

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016202.D
 Acq On : 14 May 2020 00:54
 Operator : JC/SP
 Sample : PB128838ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128838ZHE#03

Quant Time: May 14 07:38:54 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	280903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	466654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230679	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	171368	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	
35) Dibromofluoromethane	5.47	113	140691	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	8.70	98	573601	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.12	95	226949	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	

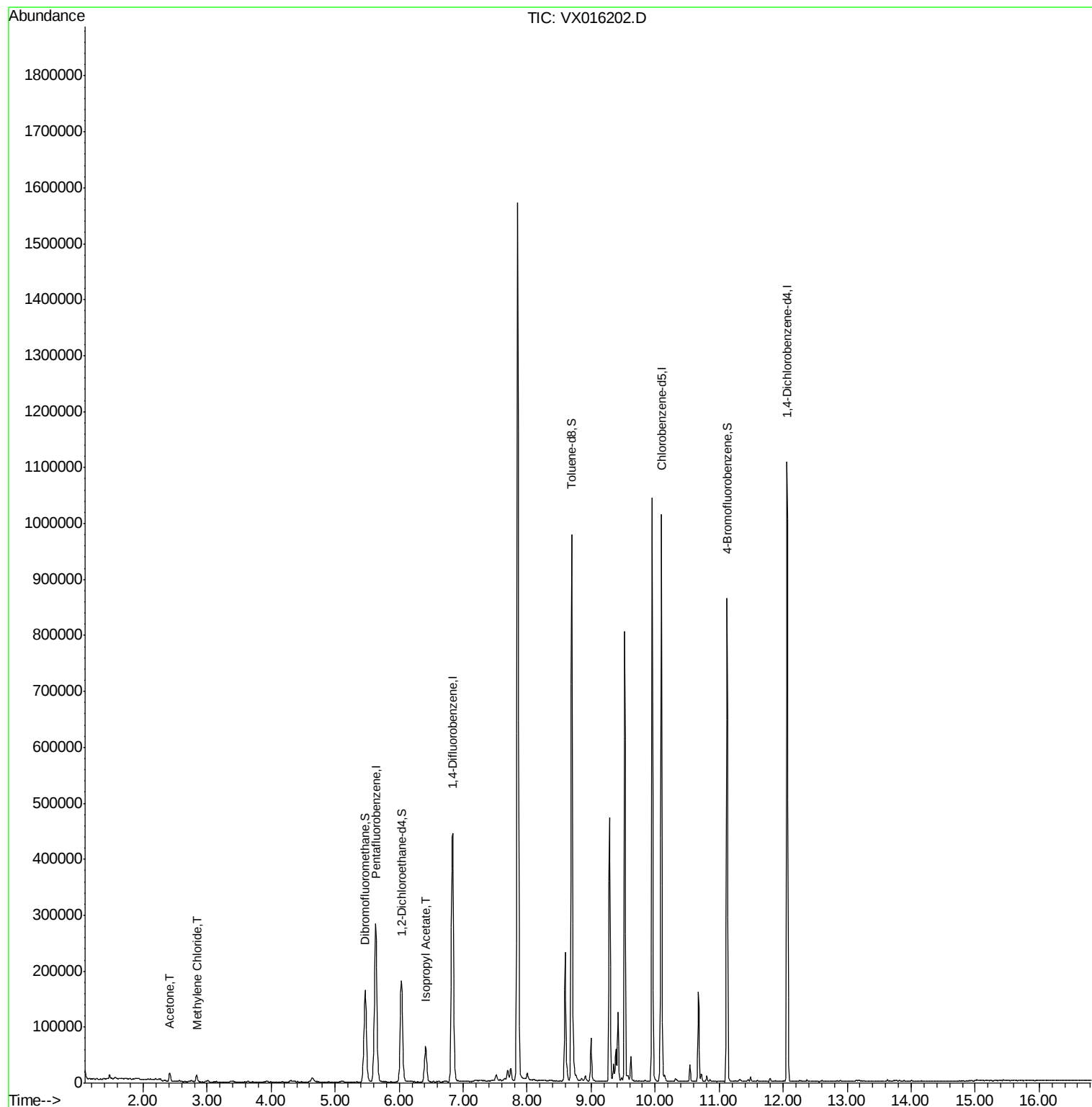
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	15603	9.460	ug/l	98
20) Methylene Chloride	2.84	84	5868	1.726	ug/l	92
43) Isopropyl Acetate	6.41	43	85844	10.106	ug/l	99

