

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016208.D
 Acq On : 14 May 2020 03:09
 Operator : JC/SP
 Sample : L2604-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 305

Quant Time: May 14 07:49:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

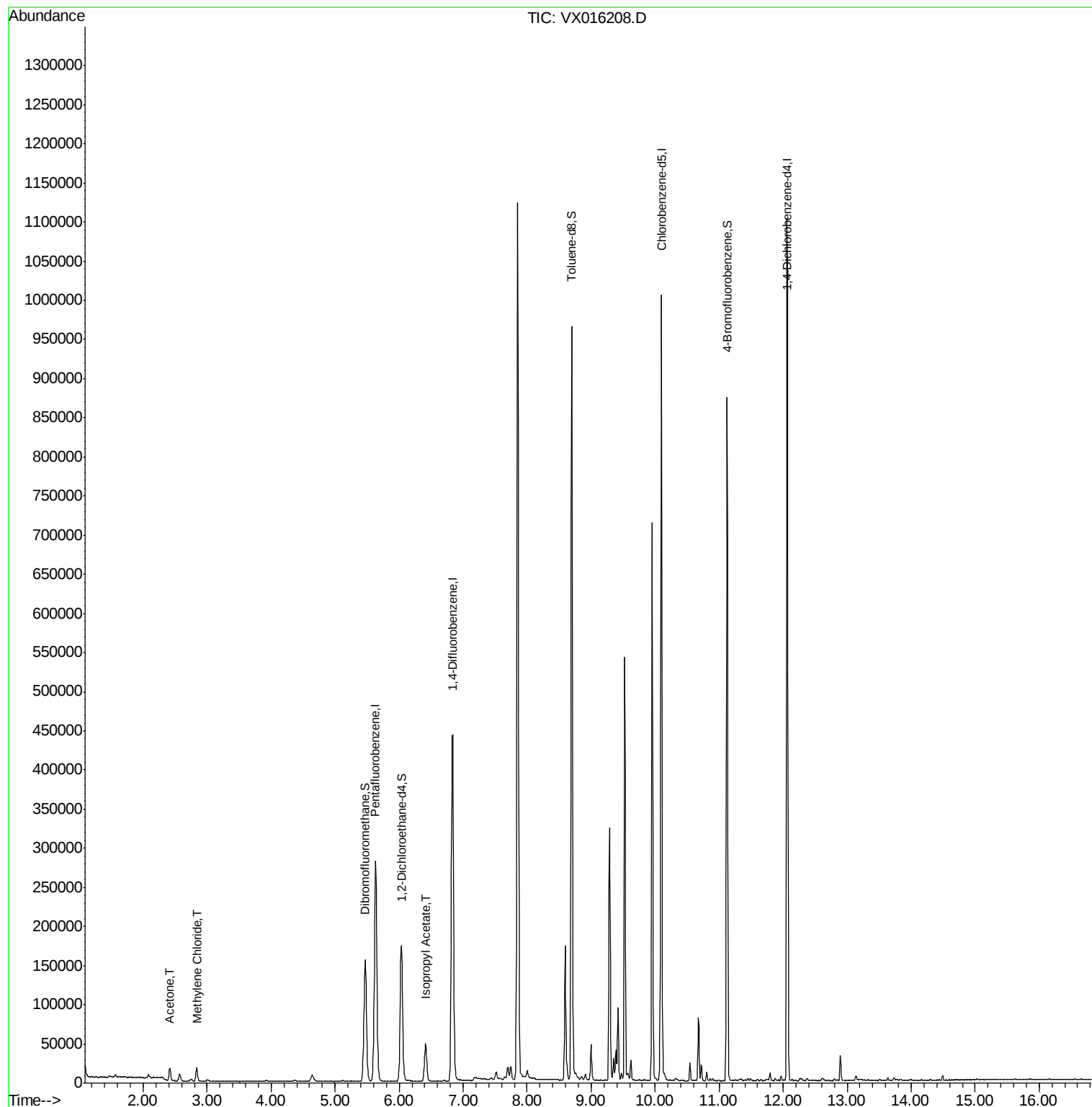
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	456959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	235129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	165352	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
35) Dibromofluoromethane	5.47	113	136275	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	8.70	98	575728	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.12	95	227040	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
Target Compounds						
16) Acetone	2.42	43	16723	10.276	ug/l	Qvalue 100
20) Methylene Chloride	2.84	84	7870	2.346	ug/l	93
43) Isopropyl Acetate	6.42	43	64740	7.783	ug/l	99

