

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019608.D
 Acq On : 24 Nov 2020 16:18
 Operator : JC/MD
 Sample : L4889-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-788-790

Quant Time: Nov 25 05:40:36 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	298751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	493548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174996	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	187907	48.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.02%
35) Dibromofluoromethane	5.46	113	147378	47.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.14%
50) Toluene-d8	8.70	98	588896	48.92	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.84%
62) 4-Bromofluorobenzene	11.12	95	196435	45.35	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.70%

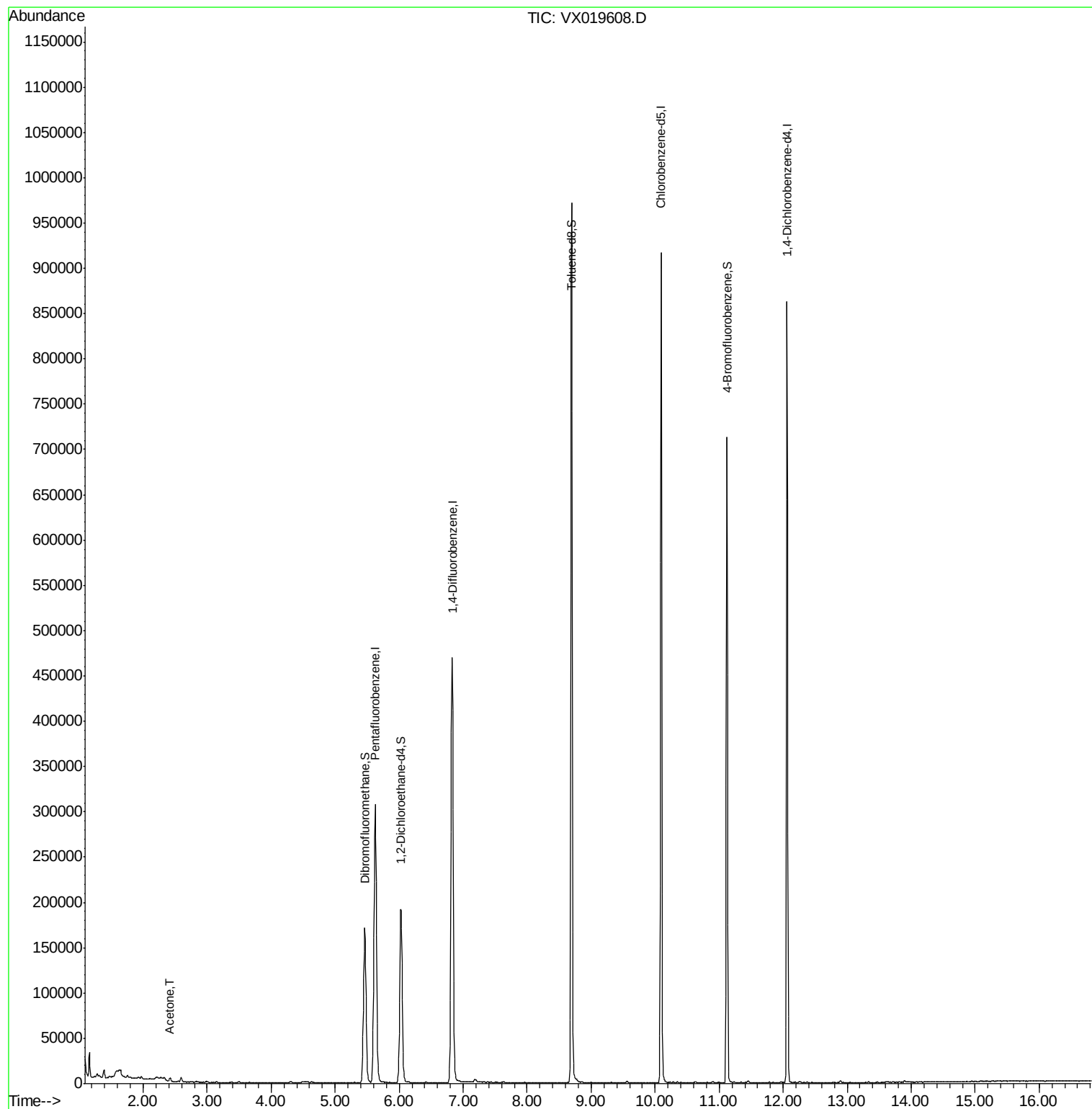
Target Compounds					Qvalue
16) Acetone	2.42	43	3737	2.495 ug/l	94

