

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016201.D
 Acq On : 14 May 2020 00:31
 Operator : JC/SP
 Sample : PB128838ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128838ZHE#02

Quant Time: May 14 07:37:24 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

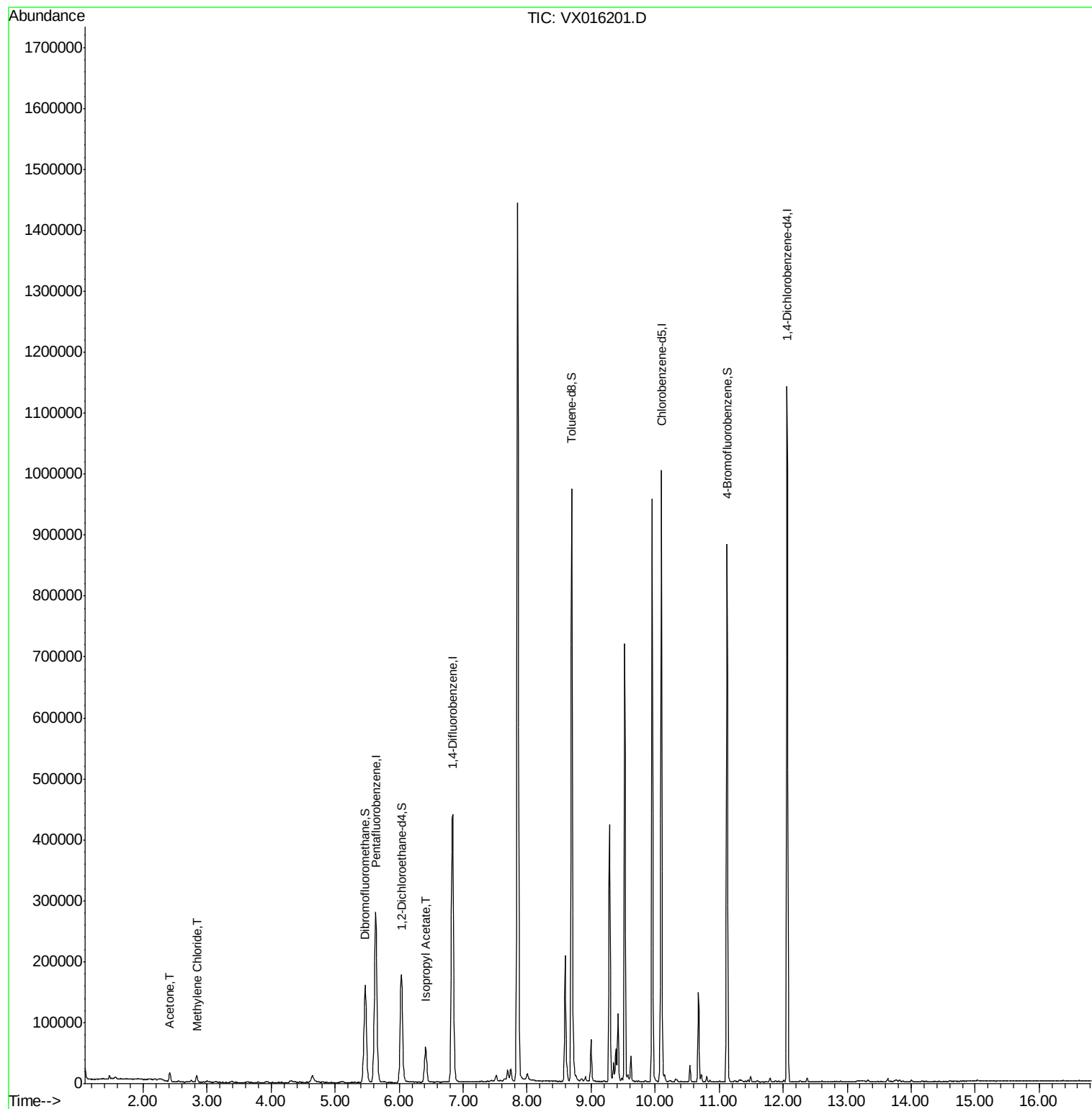
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	275549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	459499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	168464	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
35) Dibromofluoromethane	5.47	113	138517	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	8.70	98	571731	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.12	95	227793	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
Target Compounds						
16) Acetone	2.42	43	15211	9.402	ug/l	96
20) Methylene Chloride	2.84	84	5154	1.545	ug/l	90
43) Isopropyl Acetate	6.42	43	79144	9.462	ug/l	99

