

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019558.D
 Acq On : 23 Nov 2020 18:12
 Operator : JC/MD
 Sample : L4839-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B2-GW

Quant Time: Nov 24 04:35:19 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	5.63	168	305708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	494636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182414	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	183966	46.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.82%
35) Dibromofluoromethane	5.46	113	146993	47.34	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.68%
50) Toluene-d8	8.70	98	570256	47.27	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.54%
62) 4-Bromofluorobenzene	11.12	95	198283	45.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.36%

Target Compounds

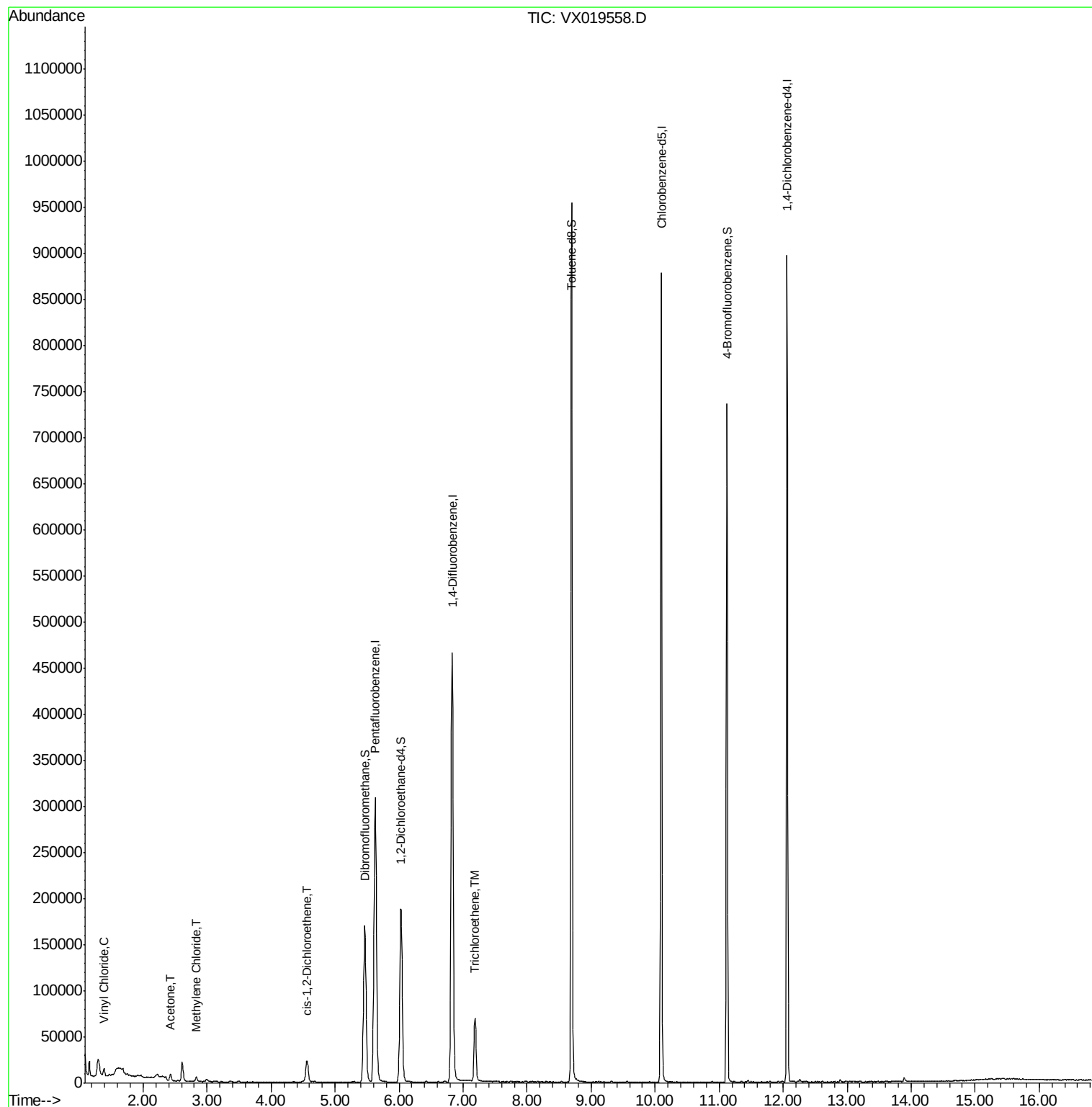
					Qvalue
4) Vinyl Chloride	1.39	62	1348	0.367 ug/l #	15
16) Acetone	2.43	43	7676	5.008 ug/l	99
20) Methylene Chloride	2.82	84	2346	0.612 ug/l	88
27) cis-1,2-Dichloroethene	4.56	96	15077	3.817 ug/l	95
44) Trichloroethene	7.18	130	26724	7.161 ug/l	95

