

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019635.D
 Acq On : 25 Nov 2020 03:32
 Operator : JC/MD
 Sample : L4835-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119

Quant Time: Nov 25 06:56:59 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	296962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	483878	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	183707	47.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.42%
35) Dibromofluoromethane	5.46	113	145618	47.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.88%
50) Toluene-d8	8.70	98	585938	49.64	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.28%
62) 4-Bromofluorobenzene	11.12	95	202015	47.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.14%

Target Compounds

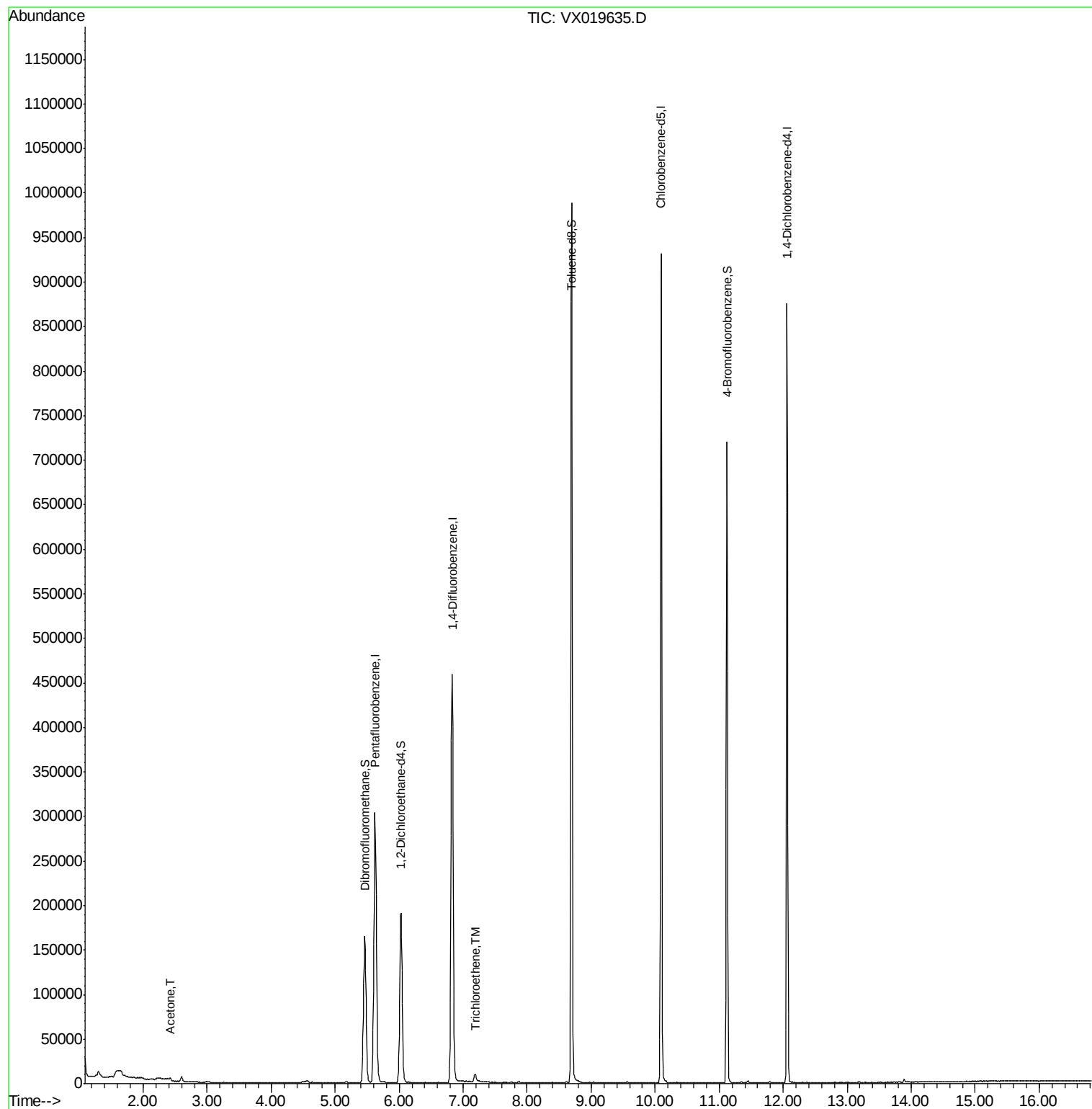
					Qvalue
16) Acetone	2.42	43	3007	2.019 ug/l	97
44) Trichloroethene	7.19	130	3116	0.853 ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019635.D

