

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018227.D
 Acq On : 03 Sep 2020 12:21
 Operator : JC/SP
 Sample : L3874-01 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31216

Quant Time: Sep 04 02:02:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

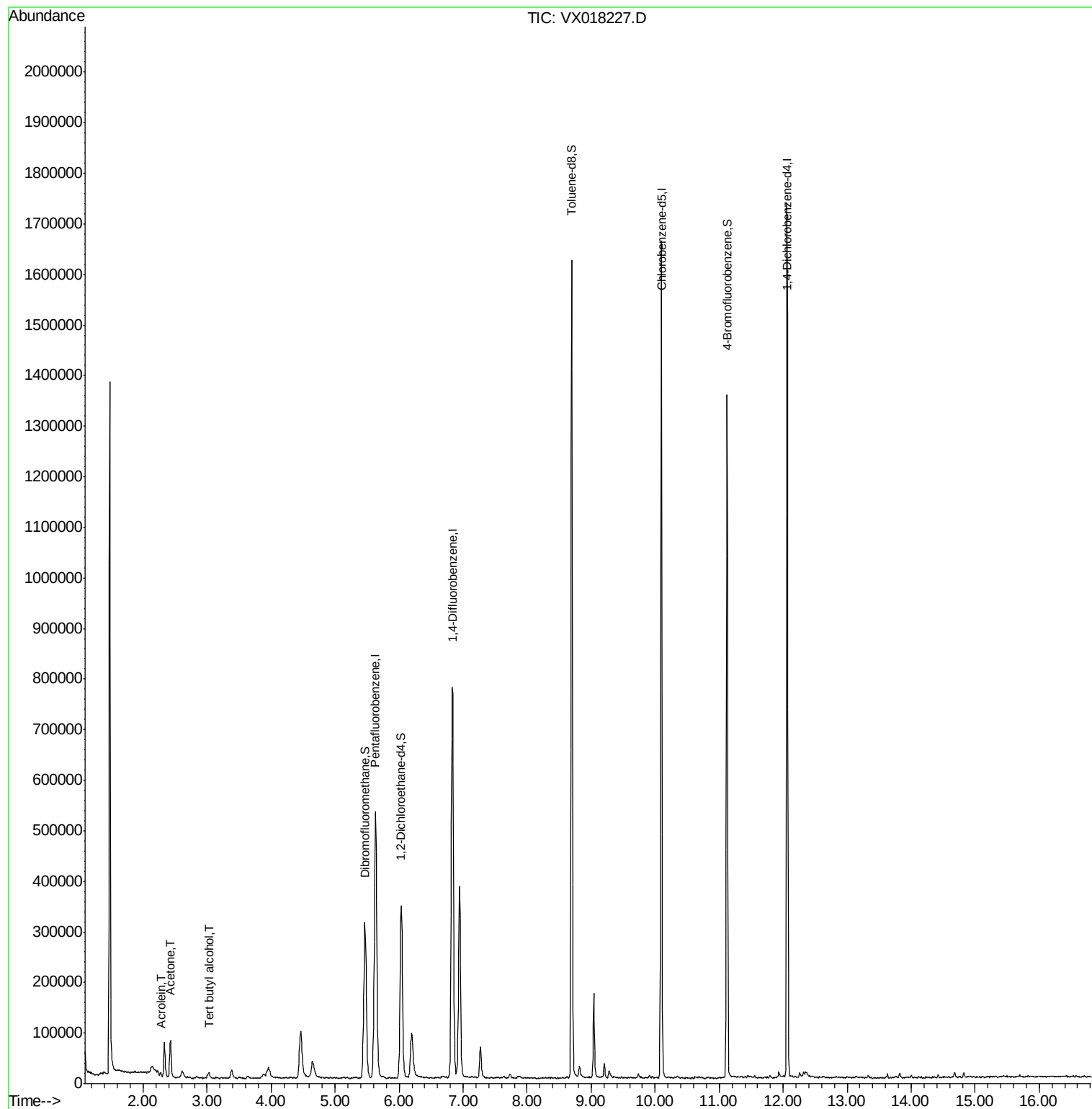
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	477289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	771647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	731914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	355724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	344465	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
35) Dibromofluoromethane	5.46	113	266995	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	8.70	98	928054	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.12	95	340336	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
Target Compounds						
11) Tert butyl alcohol	3.03	59	16563	12.856	ug/l	100
13) Acrolein	2.28	56	5643	10.563	ug/l	97
16) Acetone	2.43	43	81889	31.717	ug/l	94