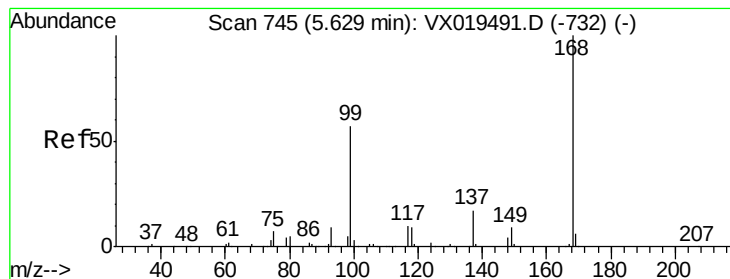
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 04:35:19 2020
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: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019558.D

Acq: 23 Nov 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

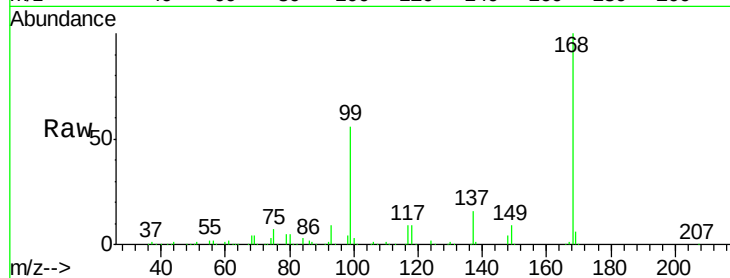
B2-GW

Tot Ion:168 Resp: 305708

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

5.63

120000

100000

80000

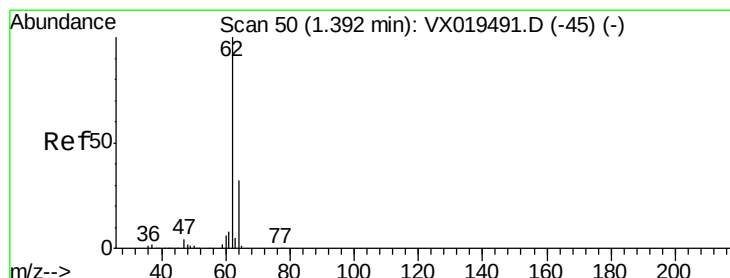
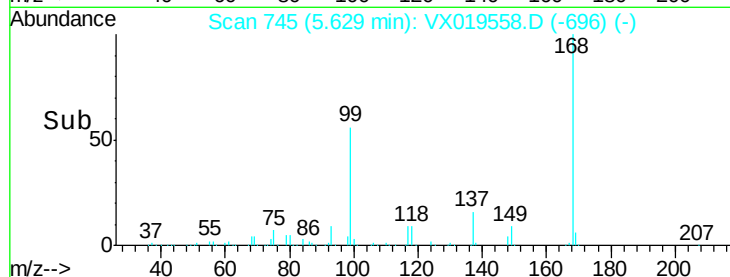
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.367 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019558.D