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016208.D

Acq: 14 May 2020 03:09

Instrument :

MSVOA_X

ClientSampled :

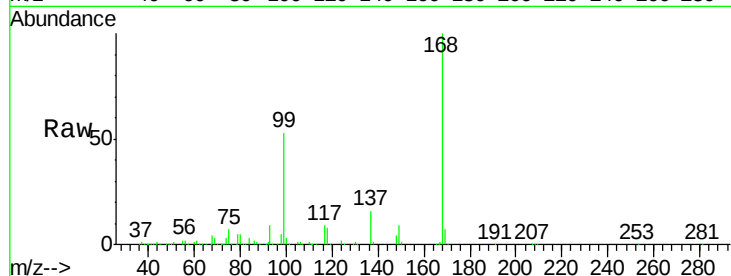
305

Tot Ion:168 Resp: 277163

Ion Ratio Lower Upper

168 100

99 52.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

40000

20000

0

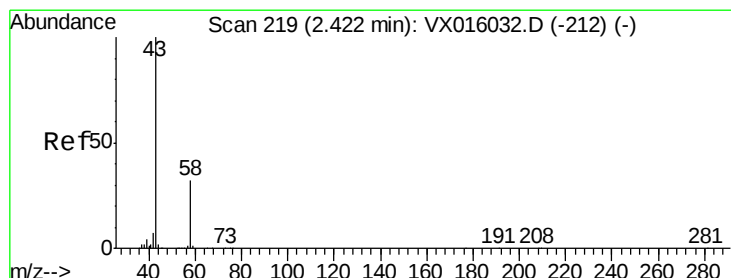
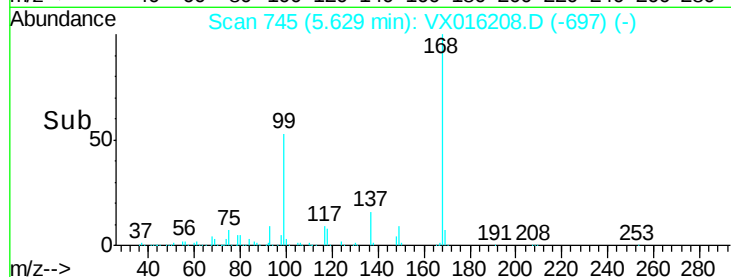
5.50