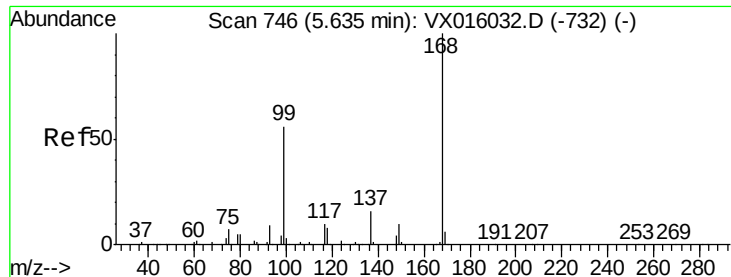
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016201.D

Acq: 14 May 2020 00:31

Instrument :

MSVOA_X

ClientSampleId :

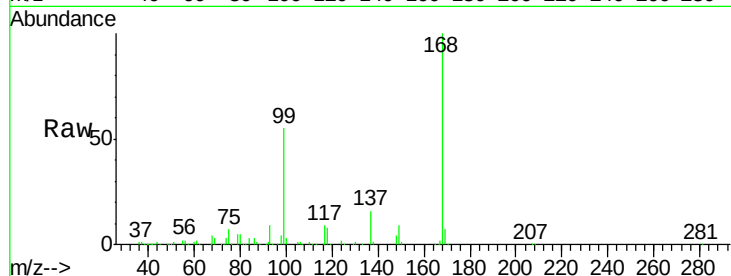
PB128838ZHE#02

Tot Ion:168 Resp: 275549

Ion Ratio Lower Upper

168 100

99 54.9 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

100000

80000

60000

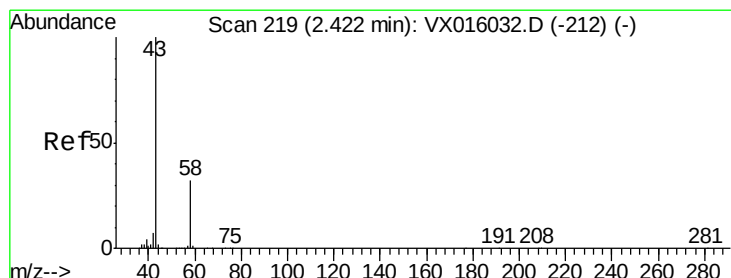
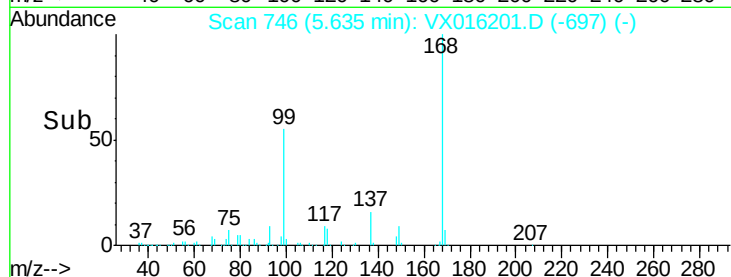
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.402 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016201.D