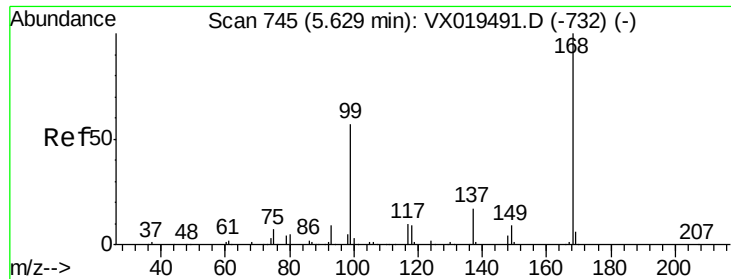
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019608.D

Acq: 24 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

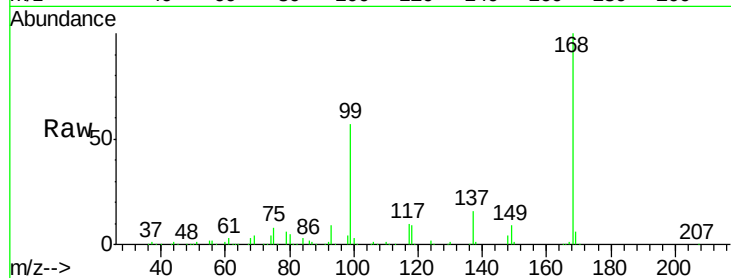
BP-VPB178-GW-788-790

Tot Ion:168 Resp: 298751

Ion Ratio Lower Upper

168 100

99 56.8 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

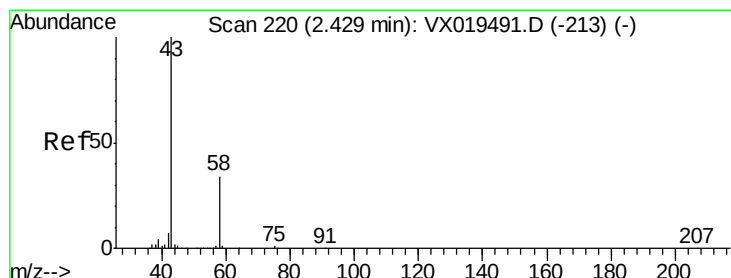
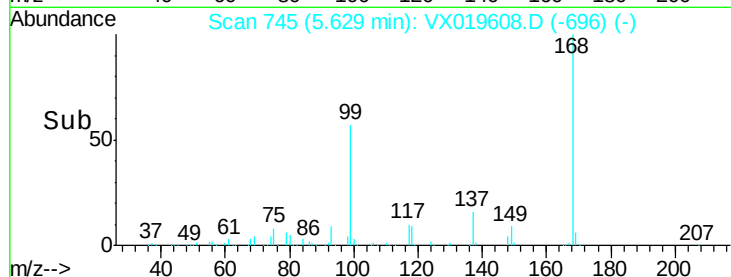
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.495 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019608.D