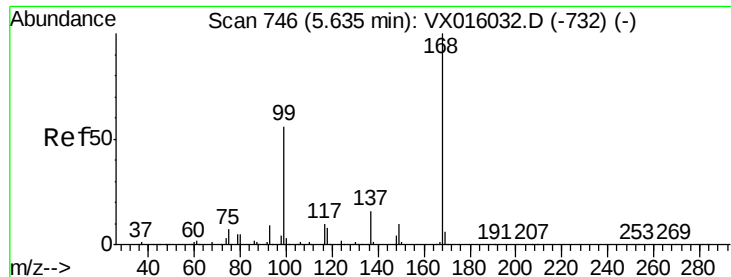
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016202.D

Acq: 14 May 2020 00:54

Instrument :

MSVOA_X

ClientSampleId :

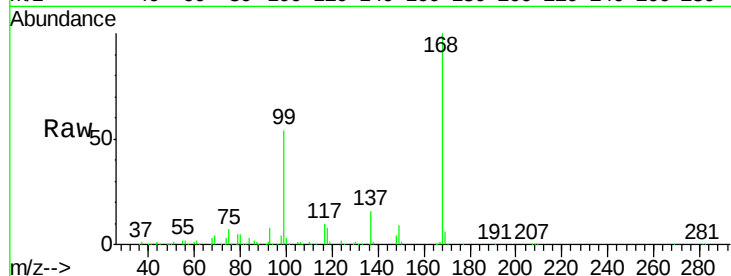
PB128838ZHE#03

Tot Ion:168 Resp: 280903

Ion Ratio Lower Upper

168 100

99 53.7 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

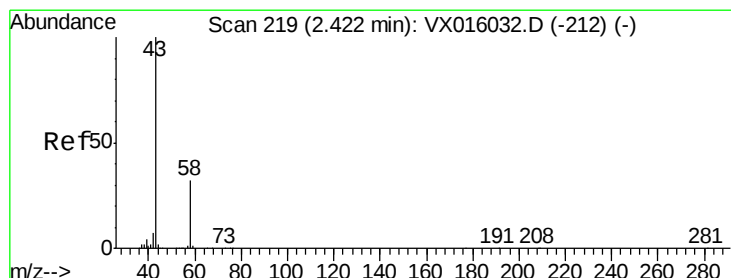
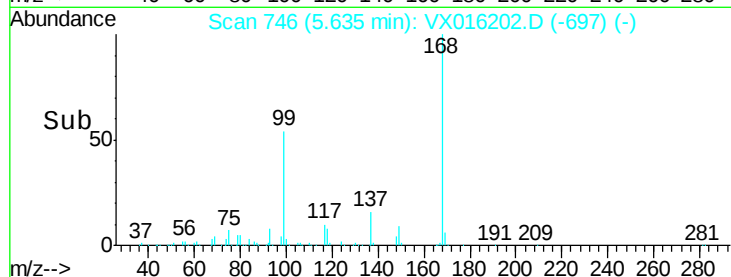
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.460 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016202.D