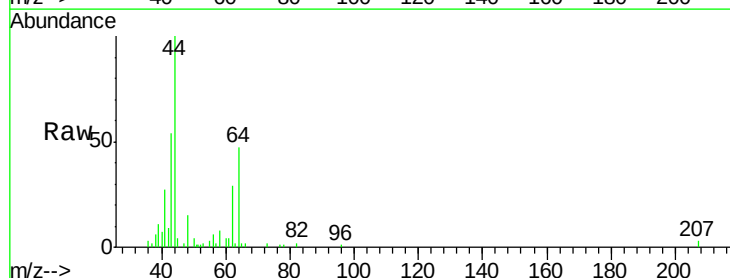
Acq: 23 Nov 2020 18:12

Tgt Ion: 62 Resp: 1348

Ion Ratio Lower Upper

62 100

64 79.0 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

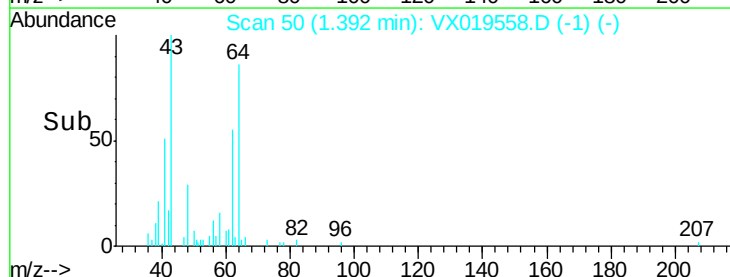
3000

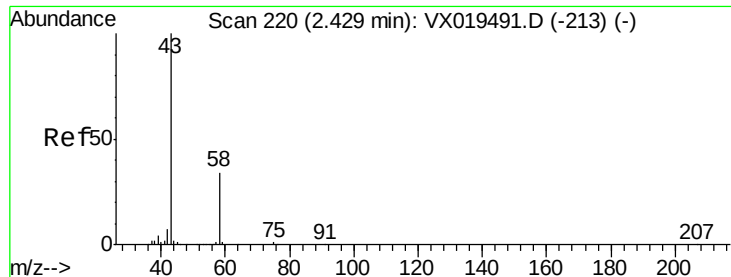
2000

1000

0

Time-->

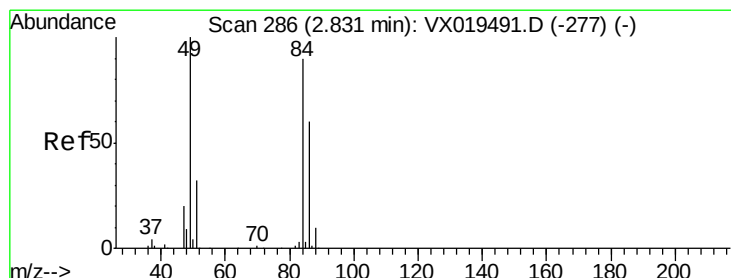
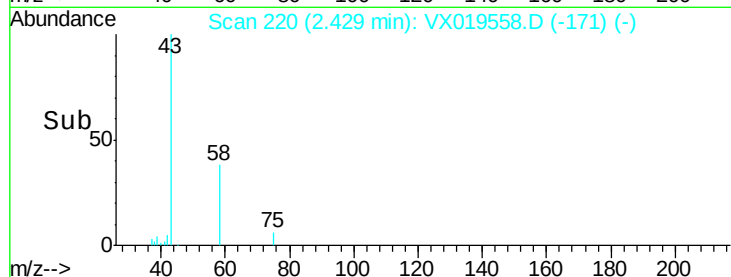
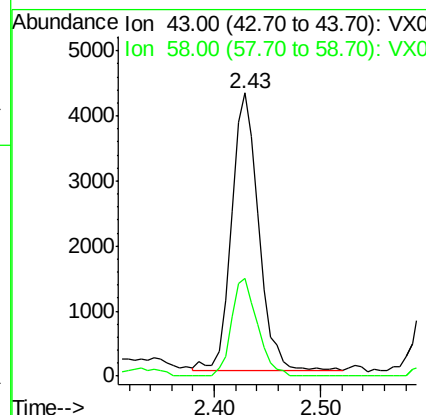
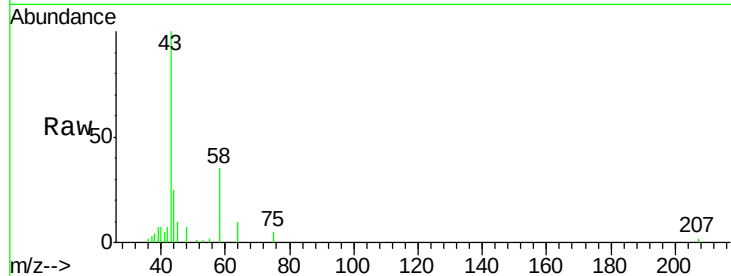




#16
Acetone
Concen: 5.008 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX019558.D
Acq: 23 Nov 2020 18:12

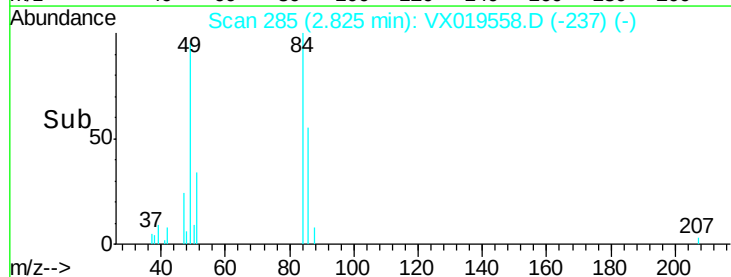
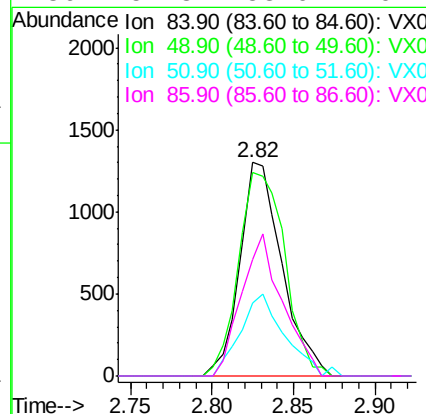
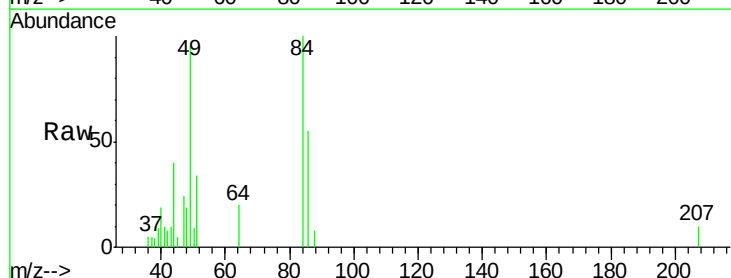
Instrument :
MSVOA_X
ClientSampleId :
B2-GW