Acq: 25 Nov 2020 03:32

Instrument :

MSVOA_X

ClientSampleId :

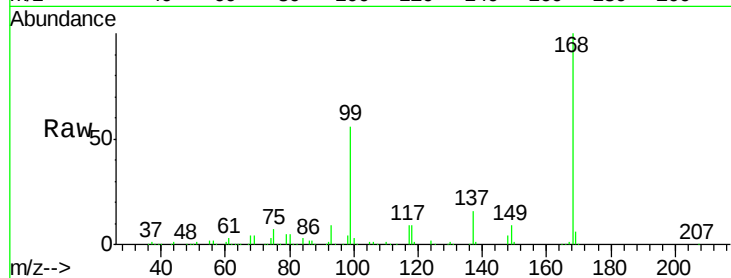
GR-OF-20201119

Tot Ion:168 Resp: 296962

Ion Ratio Lower Upper

168 100

99 55.9 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

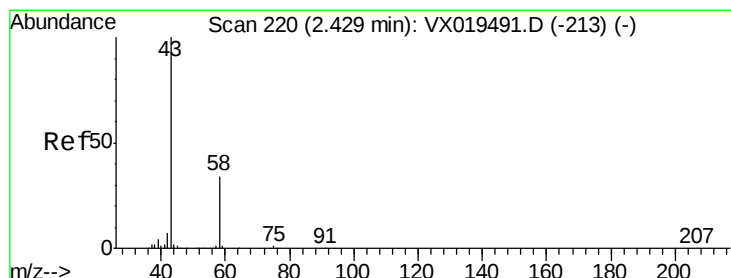
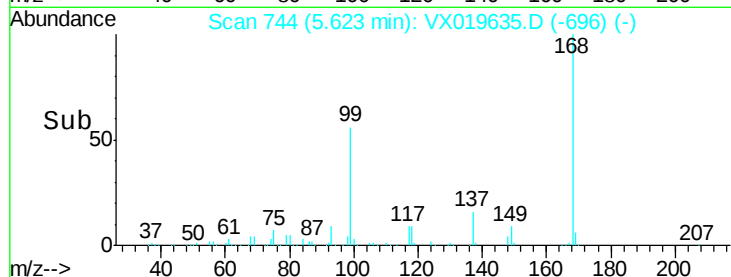
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.019 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019635.D

