

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016200.D
 Acq On : 14 May 2020 00:09
 Operator : JC/SP
 Sample : PB128838ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128838ZHE#01

Quant Time: May 14 07:34:37 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

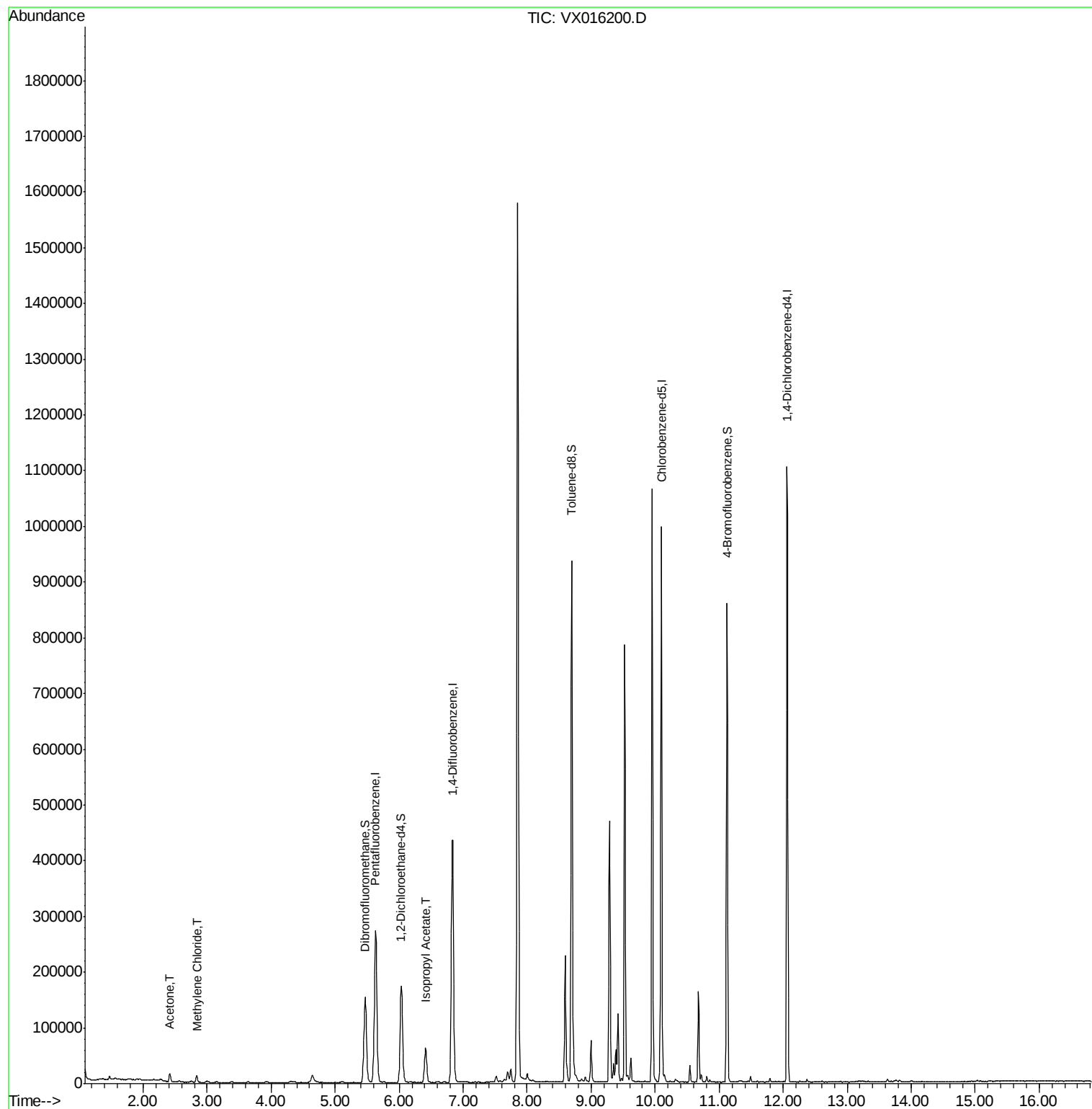
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	270430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	455630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	441564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	168160	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
35) Dibromofluoromethane	5.47	113	136192	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	8.70	98	559979	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.12	95	221449	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
Target Compounds						
16) Acetone	2.42	43	16446	10.358	ug/l	100
20) Methylene Chloride	2.84	84	5295	1.618	ug/l	98
43) Isopropyl Acetate	6.42	43	85657	10.328	ug/l	99