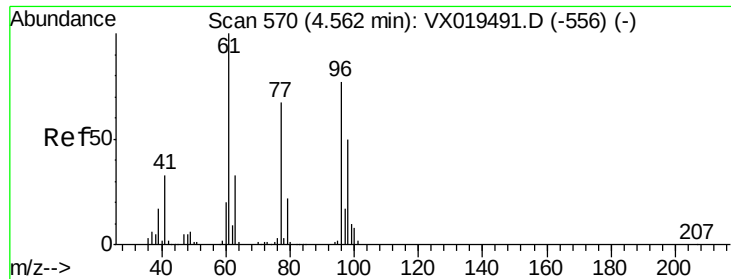
Tot Ion: 43 Resp: 7676
Ion Ratio Lower Upper
43 100
58 35.1 27.4 41.2



#20
Methylene Chloride
Concen: 0.612 ug/l
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX019558.D
Acq: 23 Nov 2020 18:12

Tgt Ion: 84 Resp: 2346
Ion Ratio Lower Upper
84 100
49 95.5 88.5 132.7
51 34.4 28.0 42.0
86 54.8 53.0 79.4





#27

cis-1,2-Dichloroethene

Concen: 3.817 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX019558.D

Acq: 23 Nov 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

B2-GW

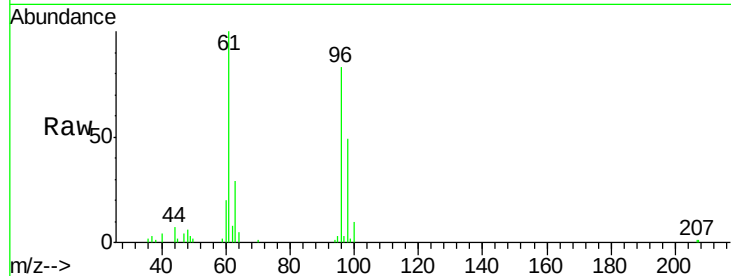
Tot Ion: 96 Resp: 15077

Ion Ratio Lower Upper

96 100

61 147.7 0.0 279.2

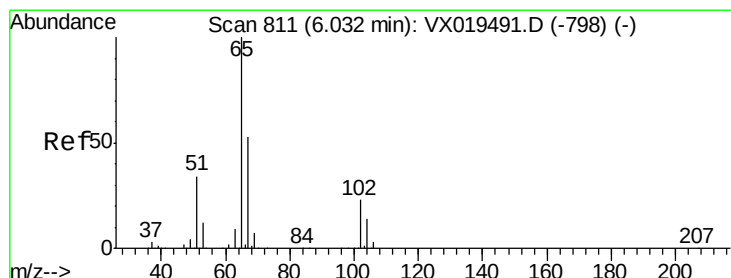
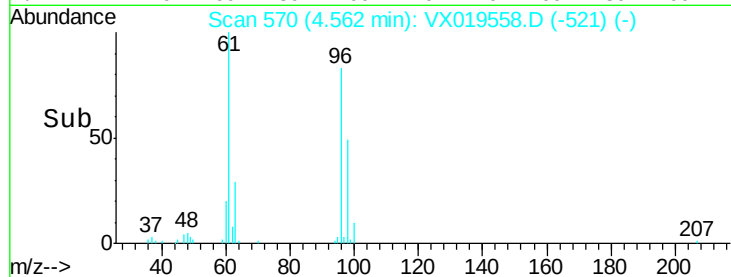
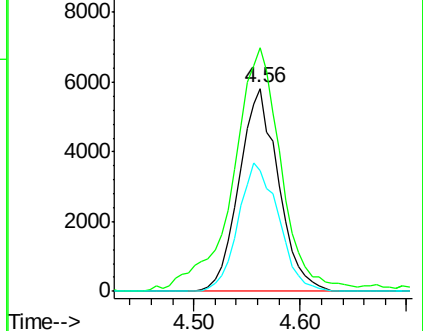
98 65.1 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.412 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019558.D