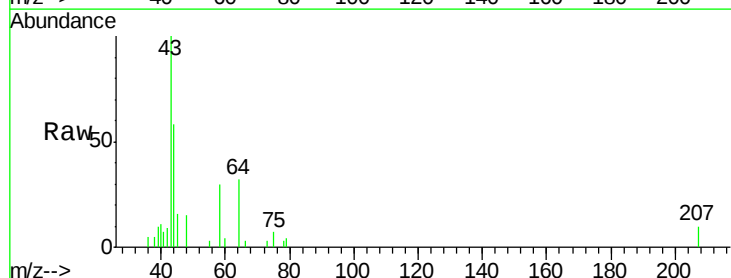
Acq: 25 Nov 2020 03:32

Tgt Ion: 43 Resp: 3007

Ion Ratio Lower Upper

43 100

58 32.3 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

2000

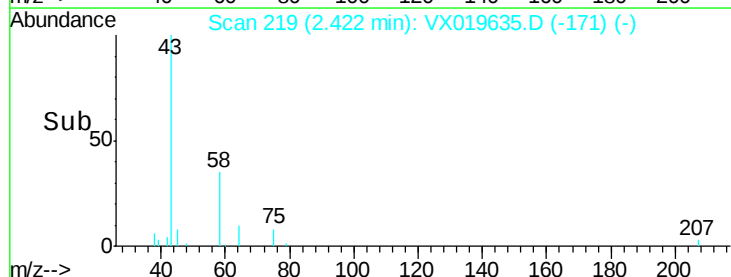
1500

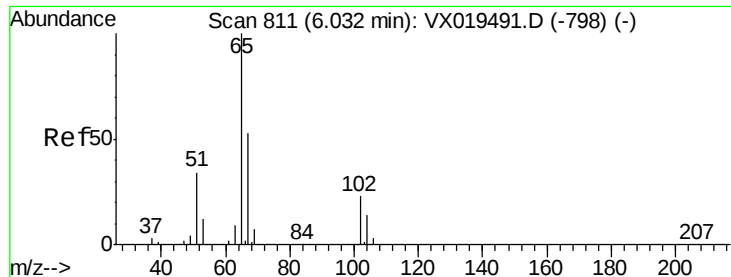
1000

500

0

Time-->

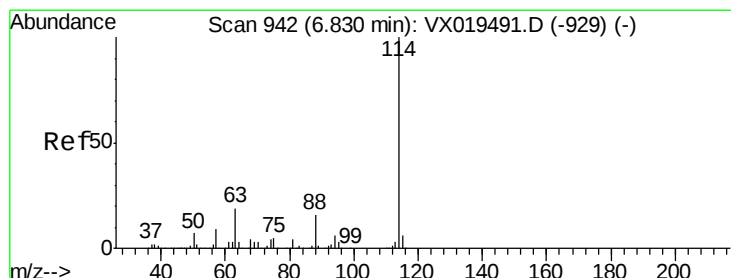
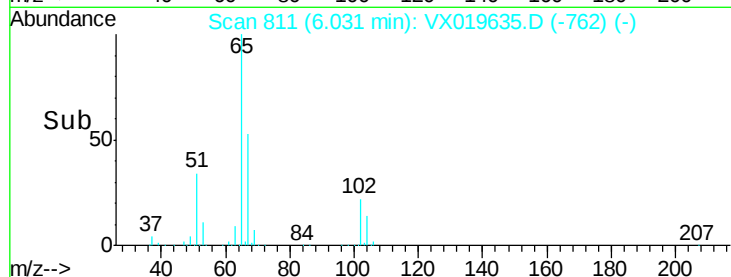
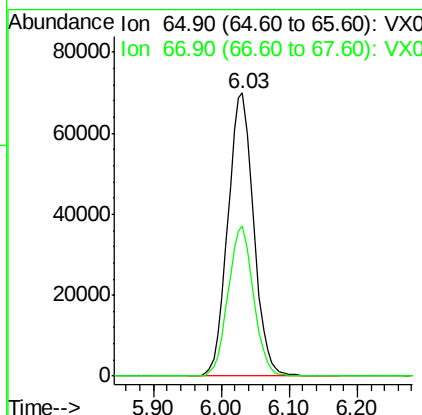
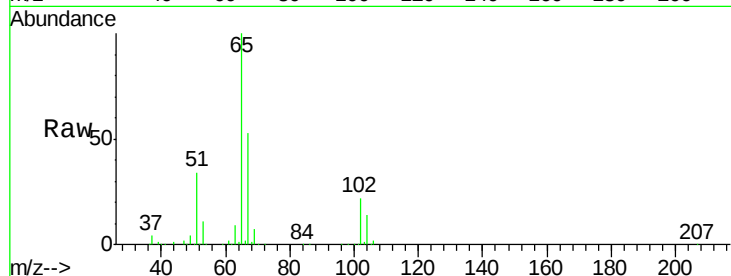




#33
 1,2-Dichloroethane-d4
 Concen: 47.712 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019635.D
 Acq: 25 Nov 2020 03:32