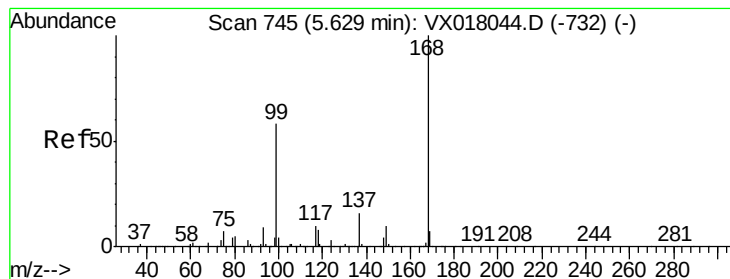
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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ClientSampleId :

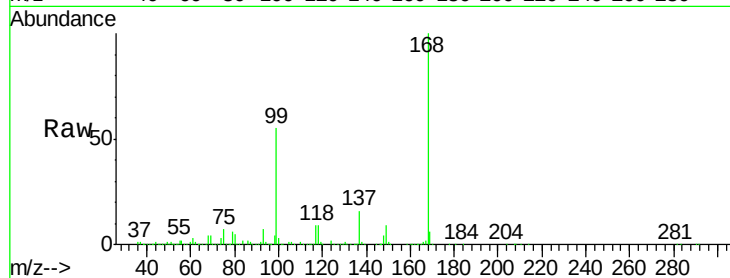
31216

Tot Ion:168 Resp: 477289

Ion Ratio Lower Upper

168 100

99 55.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

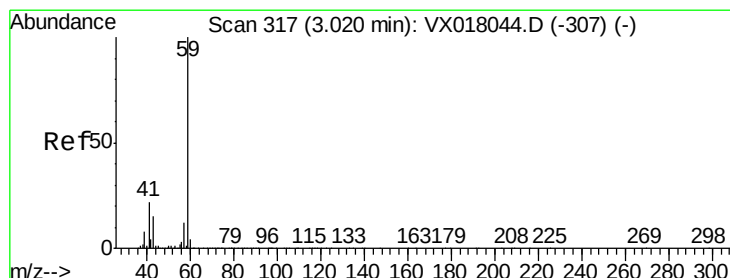
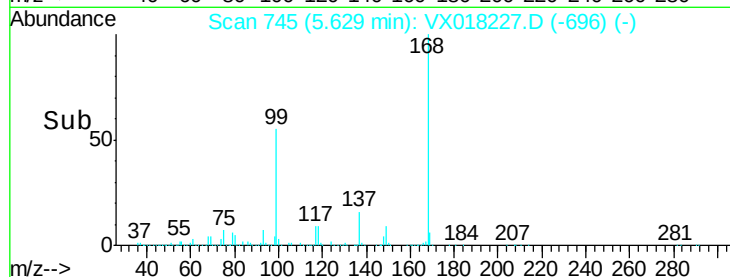
100000

