

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016150.D
 Acq On : 11 May 2020 15:42
 Operator : JC/SP
 Sample : PB128761TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128761TB

Quant Time: May 12 08:07:35 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

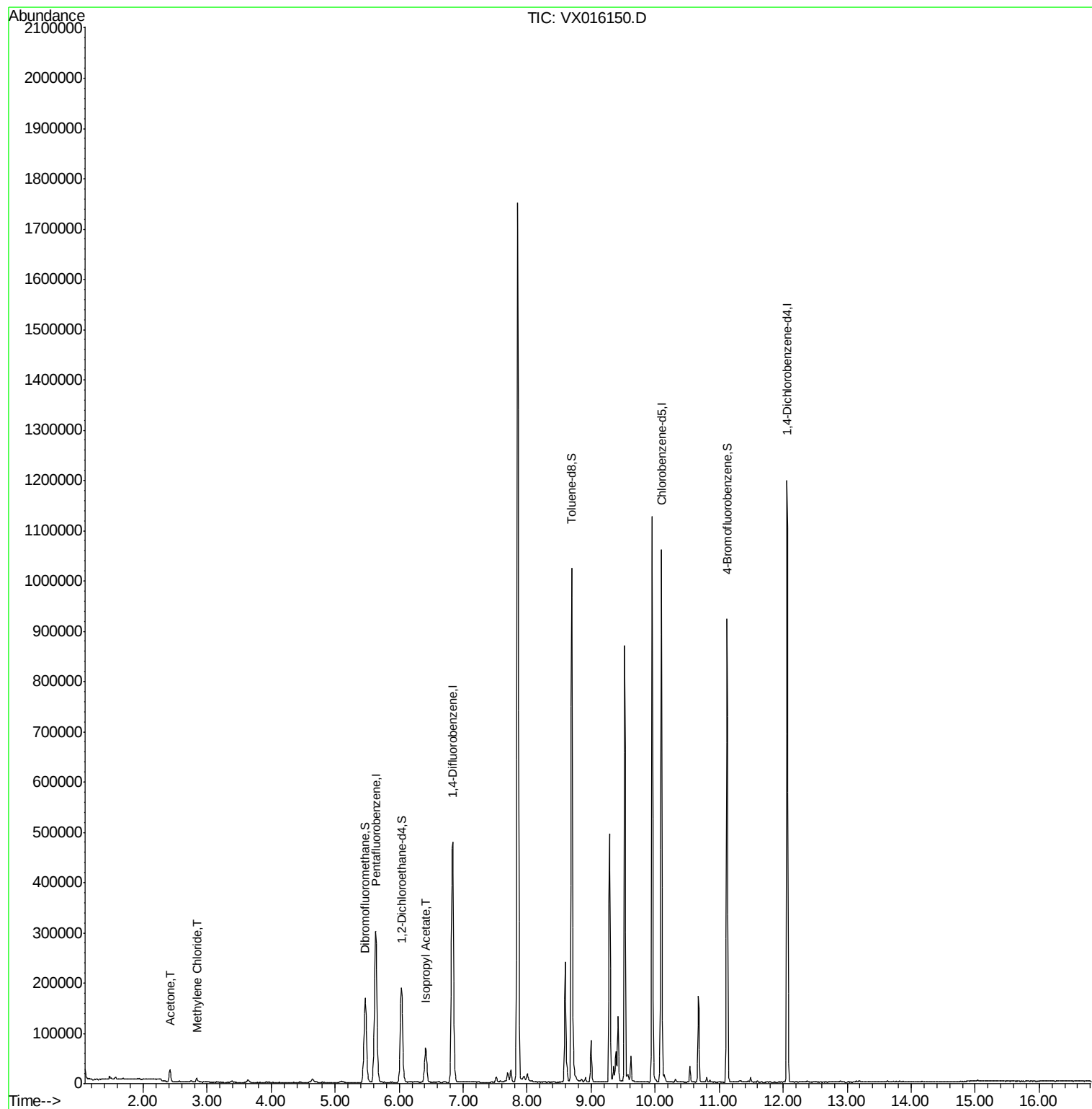
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	295057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	492473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	482185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	248529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	179043	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	5.47	113	144613	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
50) Toluene-d8	8.70	98	608556	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.12	95	242494	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
Target Compounds						
16) Acetone	2.42	43	25443	14.687	ug/l	100
20) Methylene Chloride	2.84	84	3782	1.059	ug/l	90
43) Isopropyl Acetate	6.42	43	93870	10.471	ug/l	99