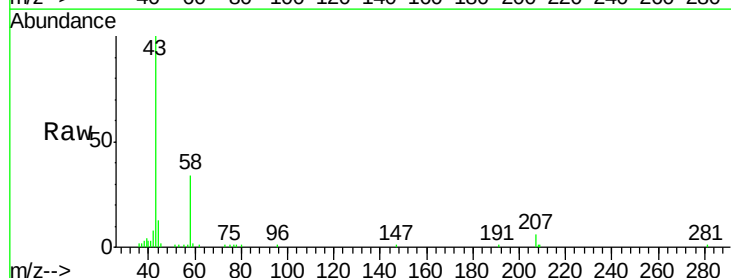
Acq: 14 May 2020 00:31

Tgt Ion: 43 Resp: 15211

Ion Ratio Lower Upper

43 100

58 33.9 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

10000

8000

6000

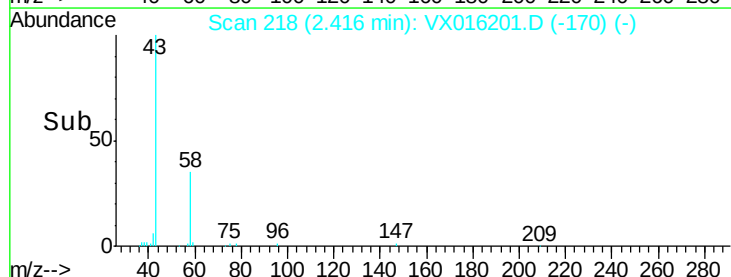
4000

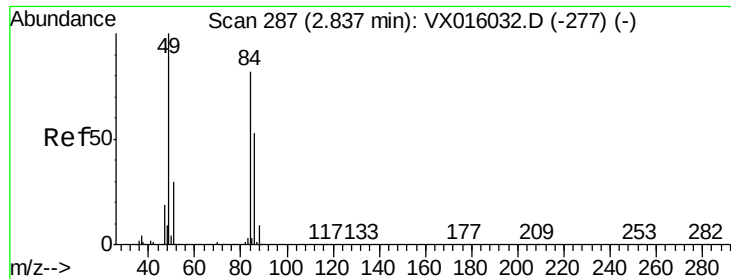
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55

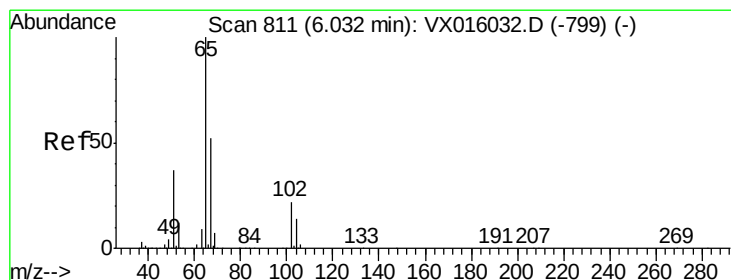
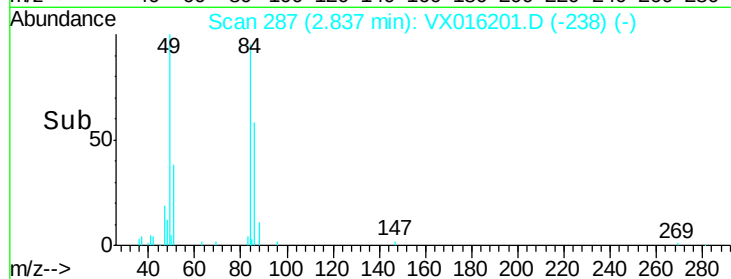
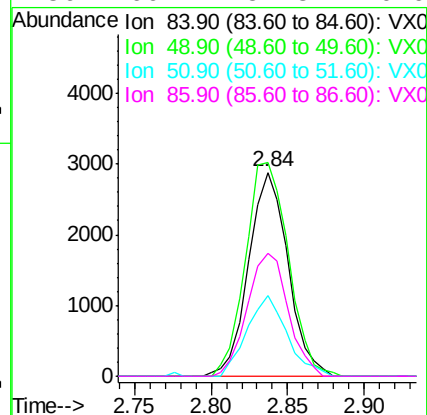
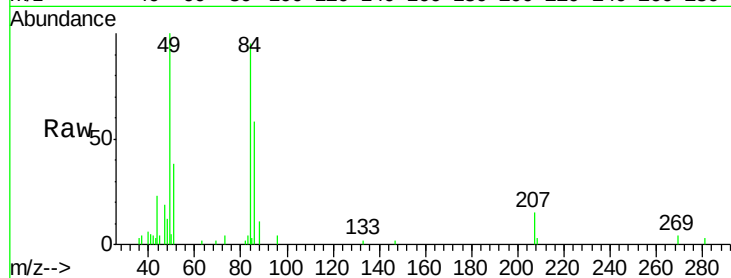




#20
Methylene Chloride
Concen: 1.545 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016201.D
Acq: 14 May 2020 00:31