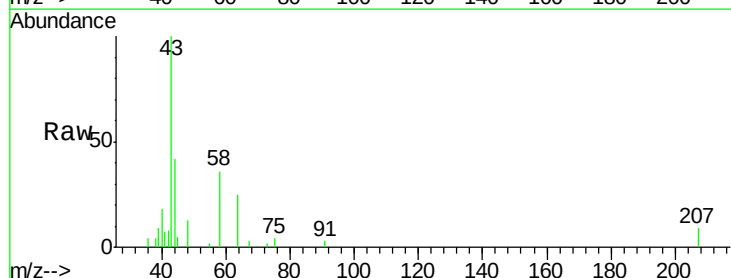
Acq: 24 Nov 2020 16:18

Tgt Ion: 43 Resp: 3737

Ion Ratio Lower Upper

43 100

58 37.8 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

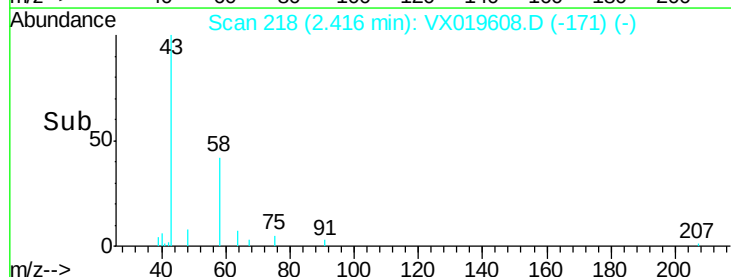
1500

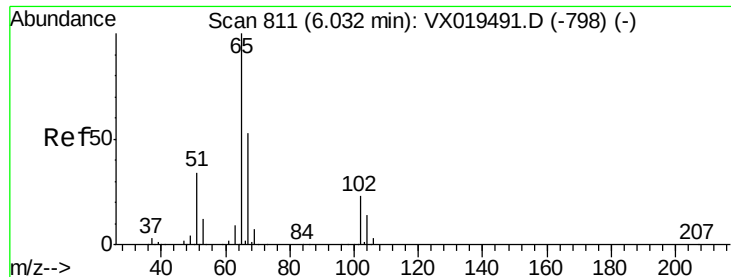
1000

500

0

Time-->

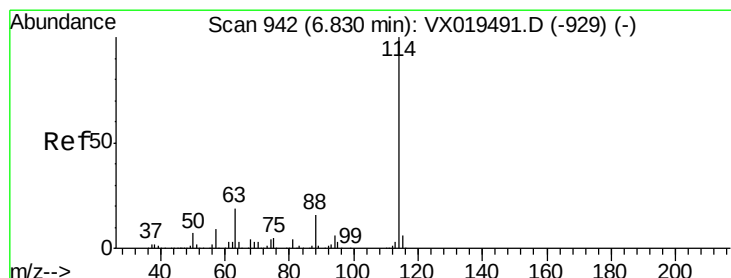
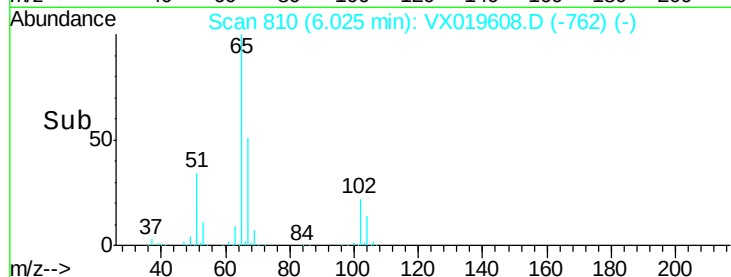
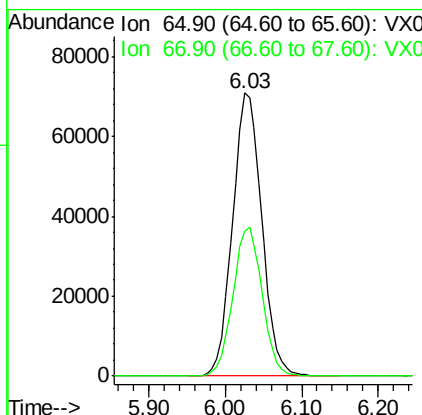
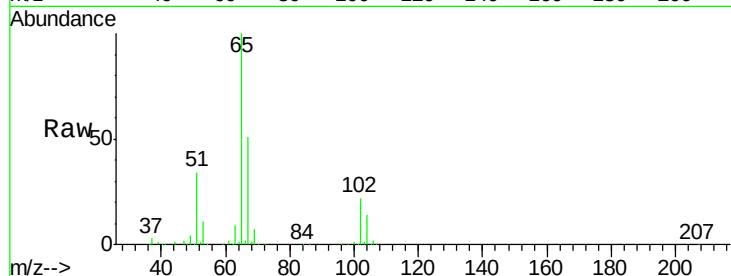