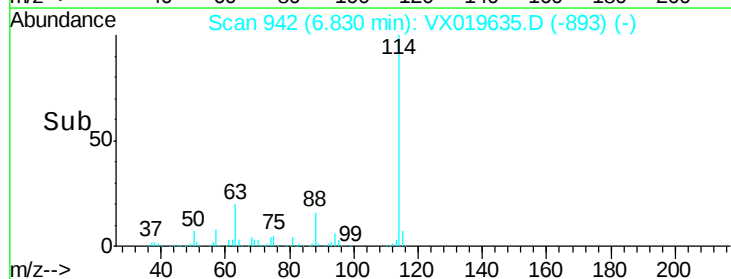
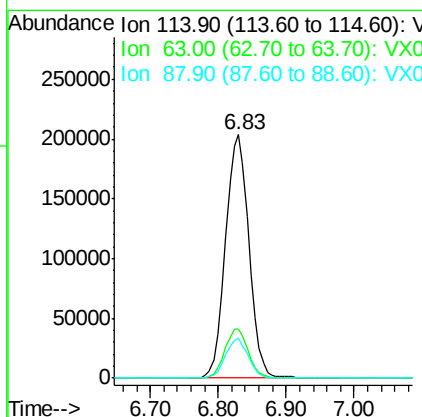
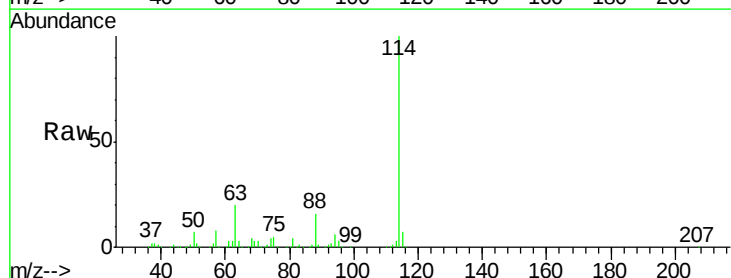
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119

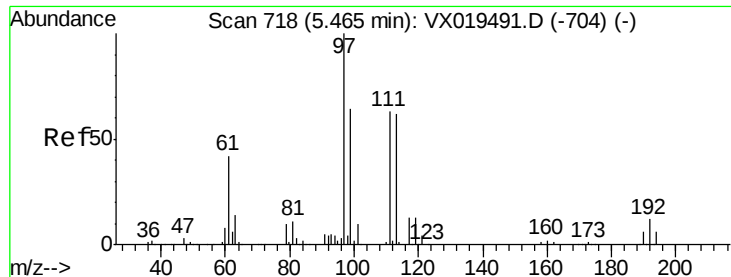
Tot Ion: 65 Resp: 183707
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019635.D
 Acq: 25 Nov 2020 03:32

Tgt Ion: 114 Resp: 483878
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.8
 88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.943 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019635.D

Acq: 25 Nov 2020 03:32

Instrument :

MSVOA_X

ClientSampled :

GR-OF-20201119

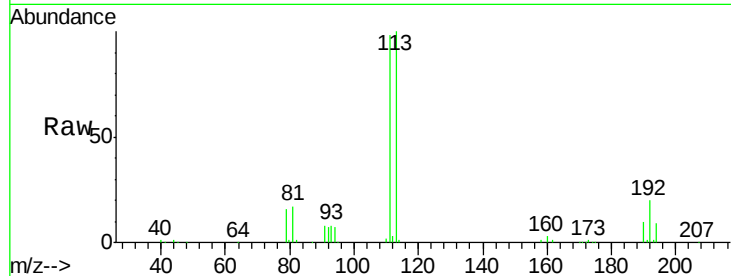
Tot Ion:113 Resp: 145618

Ion Ratio Lower Upper

113 100

111 101.0 81.5 122.3

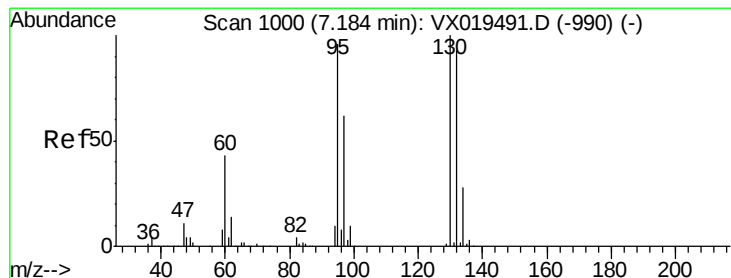
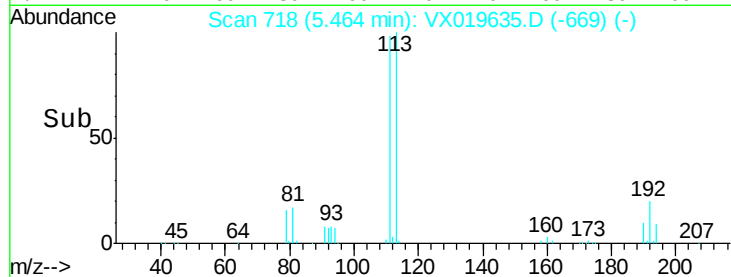
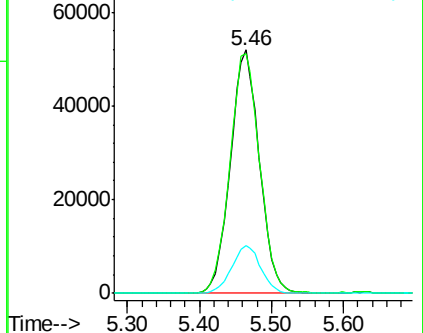
192 19.7 16.2 24.2



