

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019604.D
 Acq On : 24 Nov 2020 14:45
 Operator : JC/MD
 Sample : L4839-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B3-GW

Quant Time: Nov 25 05:14:31 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	294805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	486107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	448739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	183951	48.12	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.24%		
35) Dibromofluoromethane	5.46	113	145329	47.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.26%		
50) Toluene-d8	8.70	98	584299	49.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.56%		
62) 4-Bromofluorobenzene	11.12	95	203426	47.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.38%		

Target Compounds

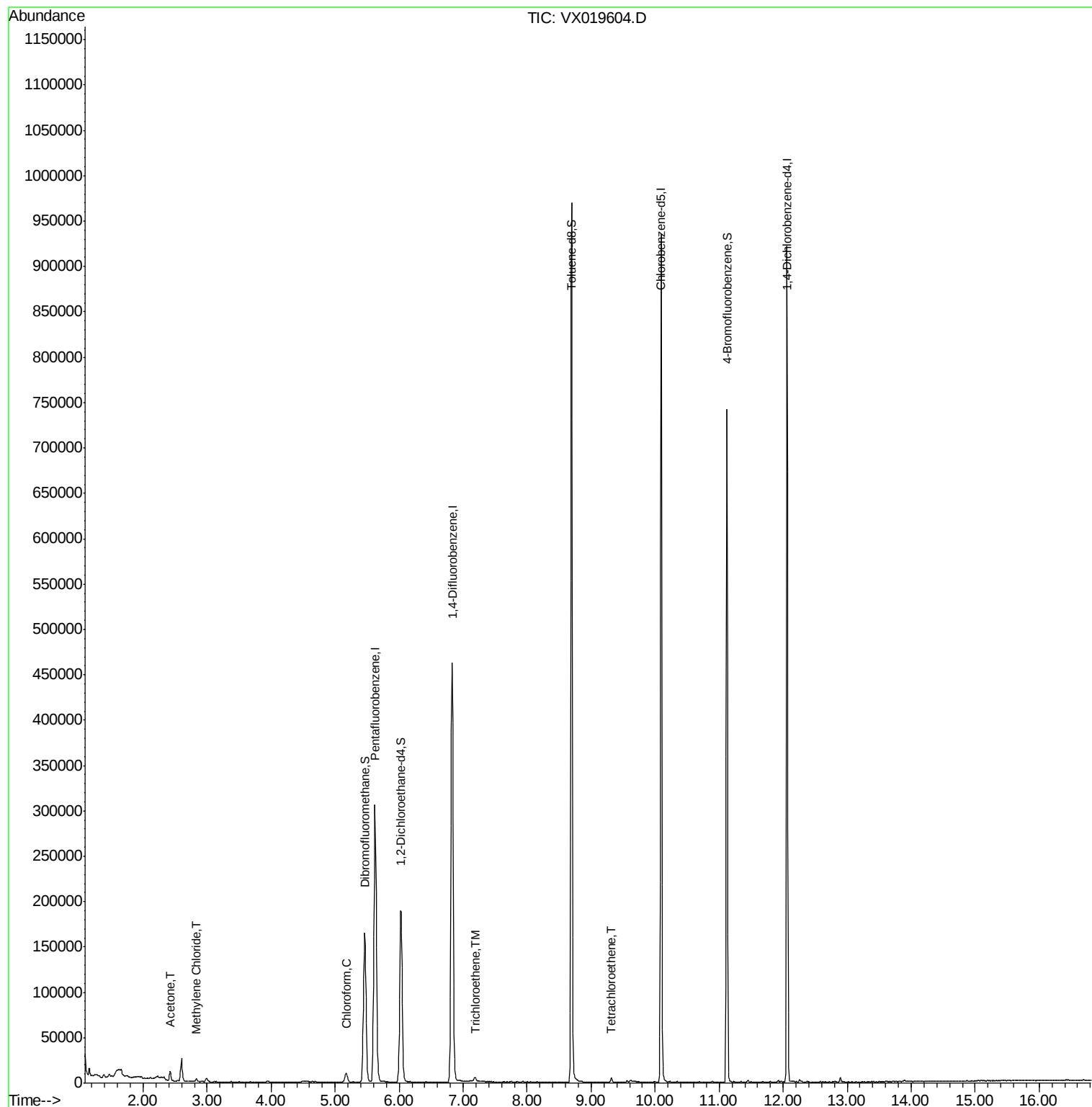
					Qvalue
16) Acetone	2.42	43	10326	6.986	ug/l 89
20) Methylene Chloride	2.83	84	1487	0.402	ug/l 98
30) Chloroform	5.17	83	12341	2.034	ug/l 99
44) Trichloroethene	7.19	130	1012	0.276	ug/l 87
64) Tetrachloroethene	9.31	164	1018	0.289	ug/l # 88