50000

0

Time-->

5.50 5.60 5.70



#11

Tert butyl alcohol

Concen: 12.856 ug/l

RT: 3.03 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX018227.D

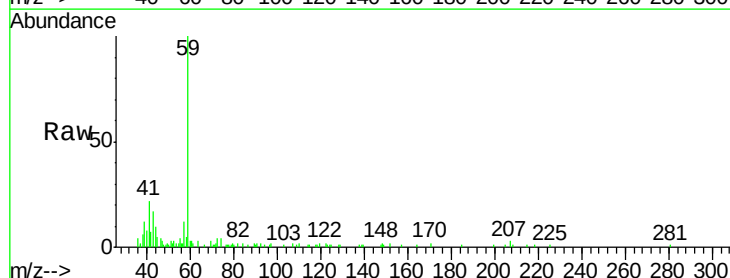
Acq: 03 Sep 2020 12:21

Tgt Ion: 59 Resp: 16563

Ion Ratio Lower Upper

59 100

57 11.1 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

8000

6000

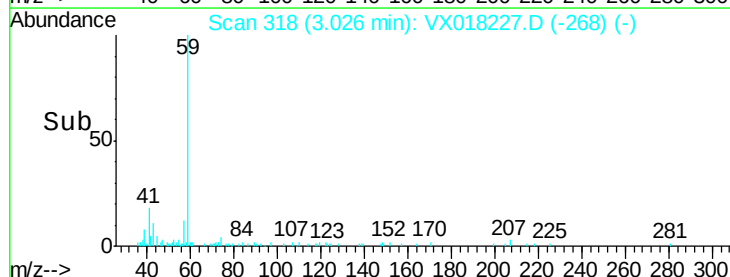
4000

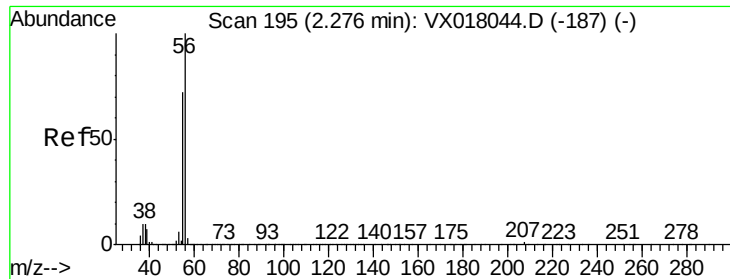
2000

0

Time-->

2.90 3.00 3.10

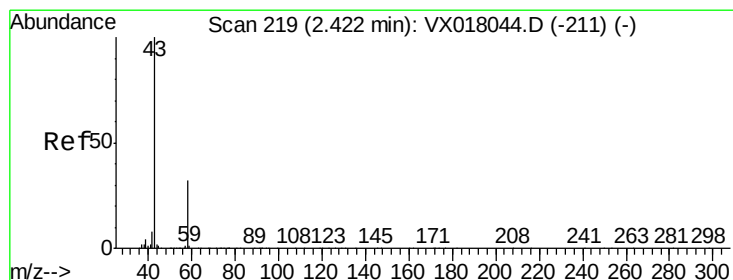
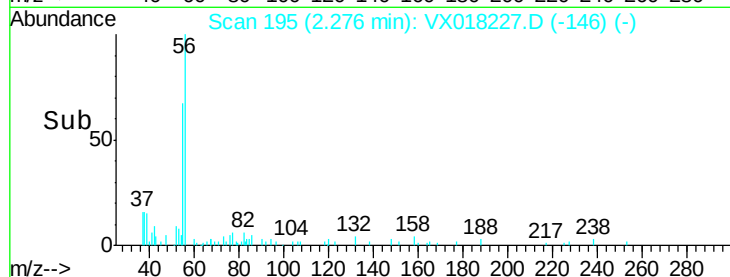
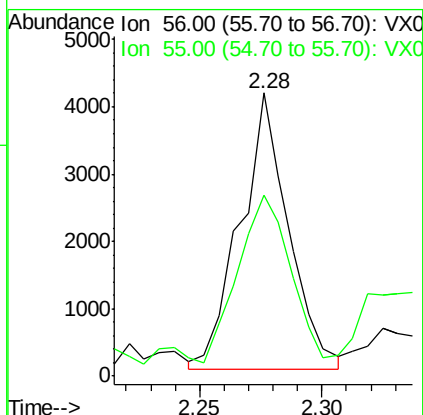
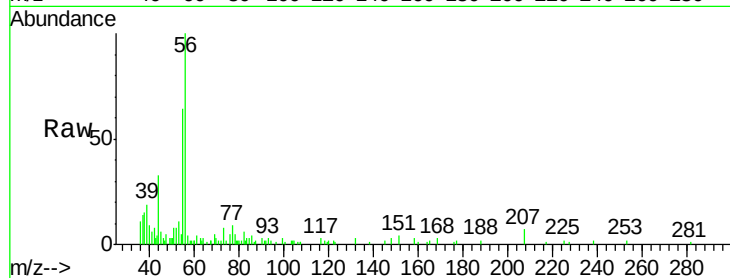




