

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052220\
 Data File : VX016408.D
 Acq On : 22 May 2020 13:43
 Operator : JC/SP
 Sample : L2728-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240001

Quant Time: May 23 02:31:06 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

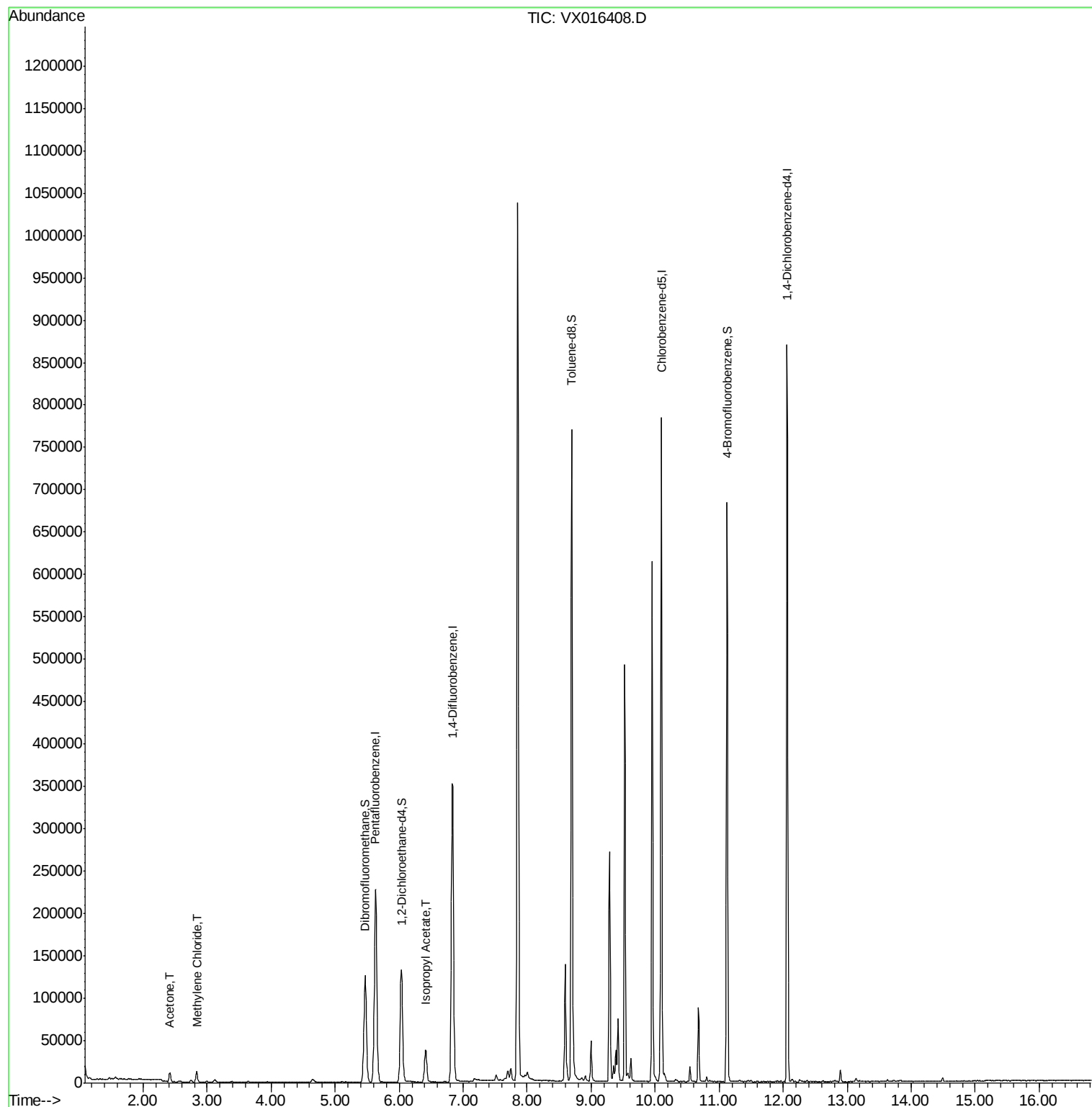
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	225002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	372881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	126382	42.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.38%	
35) Dibromofluoromethane	5.47	113	109558	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
50) Toluene-d8	8.70	98	462184	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.12	95	182369	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
Target Compounds						
16) Acetone	2.42	43	11852	8.971	ug/l	93
20) Methylene Chloride	2.83	84	5985	2.198	ug/l #	84
43) Isopropyl Acetate	6.42	43	52505	7.735	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016408.D