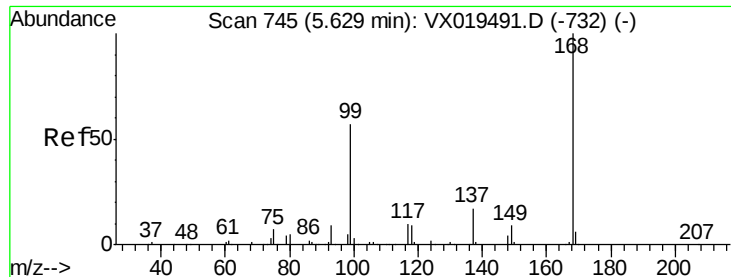
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 25 05:14:31 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: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019604.D

Acq: 24 Nov 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

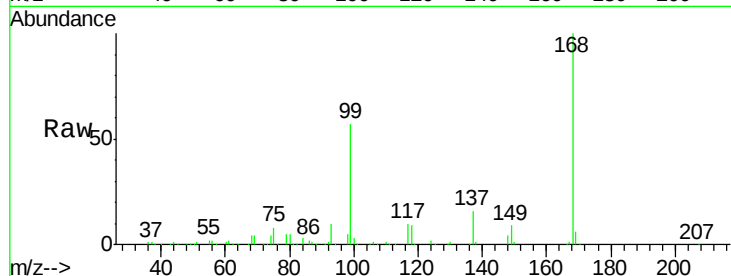
B3-GW

Tot Ion:168 Resp: 294805

Ion Ratio Lower Upper

168 100

99 57.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

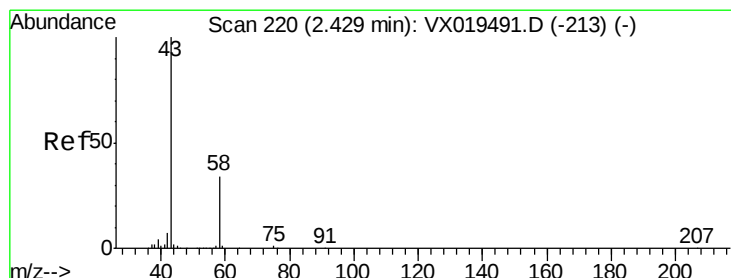
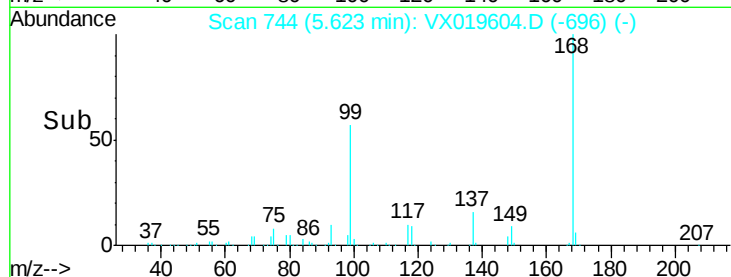
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.986 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019604.D