#13
Acrolein
Concen: 10.563 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018227.D
Acq: 03 Sep 2020 12:21

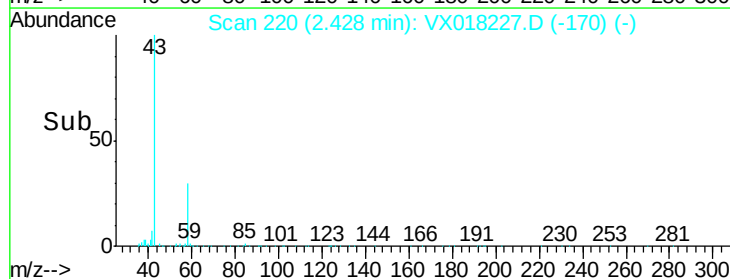
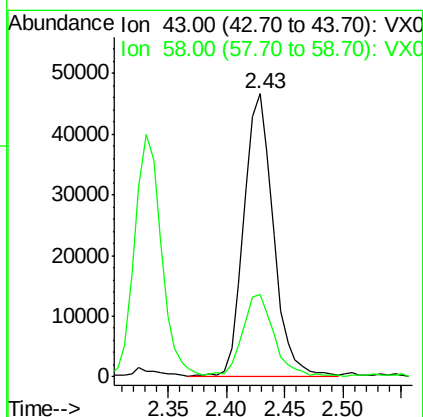
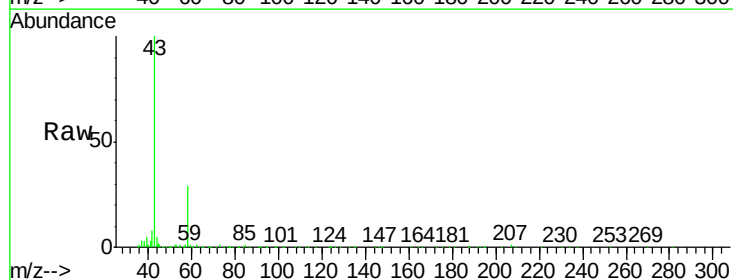
Instrument :
MSVOA_X
ClientSampleId :
31216

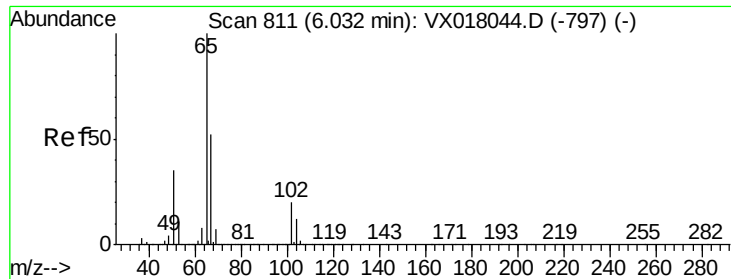
Tot Ion: 56 Resp: 5643
Ion Ratio Lower Upper
56 100
55 73.4 57.0 85.6



#16
Acetone
Concen: 31.717 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX018227.D
Acq: 03 Sep 2020 12:21

