

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019557.D
 Acq On : 23 Nov 2020 17:49
 Operator : JC/MD
 Sample : L4839-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B1-GW

Quant Time: Nov 24 04:33:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	340915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	550056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	460226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	202420	45.79	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.58%		
35) Dibromofluoromethane	5.46	113	162158	46.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.94%		
50) Toluene-d8	8.70	98	634775	47.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.62%		
62) 4-Bromofluorobenzene	11.12	95	210674	43.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.28%		

Target Compounds

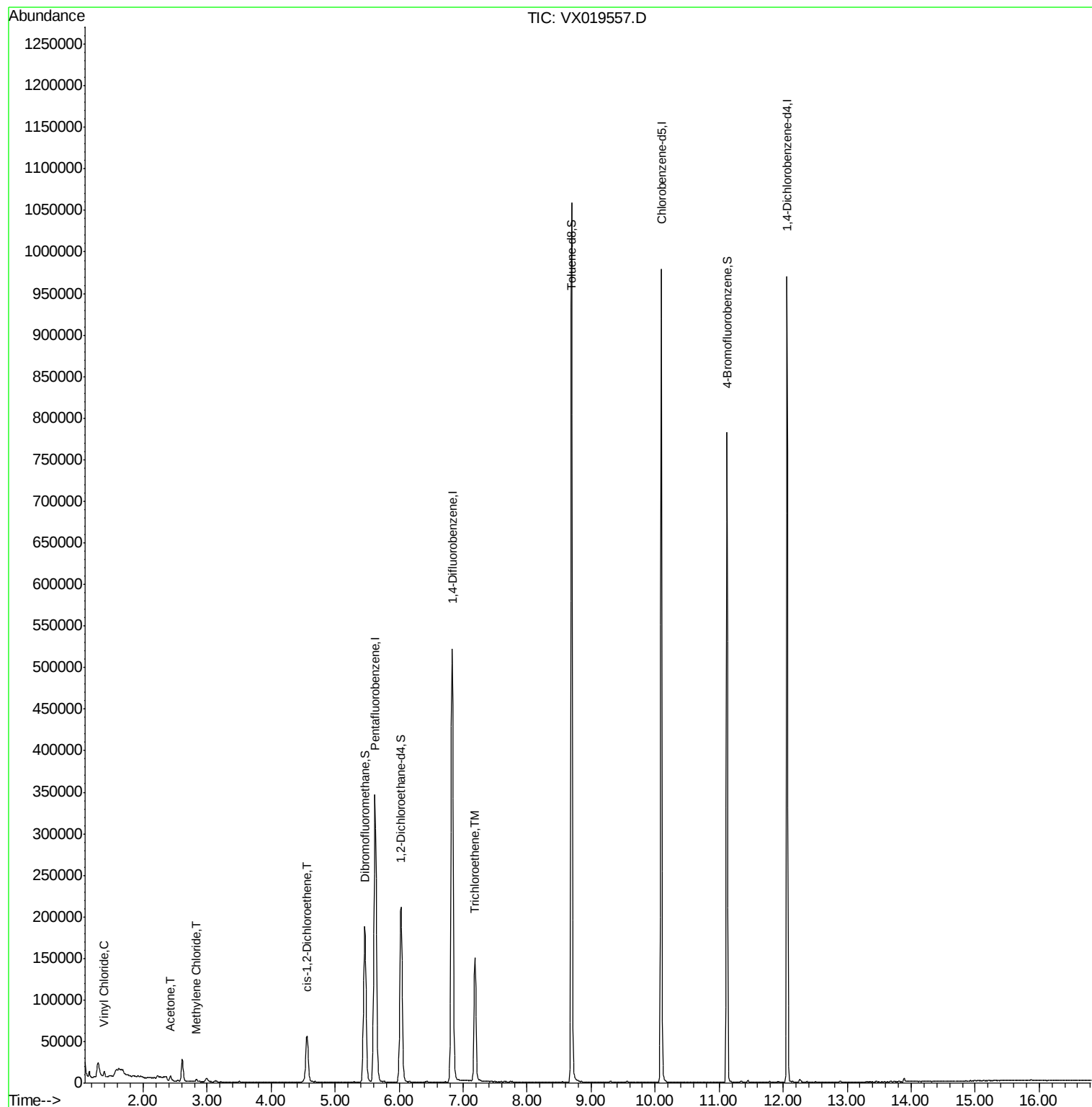
					Qvalue
4) Vinyl Chloride	1.39	62	3269	0.798 ug/l	91
16) Acetone	2.43	43	5294	3.097 ug/l	99
20) Methylene Chloride	2.83	84	1405	0.329 ug/l #	87
27) cis-1,2-Dichloroethene	4.56	96	37299	8.468 ug/l	96
44) Trichloroethene	7.18	130	57583	13.875 ug/l	95