(#) = 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: VX016200.D

Acq: 14 May 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

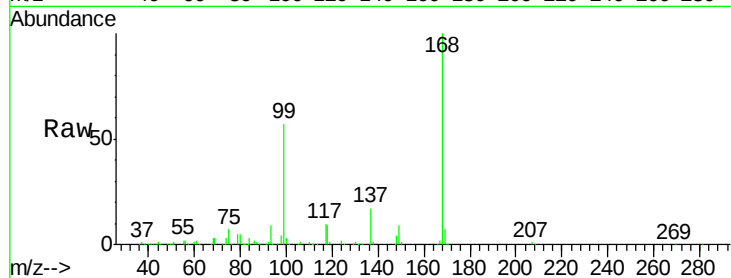
PB128838ZHE#01

Tot Ion:168 Resp: 270430

Ion Ratio Lower Upper

168 100

99 56.8 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

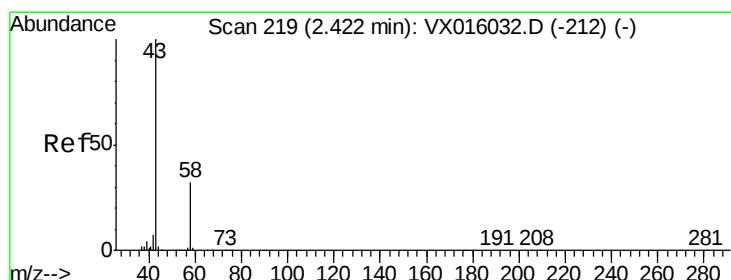
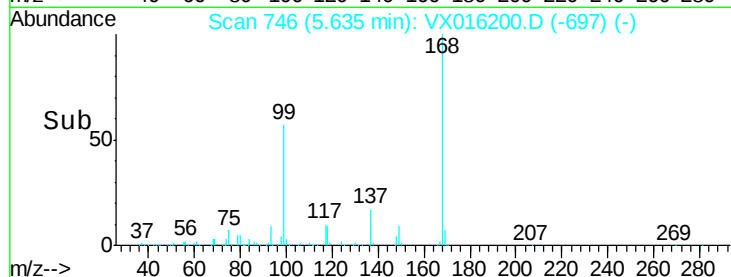
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.358 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016200.D