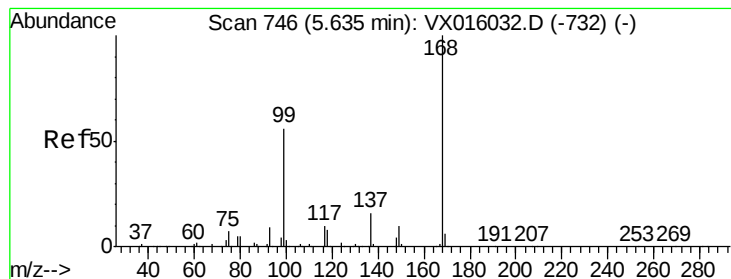
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016150.D

Acq: 11 May 2020 15:42

Instrument :

MSVOA_X

ClientSampleId :

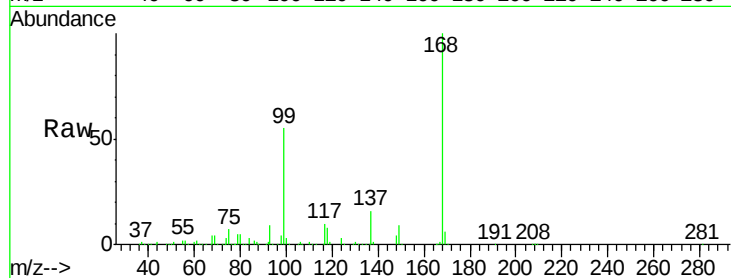
PB128761TB

Tot Ion:168 Resp: 295057

Ion Ratio Lower Upper

168 100

99 54.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

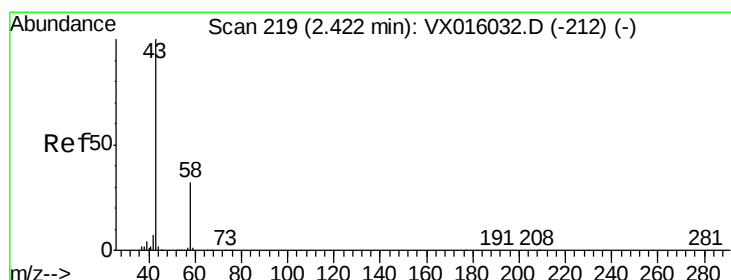
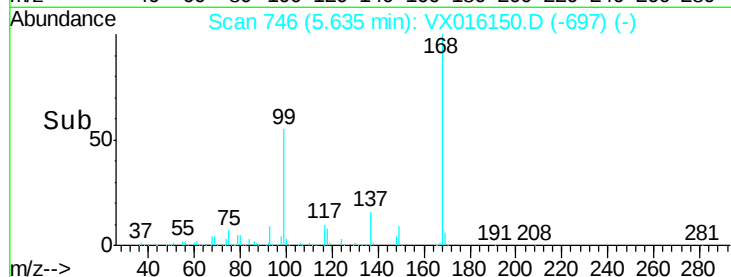
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 14.687 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016150.D

