

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019603.D
 Acq On : 24 Nov 2020 14:22
 Operator : JC/MD
 Sample : L4840-05 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16858

Quant Time: Nov 25 05:11:32 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	307500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	503915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	440833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186269	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190019	47.66	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.32%
35) Dibromofluoromethane	5.46	113	148269	46.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.74%
50) Toluene-d8	8.70	98	599356	48.76	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.52%
62) 4-Bromofluorobenzene	11.12	95	202580	45.81	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.62%

Target Compounds

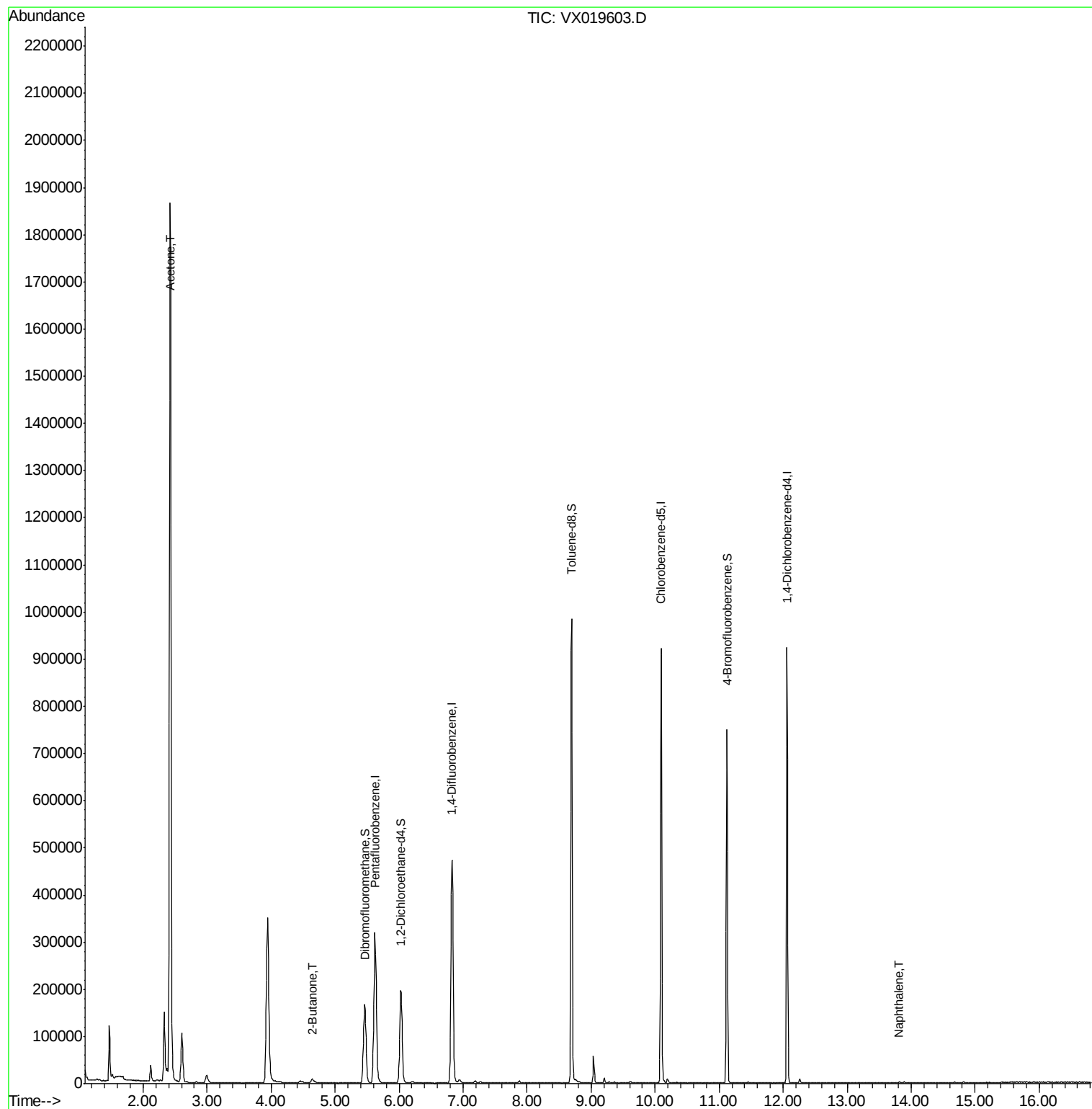
					Qvalue
16) Acetone	2.42	43	1947910	1263.364	ug/l 99
25) 2-Butanone	4.64	43	13401	5.786	ug/l 93
95) Naphthalene	13.82	128	1761	2.301	ug/l # 91