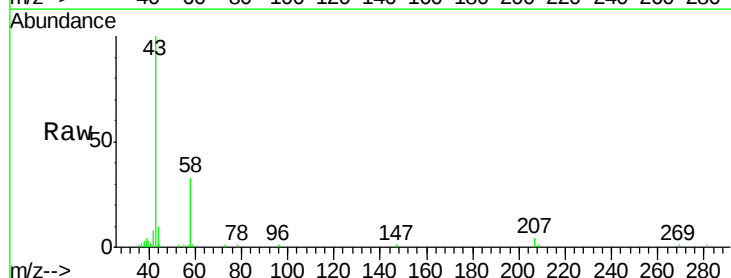
Acq: 14 May 2020 00:09

Tgt Ion: 43 Resp: 16446

Ion Ratio Lower Upper

43 100

58 32.0 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

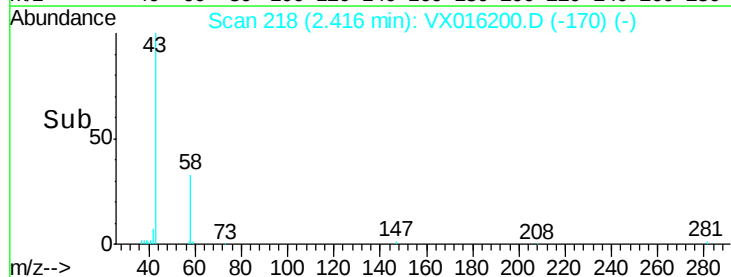
6000

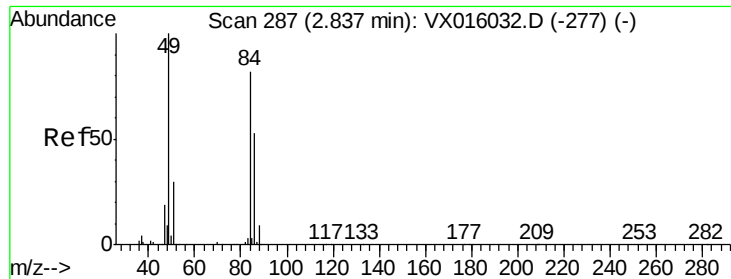
4000

2000

0

Time-->

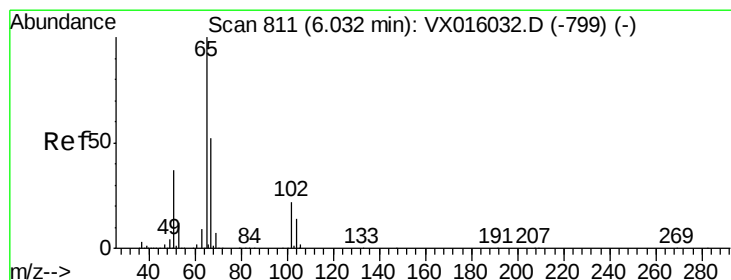
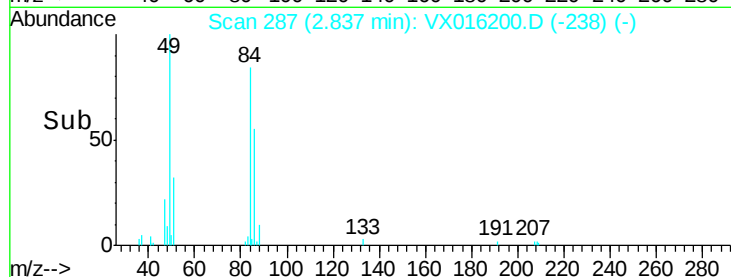
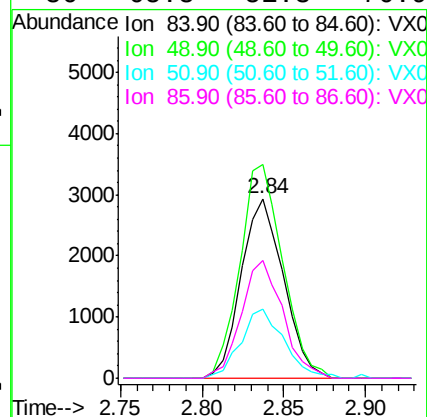
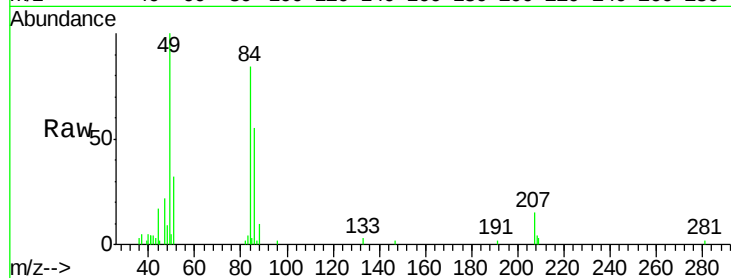




#20
Methvlene Chloride
Concen: 1.618 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