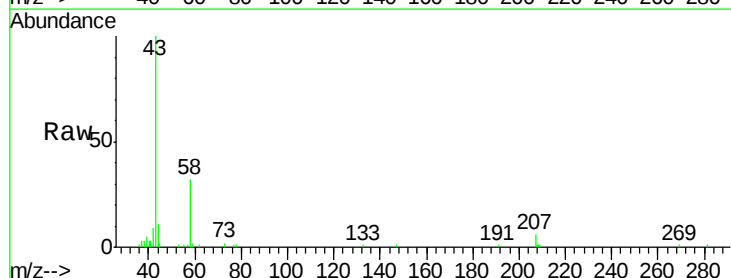
Acq: 14 May 2020 00:54

Tgt Ion: 43 Resp: 15603

Ion Ratio Lower Upper

43 100

58 32.7 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

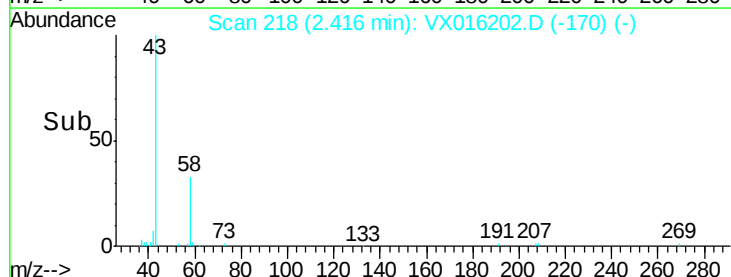
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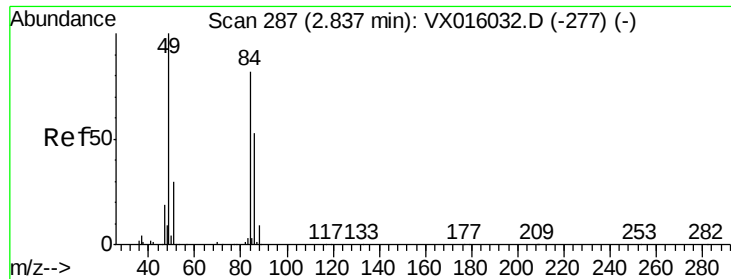
4000

2000

0

Time-->

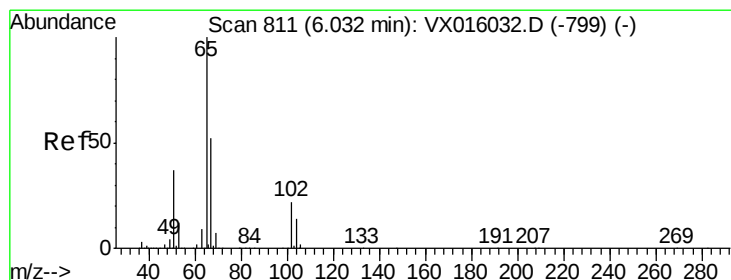
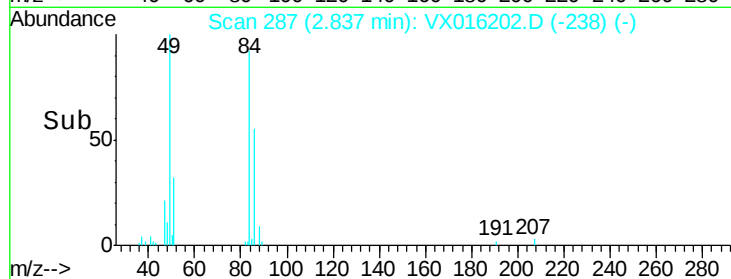
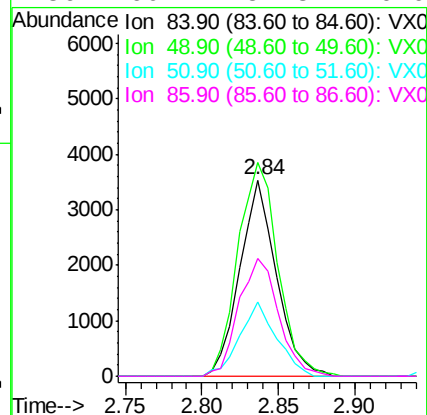
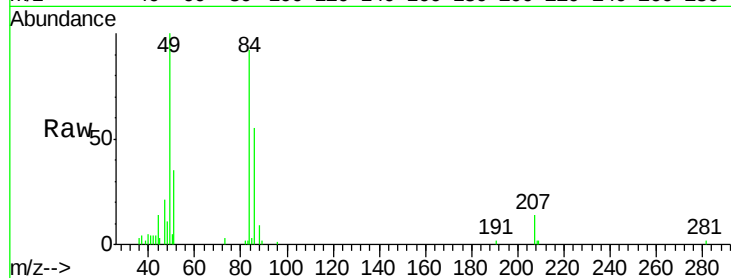




#20
Methvlene Chloride
Concen: 1.726 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016202.D
Acq: 14 May 2020 00:54