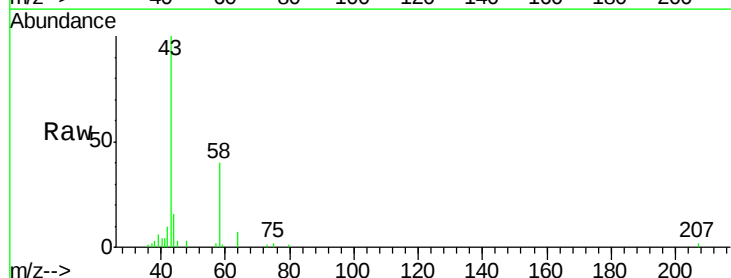
Acq: 24 Nov 2020 14:45

Tgt Ion: 43 Resp: 10326

Ion Ratio Lower Upper

43 100

58 40.5 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

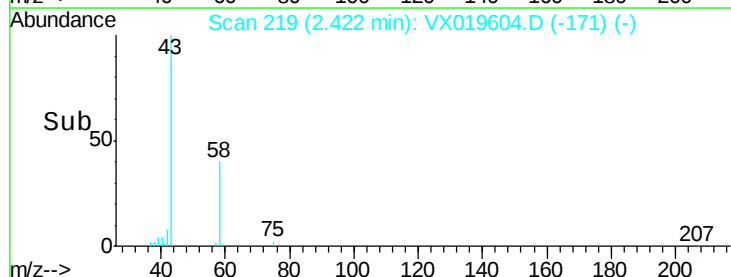
6000

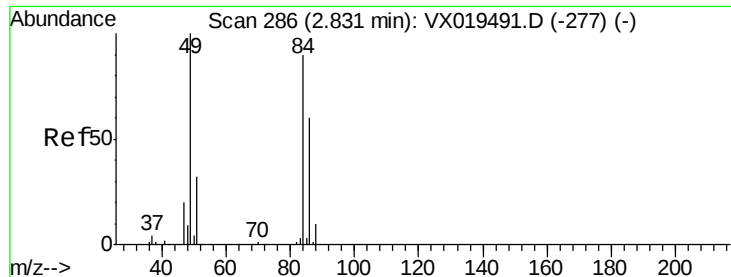
4000

2000

0

Time-->

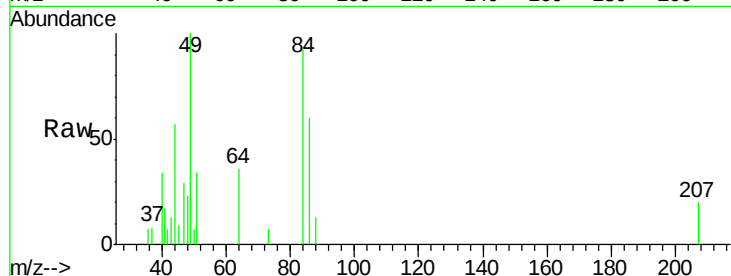




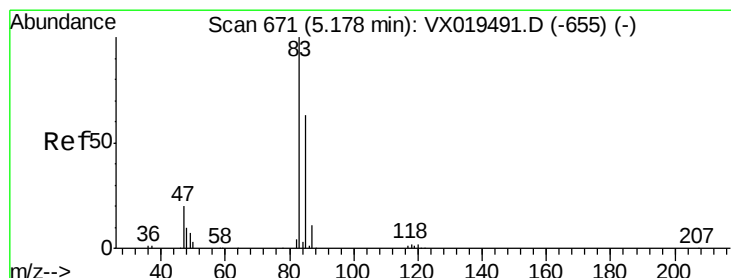
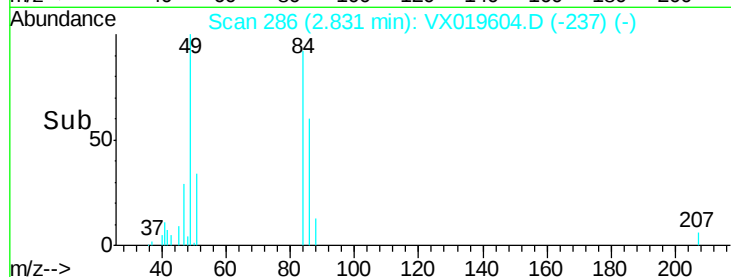
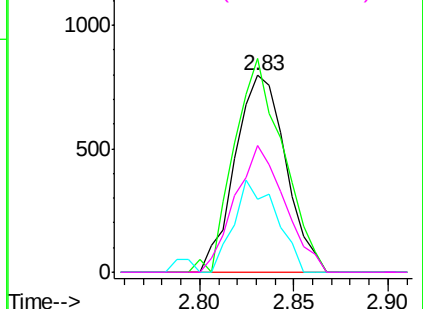
#20
Methvlene Chloride
Concen: 0.402 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019604.D
Acq: 24 Nov 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
B3-GW

Tot Ion:	84	Resp:	1487
Ion	Ratio	Lower	Upper
84	100		
49	108.5	88.5	132.7
51	37.0	28.0	42.0
86	64.6	53.0	79.4

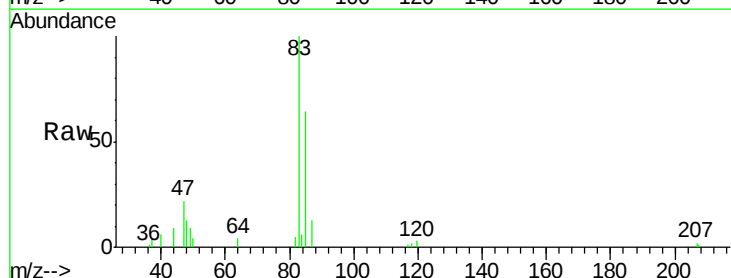


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

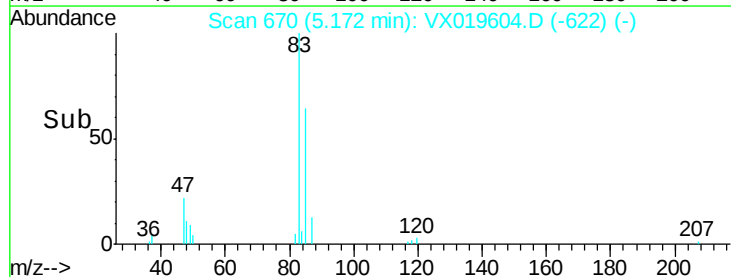
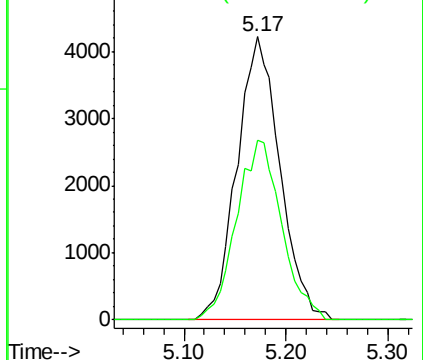