Acq: 22 May 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

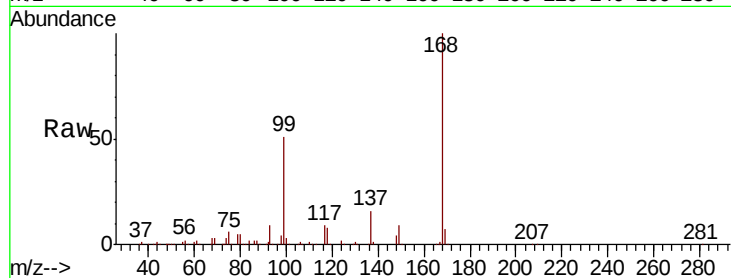
240001

Tot Ion:168 Resp: 225002

Ion Ratio Lower Upper

168 100

99 51.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

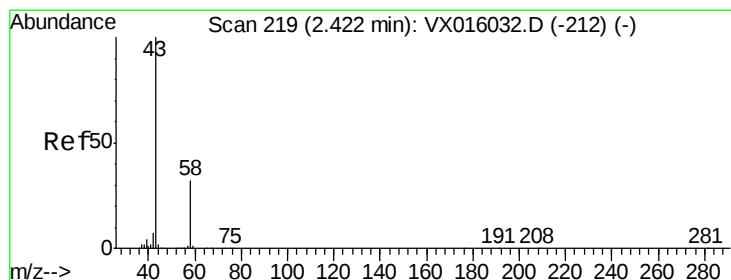
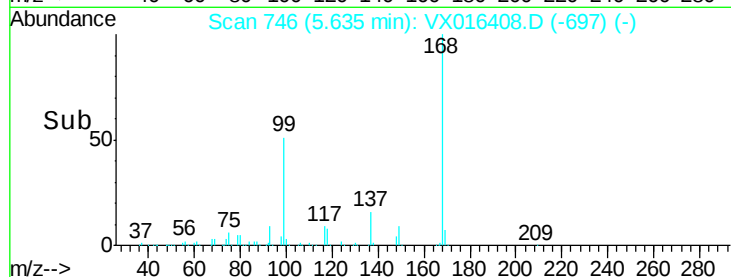
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.971 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016408.D