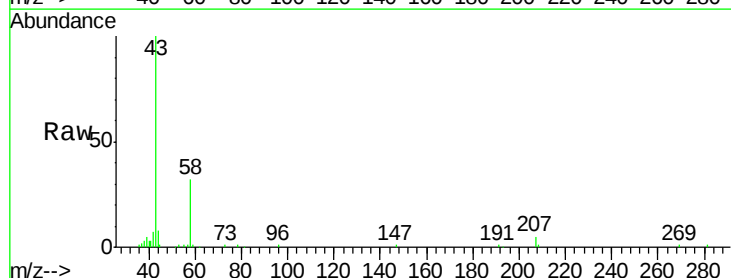
Acq: 11 May 2020 15:42

Tgt Ion: 43 Resp: 25443

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

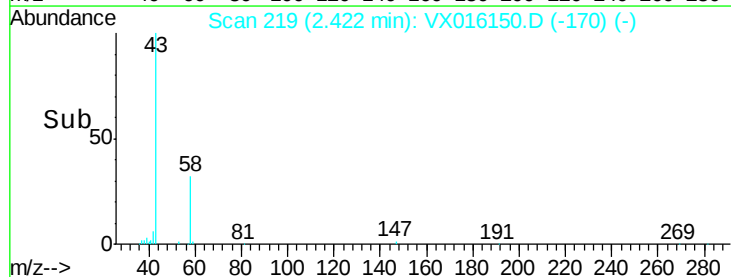
15000

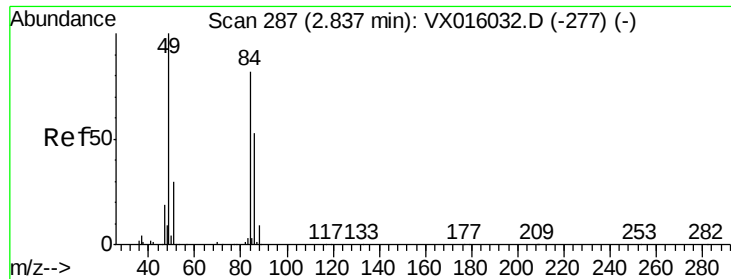
10000

5000

0

Time--> 2.30 2.35 2.40 2.45 2.50

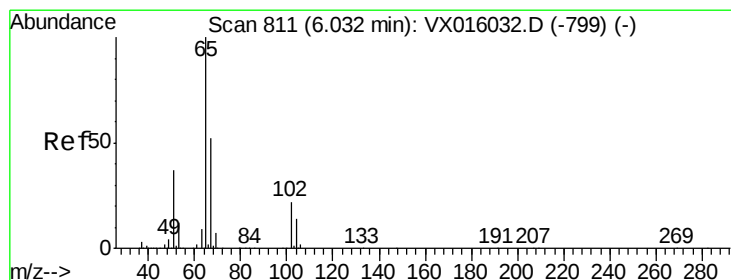
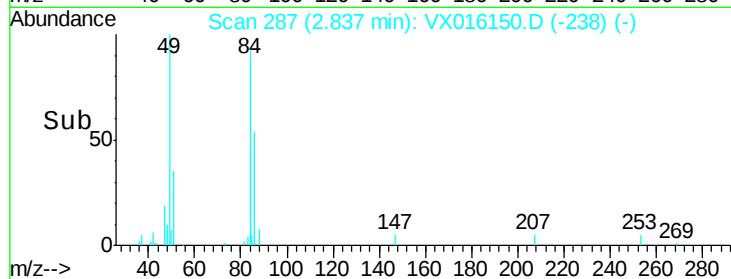
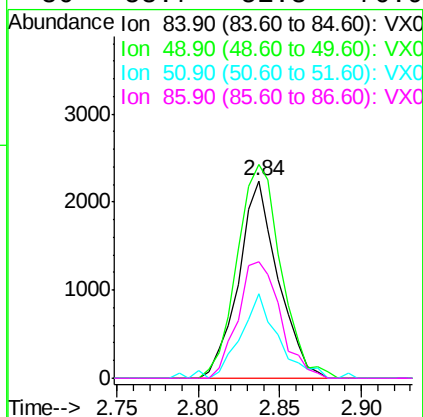
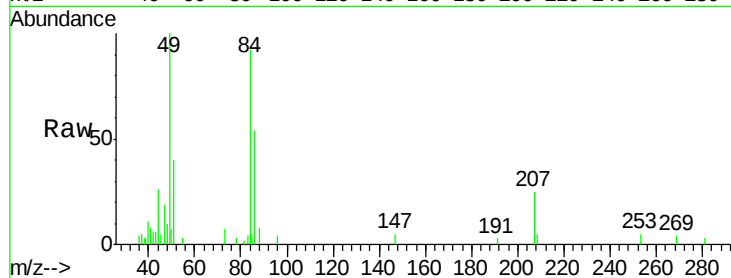