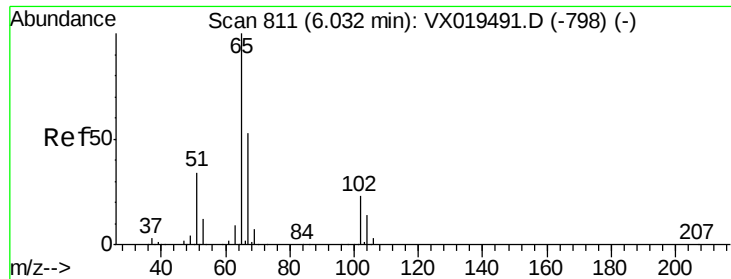
#30
Chloroform
Concen: 2.034 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019604.D
Acq: 24 Nov 2020 14:45

Tgt Ion:	83	Resp:	12341
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.5	75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

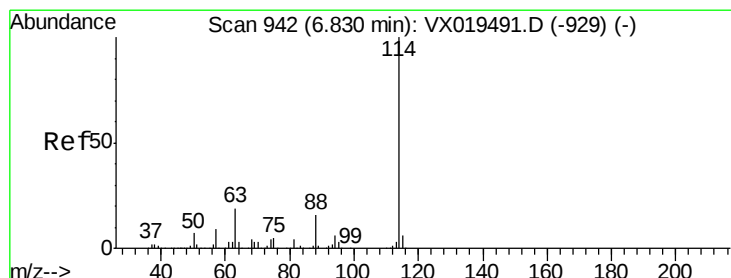
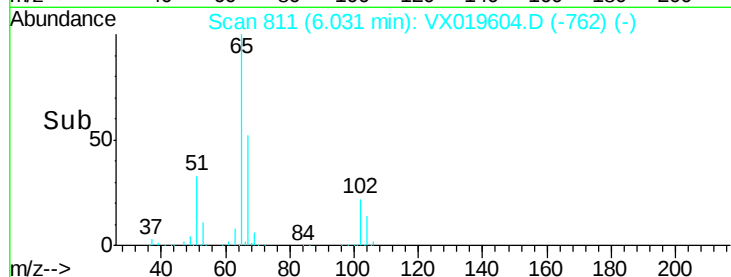
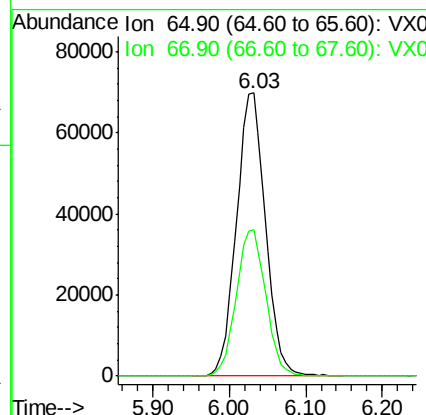
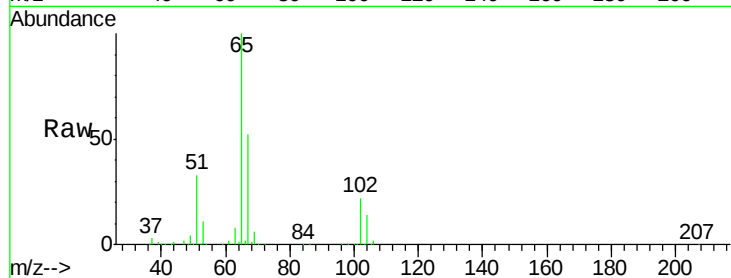




#33
 1,2-Dichloroethane-d4
 Concen: 48.125 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019604.D
 Acq: 24 Nov 2020 14:45

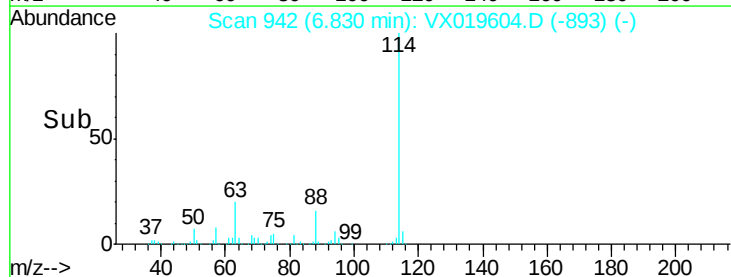
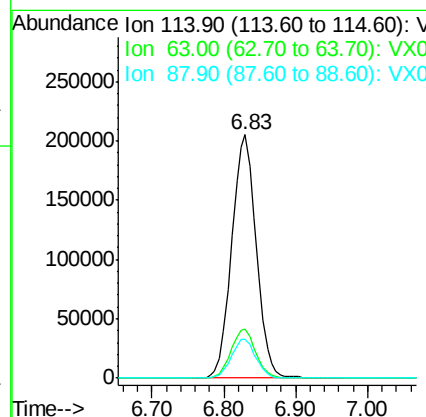
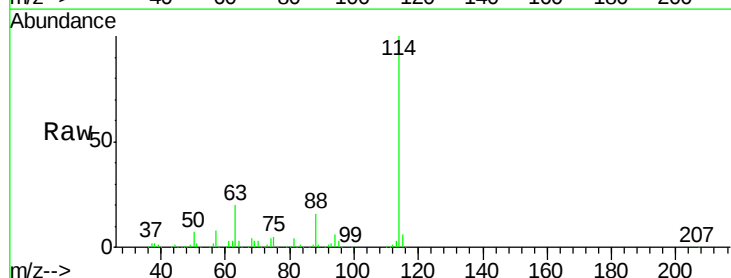
Instrument :
 MSVOA_X
 ClientSampleId :
 B3-GW