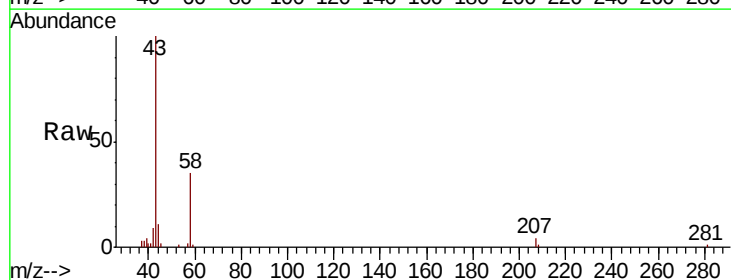
Acq: 22 May 2020 13:43

Tgt Ion: 43 Resp: 11852

Ion Ratio Lower Upper

43 100

58 35.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

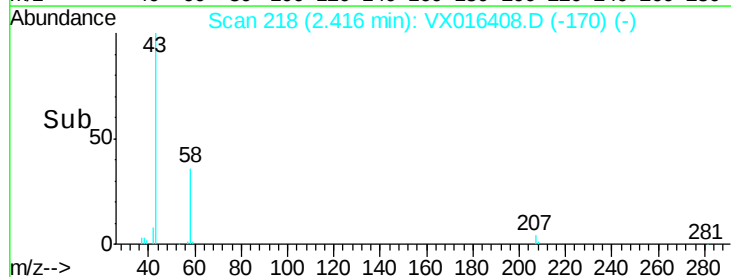
4000

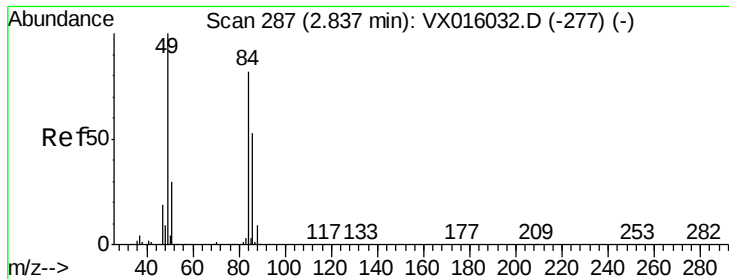
2000

0

Time-->

2.35 2.40 2.45 2.50

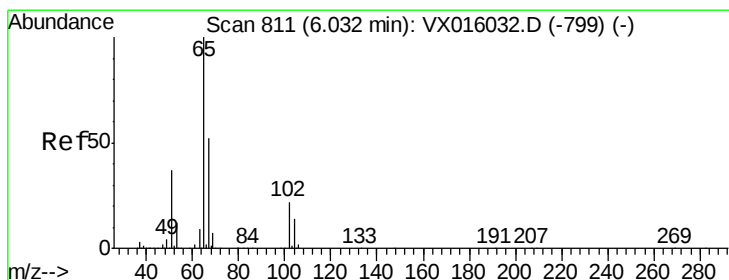
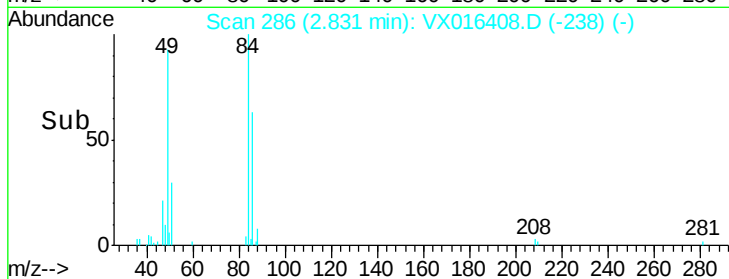
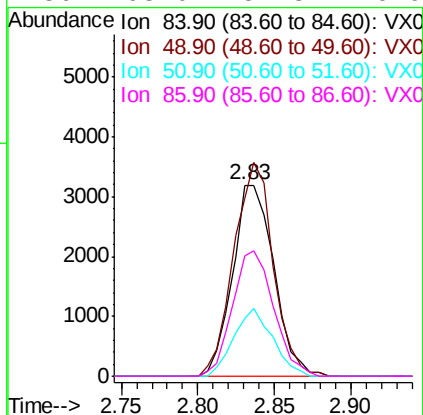
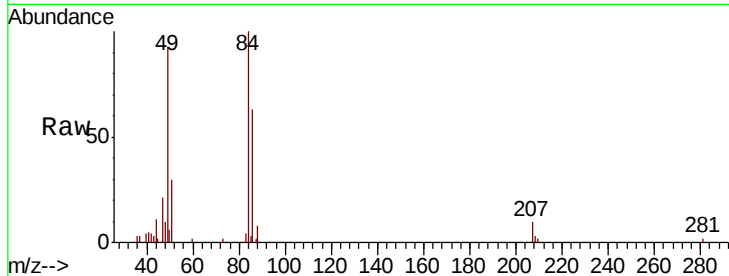