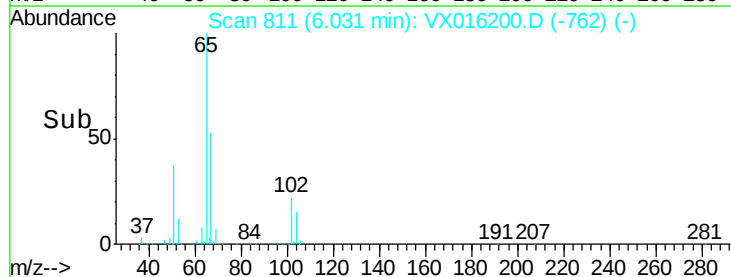
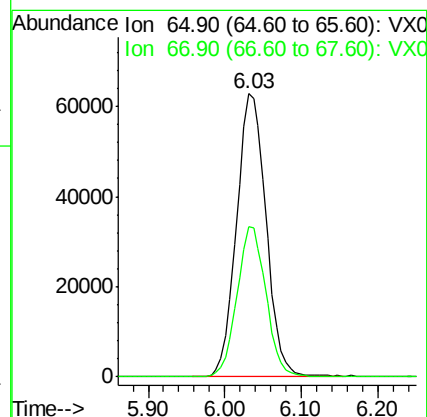
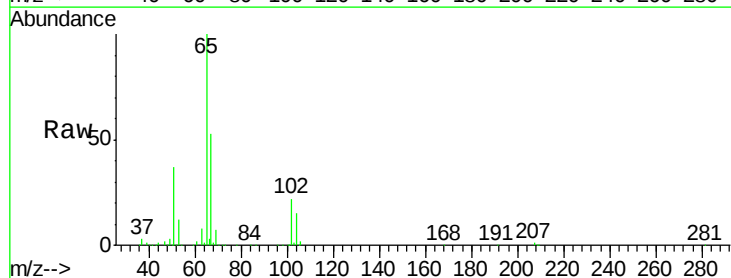
Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

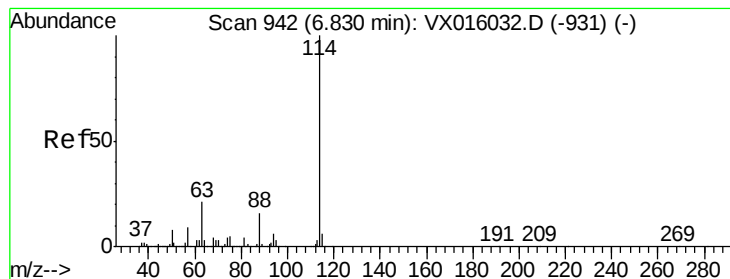
Tot Ion:	84	Resp:	5295
Ion	Ratio	Lower	Upper
84	100		
49	118.9	97.3	145.9
51	38.2	29.3	43.9
86	65.8	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 47.255 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion:	65	Resp:	168160
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VX016200.D