Tgt Ion: 43 Resp: 81889
Ion Ratio Lower Upper
43 100
58 28.5 25.5 38.3

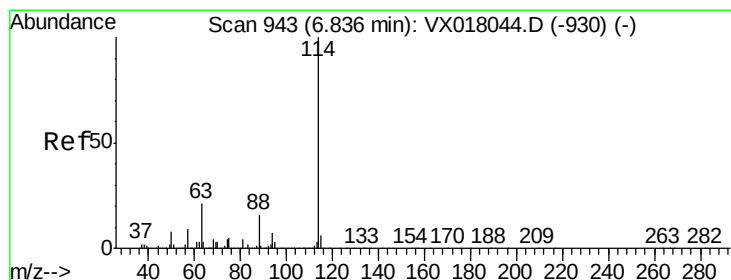
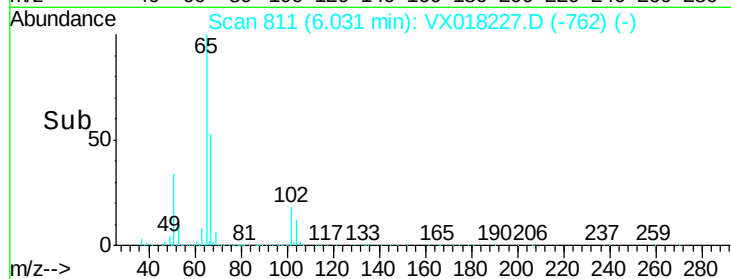
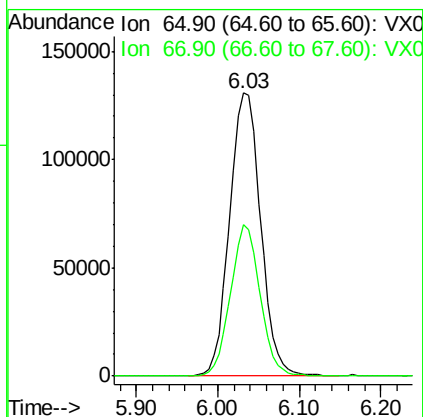
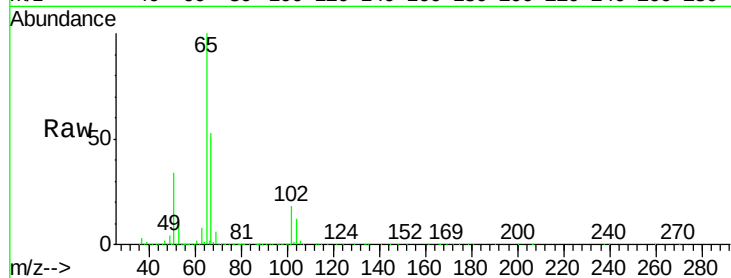




#33
 1,2-Dichloroethane-d4
 Concen: 51.987 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018227.D
 Acq: 03 Sep 2020 12:21

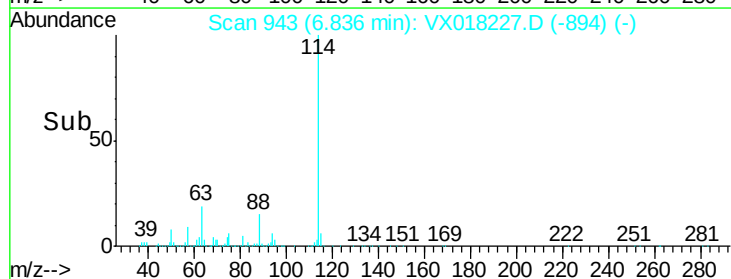
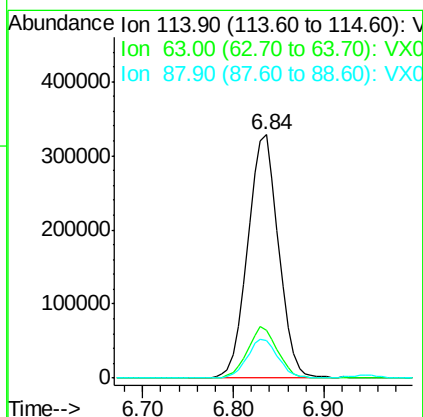
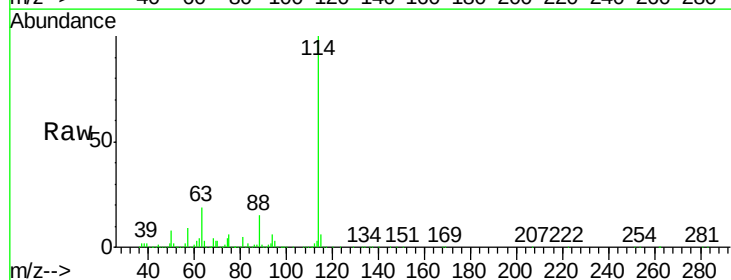
Instrument :
 MSVOA_X
 ClientSampleId :
 31216