#20
Methylene Chloride
Concen: 2.198 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016408.D
Acq: 22 May 2020 13:43

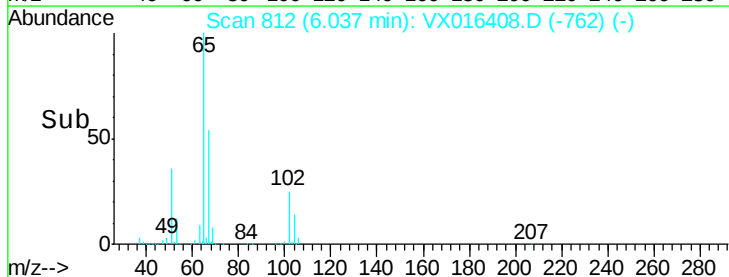
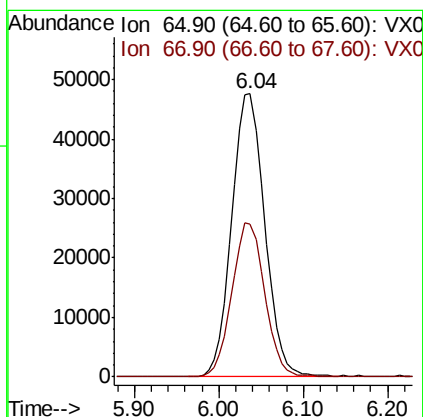
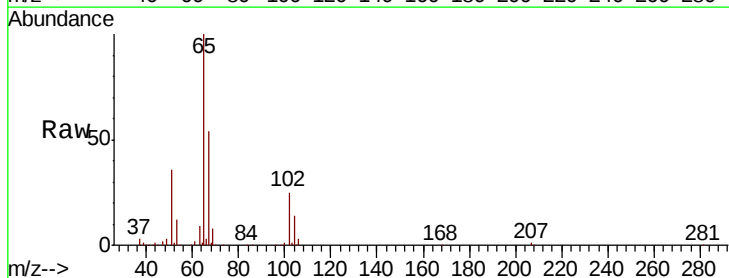
Instrument :
MSVOA_X
ClientSampleId :
240001

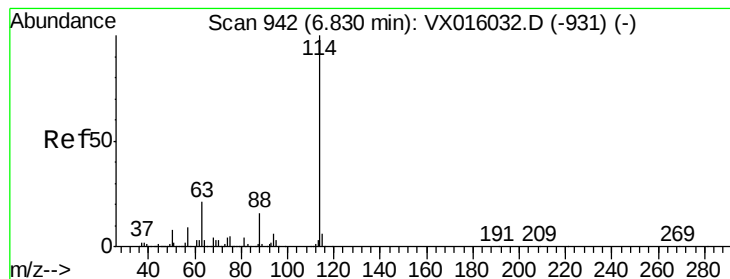
Tot Ion	Ratio	Lower	Upper
84	100		
49	93.5	97.3	145.9#
51	30.2	29.3	43.9
86	63.0	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 42.685 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016408.D
Acq: 22 May 2020 13:43

