

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019606.D
 Acq On : 24 Nov 2020 15:32
 Operator : JC/MD
 Sample : L4839-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B5-GW

Quant Time: Nov 25 10:47:05 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	299585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	488780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	427954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	163724	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	185854	47.85	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.70%	
35) Dibromofluoromethane		5.46	113	145988	47.58	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.16%	
50) Toluene-d8		8.70	98	580765	48.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.42%	
62) 4-Bromofluorobenzene		11.12	95	189540	44.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.38%	

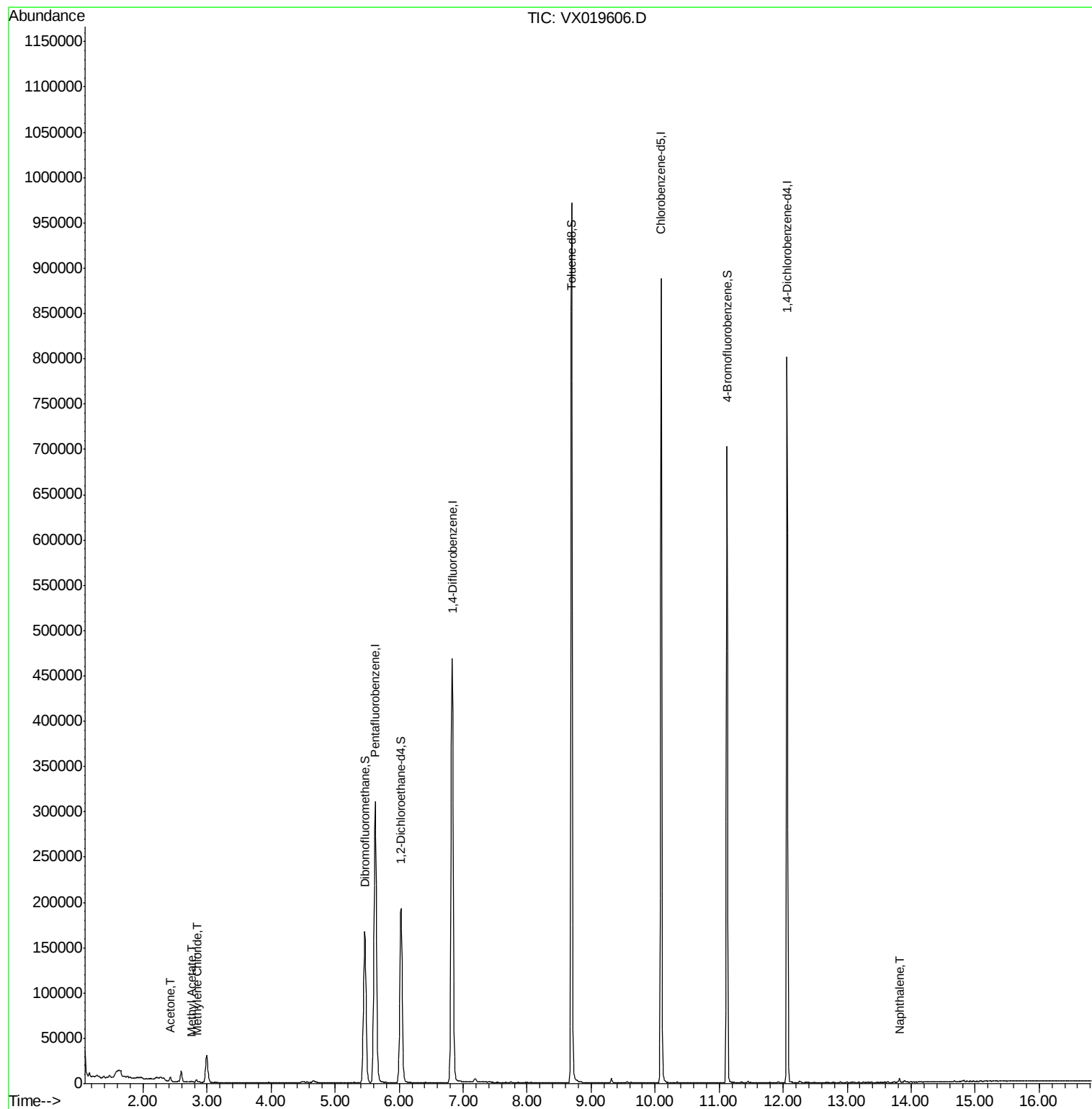
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	4464	2.972	ug/l	90
18) Methyl Acetate	2.75	43	1131	0.938	ug/l	96
20) Methylene Chloride	2.84	84	1145	0.305	ug/l #	91
95) Naphthalene	13.82	128	2460	2.373	ug/l	98