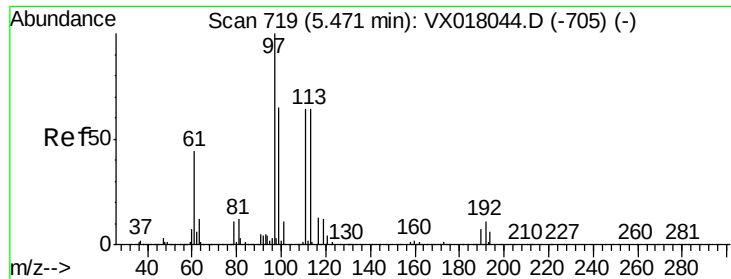
Tot Ion: 65 Resp: 344465
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018227.D
 Acq: 03 Sep 2020 12:21

Tgt Ion: 114 Resp: 771647
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.6
 88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.805 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018227.D

Acq: 03 Sep 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

31216

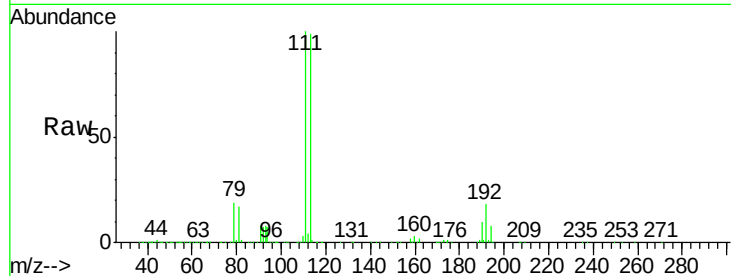
Tot Ion:113 Resp: 266995

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

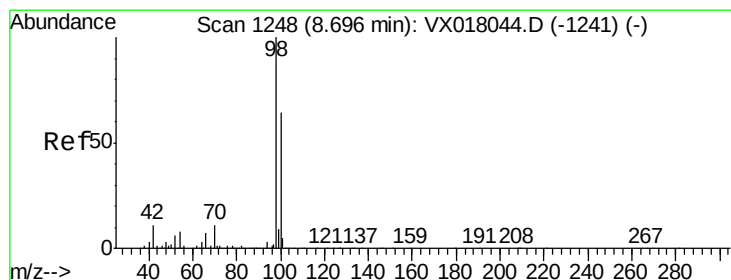
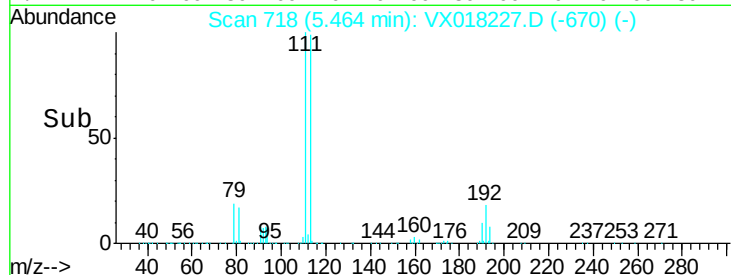
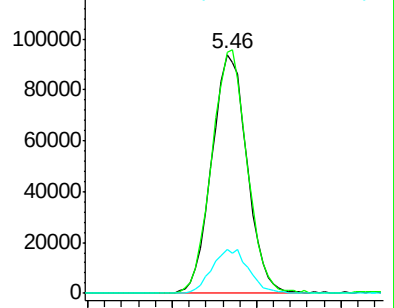
192 19.3 15.8 23.8



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: 47.413 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018227.D