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016408.D

Acq: 22 May 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

240001

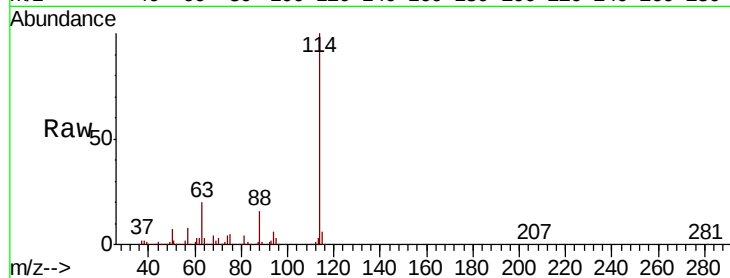
Tot Ion:114 Resp: 372881

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

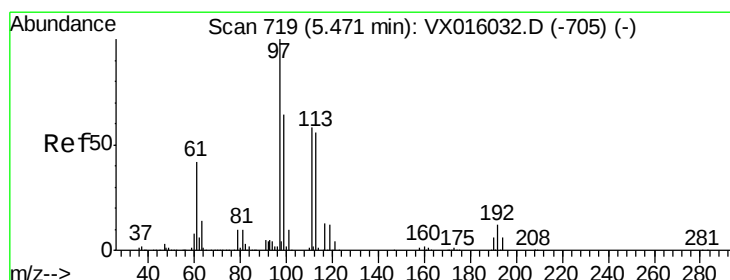
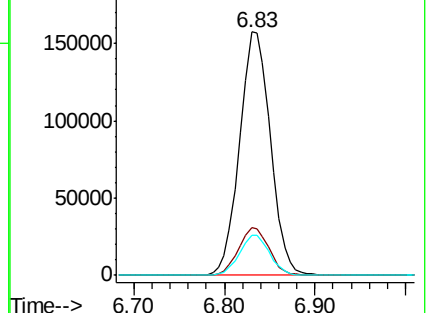
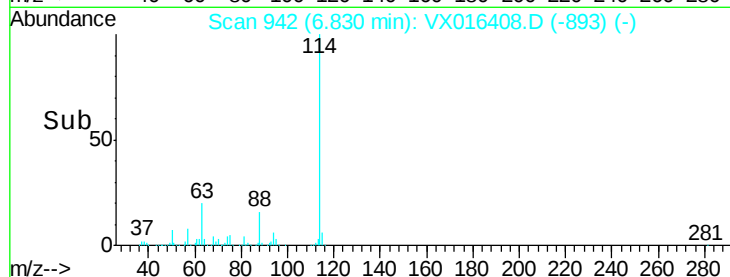
88 16.3 0.0 31.4



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: 46.376 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016408.D

Acq: 22 May 2020 13:43

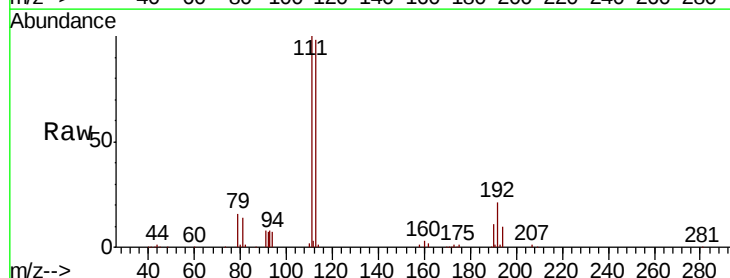
Tgt Ion:113 Resp: 109558

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

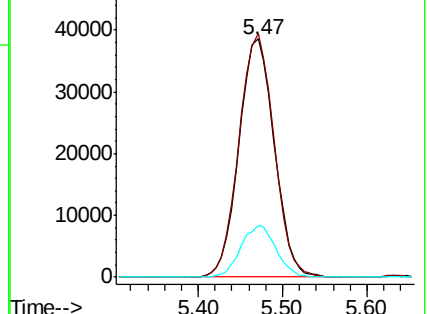
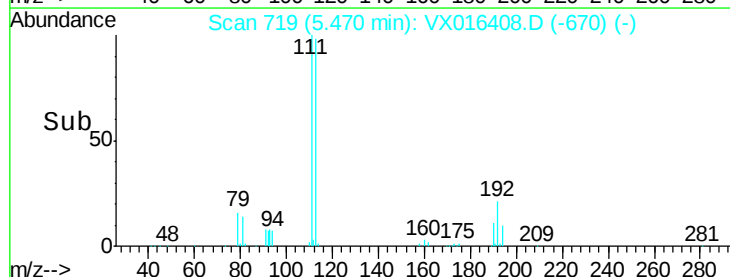
192 21.4 17.0 25.4