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019557.D

Acq: 23 Nov 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

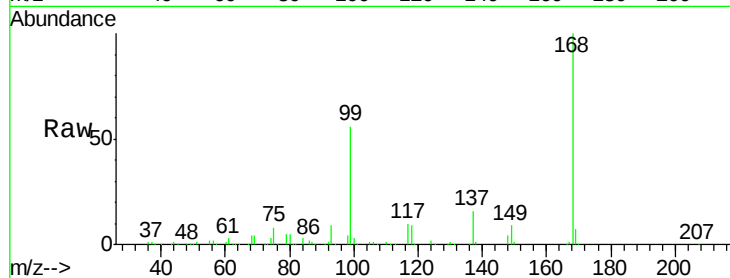
B1-GW

Tot Ion:168 Resp: 340915

Ion Ratio Lower Upper

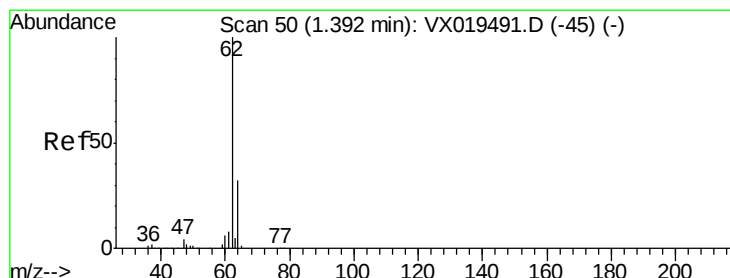
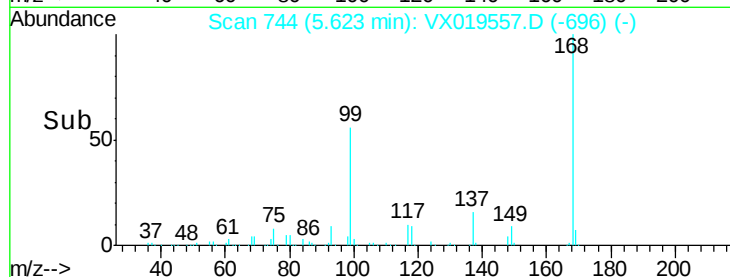
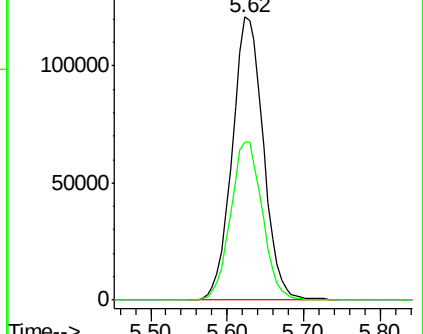
168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.798 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019557.D

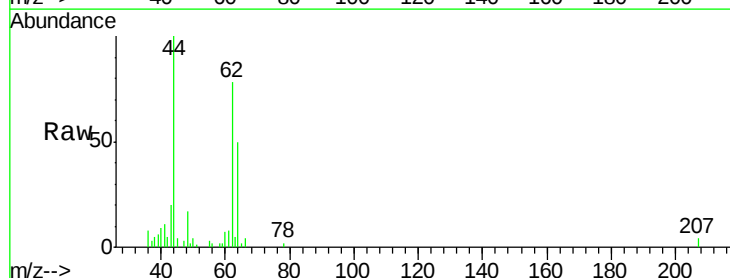
Acq: 23 Nov 2020 17:49

Tgt Ion: 62 Resp: 3269

Ion Ratio Lower Upper

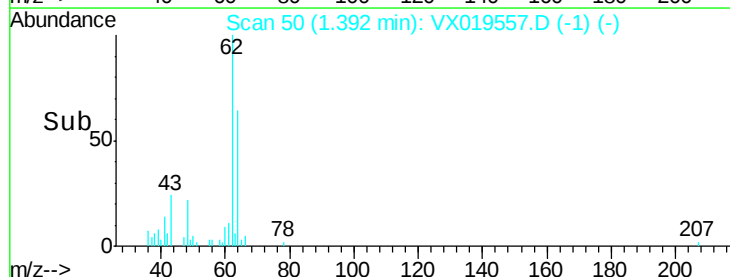
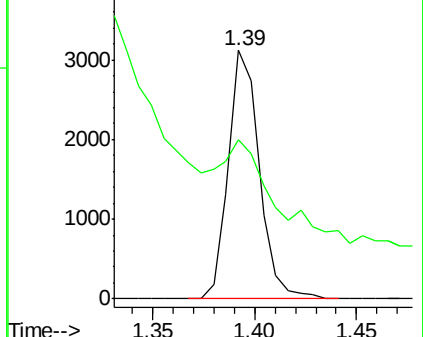
62 100