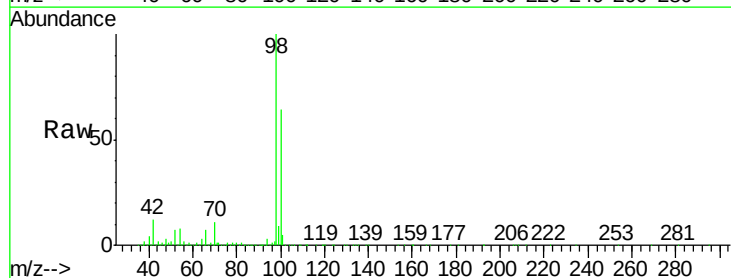
Acq: 03 Sep 2020 12:21

Tgt Ion: 98 Resp: 928054

Ion Ratio Lower Upper

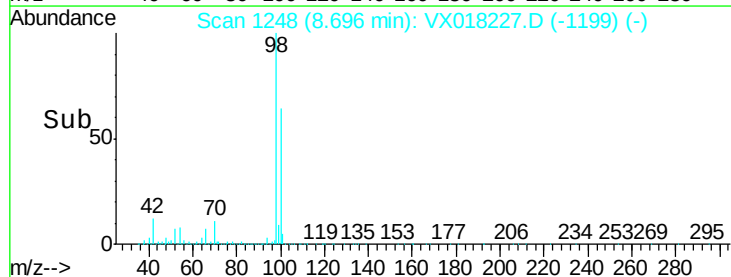
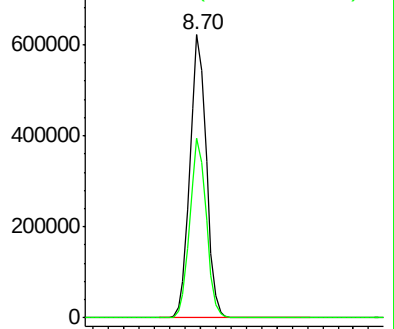
98 100

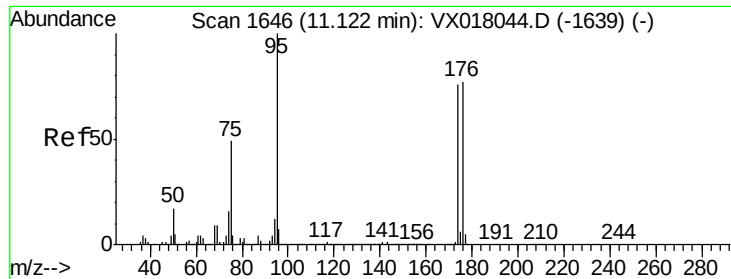
100 63.5 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.193 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018227.D

Acq: 03 Sep 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

31216

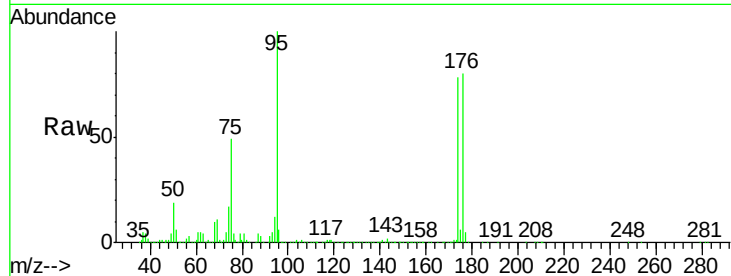
Tot Ion: 95 Resp: 340336

Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.2

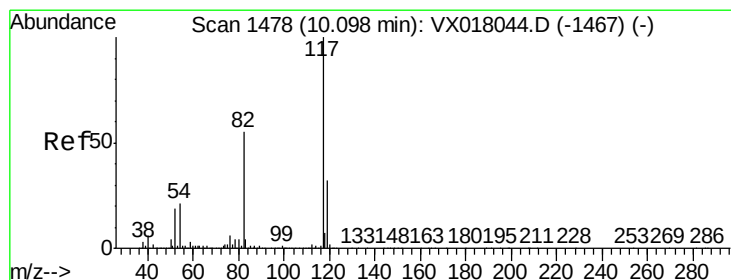
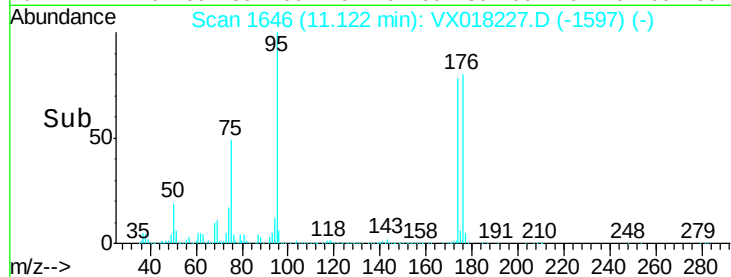
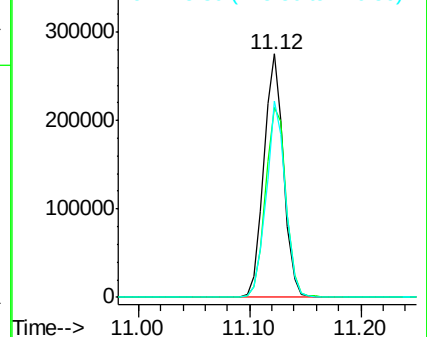
176 78.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018044.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018044.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018044.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018227.D