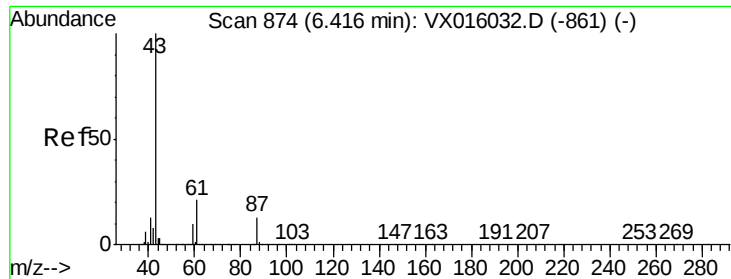


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.735 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016408.D

Acq: 22 May 2020 13:43

Instrument :

MSVOA_X

ClientSampled :

240001

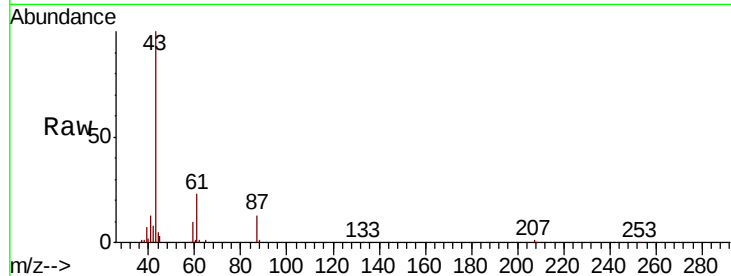
Tot Ion: 43 Resp: 52505

Ion Ratio Lower Upper

43 100

61 22.9 17.0 25.4

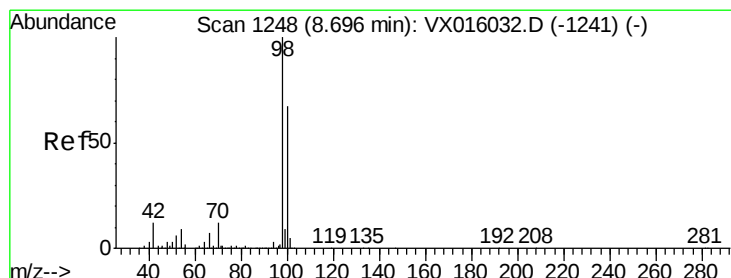
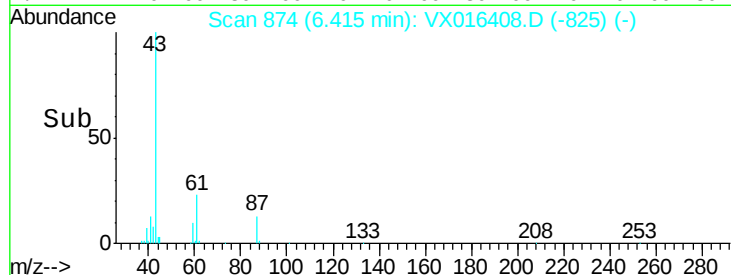
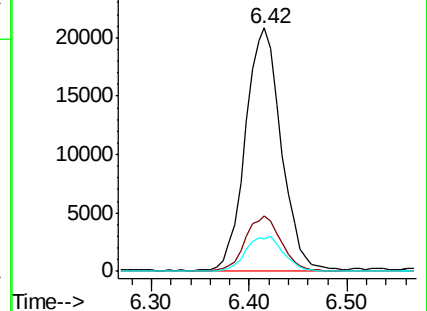
87 15.0 11.0 16.6



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: 50.776 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016408.D