5.60

5.70

5.80

Time-->



#16

Acetone

Concen: 10.276 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016208.D

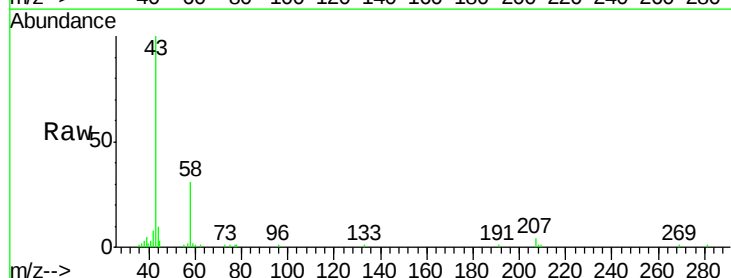
Acq: 14 May 2020 03:09

Tgt Ion: 43 Resp: 16723

Ion Ratio Lower Upper

43 100

58 31.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

12000

10000

8000

6000

4000

2000

0

2.30

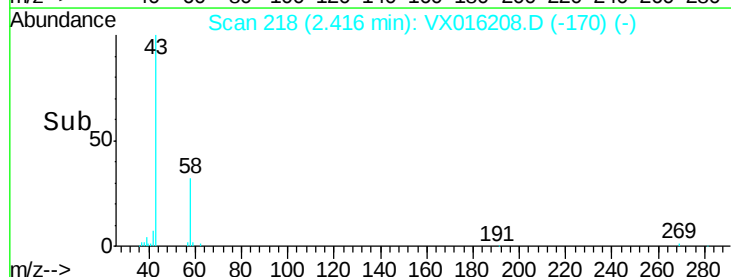
2.35

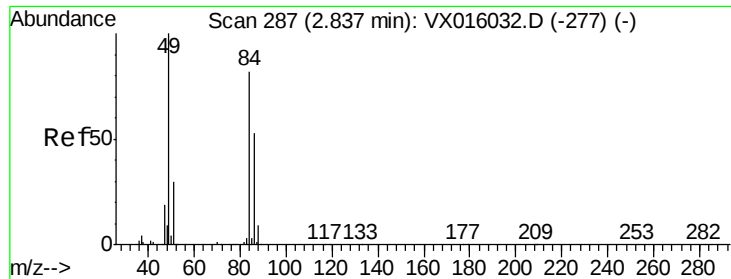
2.40

2.45

2.50

Time-->

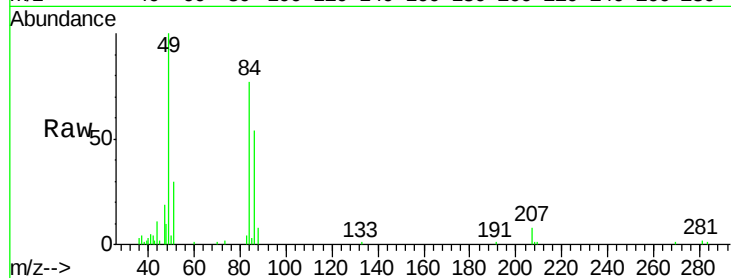




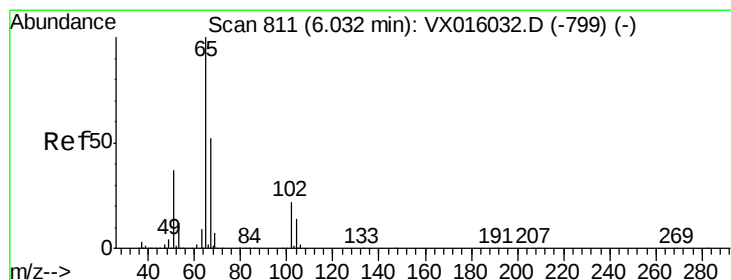
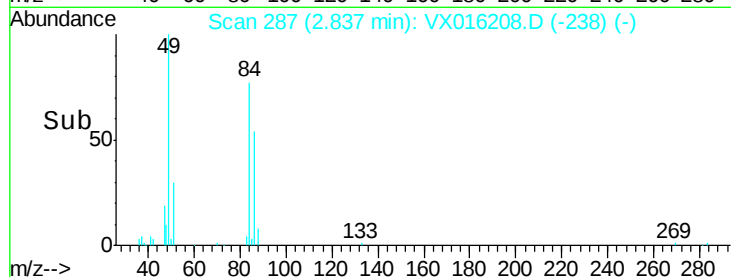
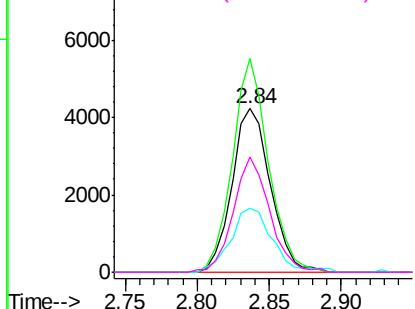
#20
Methvlene Chloride
Concen: 2.346 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016208.D
Acq: 14 May 2020 03:09

Instrument :
MSVOA_X
ClientSampleId :
305

Tot Ion:	84	Resp:	7870
Ion	Ratio	Lower	Upper
84	100		
49	130.7	97.3	145.9
51	39.0	29.3	43.9
86	70.2	51.3	76.9