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

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
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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: VX019603.D

Acq: 24 Nov 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

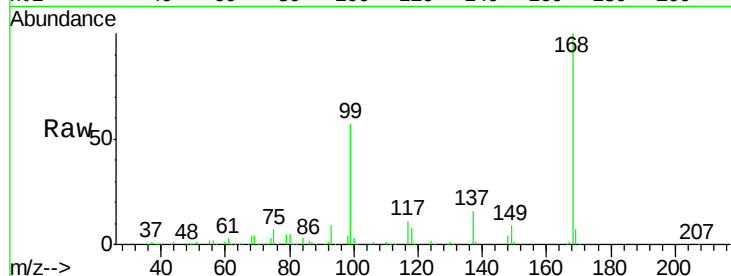
16858

Tot Ion:168 Resp: 307500

Ion Ratio Lower Upper

168 100

99 57.1 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

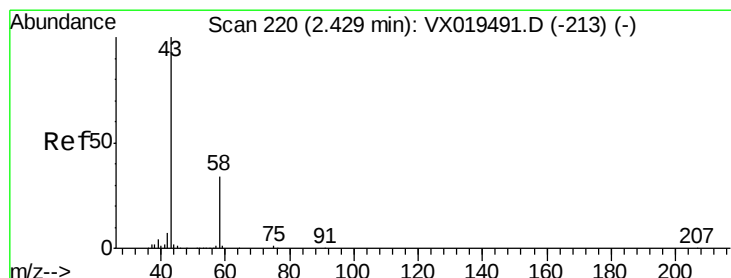
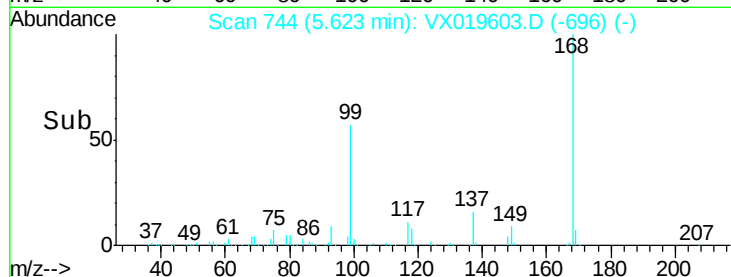
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1263.364 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019603.D