#20
Methvlene Chloride
Concen: 1.059 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016150.D
Acq: 11 May 2020 15:42

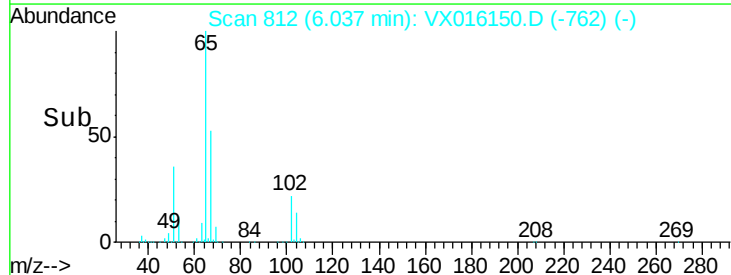
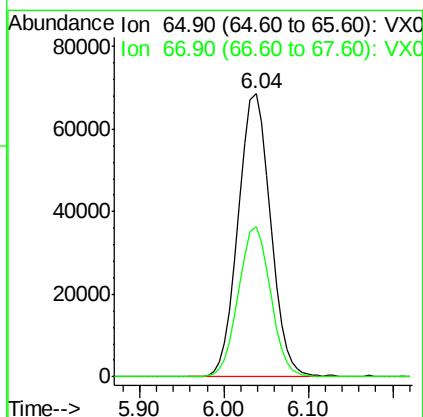
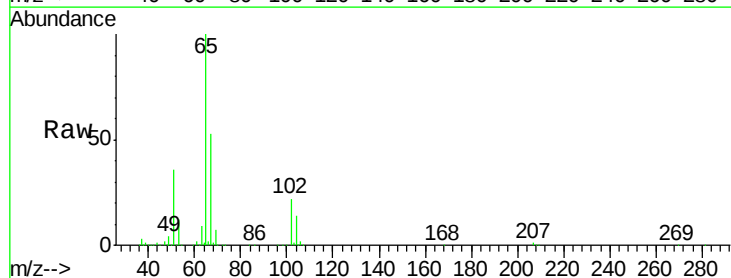
Instrument :
MSVOA_X
ClientSampleId :
PB128761TB

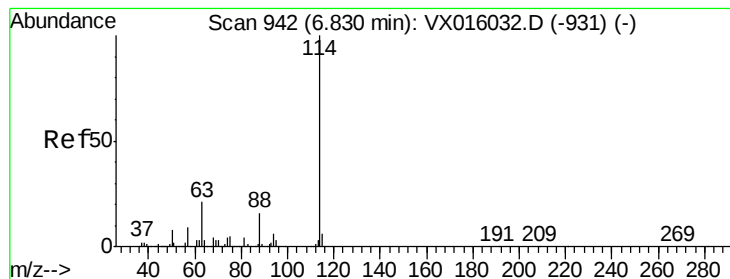
Tot Ion:	84	Resp:	3782
Ion	Ratio	Lower	Upper
84	100		
49	108.2	97.3	145.9
51	43.1	29.3	43.9
86	58.7	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 46.114 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016150.D
Acq: 11 May 2020 15:42

Tgt Ion:	65	Resp:	179043
Ion	Ratio	Lower	Upper
65	100		
67	52.9	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: VX016150.D

Acq: 11 May 2020 15:42

Instrument :

MSVOA_X

ClientSampleId :