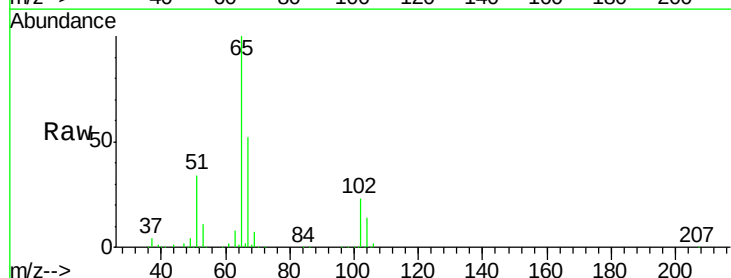
Acq: 23 Nov 2020 18:12

Tgt Ion: 65 Resp: 183966

Ion Ratio Lower Upper

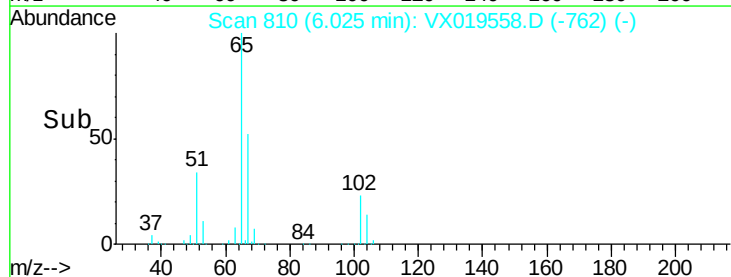
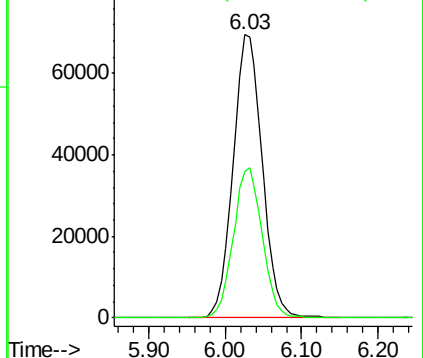
65 100

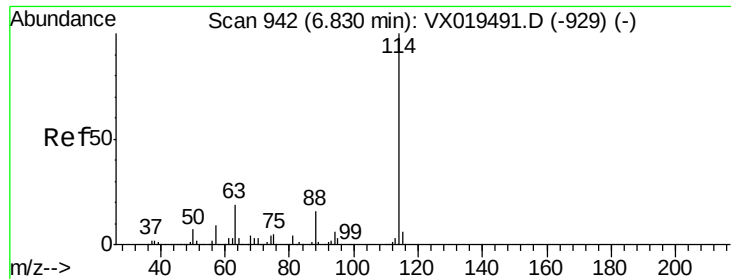
67 52.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019558.D

Acq: 23 Nov 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

B2-GW

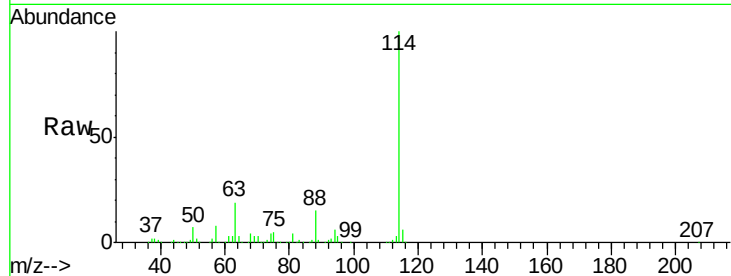
Tot Ion:114 Resp: 494636

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.8

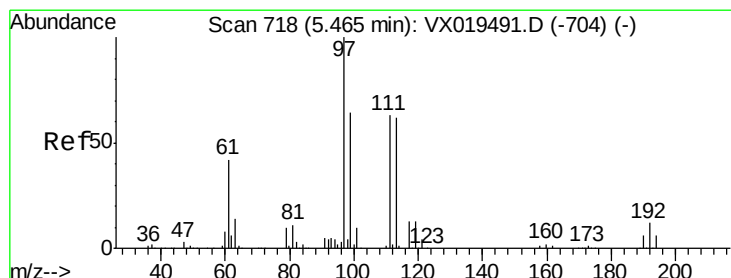
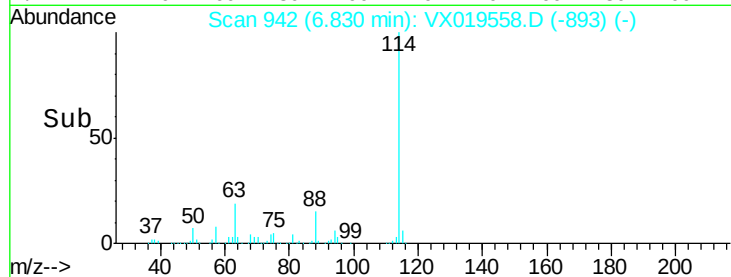
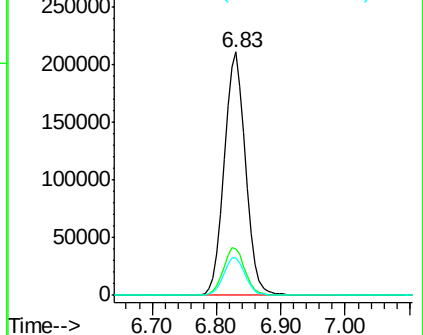
88 15.4 0.0 31.6



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: 47.343 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019558.D