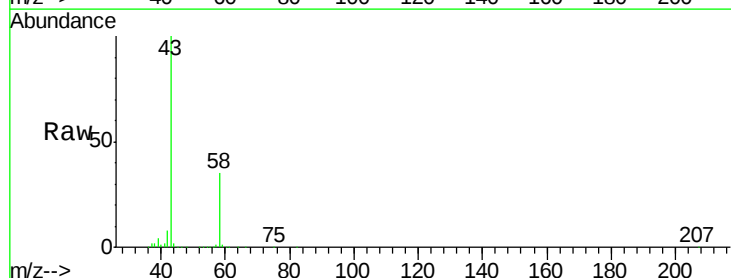
Acq: 24 Nov 2020 14:22

Tgt Ion: 43 Resp: 1947910

Ion Ratio Lower Upper

43 100

58 34.9 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

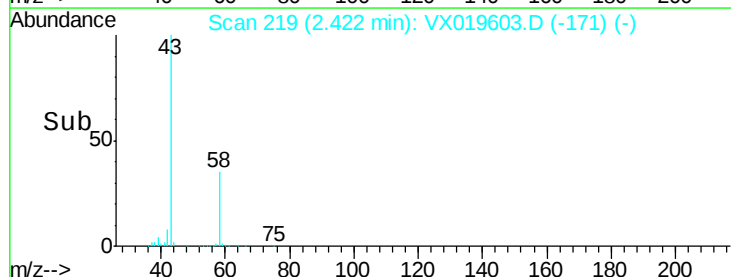
2.42

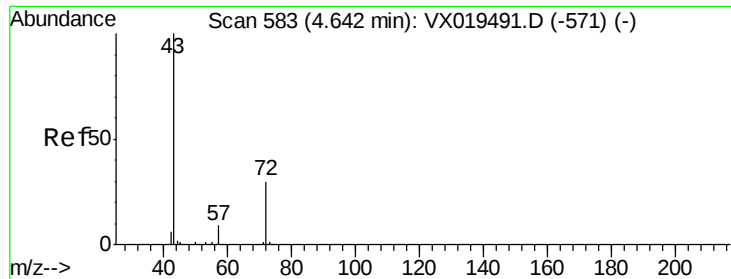
1000000

500000

0

Time-->





#25

2-Butanone

Concen: 5.786 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019603.D

Acq: 24 Nov 2020 14:22

Instrument :

MSVOA_X

ClientSampled :

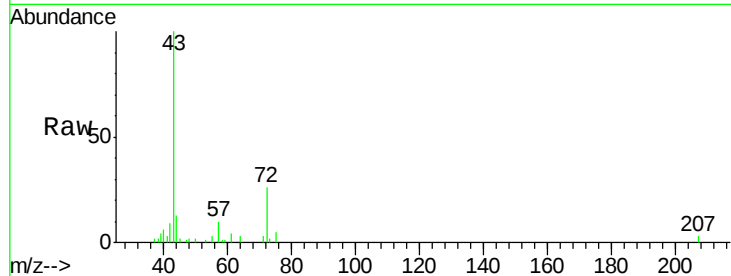
16858

Tot Ion: 43 Resp: 13401

Ion Ratio Lower Upper

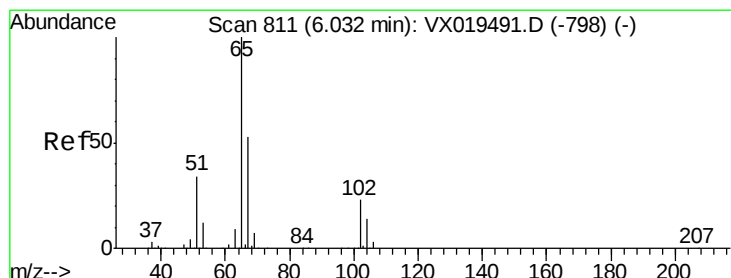
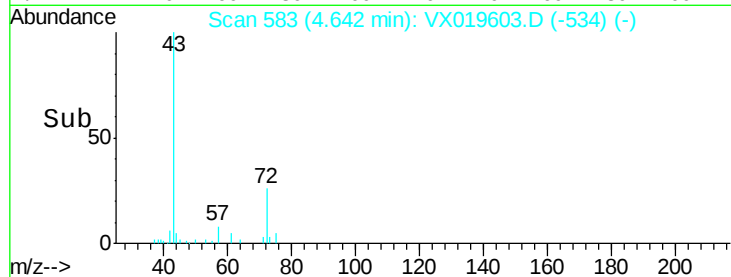
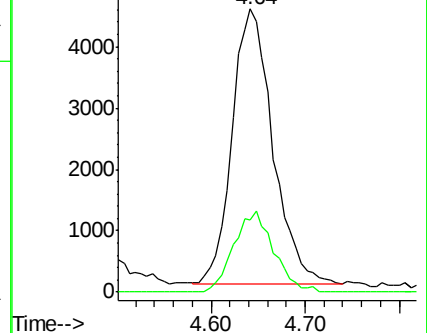
43 100