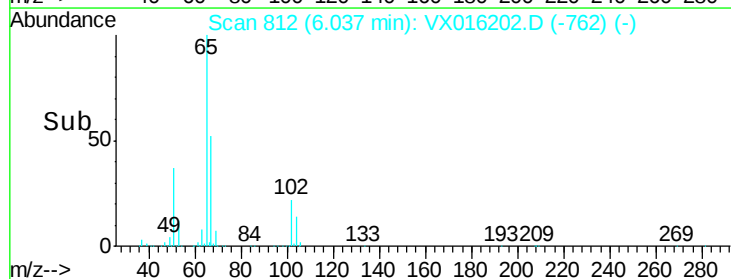
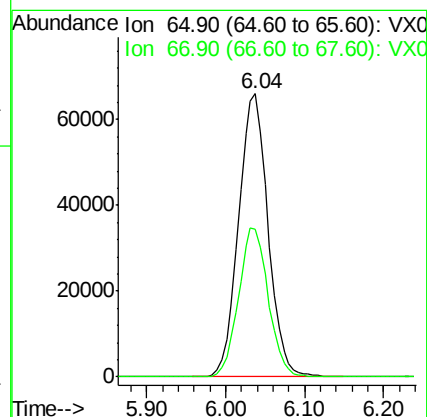
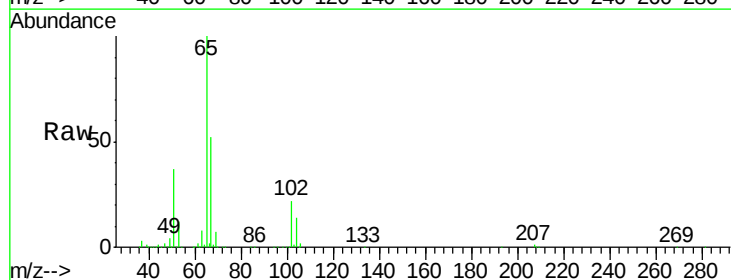
Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#03

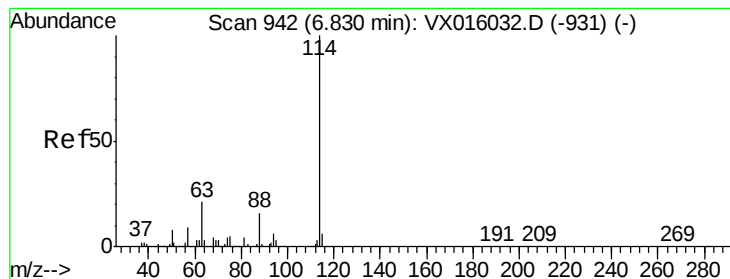
Tot Ion:	84	Resp:	5868
Ion	Ratio	Lower	Upper
84	100		
49	108.8	97.3	145.9
51	37.8	29.3	43.9
86	60.1	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 46.361 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016202.D
Acq: 14 May 2020 00:54

Tgt Ion:	65	Resp:	171368
Ion	Ratio	Lower	Upper
65	100		
67	53.3	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: VX016202.D

Acq: 14 May 2020 00:54

Instrument :

MSVOA_X

ClientSampleId :