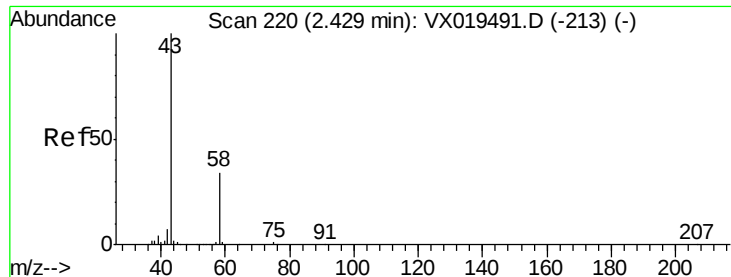
64 36.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 3.097 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019557.D

Acq: 23 Nov 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

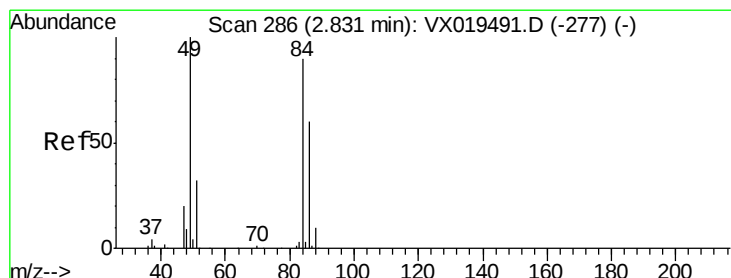
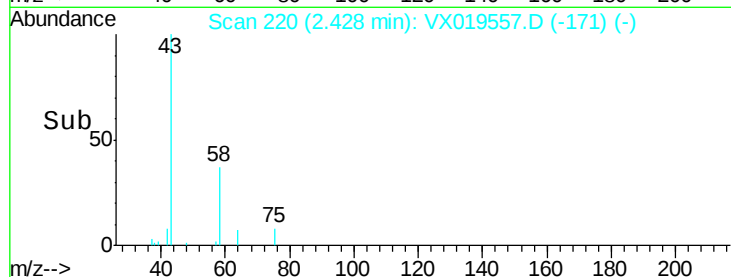
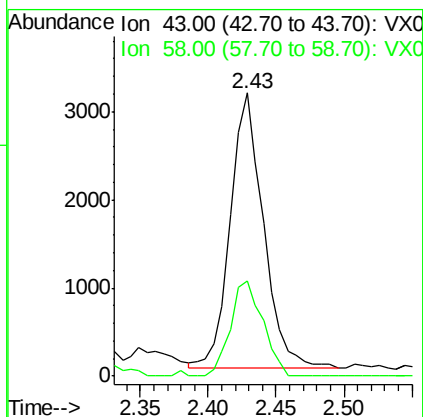
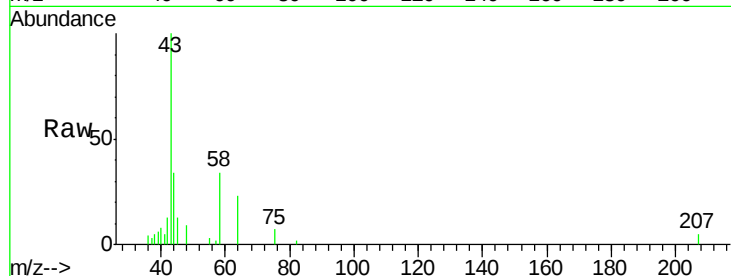
B1-GW