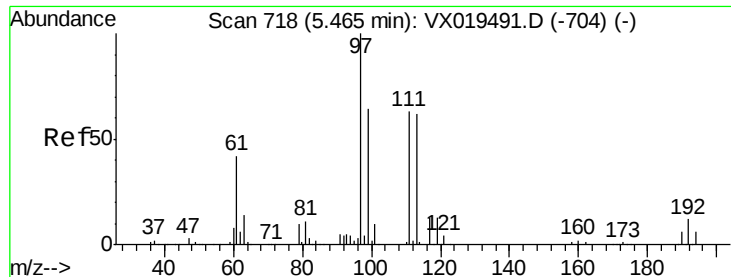
Tot Ion: 65 Resp: 183951
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019604.D
 Acq: 24 Nov 2020 14:45

Tgt Ion: 114 Resp: 486107
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.8
 88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.629 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019604.D

Acq: 24 Nov 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

B3-GW

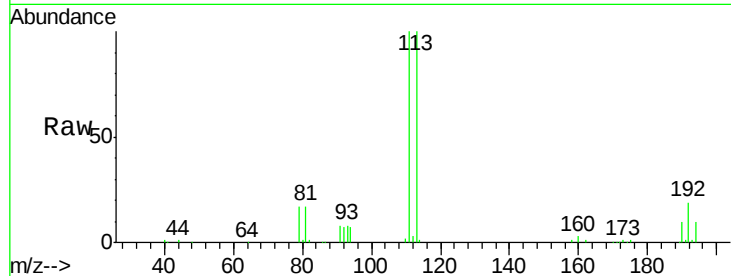
Tot Ion:113 Resp: 145329

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

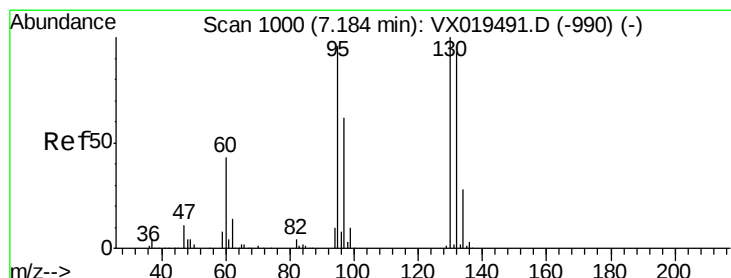
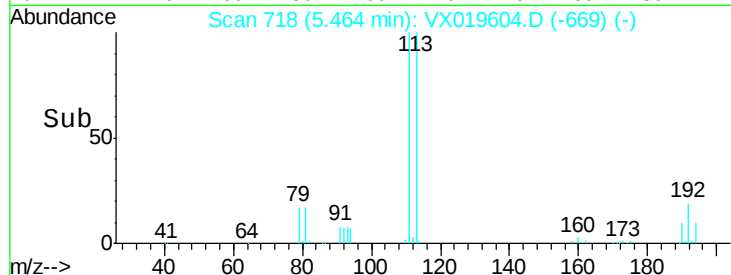
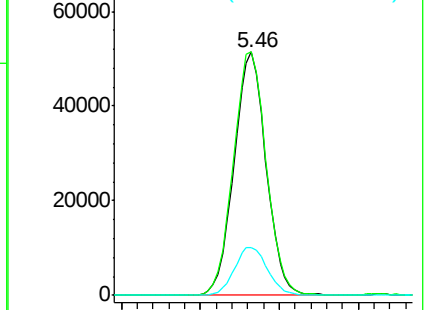
192 20.4 16.2 24.2



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: 0.276 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019604.D