Acq: 23 Nov 2020 18:12

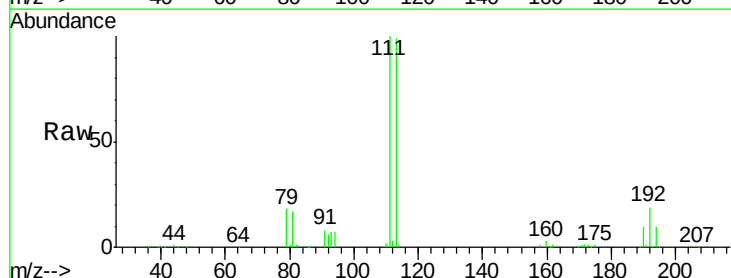
Tgt Ion:113 Resp: 146993

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

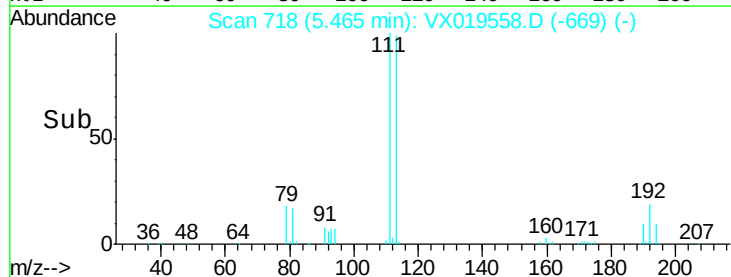
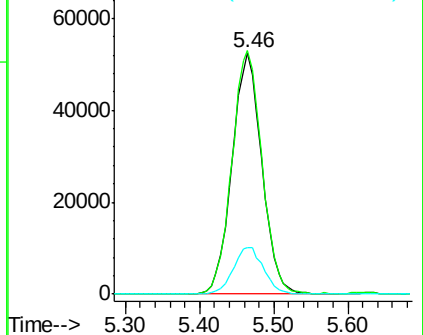
192 19.7 16.2 24.2

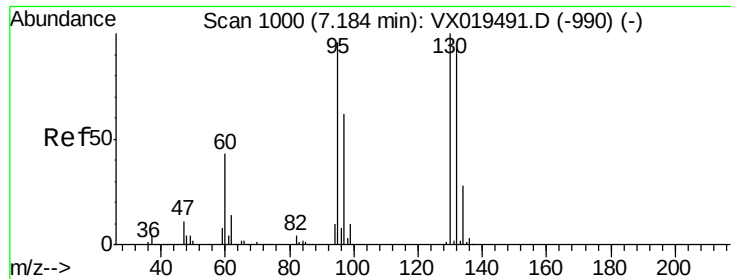


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 7.161 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019558.D

Acq: 23 Nov 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

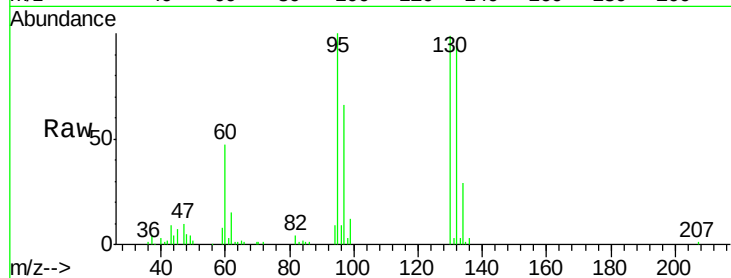
B2-GW

Tot Ion:130 Resp: 26724

Ion Ratio Lower Upper

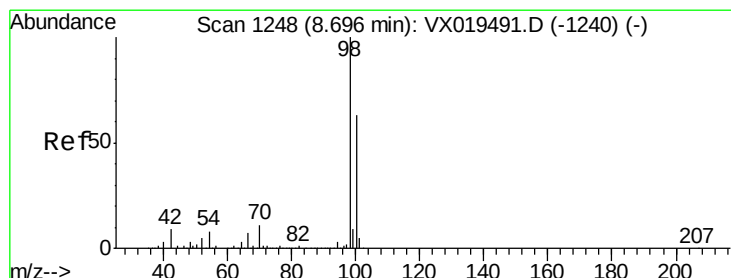
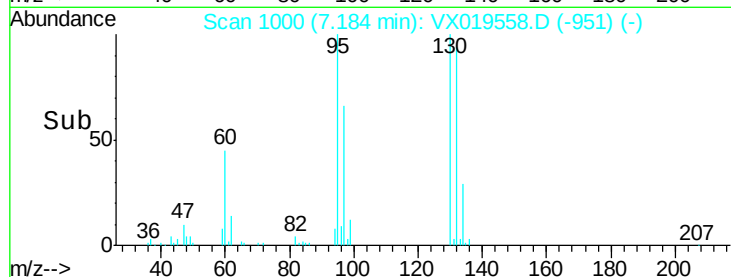
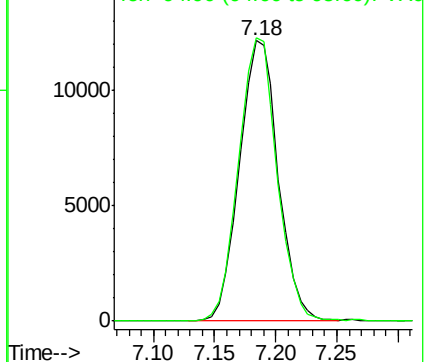
130 100