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: 0.853 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019635.D

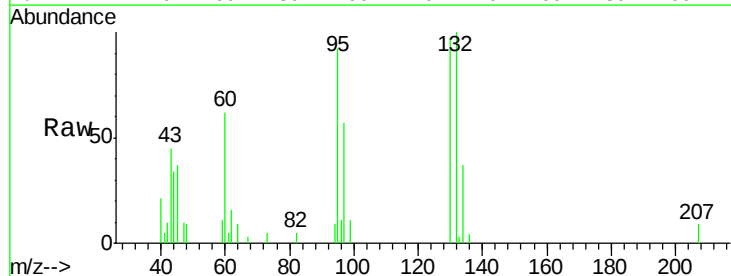
Acq: 25 Nov 2020 03:32

Tgt Ion:130 Resp: 3116

Ion Ratio Lower Upper

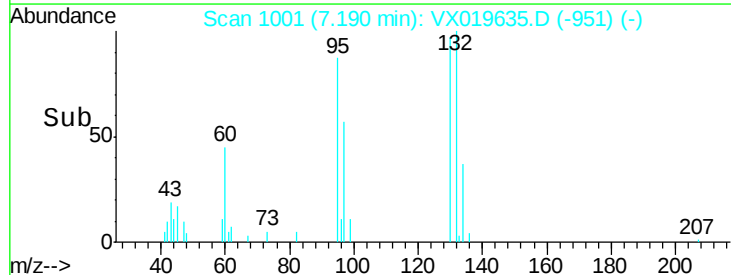
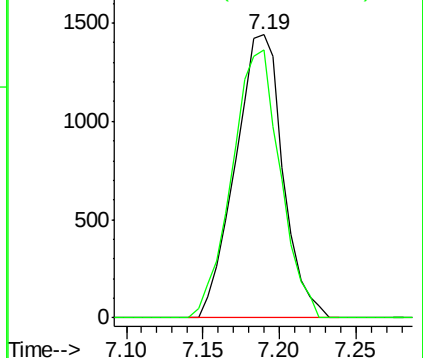
130 100

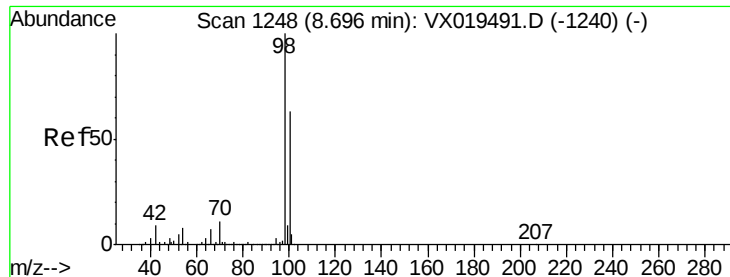
95 94.7 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.645 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019635.D

Acq: 25 Nov 2020 03:32

Instrument :

MSVOA_X

ClientSampleId :