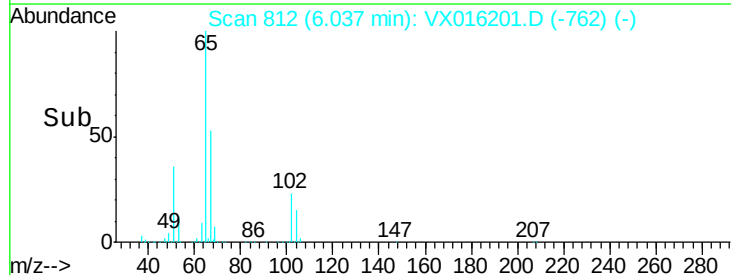
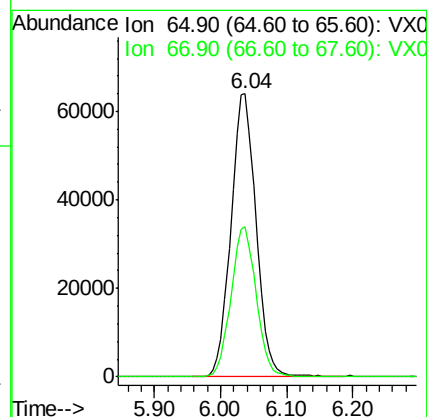
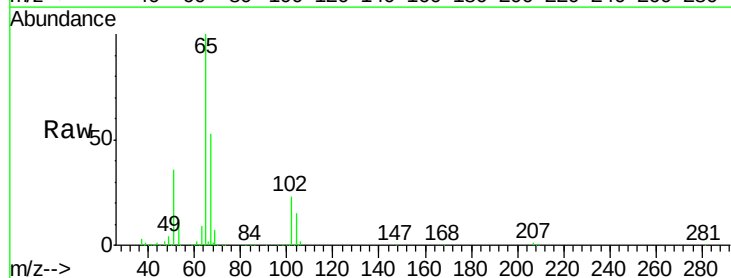
Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#02

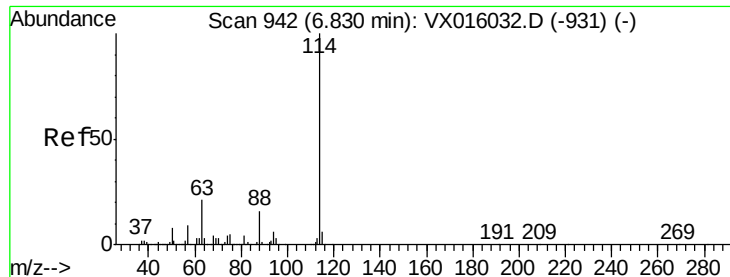
Tot Ion:	84	Resp:	5154
Ion	Ratio	Lower	Upper
84	100		
49	104.9	97.3	145.9
51	39.8	29.3	43.9
86	60.4	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 46.461 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016201.D
Acq: 14 May 2020 00:31

Tgt Ion:	65	Resp:	168464
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016201.D

Acq: 14 May 2020 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB128838ZHE#02