Acq: 14 May 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

PB128838ZHE#01

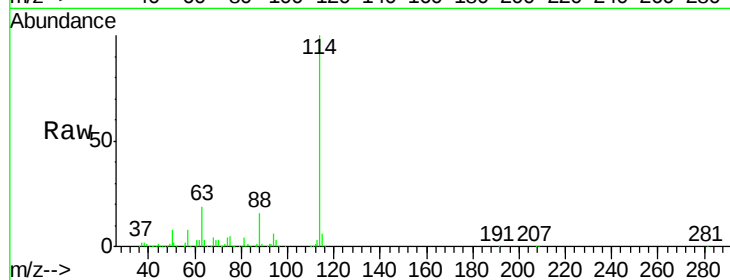
Tot Ion:114 Resp: 455630

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.8

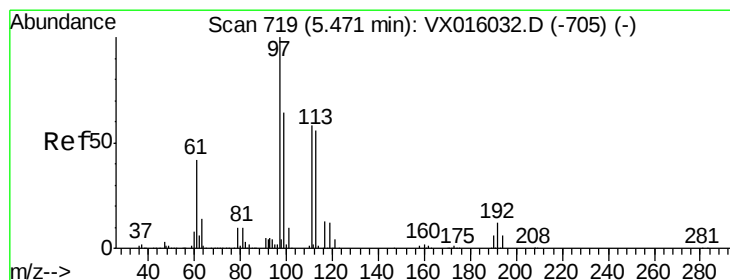
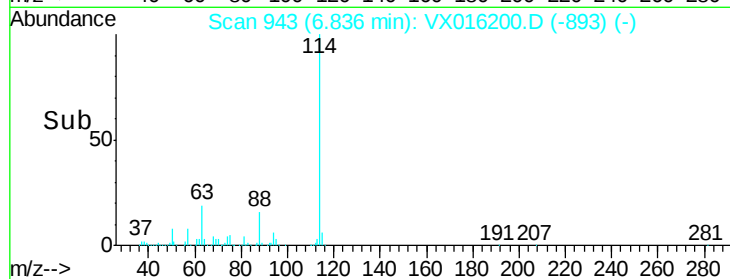
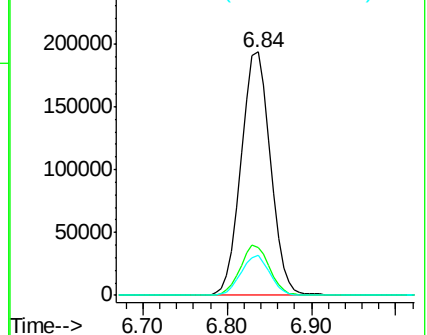
88 16.3 0.0 31.4



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: 47.181 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016200.D

Acq: 14 May 2020 00:09

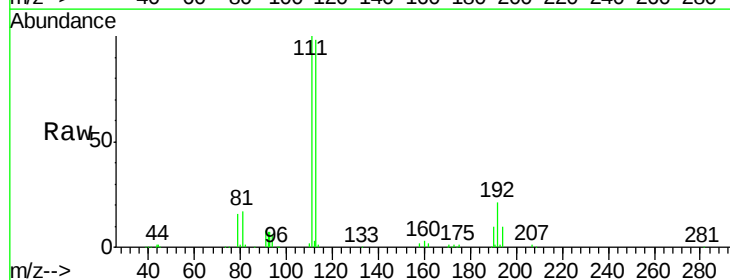
Tgt Ion:113 Resp: 136192

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

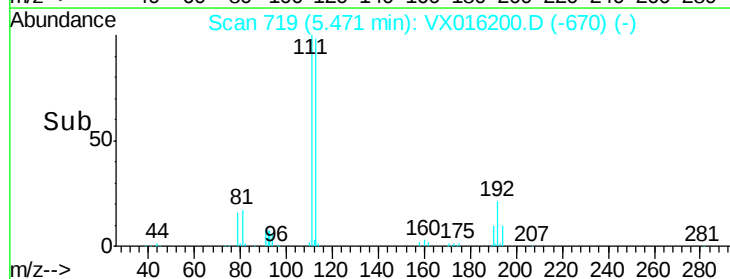
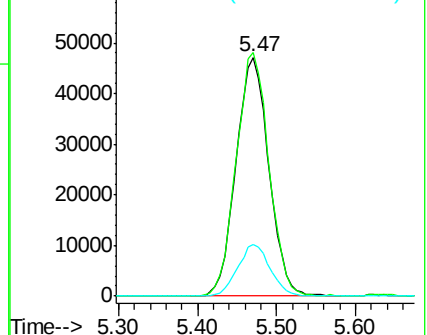
192 21.4 17.0 25.4