Tot Ion: 43 Resp: 5294

Ion Ratio Lower Upper

43 100

58 34.6 27.4 41.2



#20

Methylene Chloride

Concen: 0.329 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019557.D

Acq: 23 Nov 2020 17:49

Tgt Ion: 84 Resp: 1405

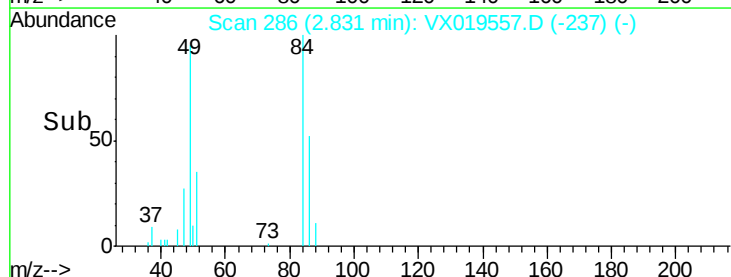
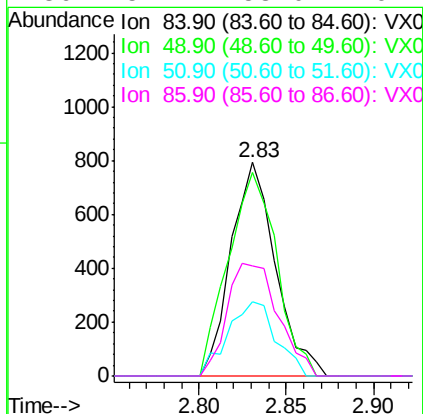
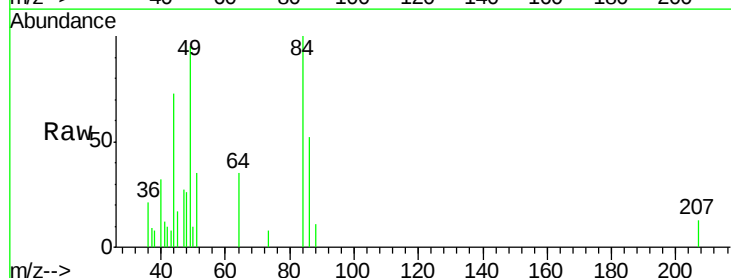
Ion Ratio Lower Upper

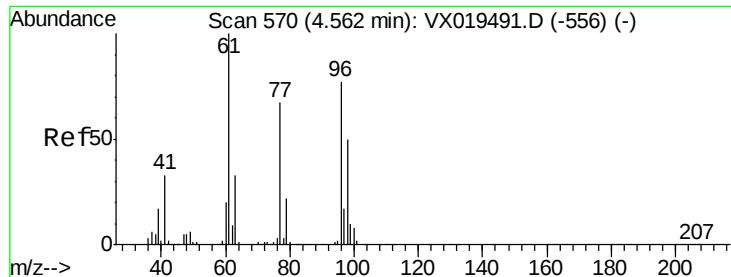
84 100

49 95.3 88.5 132.7

51 34.8 28.0 42.0

86 51.7 53.0 79.4#



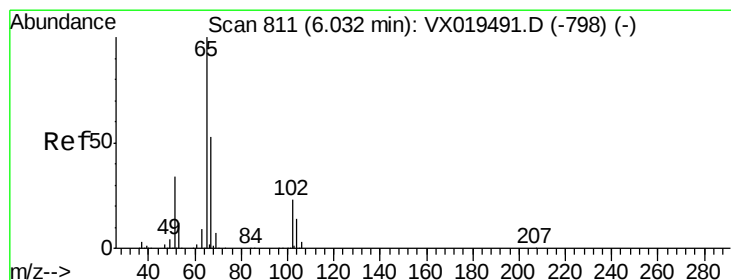
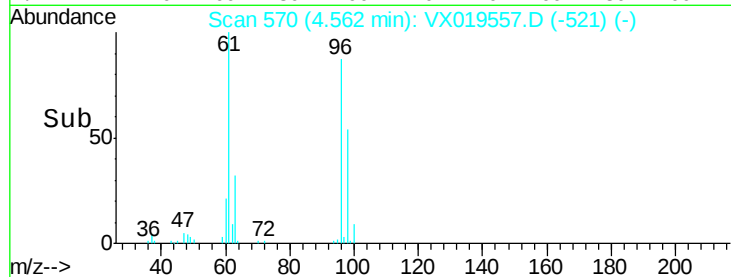
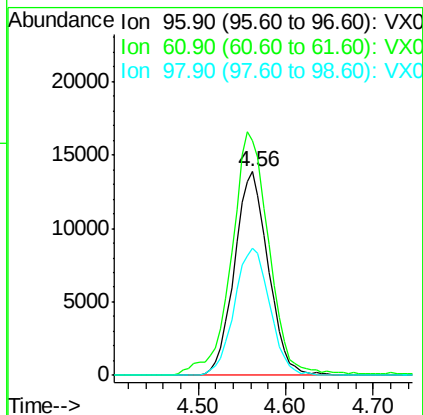
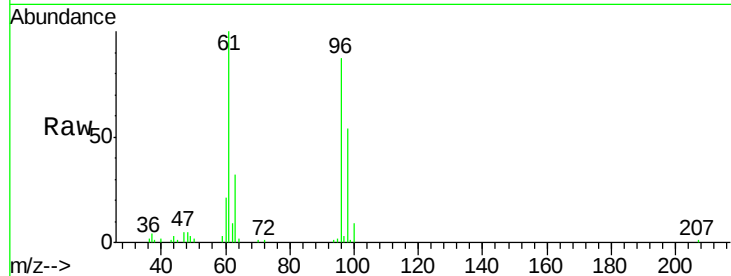