72 26.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.660 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019603.D

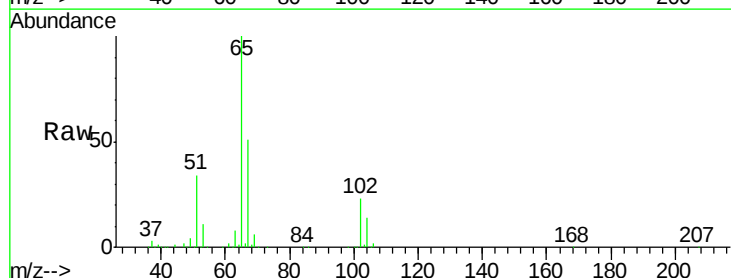
Acq: 24 Nov 2020 14:22

Tgt Ion: 65 Resp: 190019

Ion Ratio Lower Upper

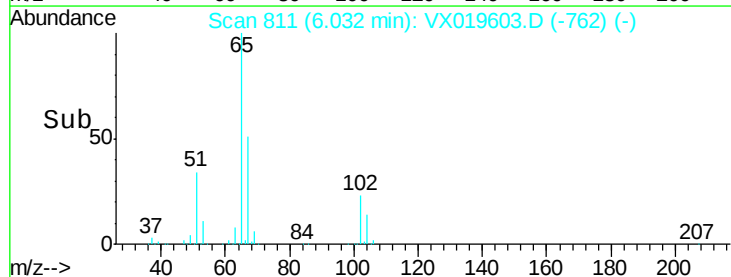
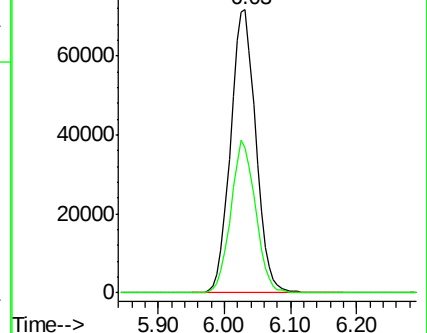
65 100