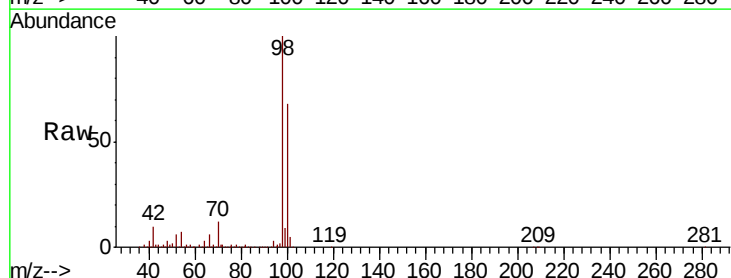
Acq: 22 May 2020 13:43

Tgt Ion: 98 Resp: 462184

Ion Ratio Lower Upper

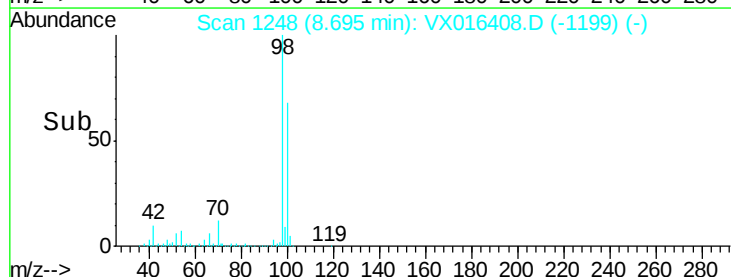
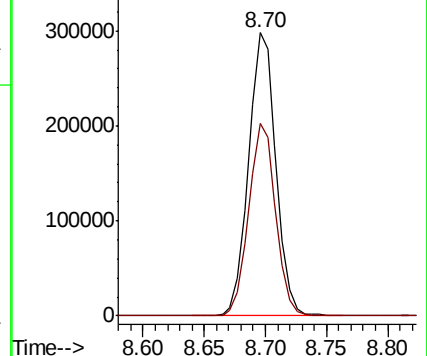
98 100

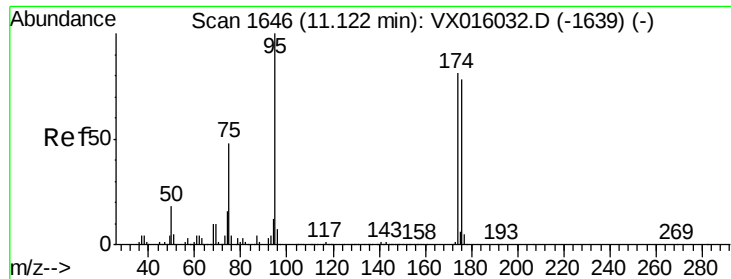
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.676 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016408.D

Acq: 22 May 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

240001

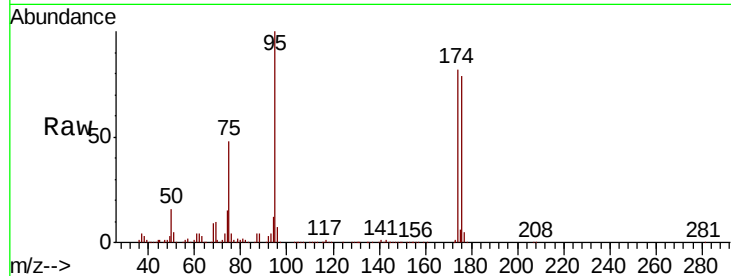
Tot Ion: 95 Resp: 182369

Ion Ratio Lower Upper

95 100

174 81.2 0.0 159.4

176 80.0 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016408.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016408.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016408.D (-1597) (-)

11.12

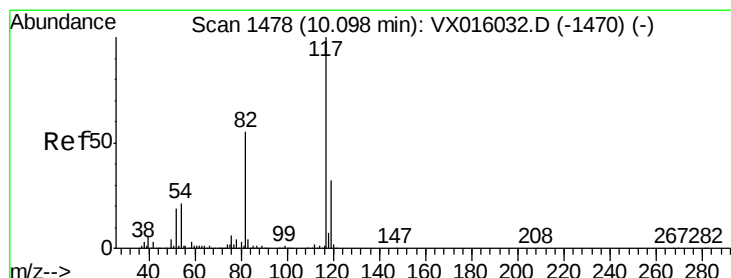
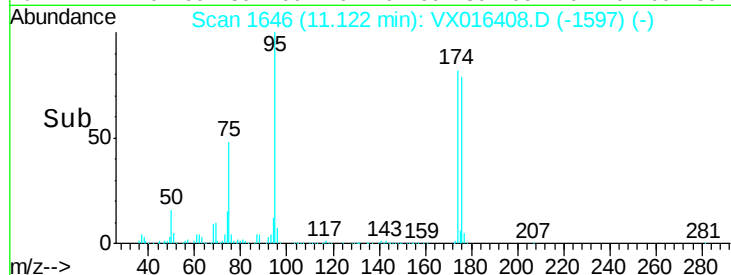
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016408.D