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

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Quant Title : SW846 8260
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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: VX019606.D

Acq: 24 Nov 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

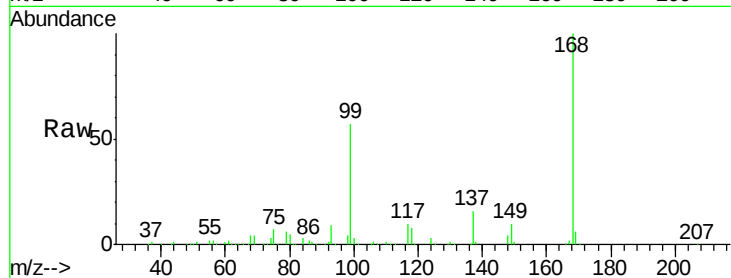
B5-GW

Tot Ion:168 Resp: 299585

Ion Ratio Lower Upper

168 100

99 56.5 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

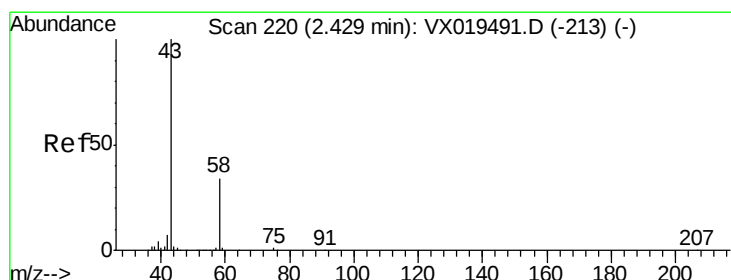
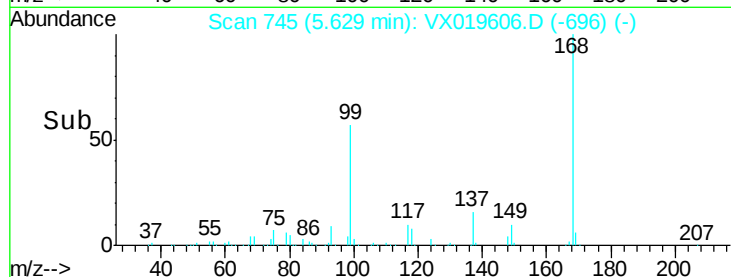
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.972 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019606.D