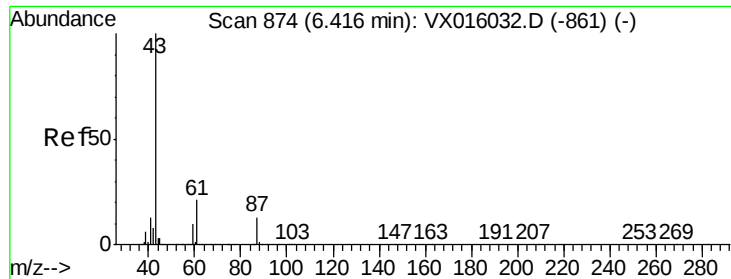


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



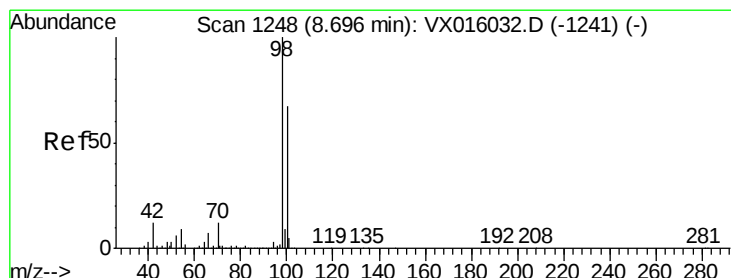
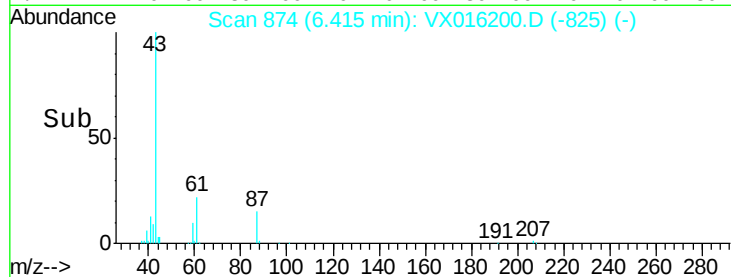
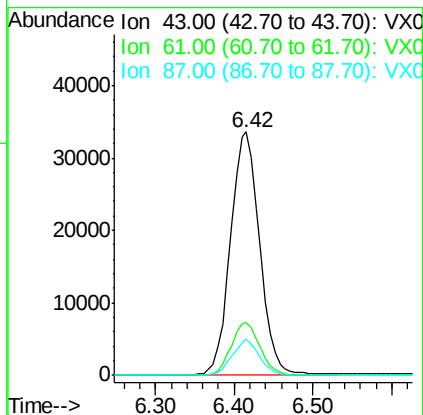
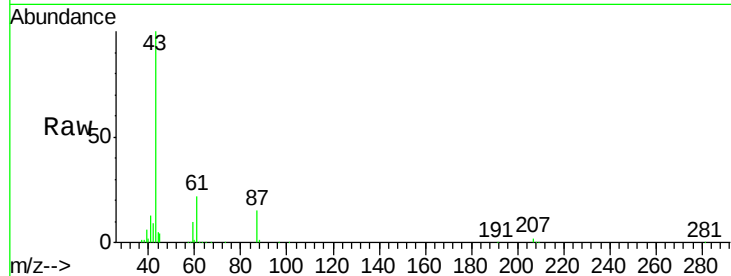


#43

Isopropyl Acetate
 Concen: 10.328 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016200.D
 Acq: 14 May 2020 00:09

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128838ZHE#01

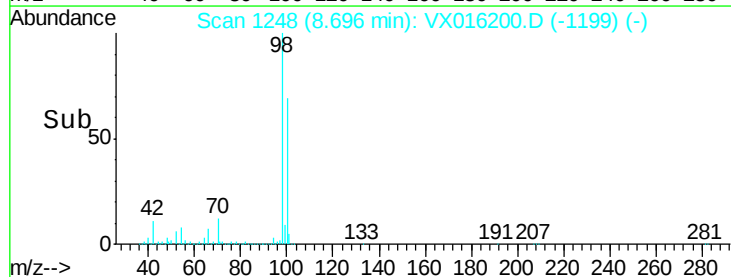
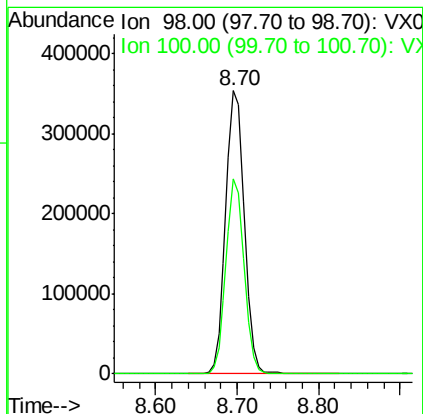
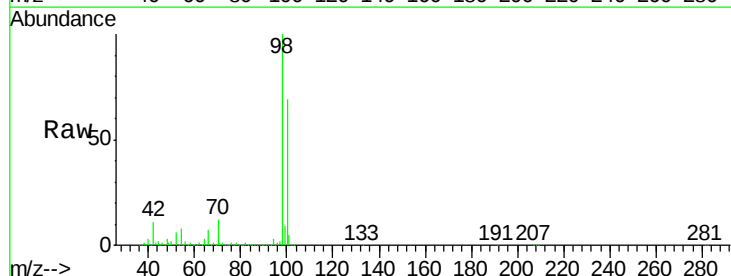
Tot Ion	43	Resp	85657
Ion Ratio	Lower	Upper	
43	100		
61	21.7	17.0	25.4
87	14.0	11.0	16.6