#33
 1,2-Dichloroethane-d4
 Concen: 48.510 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019608.D
 Acq: 24 Nov 2020 16:18

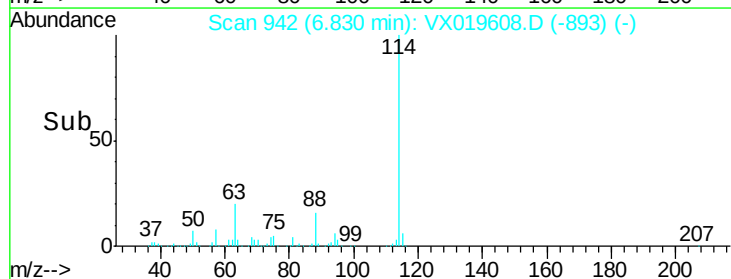
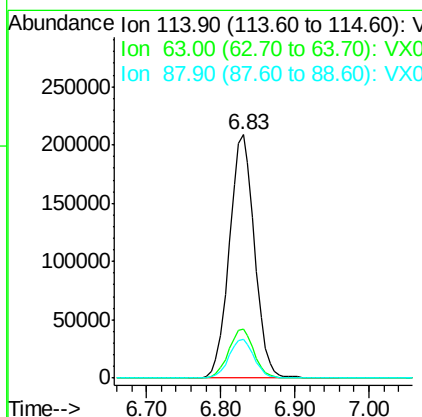
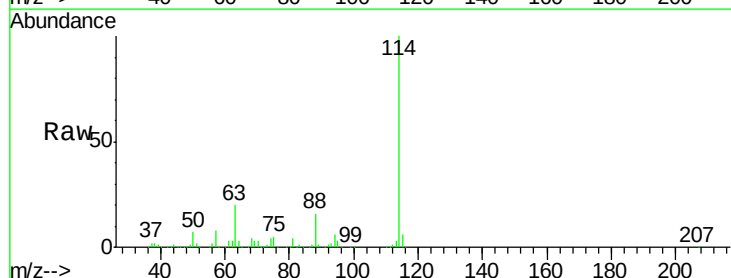
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-788-790

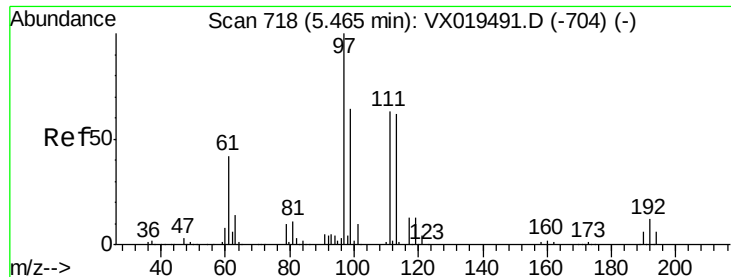
Tot Ion: 65 Resp: 187907
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019608.D
 Acq: 24 Nov 2020 16:18

Tgt Ion: 114 Resp: 493548
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.8
 88 16.2 0.0 31.6