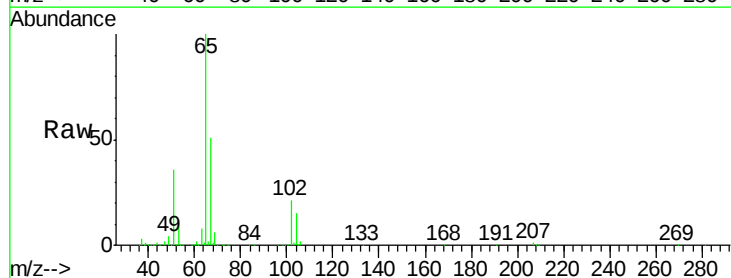


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

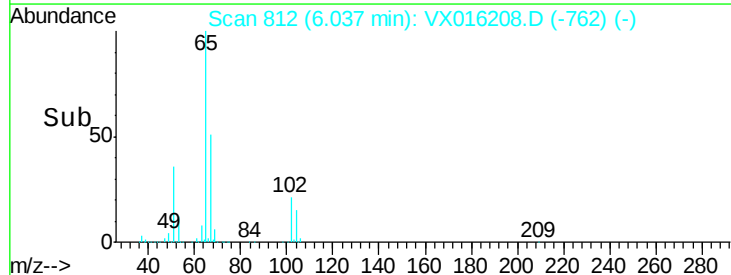
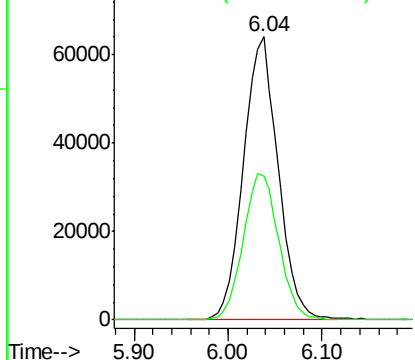


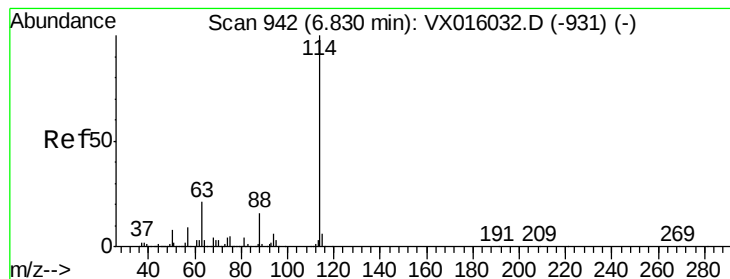
#33
1,2-Dichloroethane-d4
Concen: 45.337 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016208.D
Acq: 14 May 2020 03:09

Tgt Ion:	65	Resp:	165352
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016208.D

Acq: 14 May 2020 03:09

Instrument :

MSVOA_X

ClientSampleId :