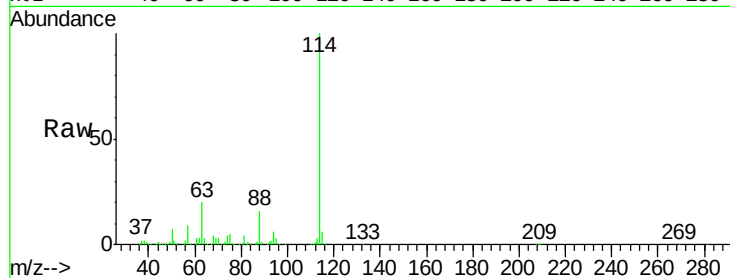
Tot Ion:114 Resp: 459499

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

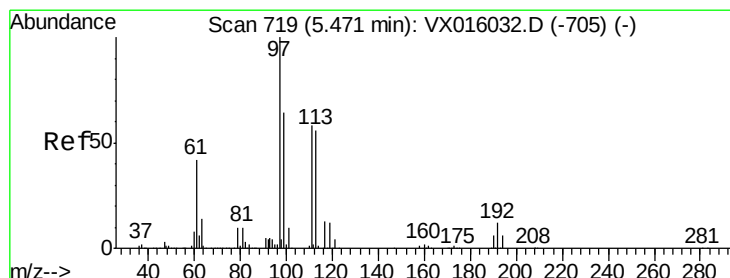
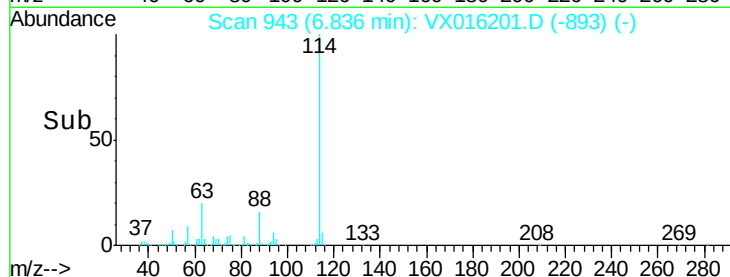
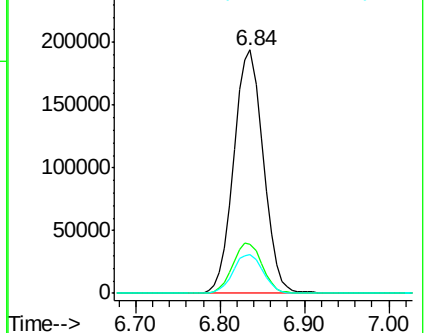
88 16.2 0.0 31.4



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: 47.582 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016201.D

Acq: 14 May 2020 00:31

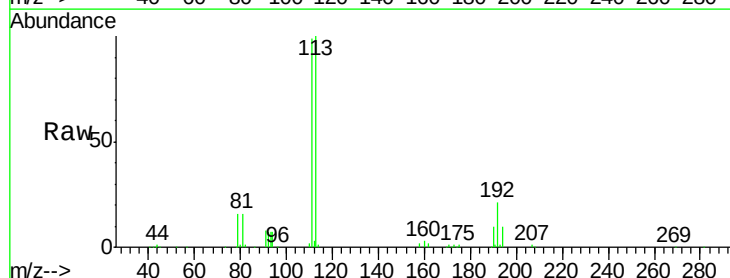
Tgt Ion:113 Resp: 138517

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

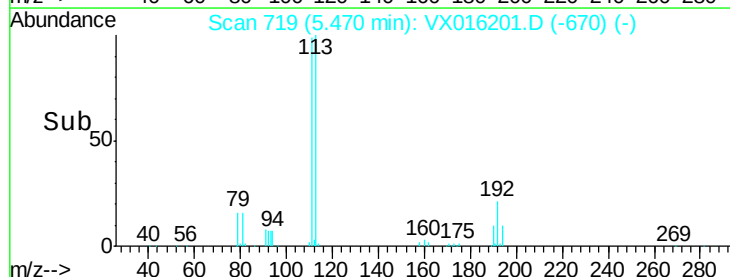
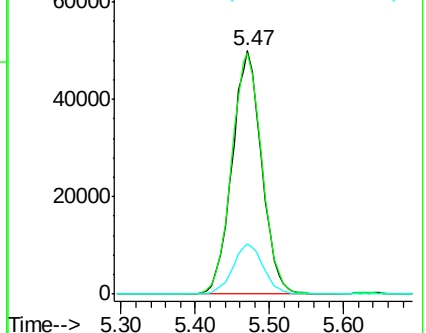
192 21.3 17.0 25.4

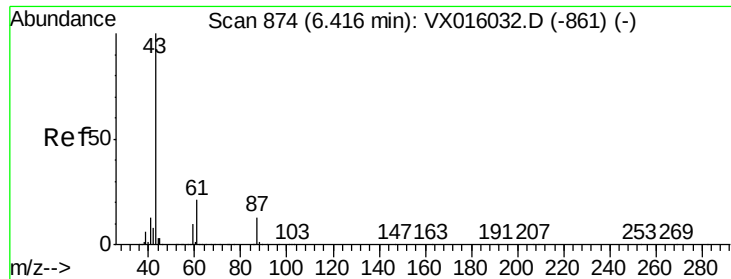


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.462 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016201.D

Acq: 14 May 2020 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB128838ZHE#02