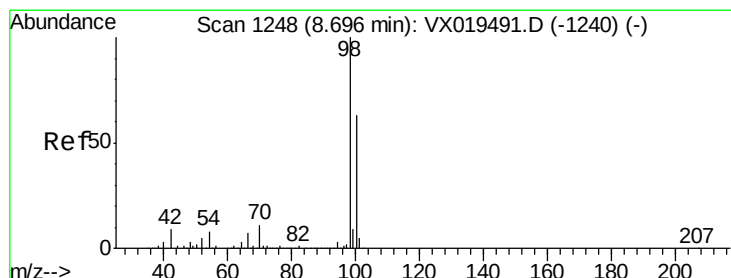
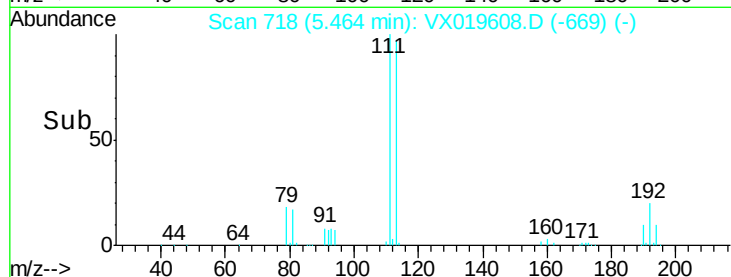
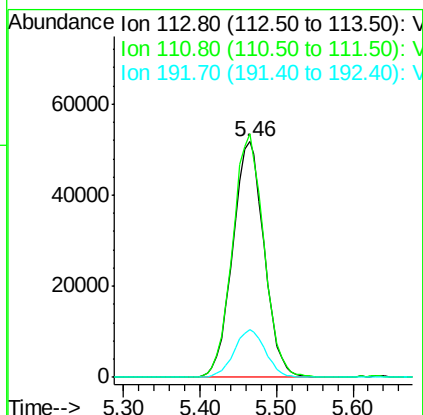
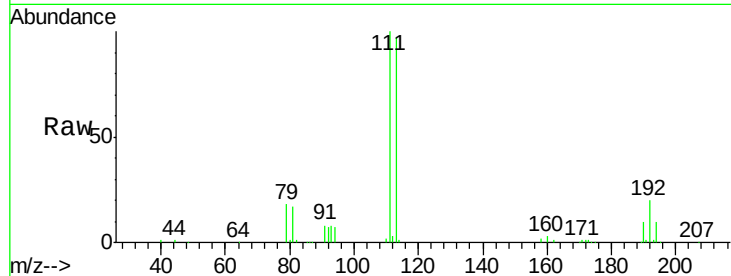




#35
 Dibromofluoromethane
 Concen: 47.572 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019608.D
 Acq: 24 Nov 2020 16:18

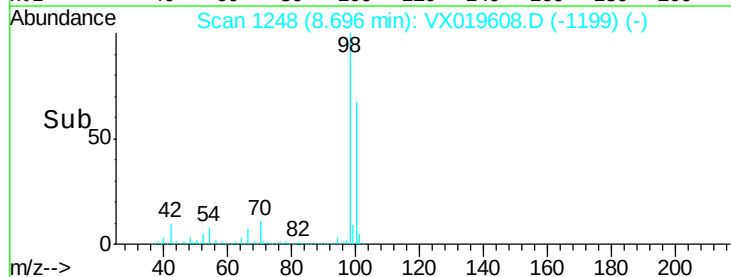
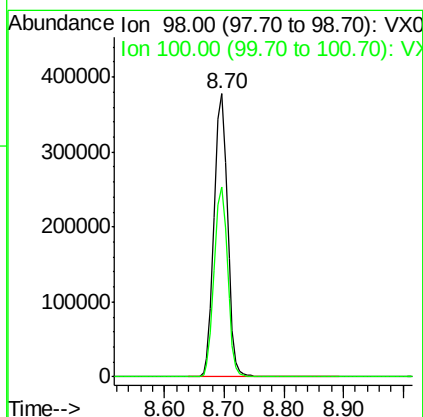
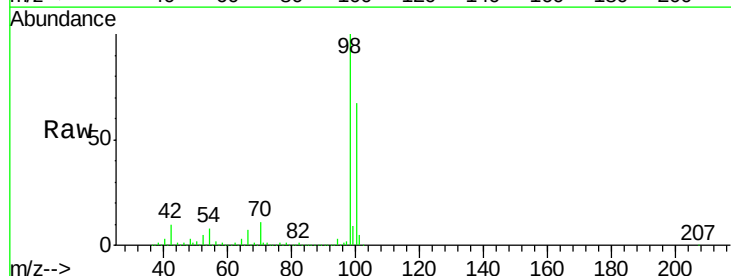
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-788-790