#27

cis-1,2-Dichloroethene
 Concen: 8.468 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019557.D
 Acq: 23 Nov 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 B1-GW

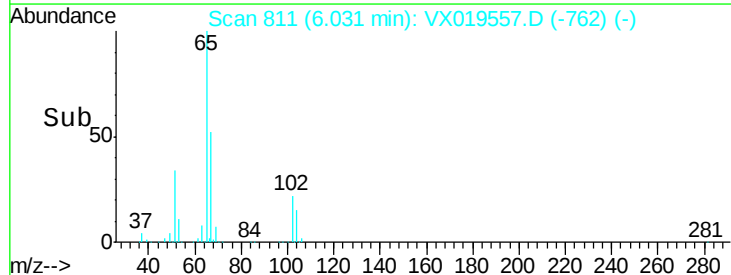
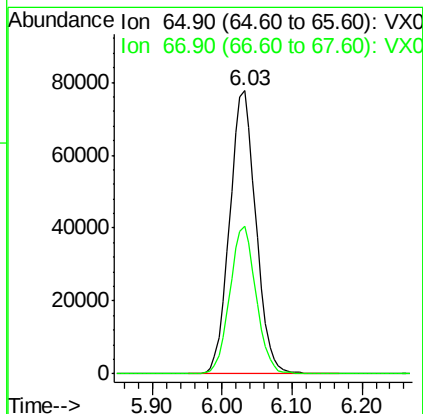
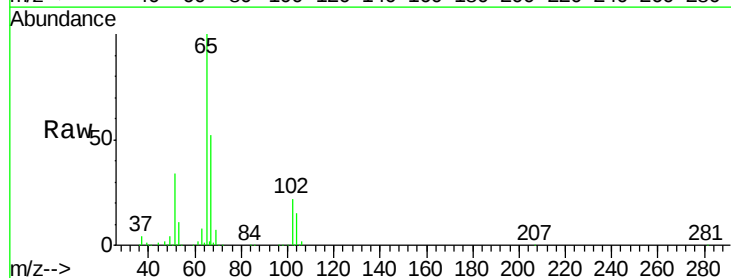
Tot Ion	96	Resp	37299
Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	279.2
98	65.2	0.0	129.8

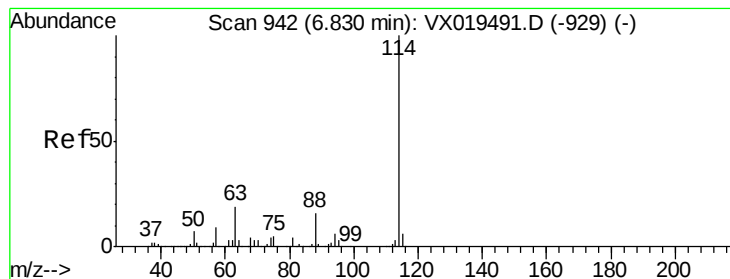


#33

1,2-Dichloroethane-d4
 Concen: 45.794 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019557.D
 Acq: 23 Nov 2020 17:49

Tgt Ion	65	Resp	202420
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019557.D