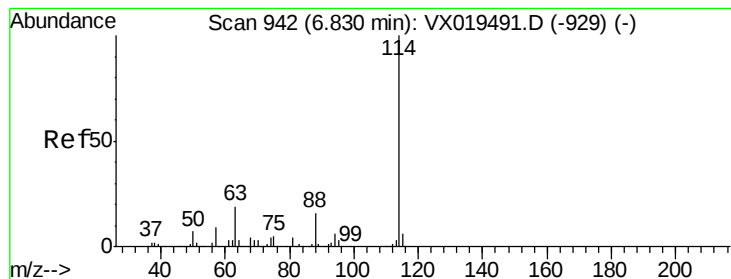
67 52.5 0.0 105.0



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: VX019603.D

Acq: 24 Nov 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

16858

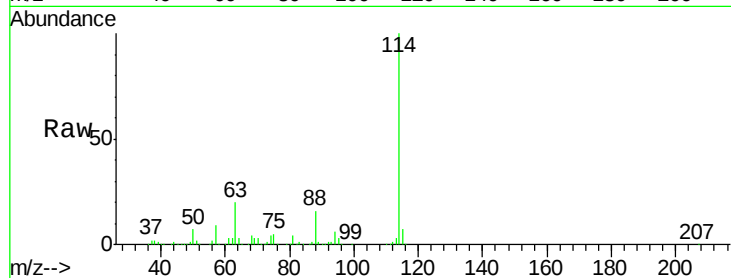
Tot Ion:114 Resp: 503915

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

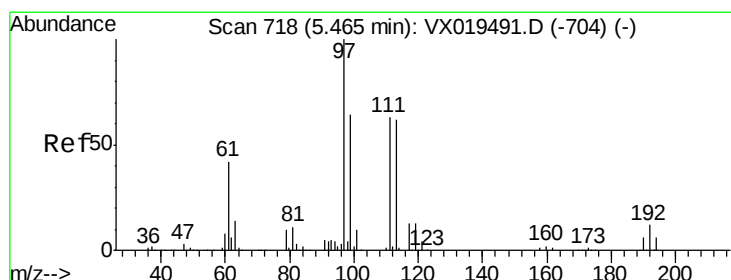
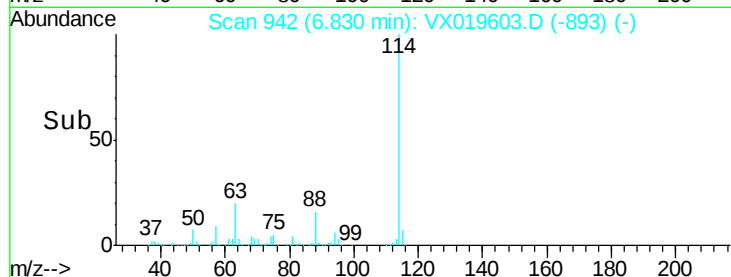
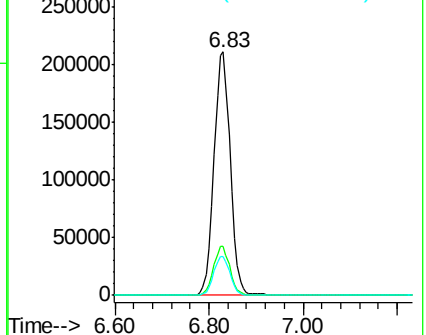
88 15.7 0.0 31.6



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: 46.875 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019603.D

Acq: 24 Nov 2020 14:22

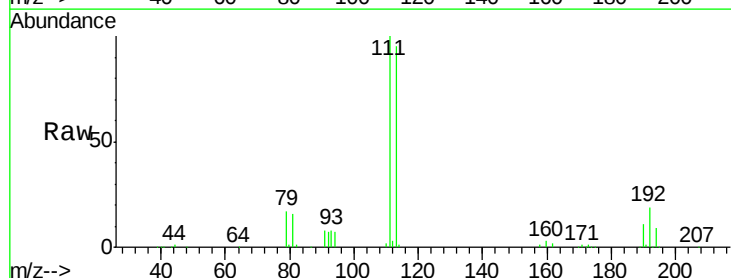
Tgt Ion:113 Resp: 148269

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

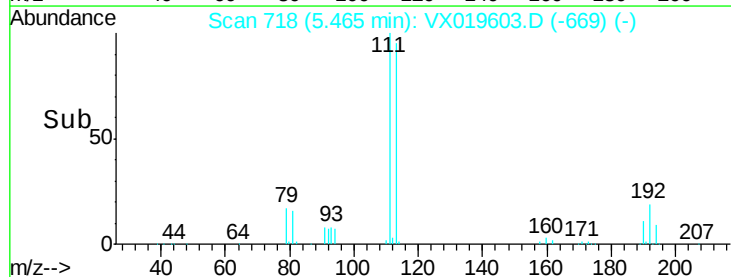
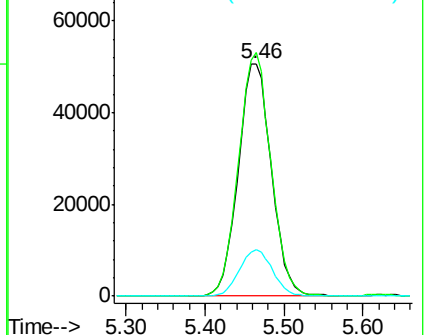
192 20.0 16.2 24.2