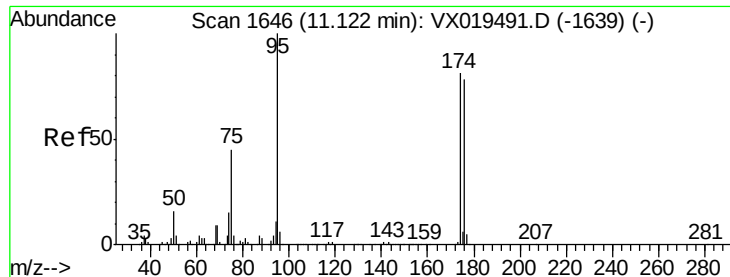
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	20.1	16.2	24.2



#50
 Toluene-d8
 Concen: 48.918 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019608.D
 Acq: 24 Nov 2020 16:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 45.352 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019608.D

Acq: 24 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-788-790

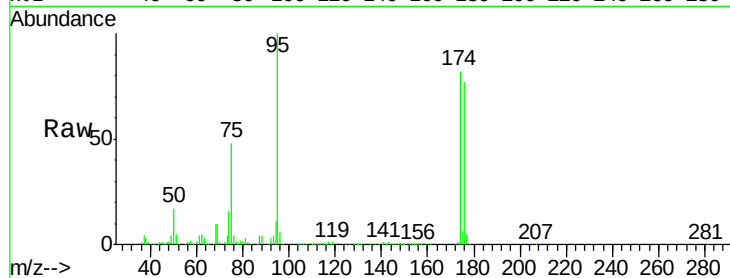
Tot Ion: 95 Resp: 196435

Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.2

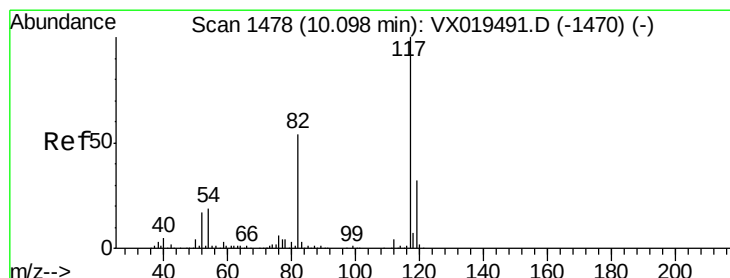
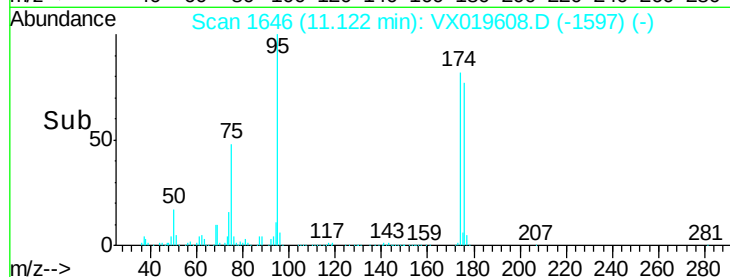
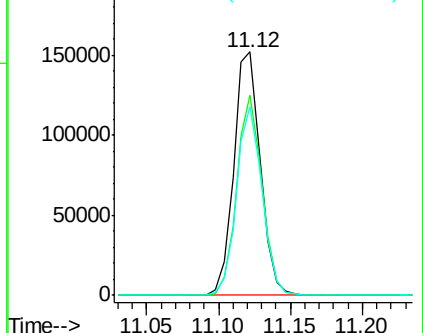
176 74.1 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX019491.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019491.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019491.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019608.D