Acq: 23 Nov 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

B1-GW

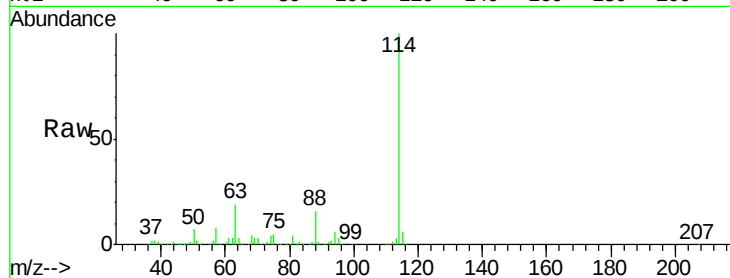
Tot Ion:114 Resp: 550056

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.8

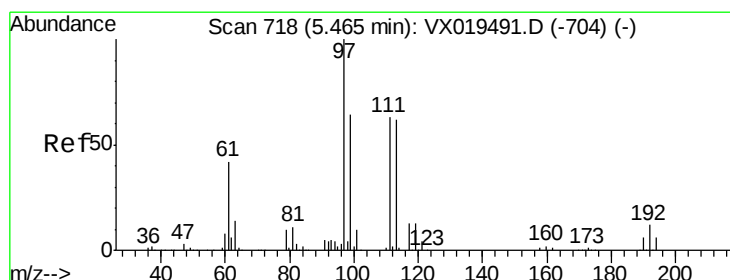
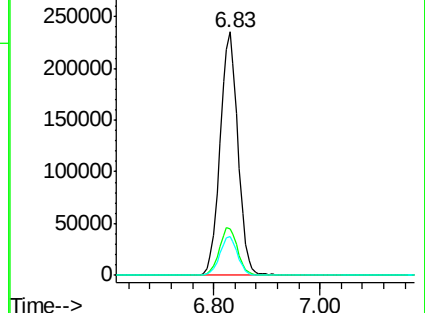
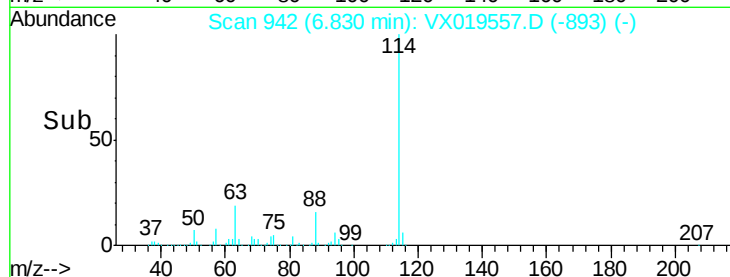
88 15.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.966 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019557.D

Acq: 23 Nov 2020 17:49

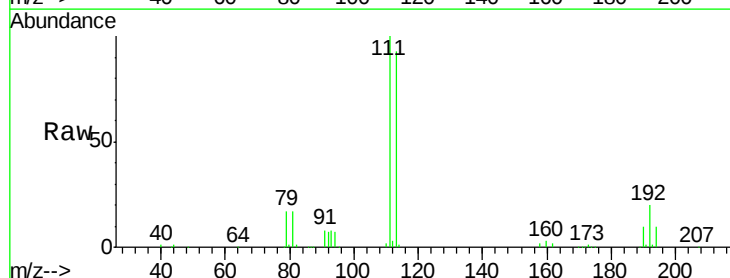
Tgt Ion:113 Resp: 162158

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

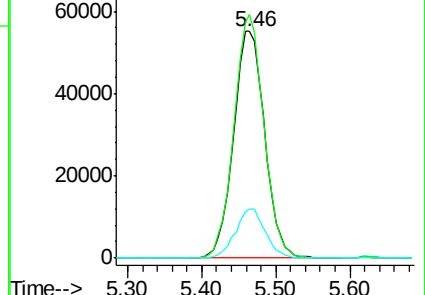
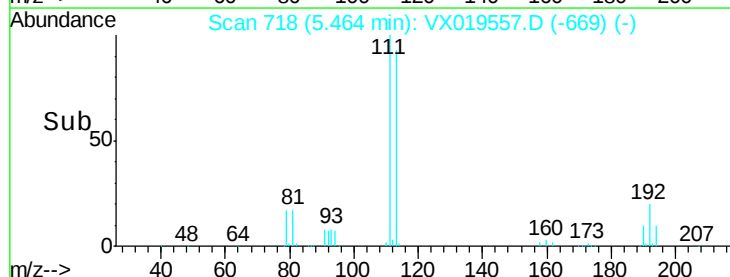
192 20.9 16.2 24.2

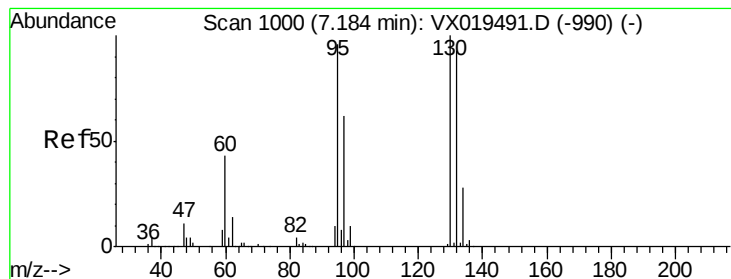


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 13.875 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019557.D