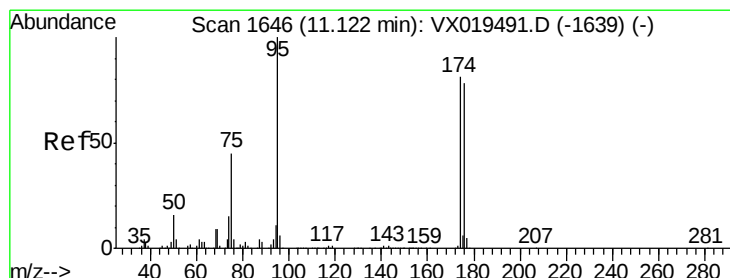
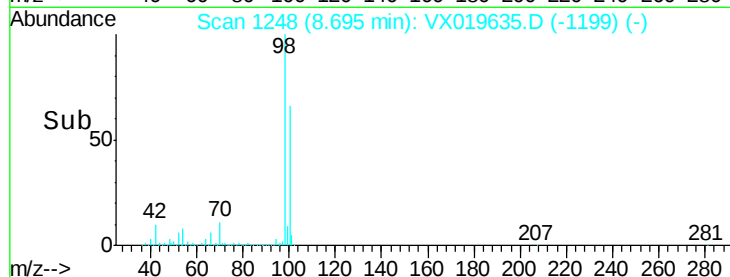
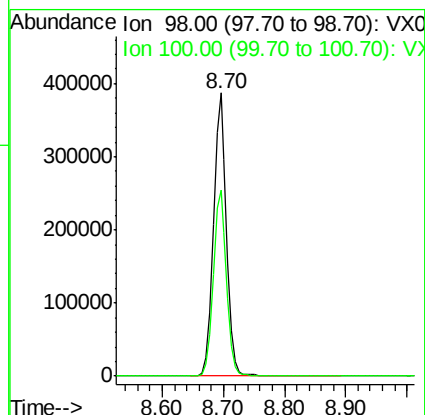
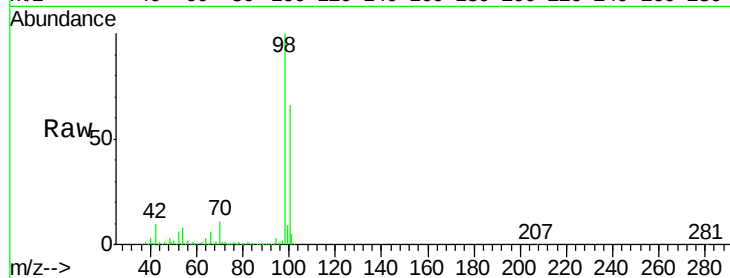
GR-OF-20201119

Tot Ion: 98 Resp: 585938

Ion Ratio Lower Upper

98 100

100 67.0 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.573 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019635.D

Acq: 25 Nov 2020 03:32

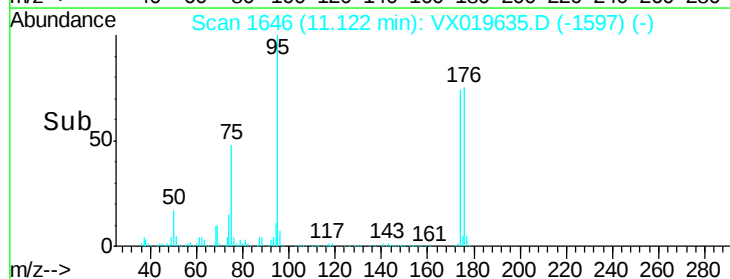
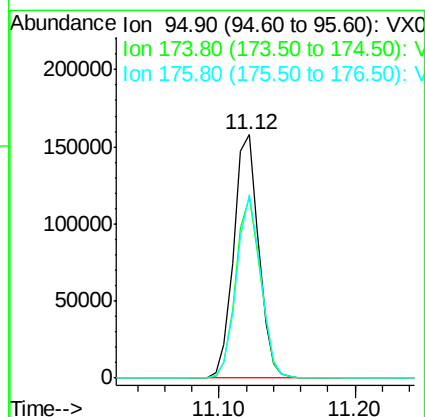
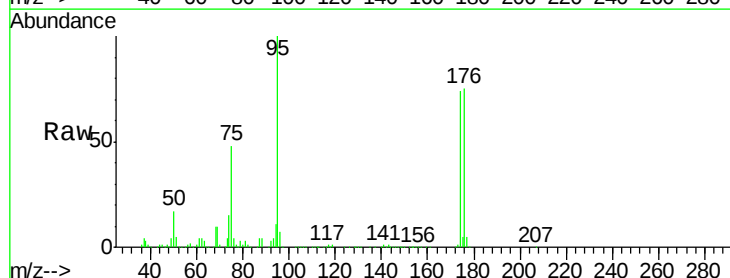
Tgt Ion: 95 Resp: 202015