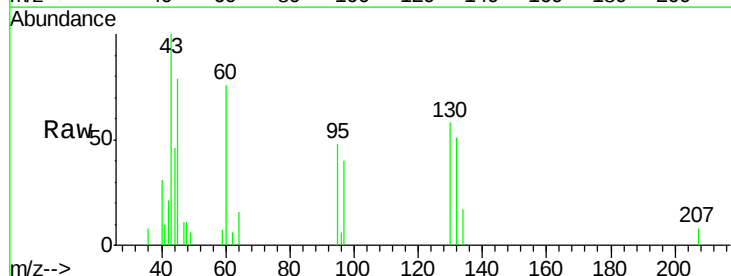
Acq: 24 Nov 2020 14:45

Tgt Ion:130 Resp: 1012

Ion Ratio Lower Upper

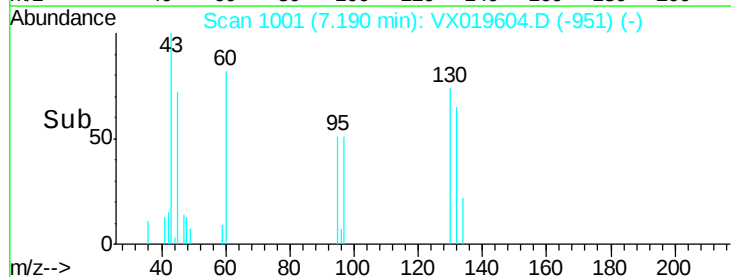
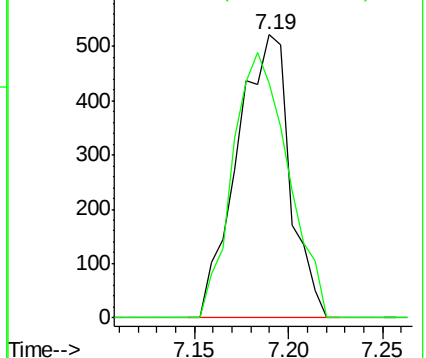
130 100

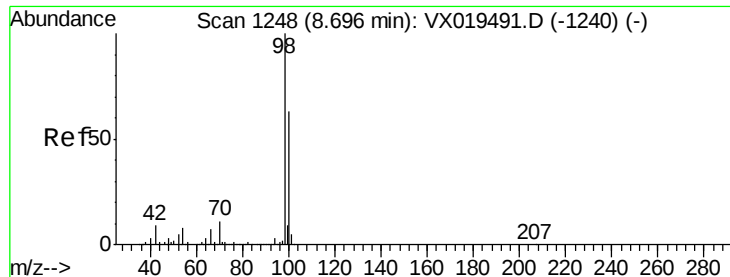
95 82.8 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.279 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019604.D

Acq: 24 Nov 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

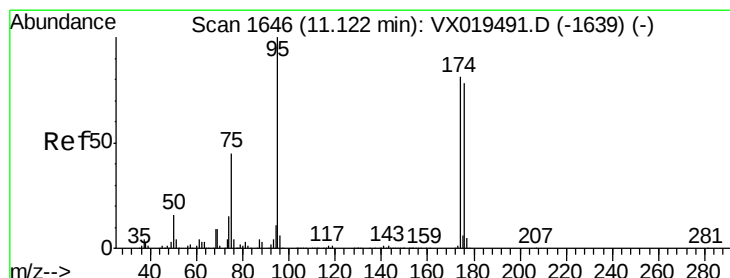
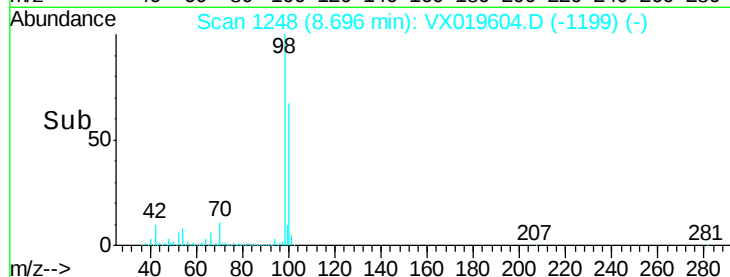
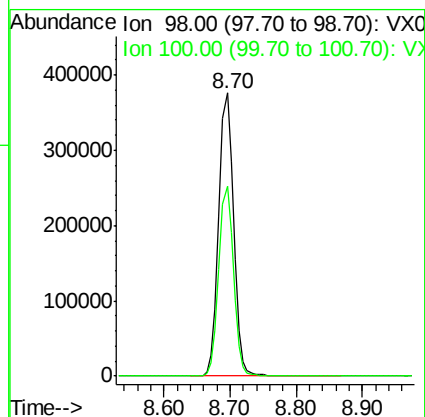
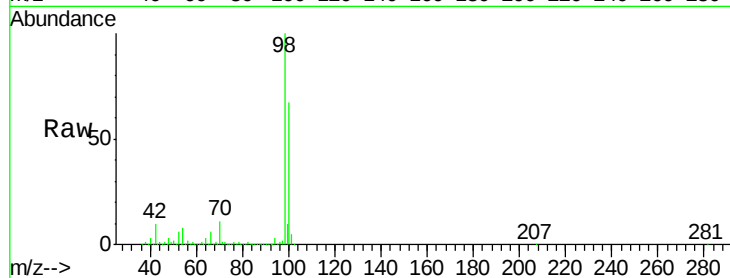
B3-GW