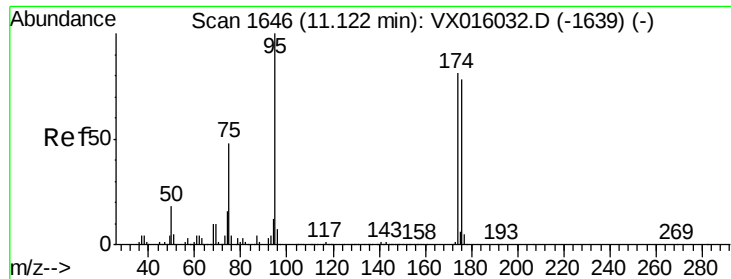


#50

Toluene-d8
 Concen: 50.347 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016200.D
 Acq: 14 May 2020 00:09

Tgt Ion	98	Resp	559979
Ion Ratio	Lower	Upper	
98	100		
100	67.2	53.7	80.5

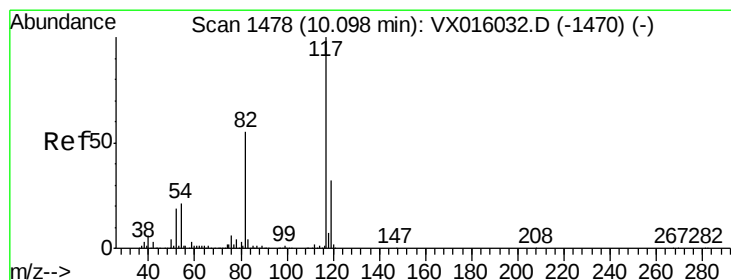
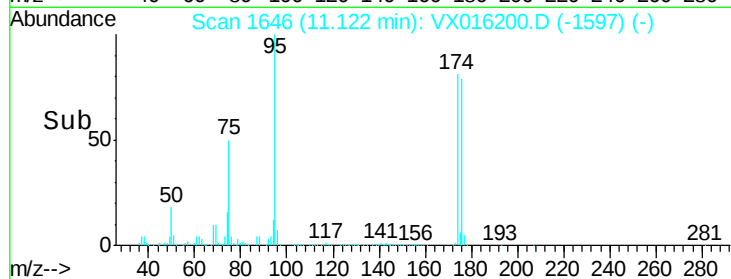
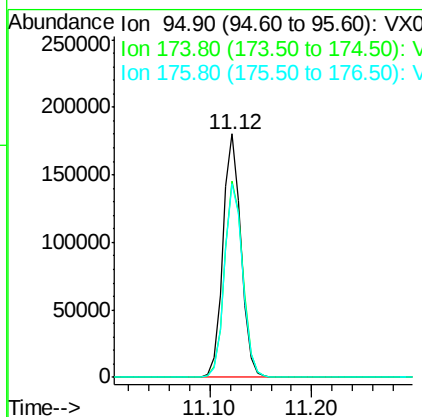
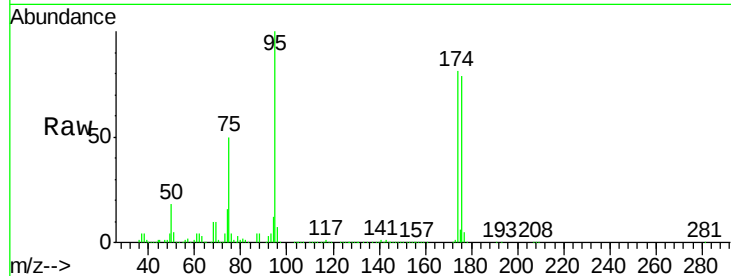