PB128838ZHE#03

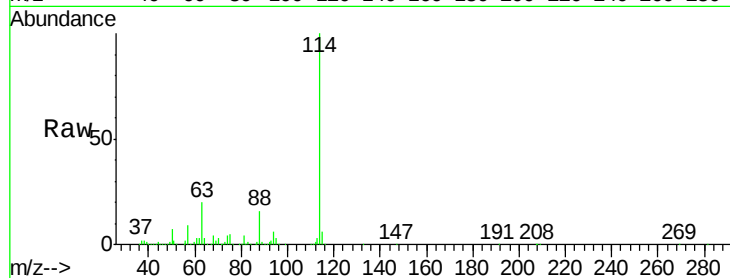
Tot Ion:114 Resp: 466654

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

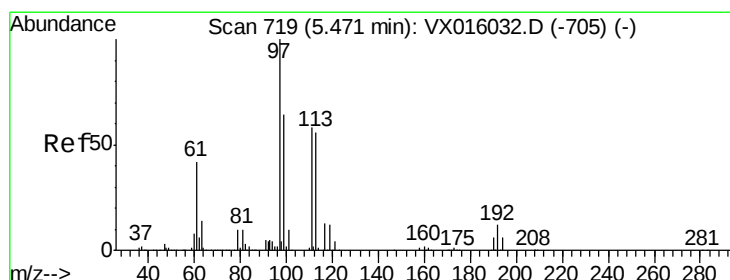
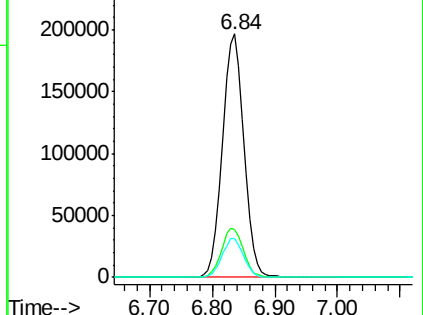
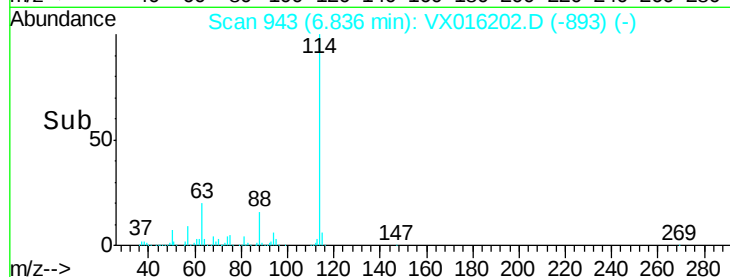
88 16.1 0.0 31.4



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: 47.588 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016202.D

Acq: 14 May 2020 00:54

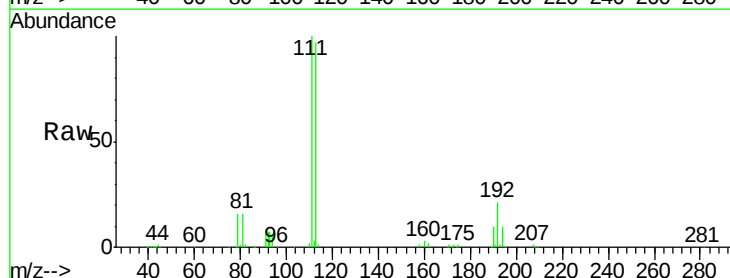
Tgt Ion:113 Resp: 140691

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

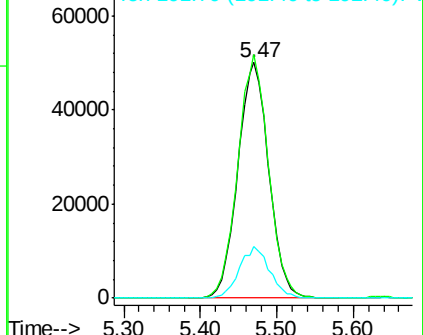
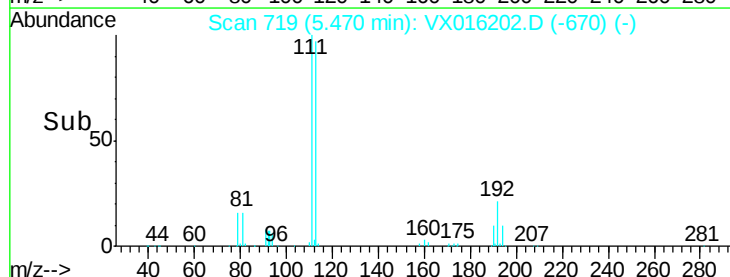
192 21.6 17.0 25.4