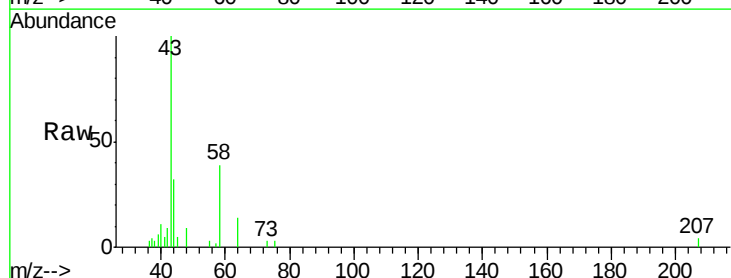
Acq: 24 Nov 2020 15:32

Tgt Ion: 43 Resp: 4464

Ion Ratio Lower Upper

43 100

58 40.3 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

3000

2500

2000

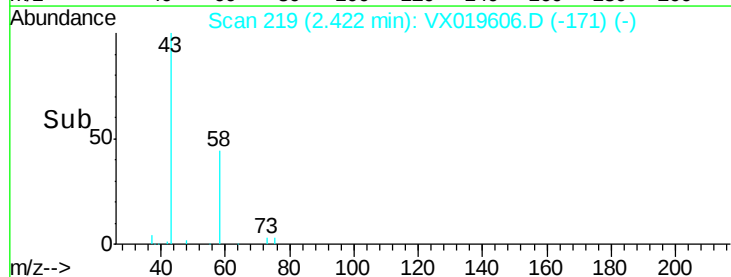
1500

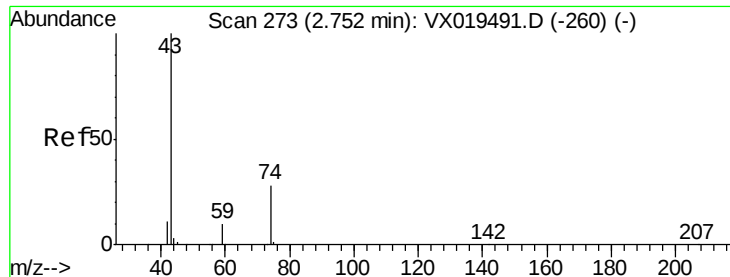
1000

500

0

Time-->

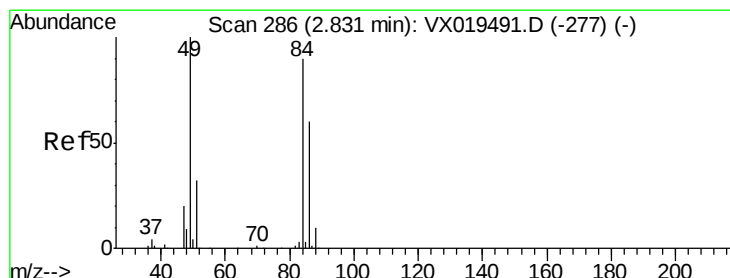
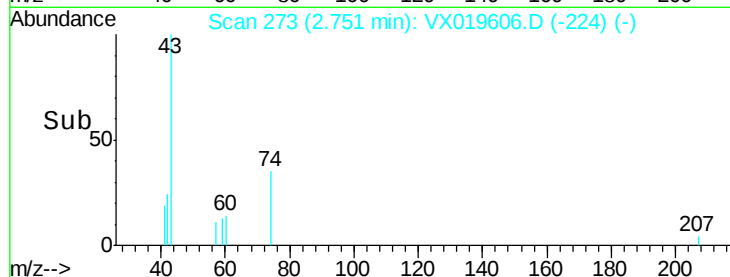
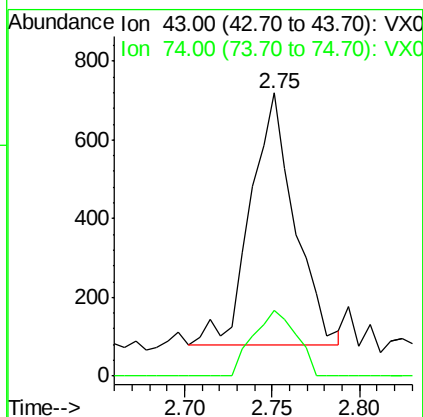
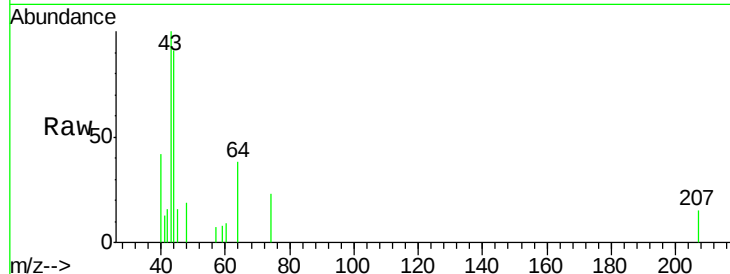




#18
Methvl Acetate
Concen: 0.938 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019606.D
Acq: 24 Nov 2020 15:32

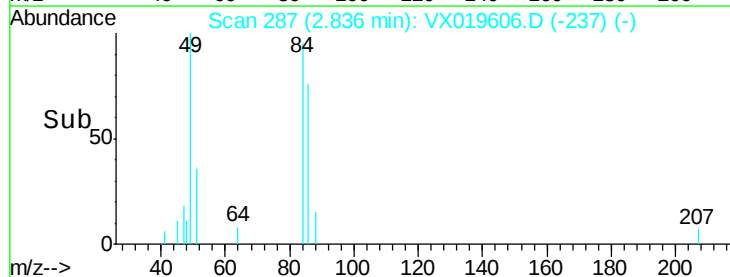
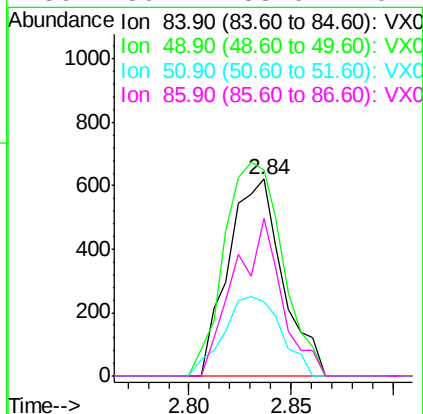
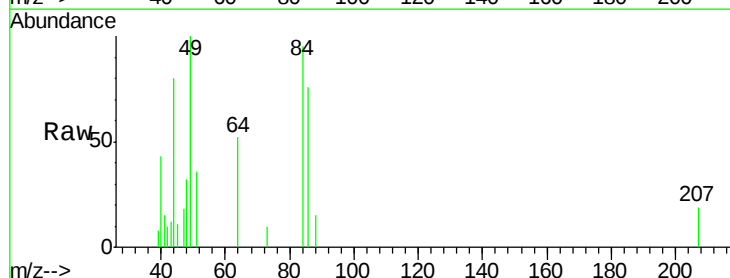
Instrument :
MSVOA_X
ClientSampleId :
B5-GW