305

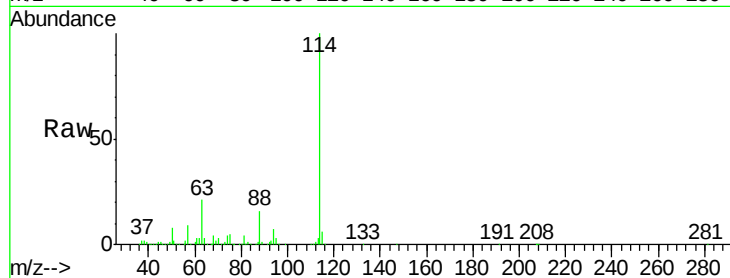
Tot Ion:114 Resp: 456959

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

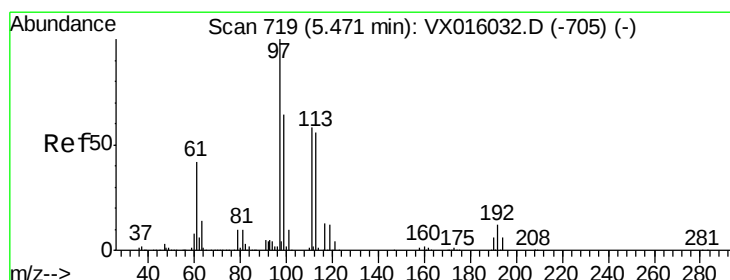
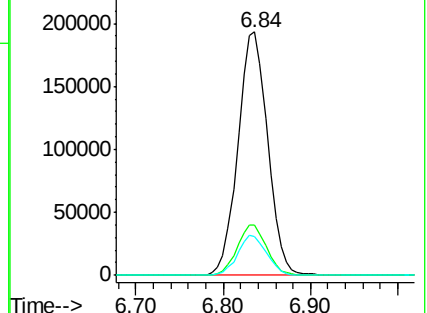
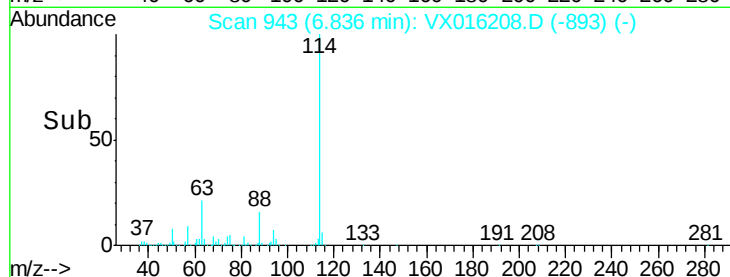
88 16.0 0.0 31.4



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: 47.072 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016208.D

Acq: 14 May 2020 03:09

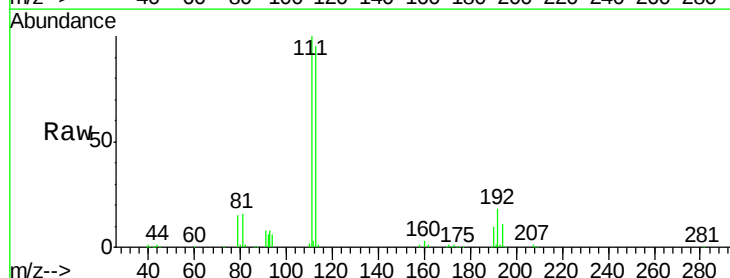
Tgt Ion:113 Resp: 136275

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

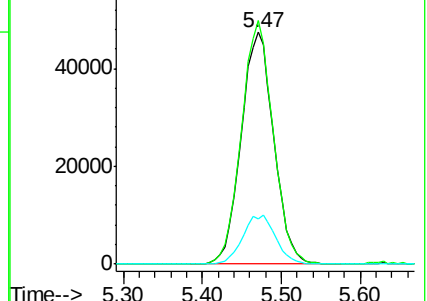
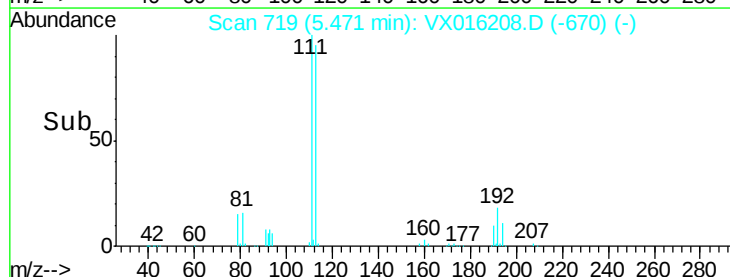
192 21.3 17.0 25.4

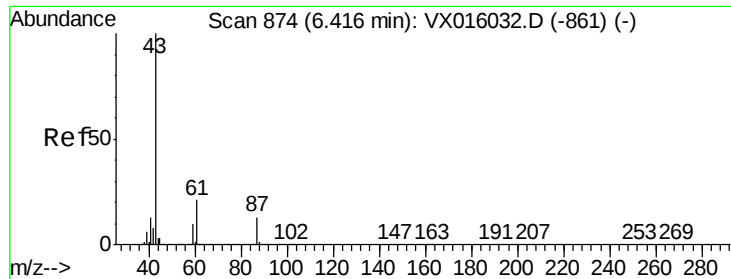


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.783 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016208.D

Acq: 14 May 2020 03:09

Instrument :

MSVOA_X

ClientSampleId :