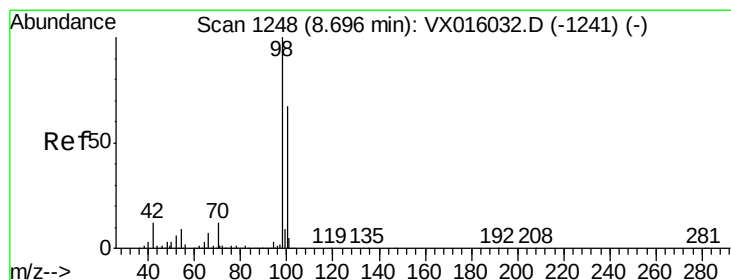
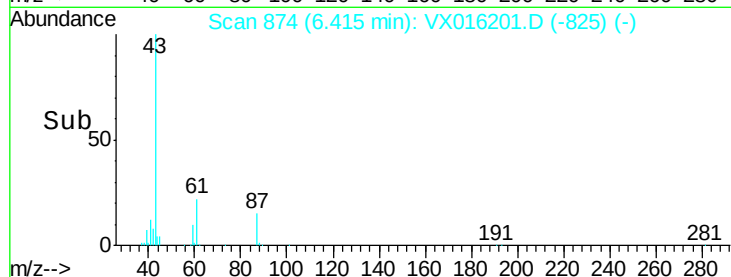
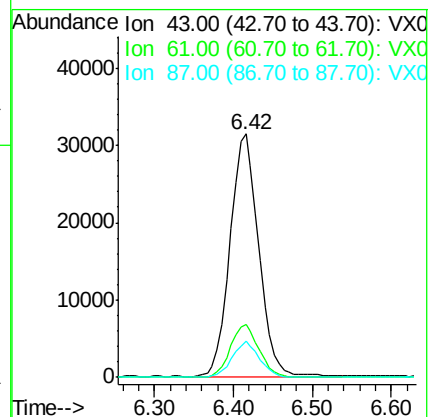
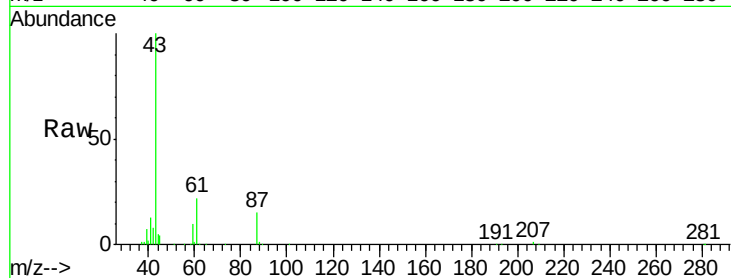
Tot Ion: 43 Resp: 79144

Ion Ratio Lower Upper

43 100

61 21.8 17.0 25.4

87 14.1 11.0 16.6



#50

Toluene-d8

Concen: 50.971 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016201.D

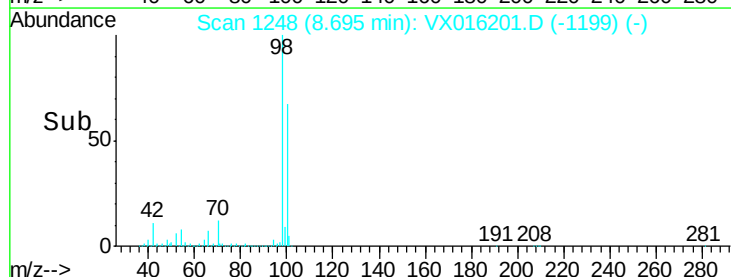
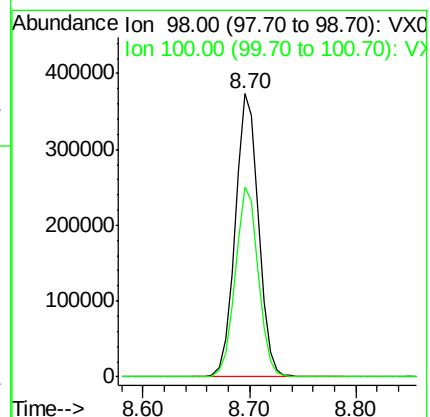
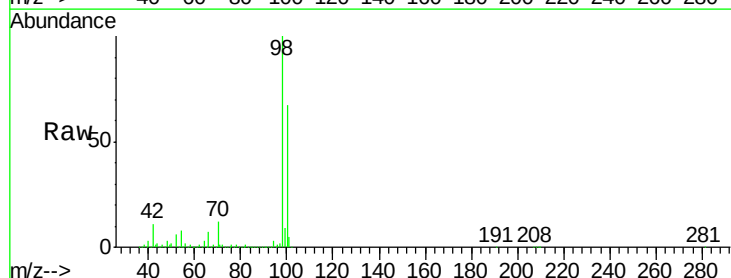
Acq: 14 May 2020 00:31