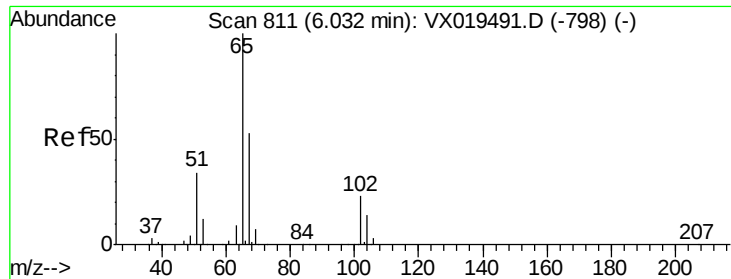
Tot Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
74 25.6 22.2 33.4



#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019606.D
Acq: 24 Nov 2020 15:32

Tgt Ion: 84 Resp: 1145
Ion Ratio Lower Upper
84 100
49 105.0 88.5 132.7
51 37.9 28.0 42.0
86 80.2 53.0 79.4#

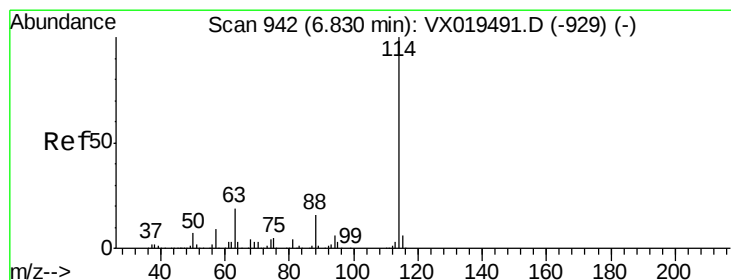
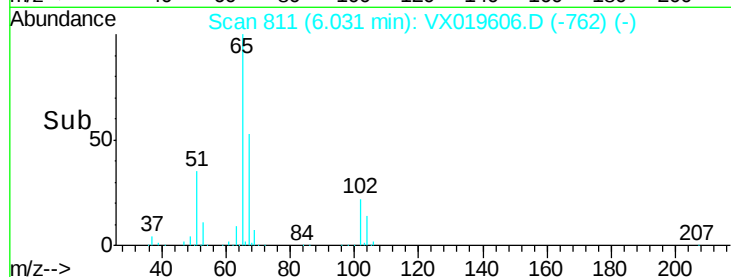
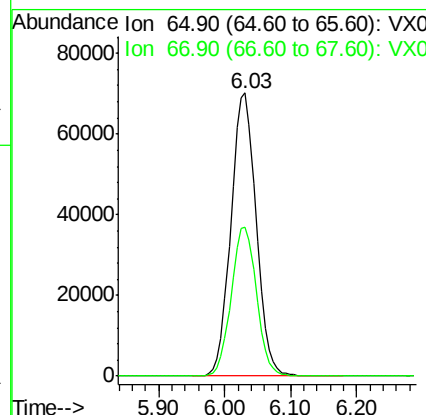
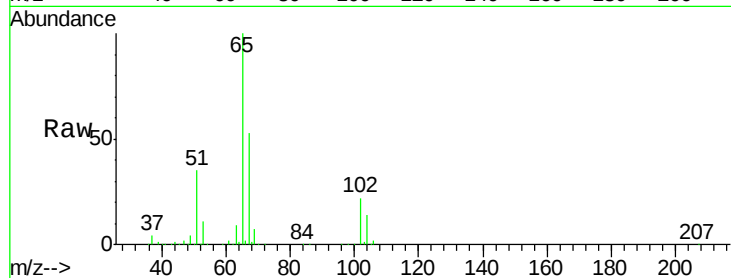




#33
 1,2-Dichloroethane-d4
 Concen: 47.847 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019606.D
 Acq: 24 Nov 2020 15:32