Acq: 23 Nov 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

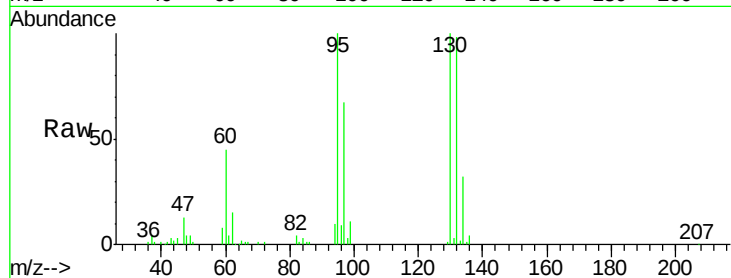
B1-GW

Tot Ion:130 Resp: 57583

Ion Ratio Lower Upper

130 100

95 100.4 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

30000

25000

20000

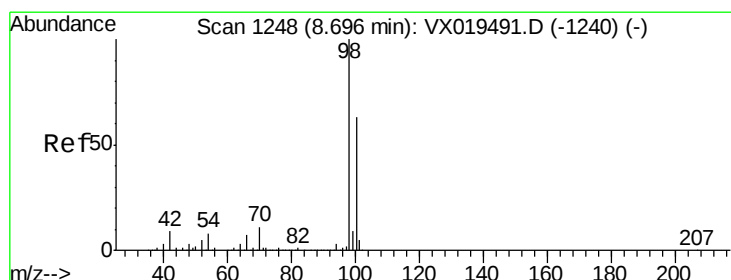
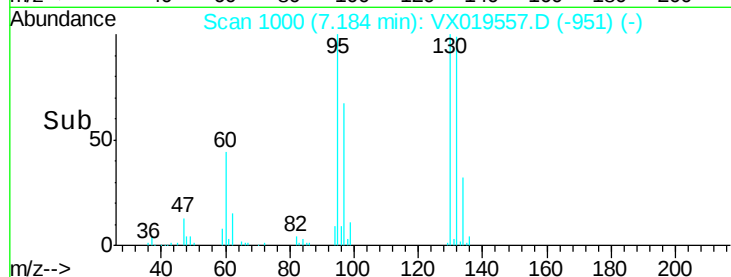
15000

10000

5000

0

Time-->



#50

Toluene-d8

Concen: 47.312 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019557.D

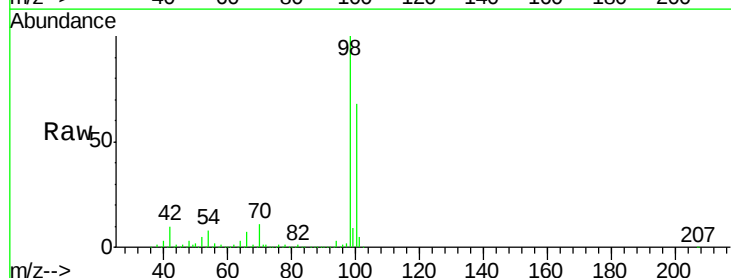
Acq: 23 Nov 2020 17:49

Tgt Ion: 98 Resp: 634775

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

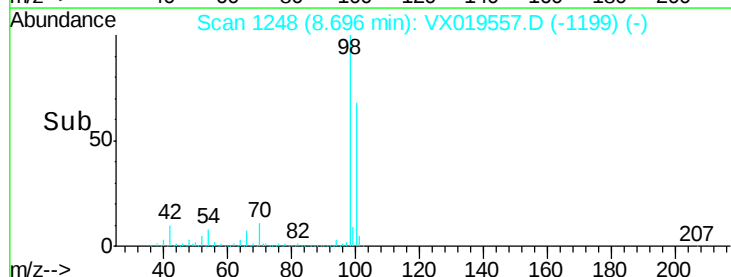
300000

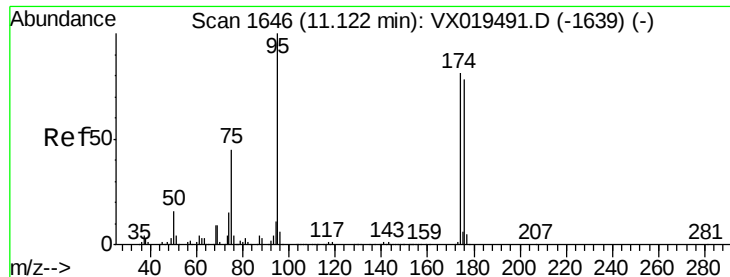
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 43.643 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019557.D

Acq: 23 Nov 2020 17:49

Instrument :

MSVOA_X

ClientSampled :

B1-GW

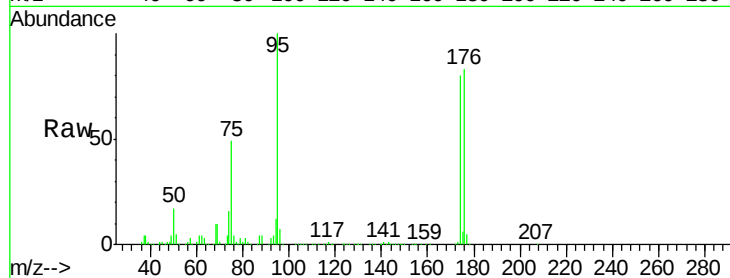
Tot Ion: 95 Resp: 210674

Ion Ratio Lower Upper

95 100

174 78.6 0.0 156.2

176 77.2 0.0 151.4

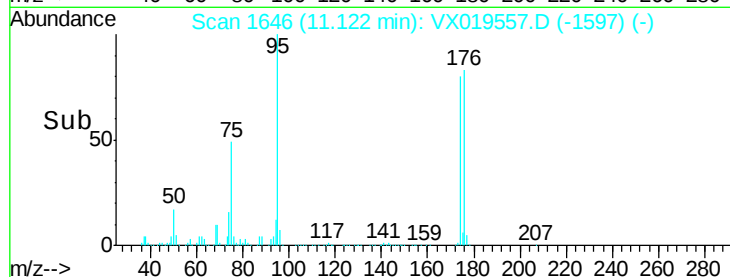


Abundance Ion 94.90 (94.60 to 95.60): VX019491.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019491.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019491.D (-1639) (-)