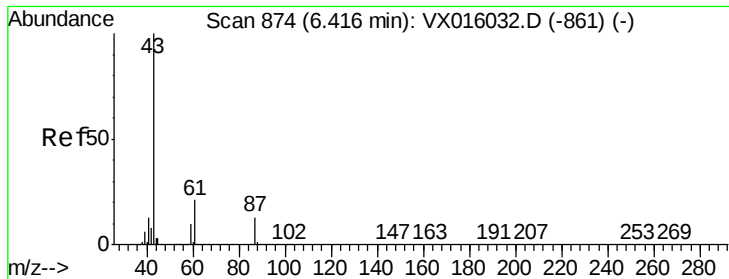


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



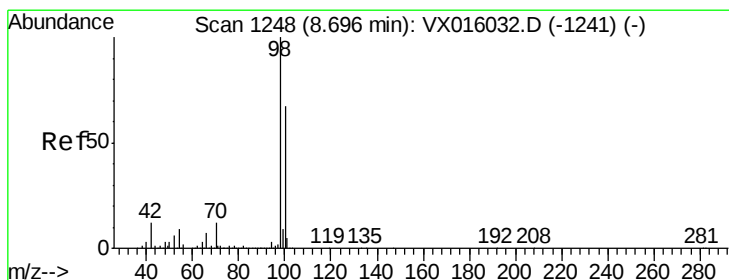
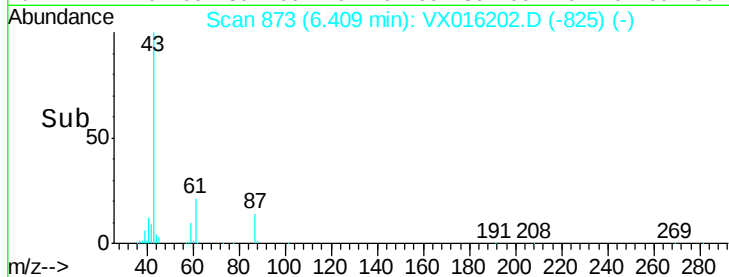
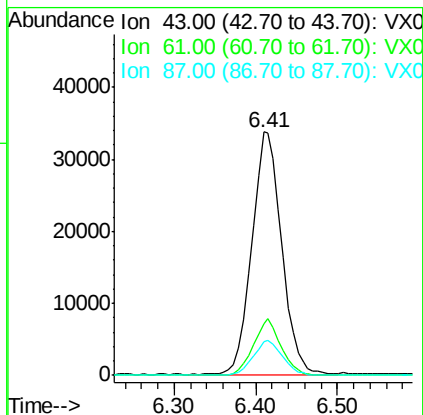
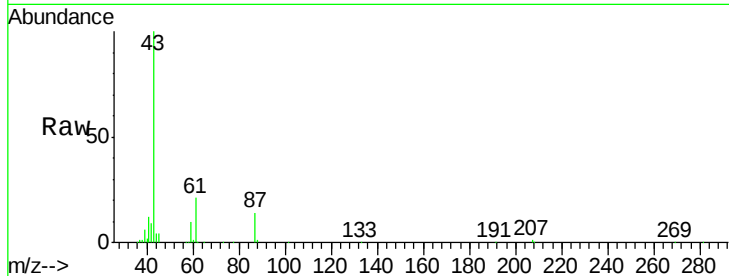


#43

Isopropyl Acetate
 Concen: 10.106 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016202.D
 Acq: 14 May 2020 00:54

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128838ZHE#03

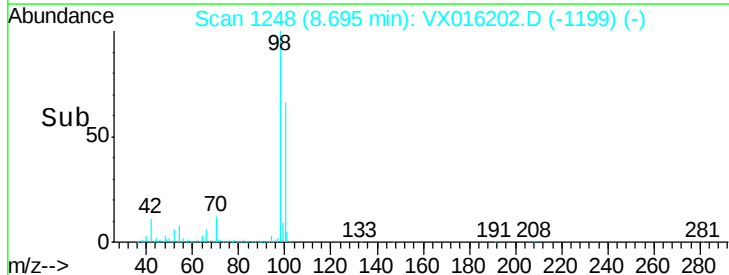
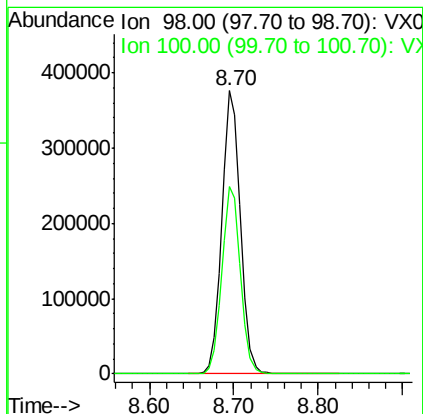
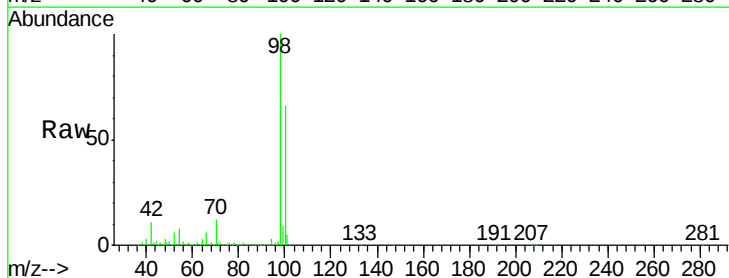
Tot Ion	43	Resp	85844
Ion Ratio	Lower	Upper	
43	100		
61	21.6	17.0	25.4
87	14.1	11.0	16.6