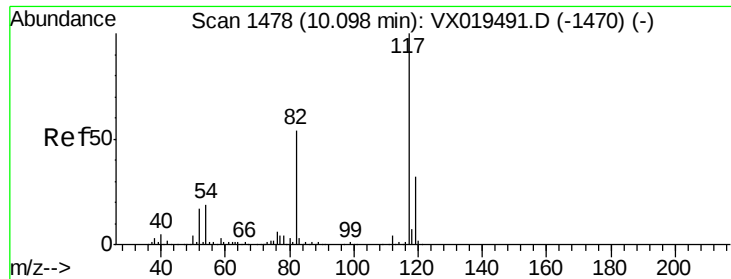
Ion Ratio Lower Upper

95 100

174 73.9 0.0 156.2

176 73.5 0.0 151.4

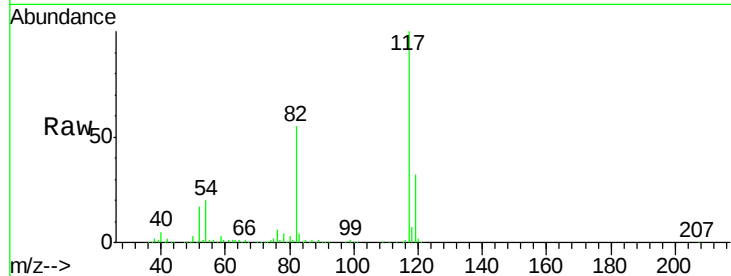




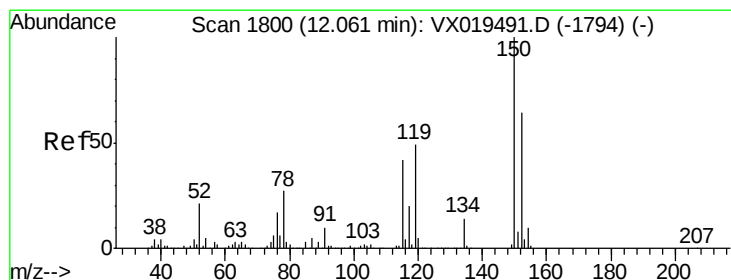
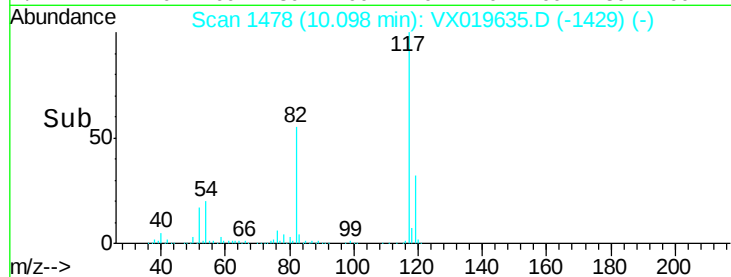
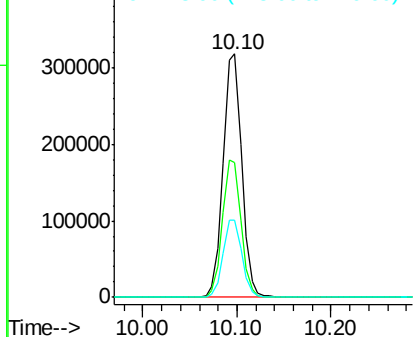
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019635.D
Acq: 25 Nov 2020 03:32

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119

Tot Ion:117 Resp: 437603
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 31.8 25.6 38.4

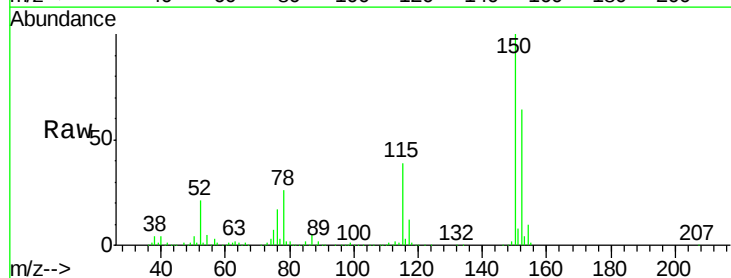


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019635.D
Acq: 25 Nov 2020 03:32

Tgt Ion:152 Resp: 174930
Ion Ratio Lower Upper
152 100
115 61.1 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