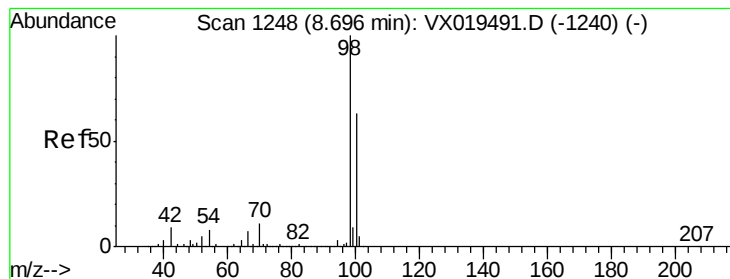


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.762 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019603.D

Acq: 24 Nov 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

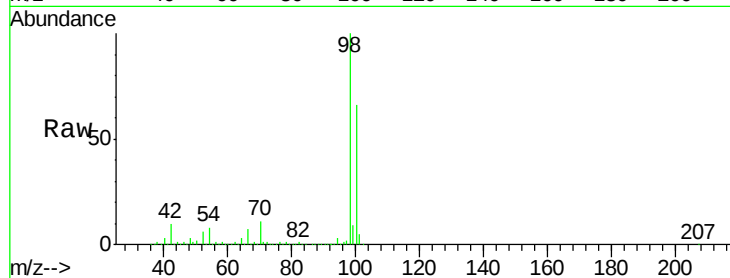
16858

Tot Ion: 98 Resp: 599356

Ion Ratio Lower Upper

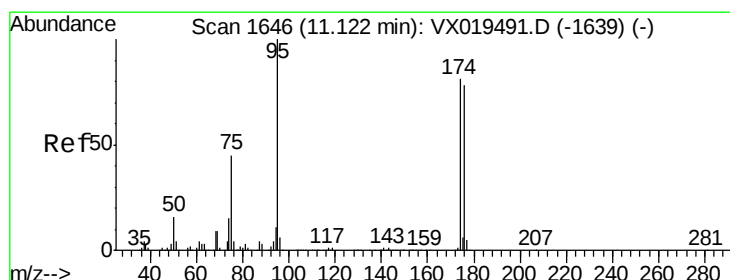
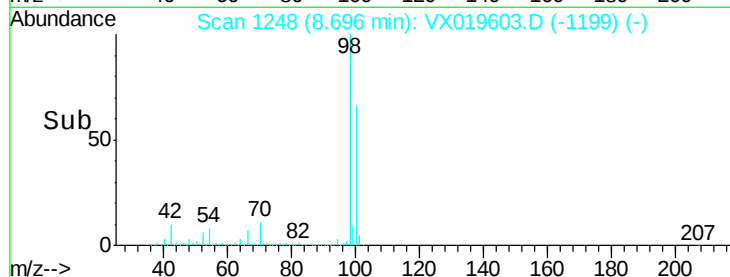
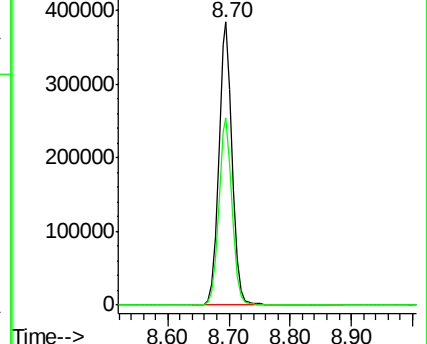
98 100

100 66.1 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: 45.809 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019603.D