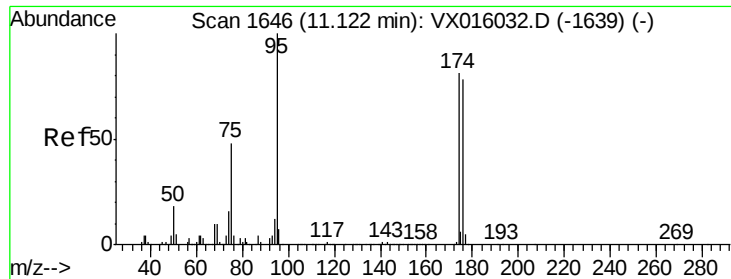


#50

Toluene-d8
 Concen: 50.354 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016202.D
 Acq: 14 May 2020 00:54

Tgt Ion	98	Resp	573601
Ion Ratio	Lower	Upper	
98	100		
100	66.2	53.7	80.5





#62

4-Bromofluorobenzene

Concen: 52.380 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016202.D

Acq: 14 May 2020 00:54

Instrument :

MSVOA_X

ClientSampleId :

PB128838ZHE#03

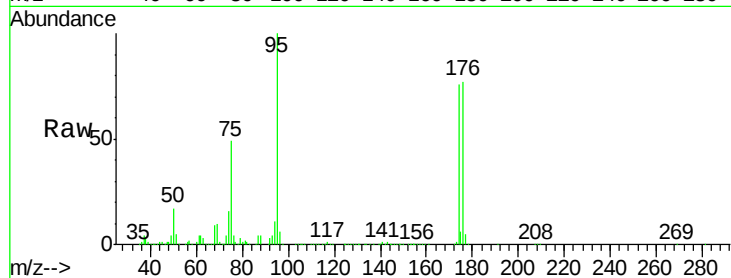
Tot Ion: 95 Resp: 226949

Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.4

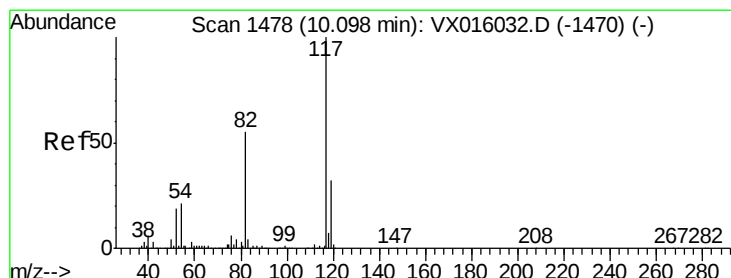
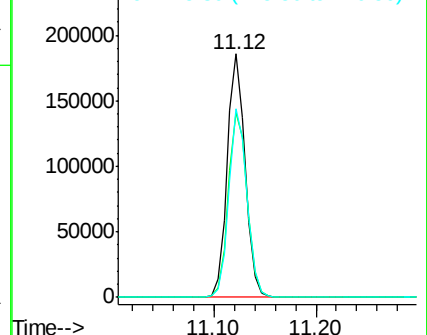
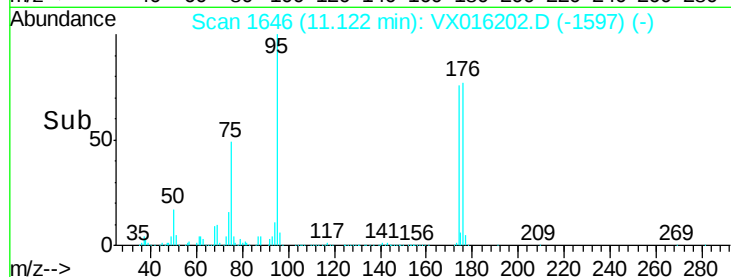
176 77.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016202.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016202.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016202.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016202.D