#62
4-Bromofluorobenzene
Concen: 52.347 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

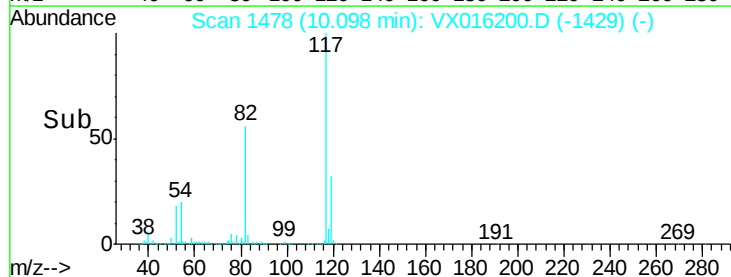
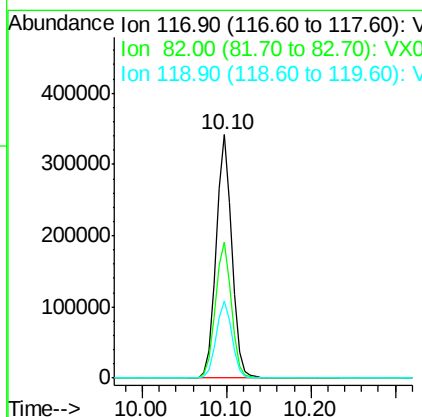
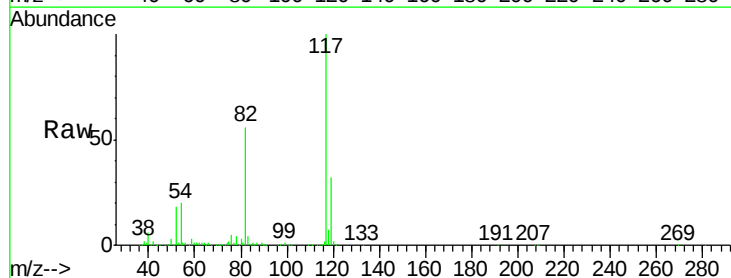
Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

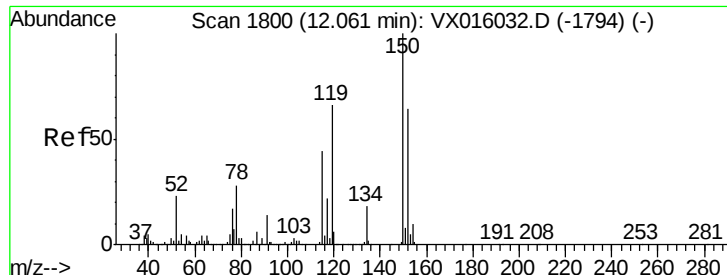
Tot Ion: 95 Resp: 221449
Ion Ratio Lower Upper
95 100
174 81.4 0.0 159.4
176 80.3 0.0 157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 117 Resp: 441564
Ion Ratio Lower Upper
117 100
82 55.8 44.4 66.6
119 31.6 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: VX016200.D

Acq: 14 May 2020 00:09

Instrument :

MSVOA_X

ClientSampleId :

PB128838ZHE#01

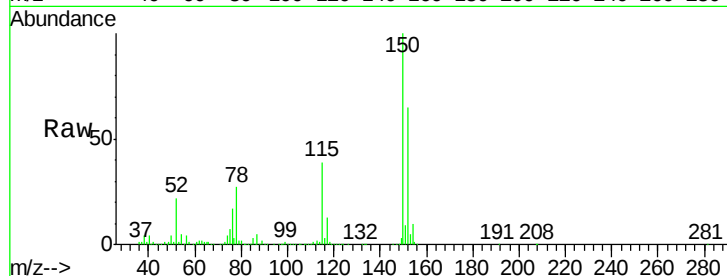
Tot Ion:152 Resp: 228207

Ion Ratio Lower Upper

152 100

115 58.9 41.3 124.1

150 157.8 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