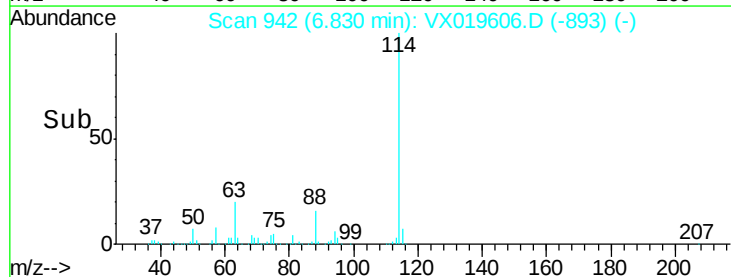
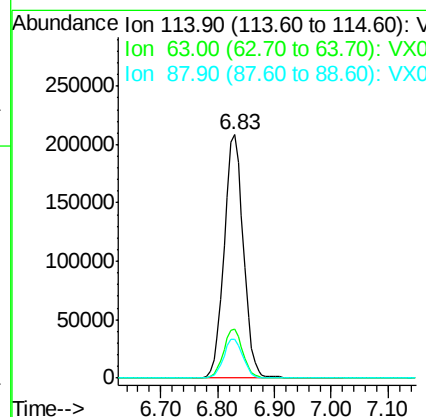
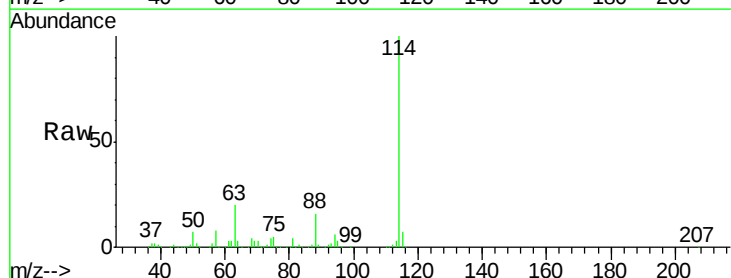
Instrument :
 MSVOA_X
 ClientSampleId :
 B5-GW

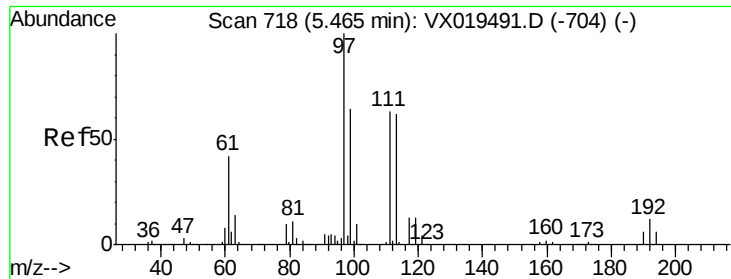
Tot Ion: 65 Resp: 185854
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019606.D
 Acq: 24 Nov 2020 15:32

Tgt Ion: 114 Resp: 488780
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.8
 88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.583 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019606.D