Acq: 14 May 2020 00:54

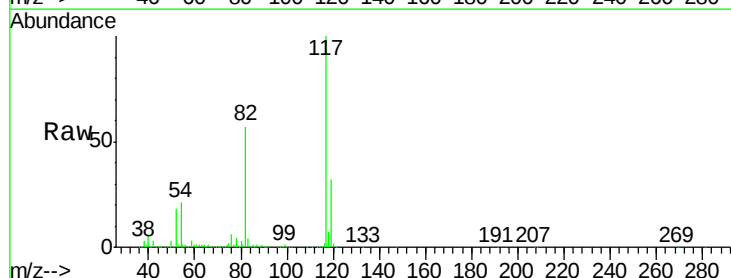
Tgt Ion: 117 Resp: 449381

Ion Ratio Lower Upper

117 100

82 56.6 44.4 66.6

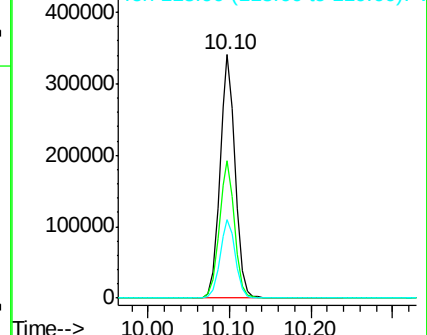
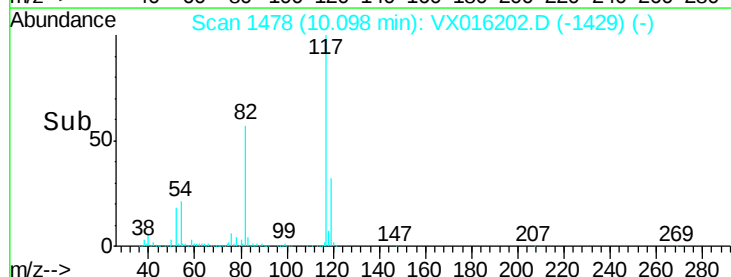
119 32.2 25.5 38.3

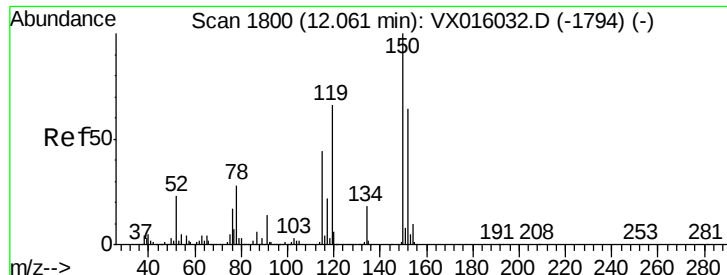


Abundance Ion 116.90 (116.60 to 117.60): VX016202.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016202.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016202.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016202.D

Acq: 14 May 2020 00:54

Instrument :

MSVOA_X

ClientSampleId :

PB128838ZHE#03

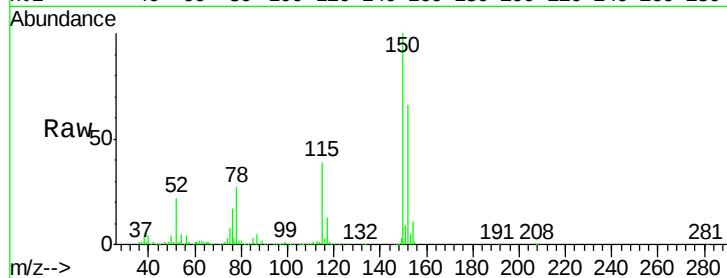
Tot Ion:152 Resp: 230679

Ion Ratio Lower Upper

152 100

115 59.0 41.3 124.1

150 156.3 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