Acq: 24 Nov 2020 14:22

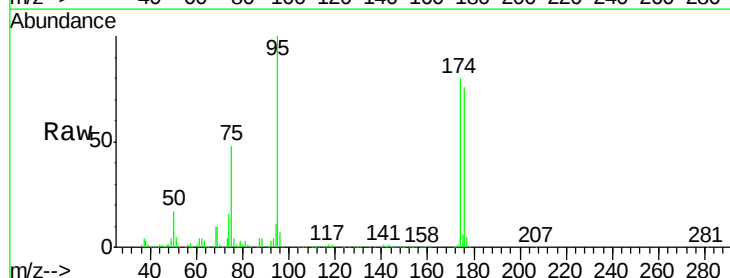
Tgt Ion: 95 Resp: 202580

Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.2

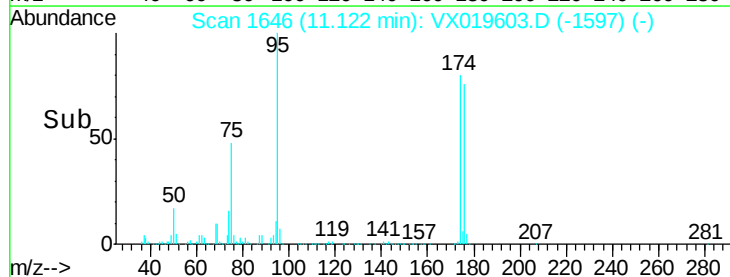
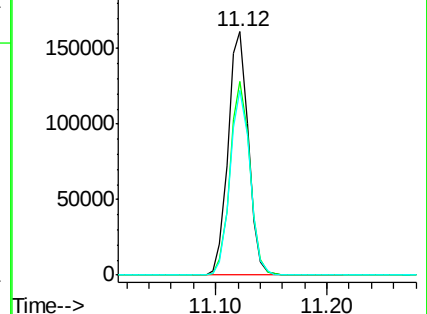
176 75.4 0.0 151.4

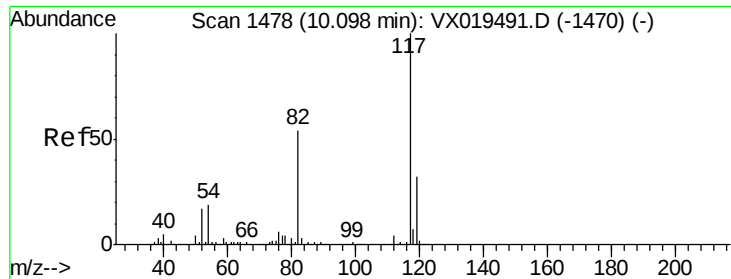


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

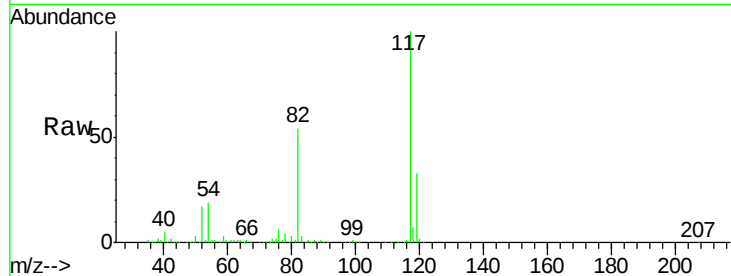




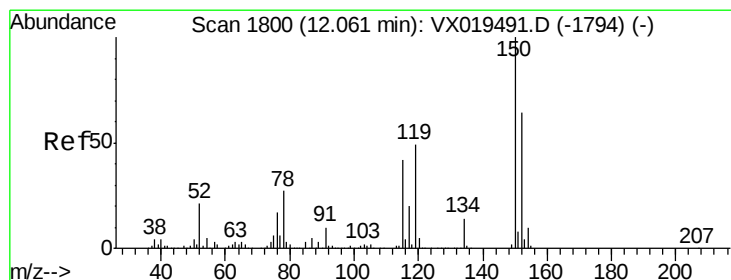
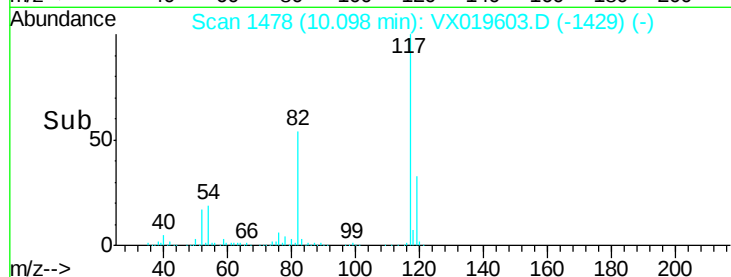
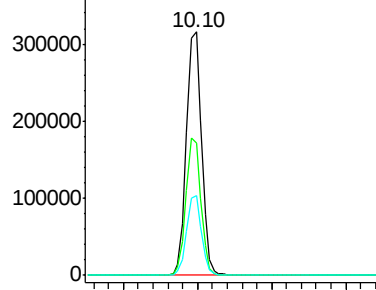
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019603.D
Acq: 24 Nov 2020 14:22