95 100.9 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.265 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019558.D

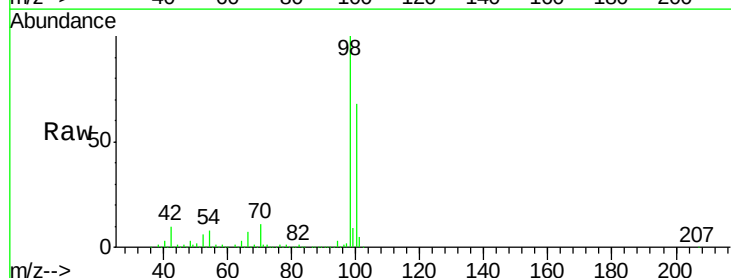
Acq: 23 Nov 2020 18:12

Tgt Ion: 98 Resp: 570256

Ion Ratio Lower Upper

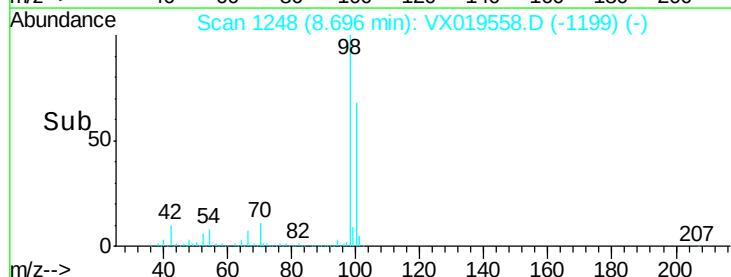
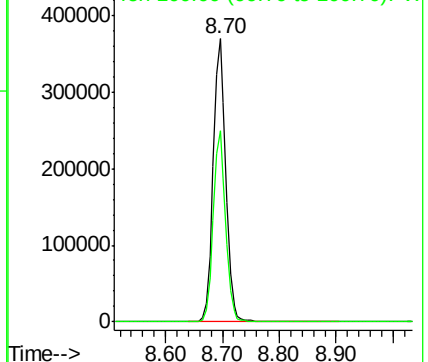
98 100

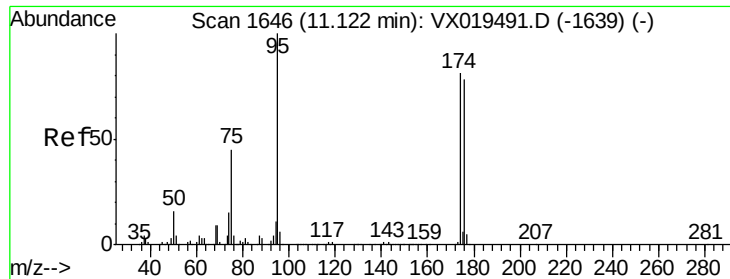
100 66.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

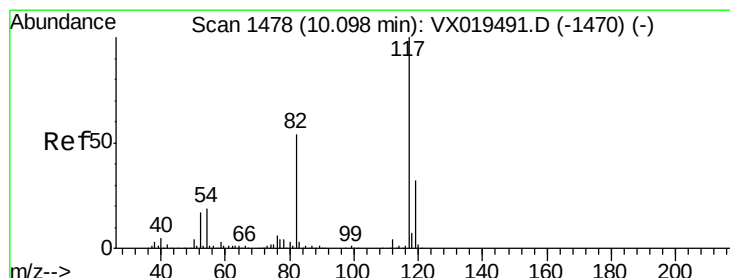
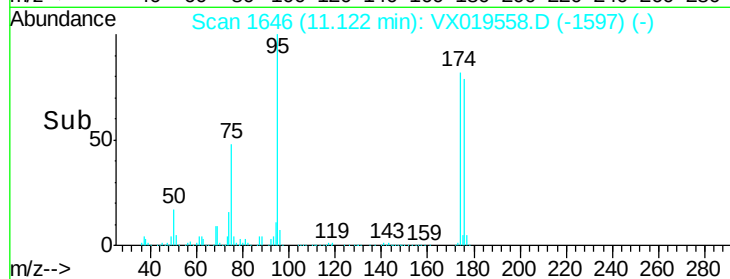
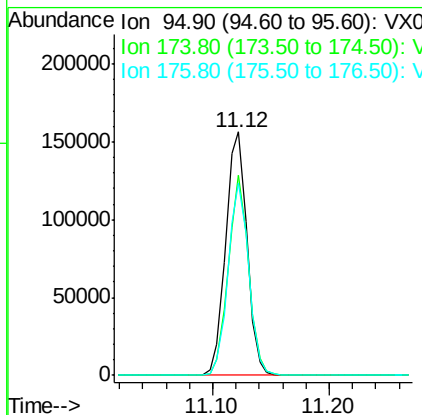
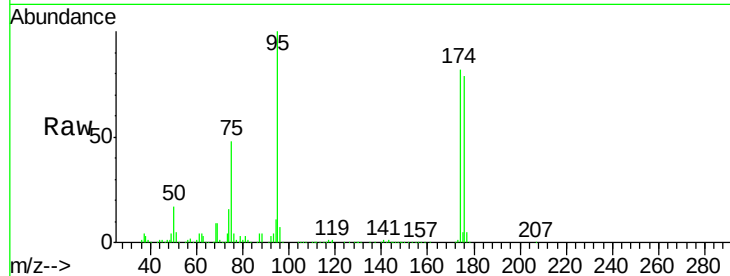