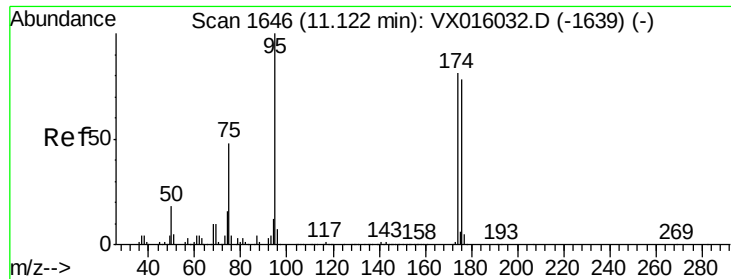
Tgt Ion: 98 Resp: 571731

Ion Ratio Lower Upper

98 100

100 66.5 53.7 80.5





#62

4-Bromofluorobenzene

Concen: 53.393 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016201.D

Acq: 14 May 2020 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB128838ZHE#02

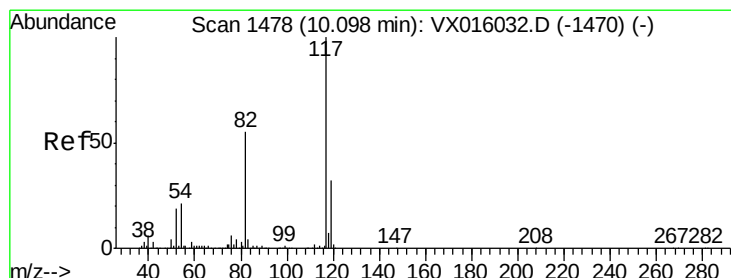
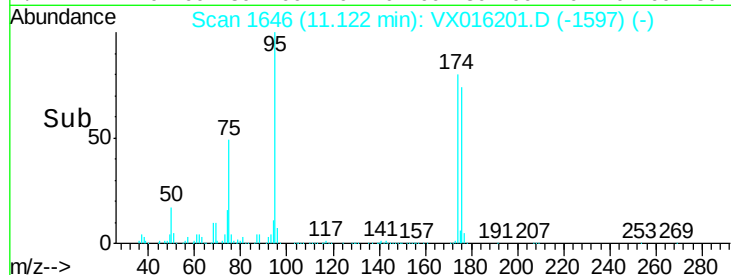
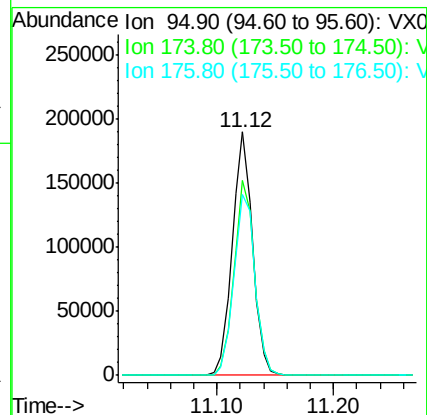
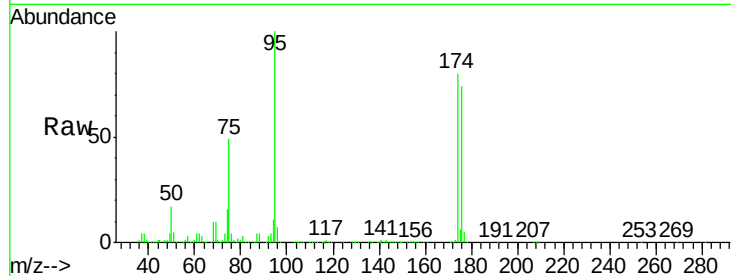
Tot Ion: 95 Resp: 227793