305

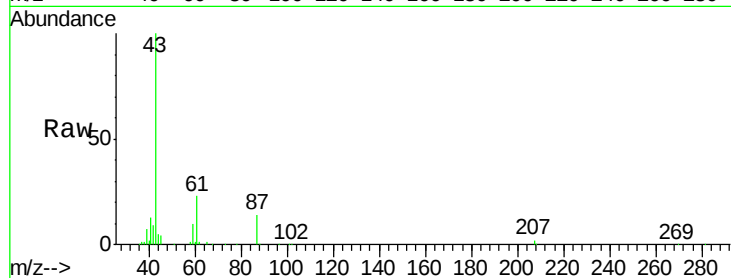
Tot Ion: 43 Resp: 64740

Ion Ratio Lower Upper

43 100

61 21.8 17.0 25.4

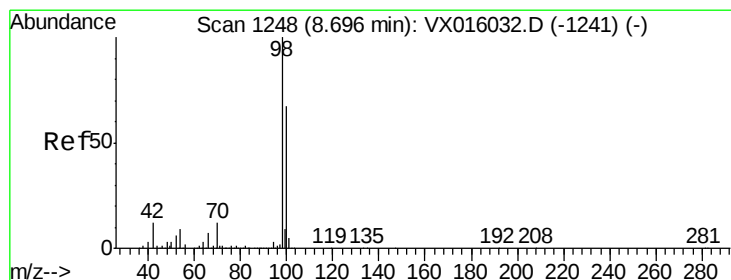
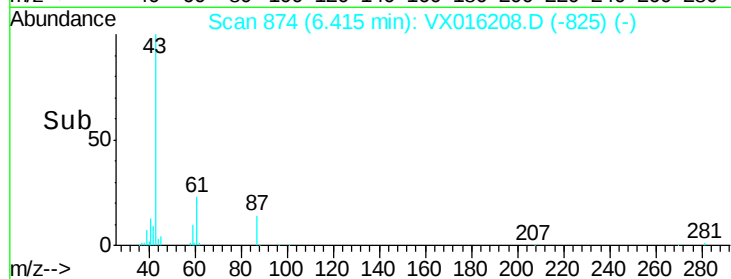
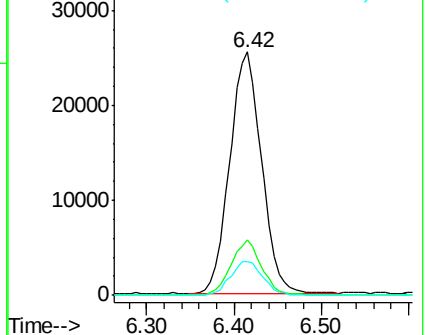
87 14.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.613 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016208.D

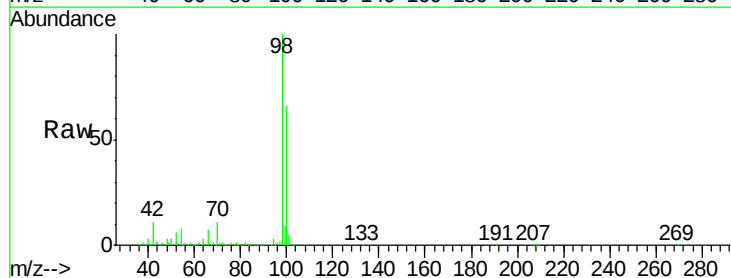
Acq: 14 May 2020 03:09

Tgt Ion: 98 Resp: 575728

Ion Ratio Lower Upper

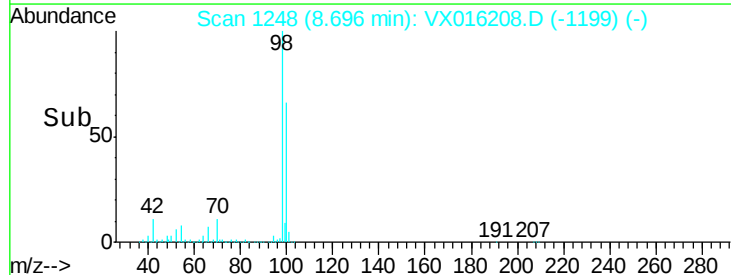
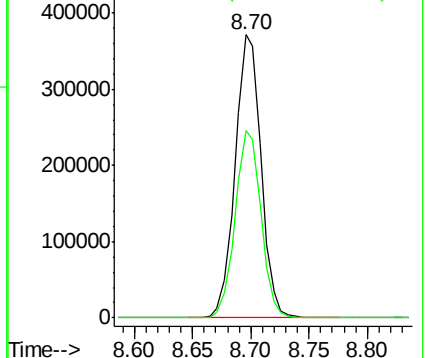
98 100