Acq: 03 Sep 2020 12:21

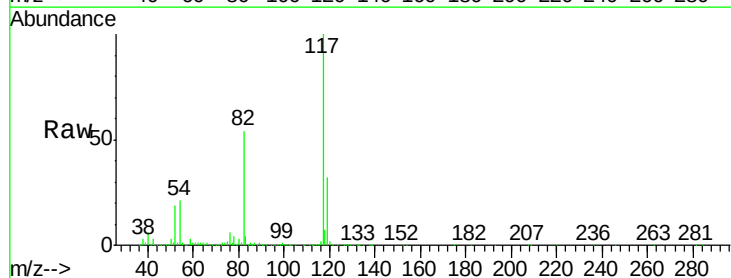
Tgt Ion: 117 Resp: 731914

Ion Ratio Lower Upper

117 100

82 53.9 44.2 66.2

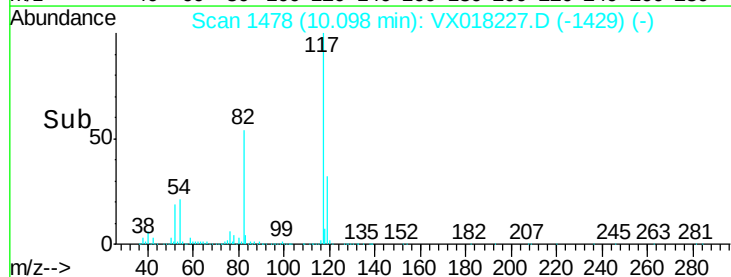
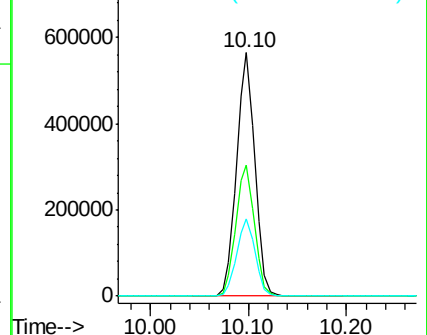
119 31.8 25.7 38.5

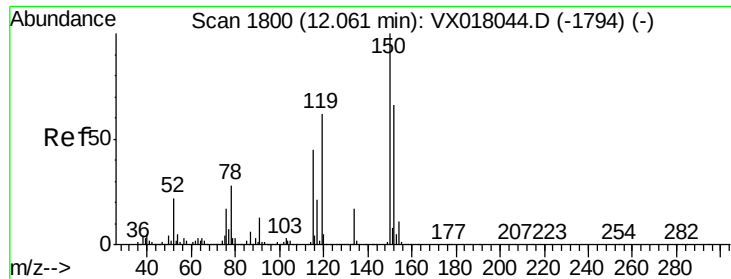


Abundance Ion 116.90 (116.60 to 117.60): VX018044.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX018044.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX018044.D (-1467) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018227.D

Acq: 03 Sep 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

31216

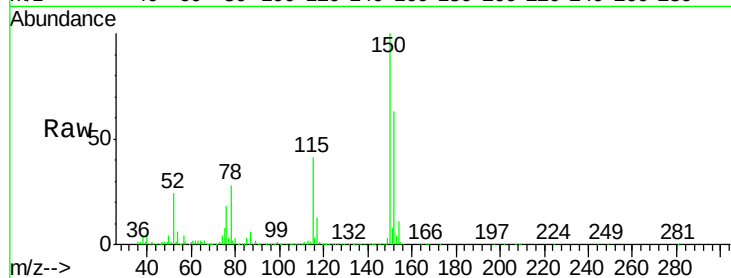
Tot Ion:152 Resp: 355724

Ion Ratio Lower Upper

152 100

115 58.9 41.5 124.5

150 156.1 0.0 343.8



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