Tot Ion: 98 Resp: 584299

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.685 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019604.D

Acq: 24 Nov 2020 14:45

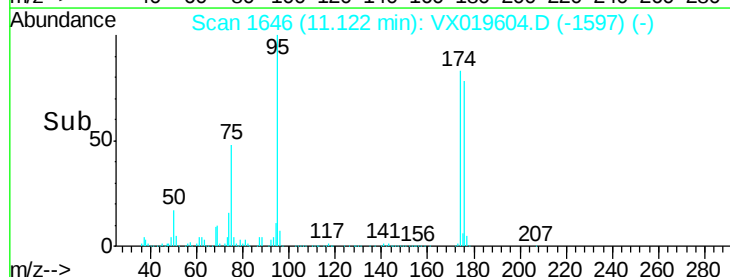
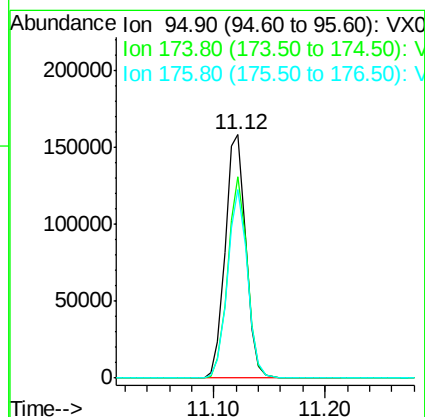
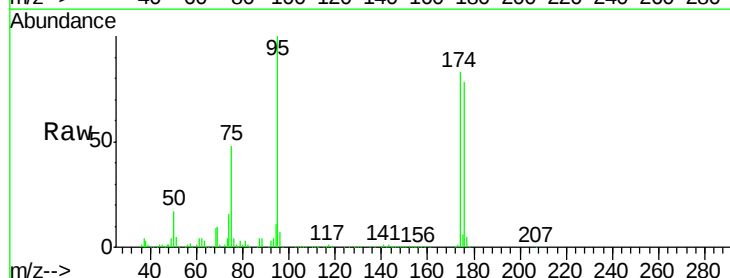
Tgt Ion: 95 Resp: 203426

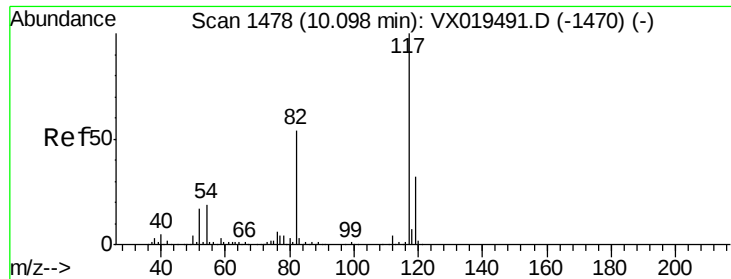
Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.2

176 74.3 0.0 151.4

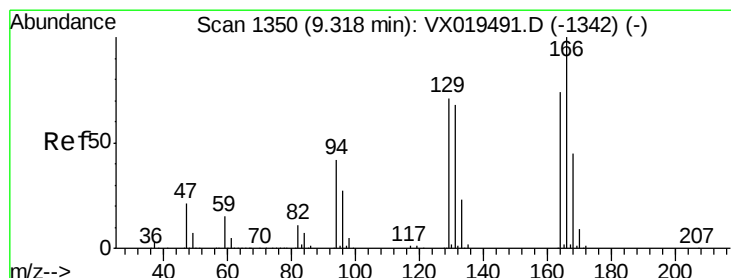
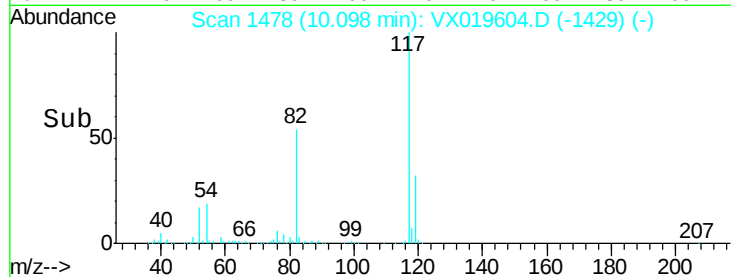
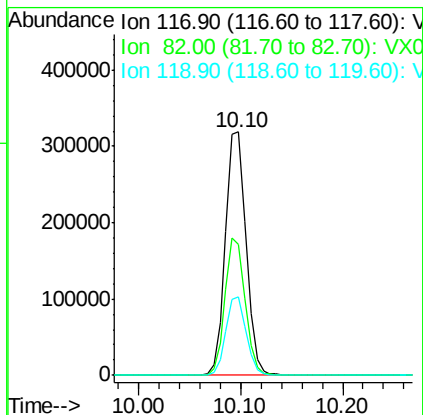
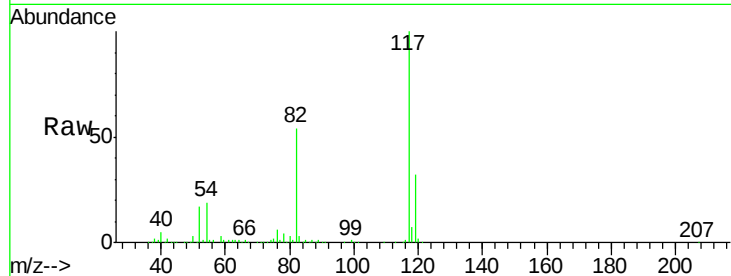