Acq: 24 Nov 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

B5-GW

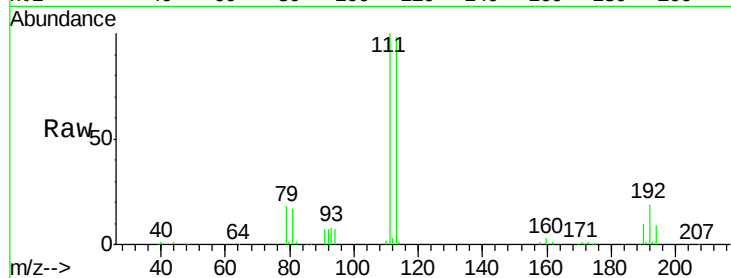
Tot Ion:113 Resp: 145988

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

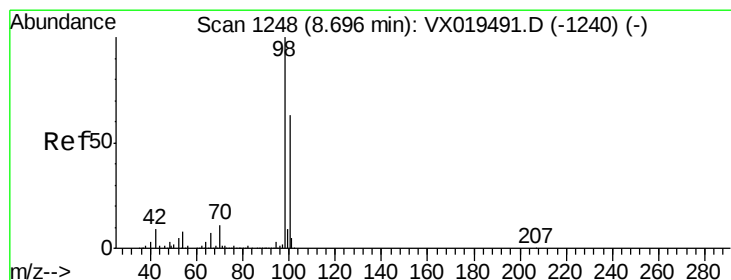
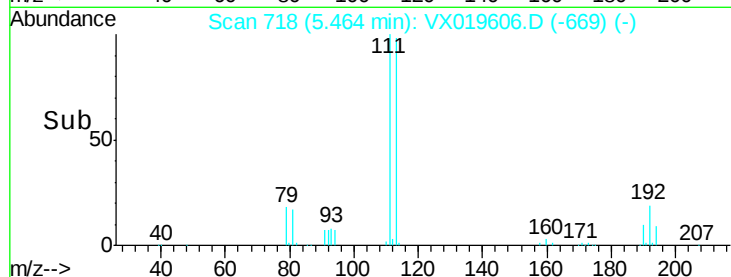
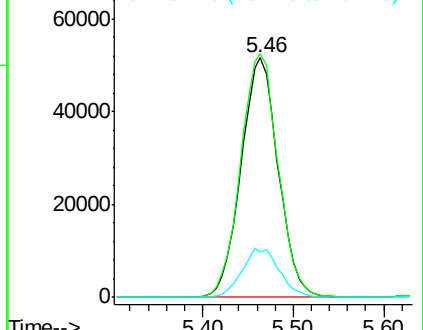
192 20.5 16.2 24.2



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



#50

Toluene-d8

Concen: 48.713 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019606.D

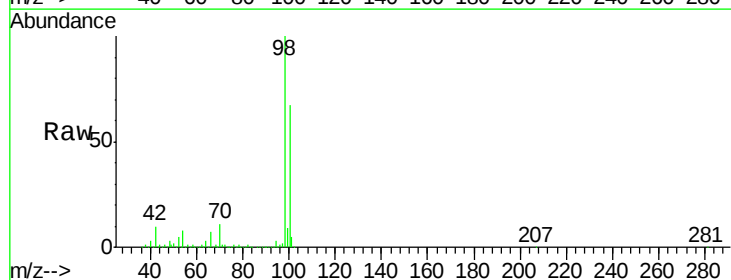
Acq: 24 Nov 2020 15:32

Tgt Ion: 98 Resp: 580765

Ion Ratio Lower Upper

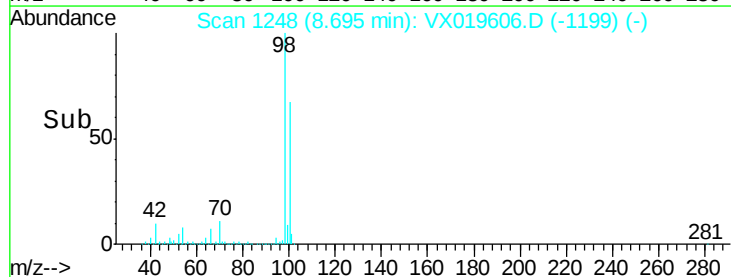
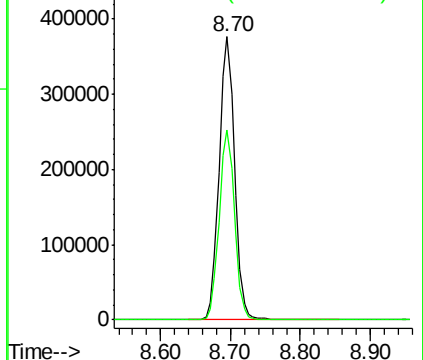
98 100

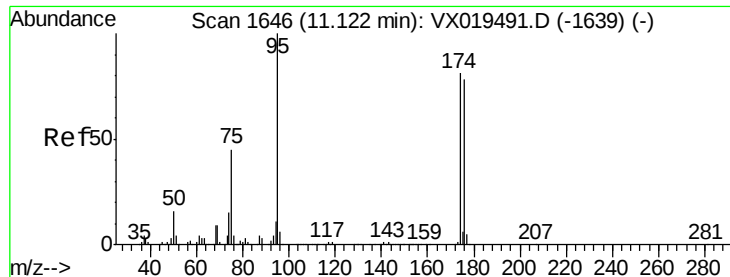
100 66.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.187 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019606.D

Acq: 24 Nov 2020 15:32

Instrument :

MSVOA_X

ClientSampled :