Instrument :
MSVOA_X
ClientSampleId :
16858

Tot Ion:117 Resp: 440833
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.9 25.6 38.4

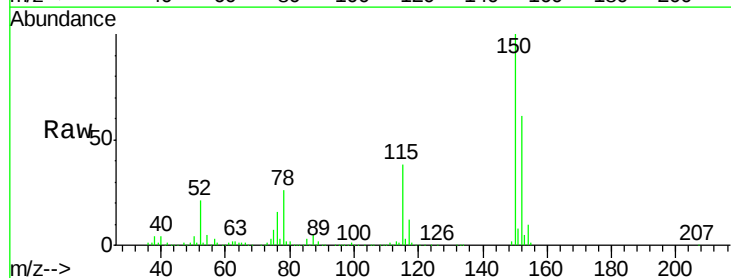


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

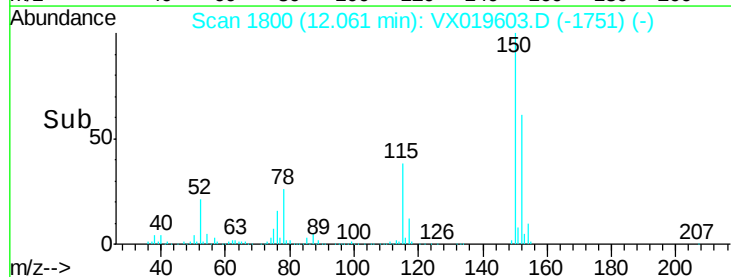
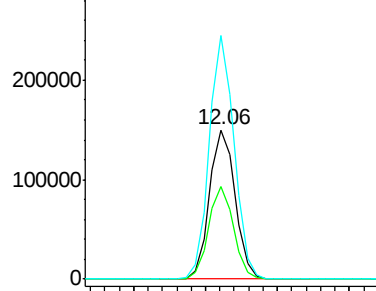


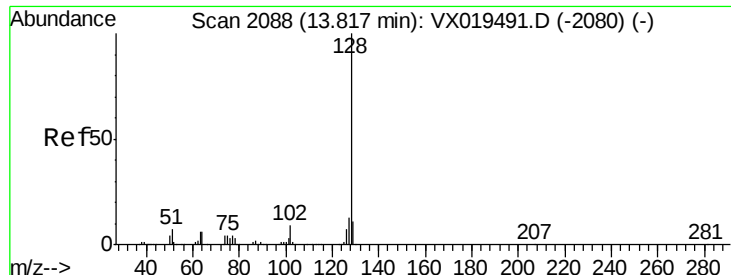
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019603.D
Acq: 24 Nov 2020 14:22

Tgt Ion:152 Resp: 186269
Ion Ratio Lower Upper
152 100
115 60.5 41.8 125.4
150 157.8 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: 2.301 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019603.D

Acq: 24 Nov 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

16858

Tot Ion:128 Resp: 1761

Ion Ratio Lower Upper

128 100

127 17.8 10.3 15.5#

129 9.0 8.7 13.1