#62
4-Bromofluorobenzene
Concen: 45.678 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019558.D
Acq: 23 Nov 2020 18:12

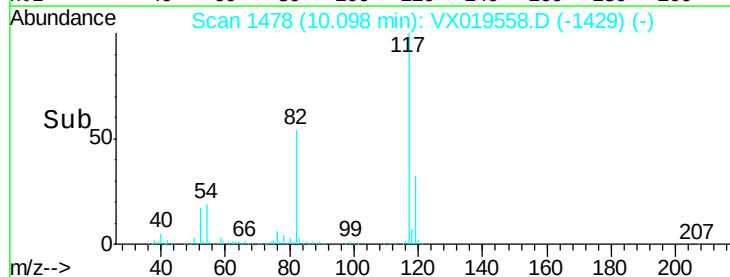
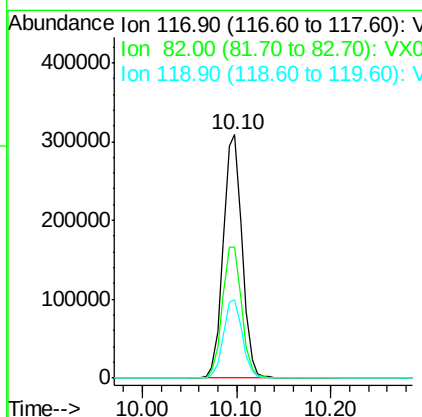
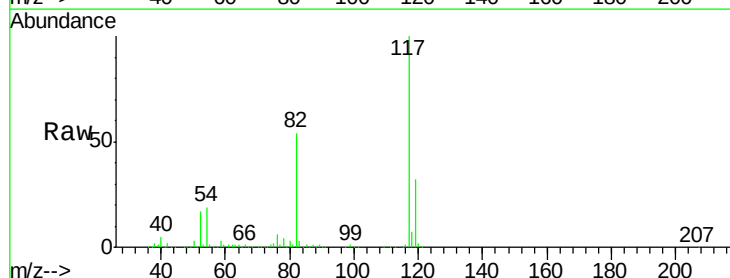
Instrument :
MSVOA_X
ClientSampled :
B2-GW

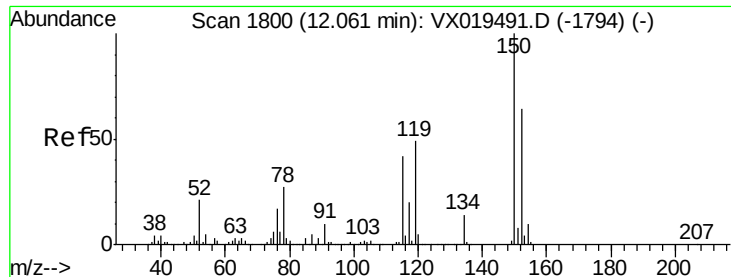
Tot Ion: 95 Resp: 198283
Ion Ratio Lower Upper
95 100
174 78.0 0.0 156.2
176 76.9 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019558.D
Acq: 23 Nov 2020 18:12

Tgt Ion: 117 Resp: 426918
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019558.D

Acq: 23 Nov 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

B2-GW

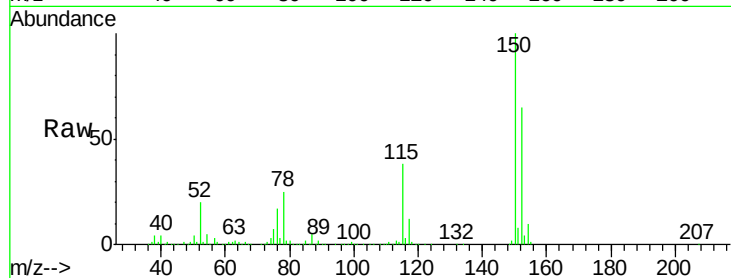
Tot Ion:152 Resp: 182414

Ion Ratio Lower Upper

152 100

115 58.8 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