Ion Ratio Lower Upper

95 100

174 81.4 0.0 159.4

176 78.3 0.0 157.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016201.D

Acq: 14 May 2020 00:31

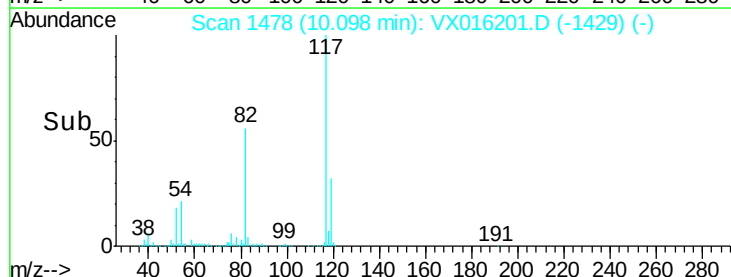
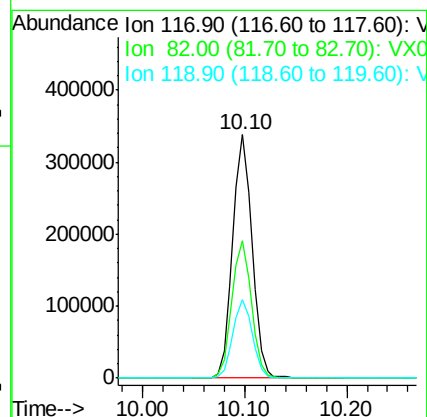
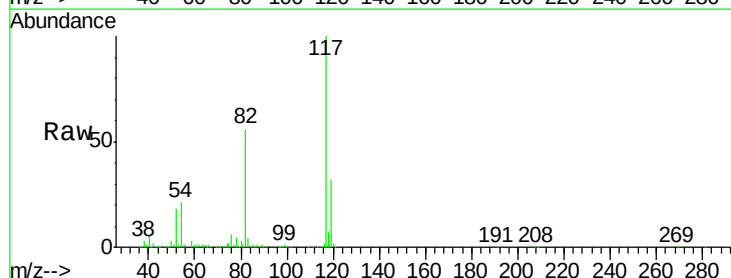
Tgt Ion: 117 Resp: 445111

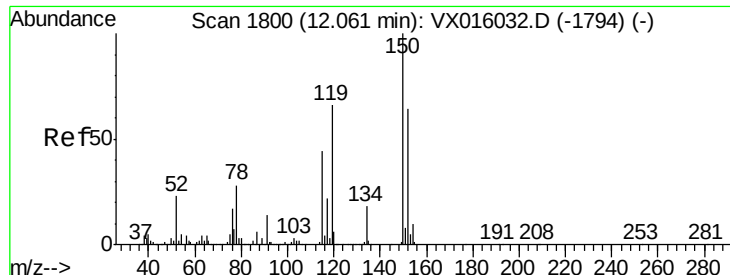
Ion Ratio Lower Upper

117 100

82 56.3 44.4 66.6

119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016201.D

Acq: 14 May 2020 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB128838ZHE#02

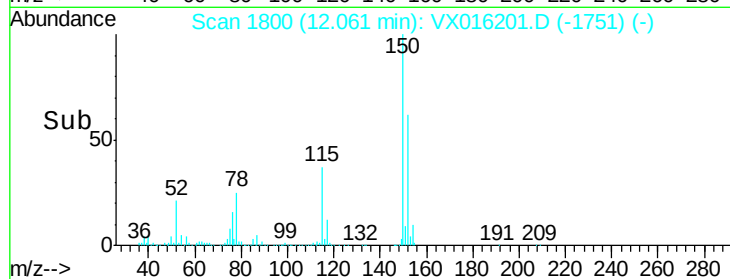
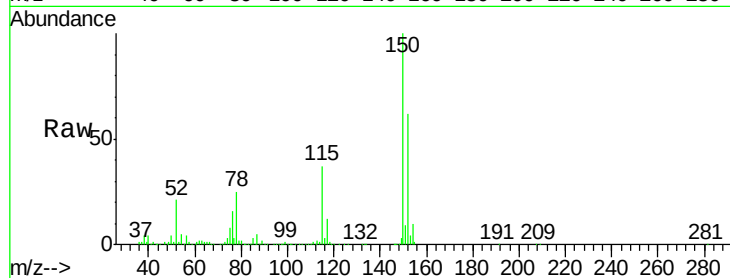
Tot Ion:152 Resp: 231136

Ion Ratio Lower Upper

152 100

115 58.9 41.3 124.1

150 159.4 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