Time-->

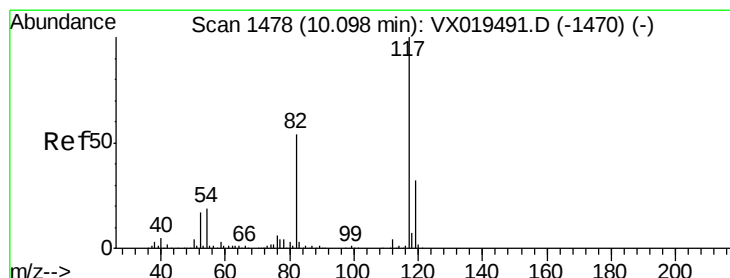


Abundance Ion 94.90 (94.60 to 95.60): VX019557.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019557.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019557.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019557.D

Acq: 23 Nov 2020 17:49

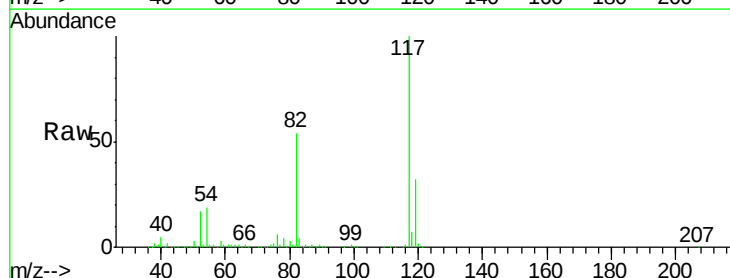
Tgt Ion: 117 Resp: 460226

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.4

119 32.3 25.6 38.4

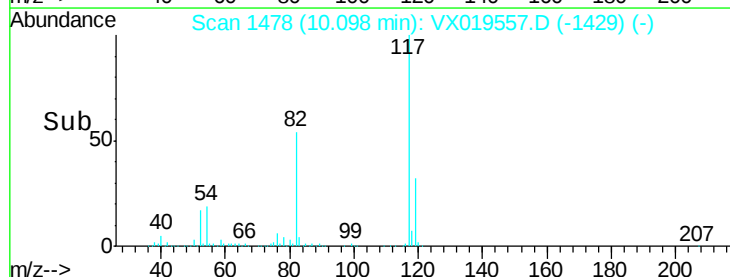


Abundance Ion 116.90 (116.60 to 117.60): VX019491.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019491.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019491.D (-1470) (-)

Time-->

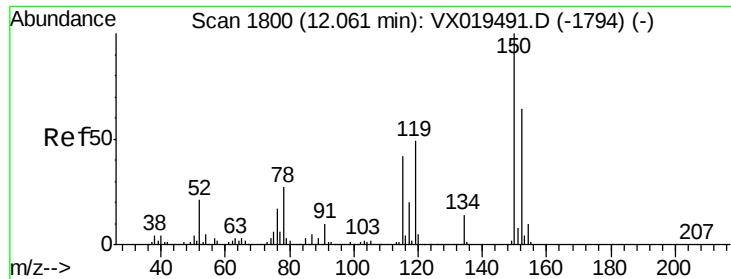


Abundance Ion 116.90 (116.60 to 117.60): VX019557.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX019557.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX019557.D (-1429) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019557.D

Acq: 23 Nov 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

B1-GW

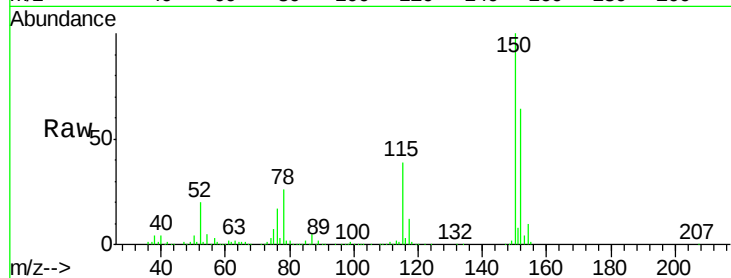
Tot Ion:152 Resp: 194018

Ion Ratio Lower Upper

152 100

115 59.9 41.8 125.4

150 157.9 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