B5-GW

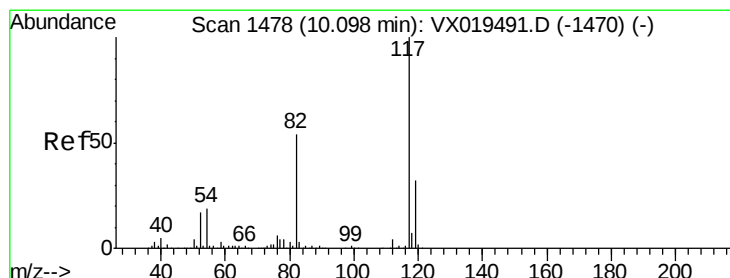
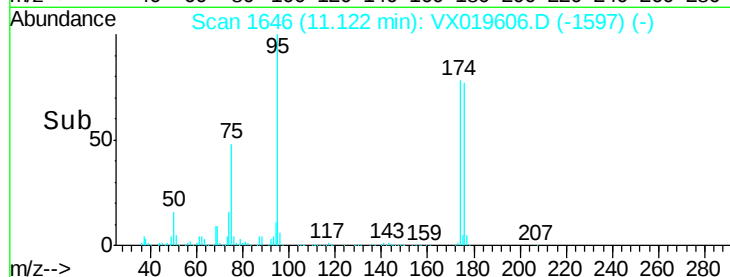
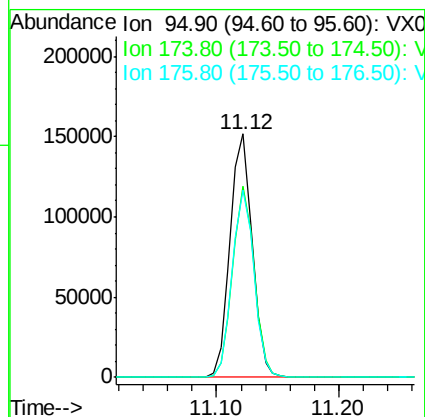
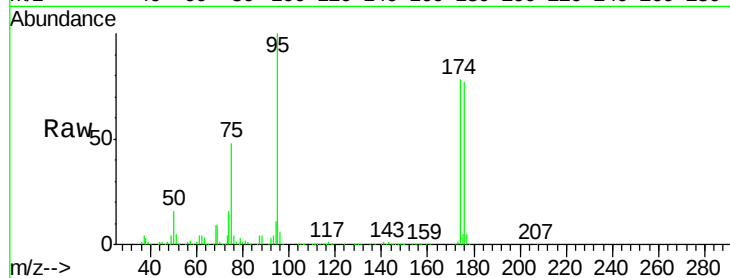
Tot Ion: 95 Resp: 189540

Ion Ratio Lower Upper

95 100

174 76.9 0.0 156.2

176 75.7 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: VX019606.D

Acq: 24 Nov 2020 15:32

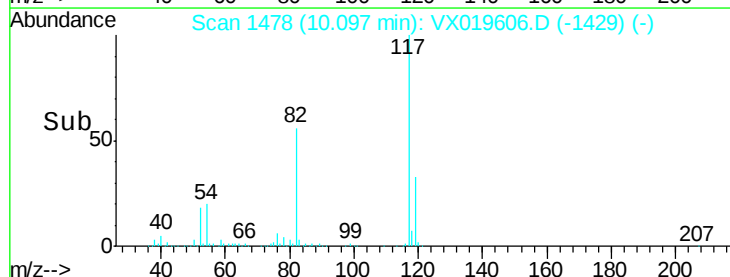
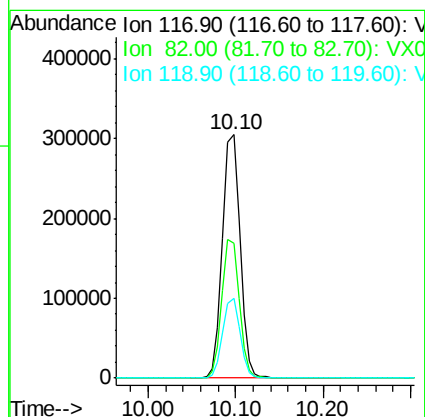
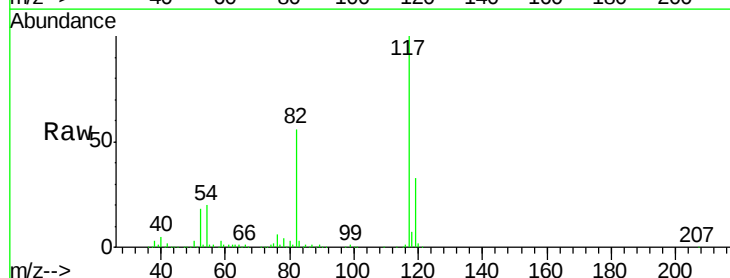
Tgt Ion: 117 Resp: 427954