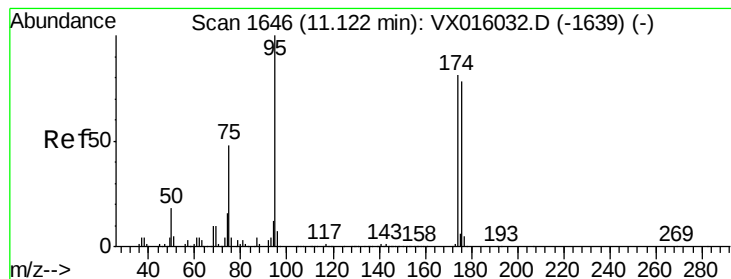
100 66.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.513 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016208.D

Acq: 14 May 2020 03:09

Instrument :

MSVOA_X

ClientSampleId :

305

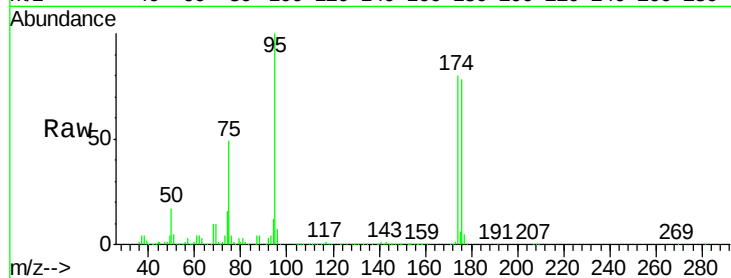
Tot Ion: 95 Resp: 227040

Ion Ratio Lower Upper

95 100

174 81.8 0.0 159.4

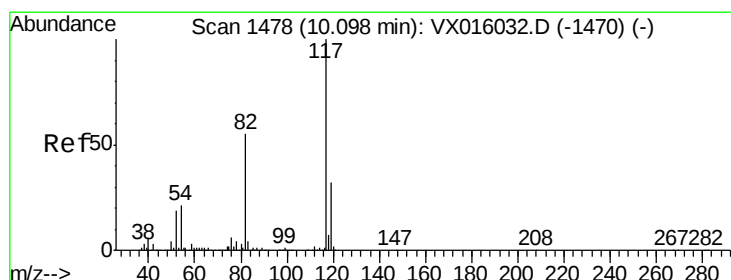
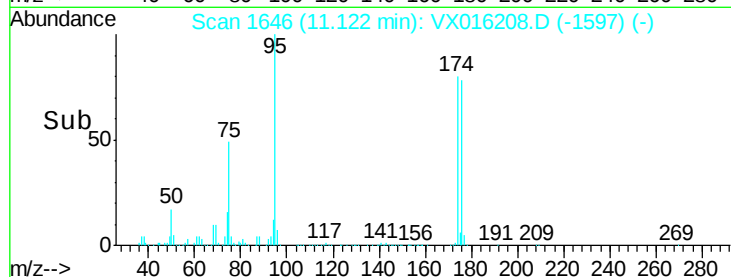
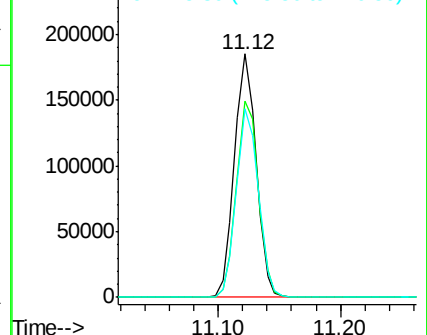
176 78.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016208.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016208.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016208.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016208.D