Acq: 22 May 2020 13:43

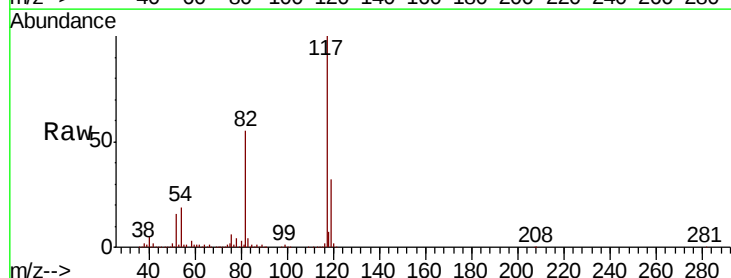
Tgt Ion: 117 Resp: 373429

Ion Ratio Lower Upper

117 100

82 54.6 44.4 66.6

119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX016408.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016408.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016408.D (-1429) (-)

10.10

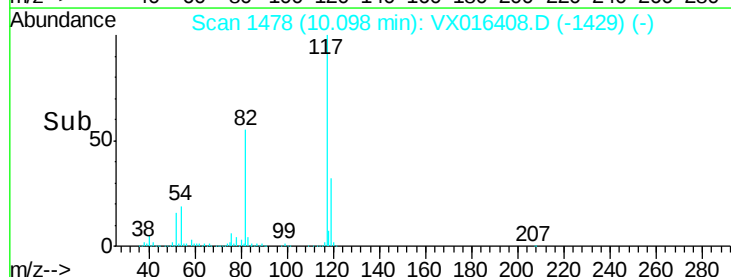
300000

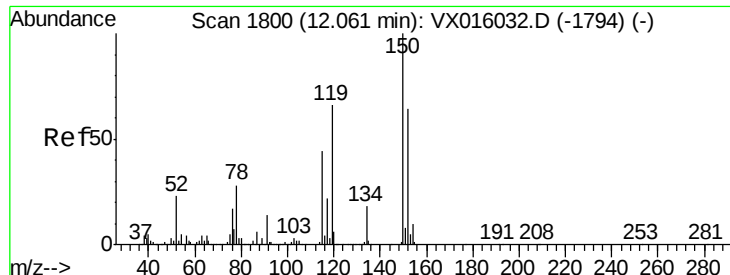
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016408.D

Acq: 22 May 2020 13:43

Instrument :

MSVOA_X

ClientSampleId :

240001

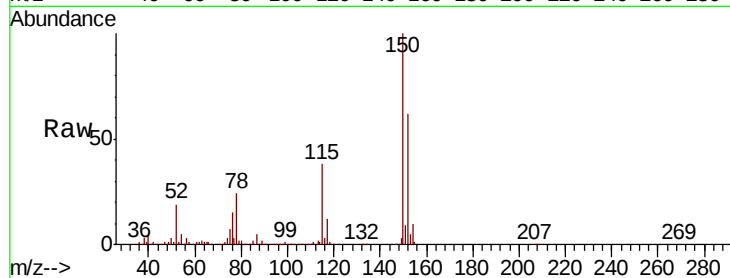
Tot Ion:152 Resp: 184223

Ion Ratio Lower Upper

152 100

115 58.5 41.3 124.1

150 159.9 0.0 352.2



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

