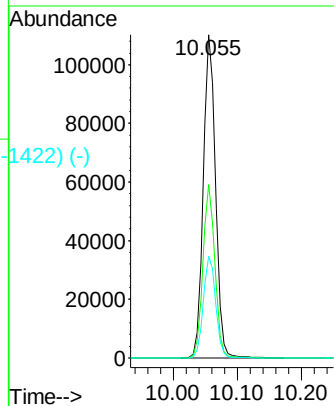
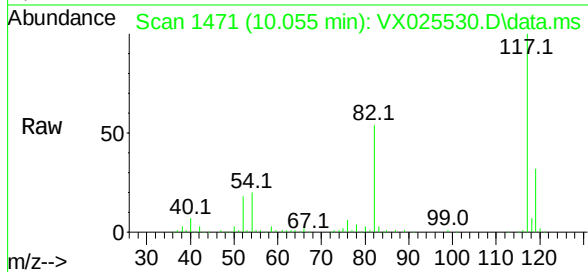
Tgt Ion:117 Resp: 148316

Ion Ratio Lower Upper

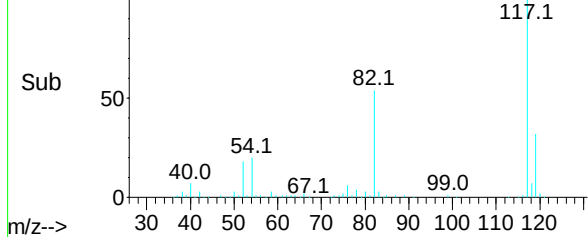
117 100

82 53.7 44.6 67.0

119 31.5 24.8 37.2



Abundance Scan 1471 (10.055 min): VX025530.D\data.ms (-1422) (-)



Abundance Scan 1794 (12.024 min): VX025183.D\data.ms (-1783) (-)

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX025530.D

Acq: 04 Dec 2021 18:28

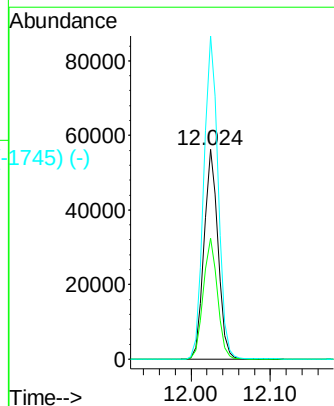
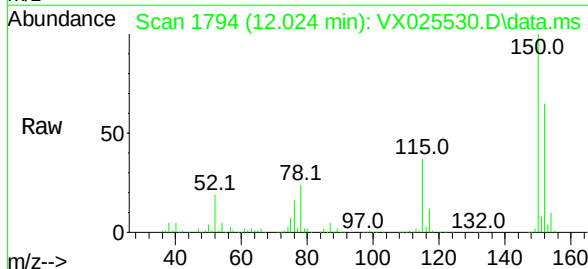
Tgt Ion:152 Resp: 68459

Ion Ratio Lower Upper

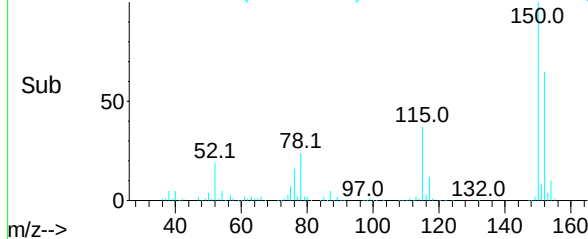
152 100

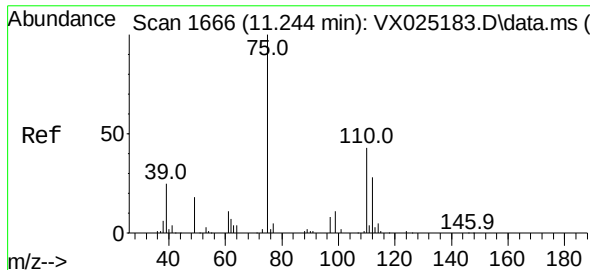
115 58.0 43.3 129.8

150 158.1 0.0 351.2



Abundance Scan 1794 (12.024 min): VX025530.D\data.ms (-1745) (-)

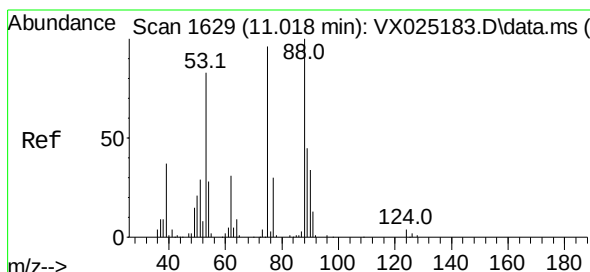
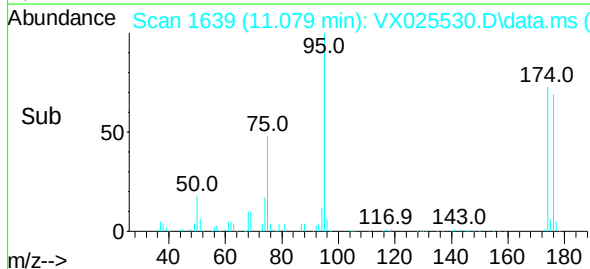
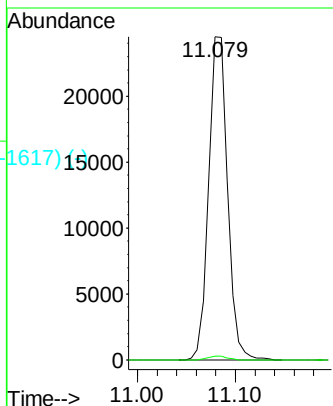
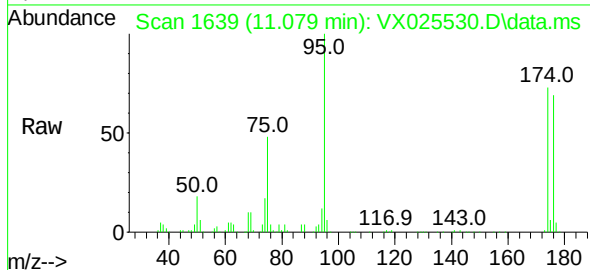




Scan 1666 (11.244 min): VX025183.D\data.ms (-1675)
 1,2,3-Trichloropropane
 Concen: 23.49 ug/l
 RT: 11.079 min Scan# 1675
 Delta R.T. -0.165 min
 Lab File: VX025530.D
 Acq: 04 Dec 2021 18:28

Instrument : MSVOA_X
 ClientSampleId : BPOW1-8-20211201

Tgt Ion: 75 Resp: 32930
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.0 59.9#



Scan 1629 (11.018 min): VX025183.D\data.ms (-1624)
 trans-1,4-Dichloro-2-butene
 Concen: 59.17 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX025530.D
 Acq: 04 Dec 2021 18:28

Tgt Ion: 75 Resp: 32930
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.9 122.9#
 89 0.0 38.2 57.2#