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019604.D
Acq: 24 Nov 2020 14:45

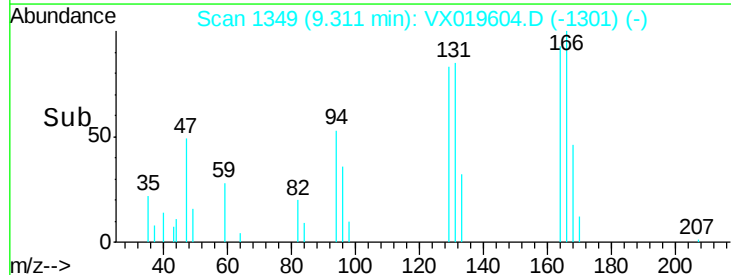
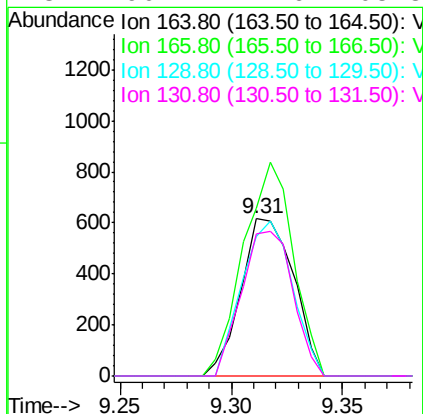
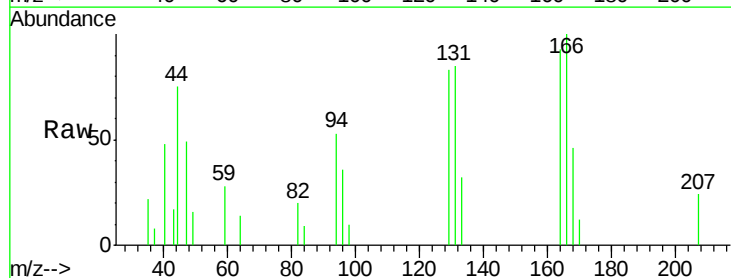
Instrument :
MSVOA_X
ClientSampleId :
B3-GW

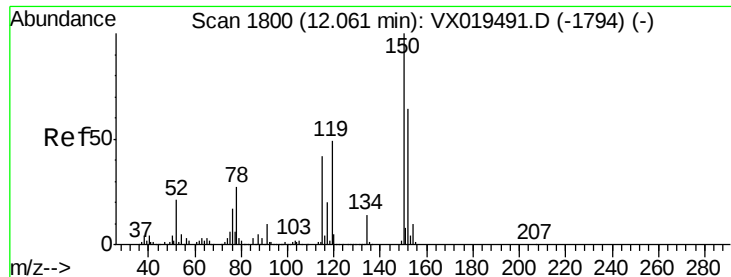
Tot Ion:117 Resp: 448739
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 0.289 ug/l
RT: 9.31 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VX019604.D
Acq: 24 Nov 2020 14:45

Tgt Ion:164 Resp: 1018
Ion Ratio Lower Upper
164 100
166 107.2 107.4 161.0#
129 88.9 76.6 114.8
131 90.7 72.6 108.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019604.D

Acq: 24 Nov 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

B3-GW

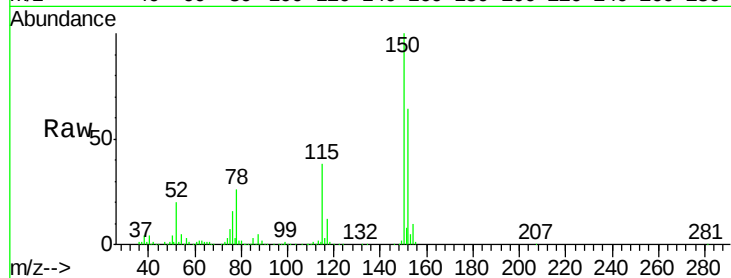
Tot Ion:152 Resp: 182025

Ion Ratio Lower Upper

152 100

115 59.8 41.8 125.4

150 156.6 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