Acq: 24 Nov 2020 16:18

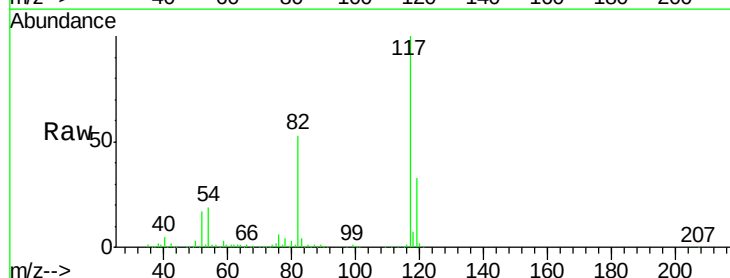
Tgt Ion: 117 Resp: 438748

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.4

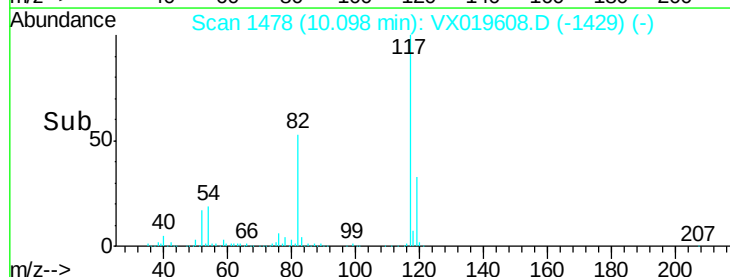
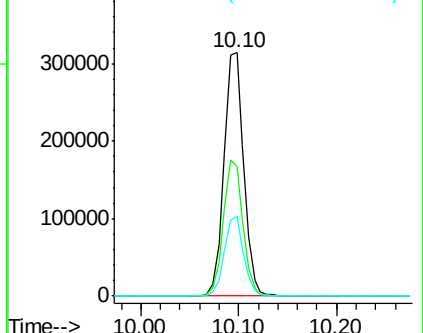
119 32.6 25.6 38.4

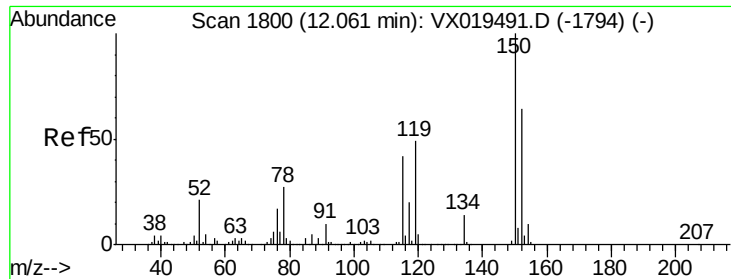


Abundance Ion 116.90 (116.60 to 117.60): VX019491.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019491.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019491.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019608.D

Acq: 24 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-788-790

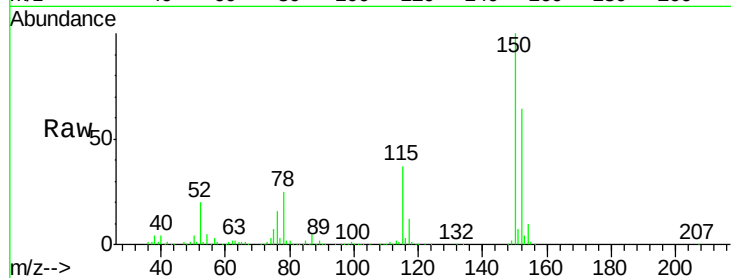
Tot Ion:152 Resp: 174996

Ion Ratio Lower Upper

152 100

115 59.3 41.8 125.4

150 155.9 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