Acq: 14 May 2020 03:09

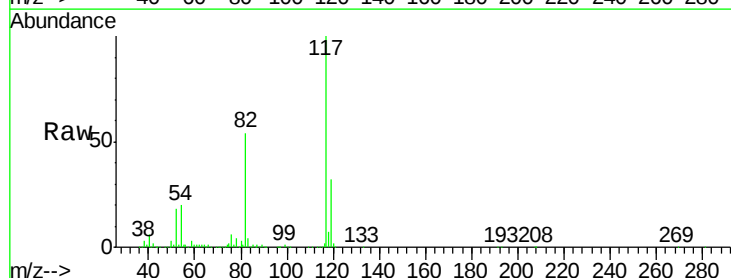
Tgt Ion: 117 Resp: 455755

Ion Ratio Lower Upper

117 100

82 54.4 44.4 66.6

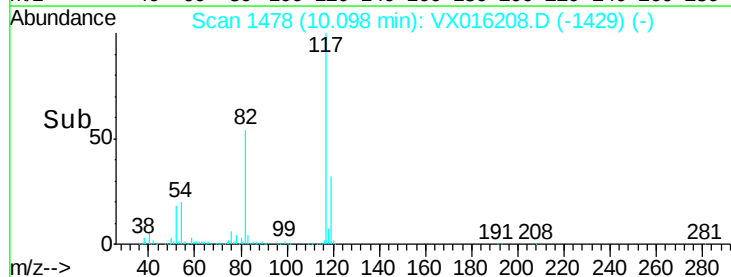
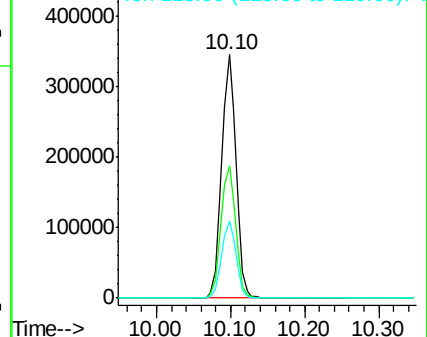
119 31.6 25.5 38.3

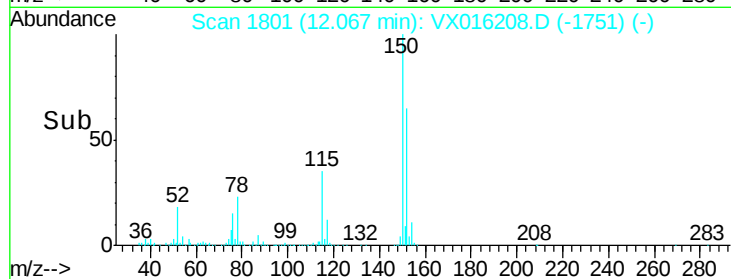
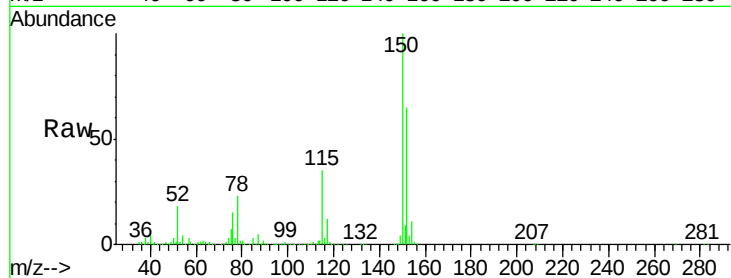
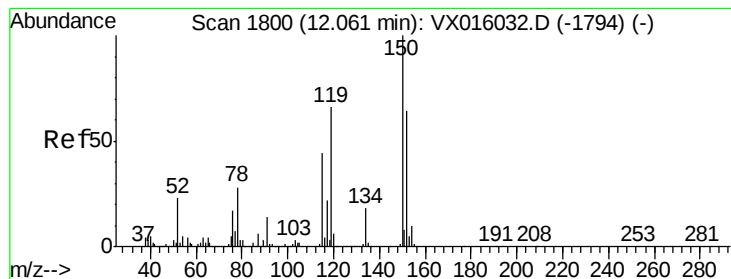


Abundance Ion 116.90 (116.60 to 117.60): VX016208.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016208.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016208.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016208.D

Acq: 14 May 2020 03:09

Instrument :

MSVOA_X

ClientSampleId :

305

Tot Ion:152 Resp: 235129

Ion Ratio Lower Upper

152 100

115 58.2 41.3 124.1

150 155.6 0.0 352.2