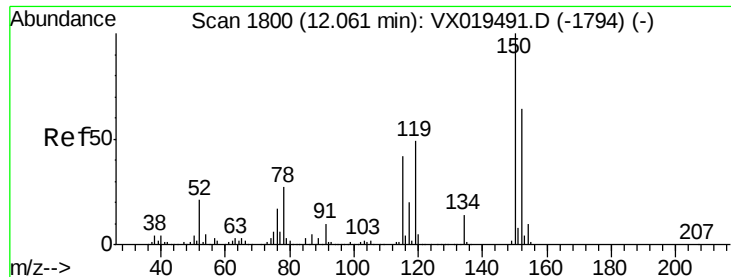
Ion Ratio Lower Upper

117 100

82 55.6 43.0 64.4

119 32.7 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: VX019606.D

Acq: 24 Nov 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

B5-GW

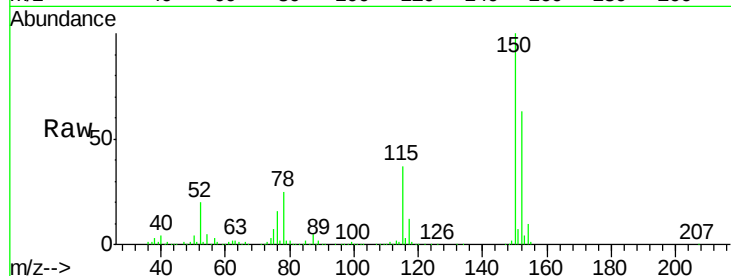
Tot Ion:152 Resp: 163724

Ion Ratio Lower Upper

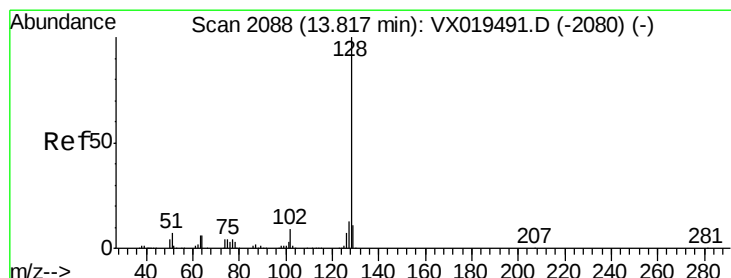
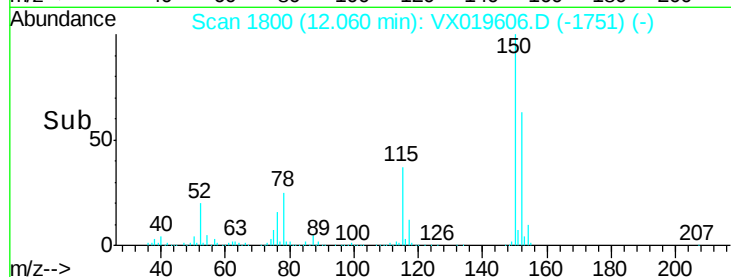
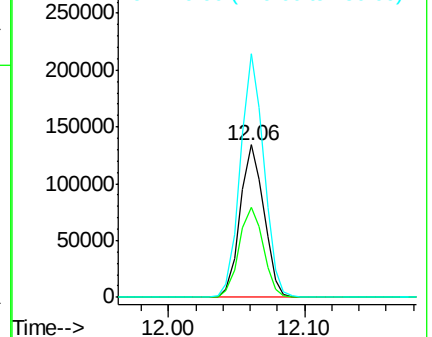
152 100

115 60.0 41.8 125.4

150 157.1 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



#95

Naphthalene

Concen: 2.373 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019606.D

Acq: 24 Nov 2020 15:32

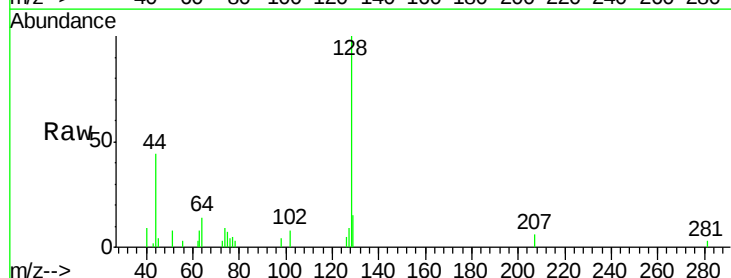
Tgt Ion:128 Resp: 2460

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 12.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