PB128761TB

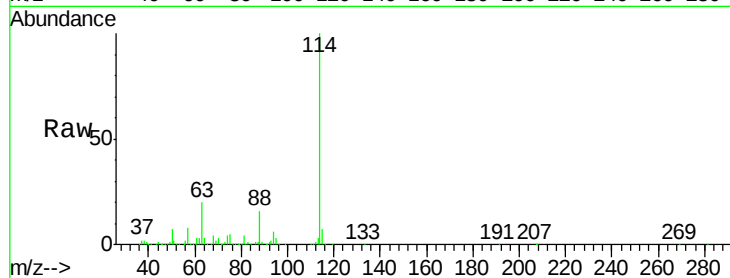
Tot Ion:114 Resp: 492473

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

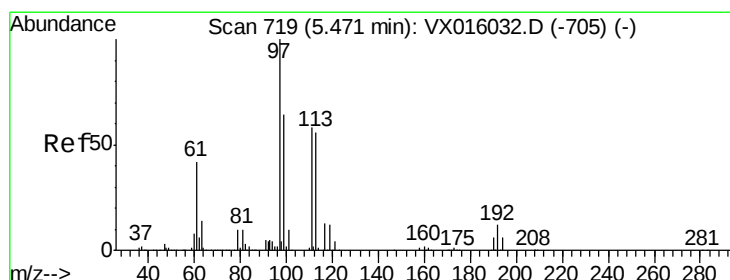
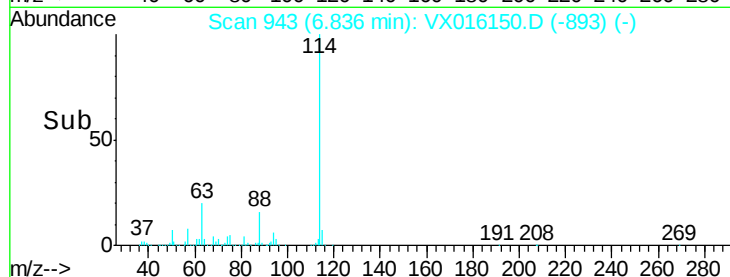
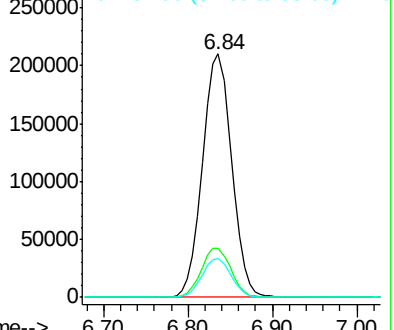
88 16.1 0.0 31.4



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: 46.350 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016150.D

Acq: 11 May 2020 15:42

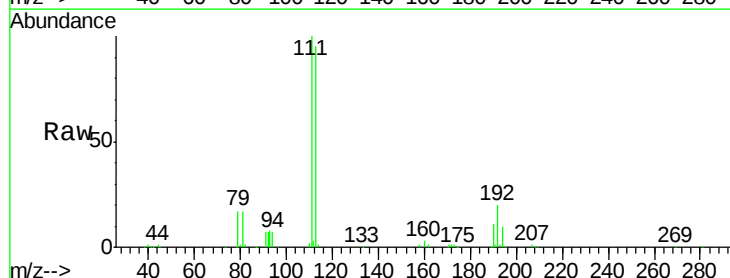
Tgt Ion:113 Resp: 144613

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

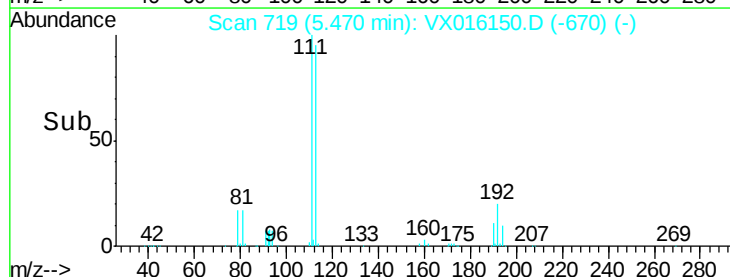
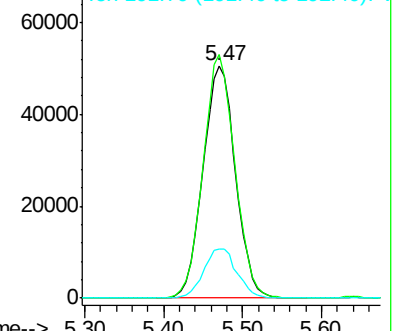
192 21.7 17.0 25.4

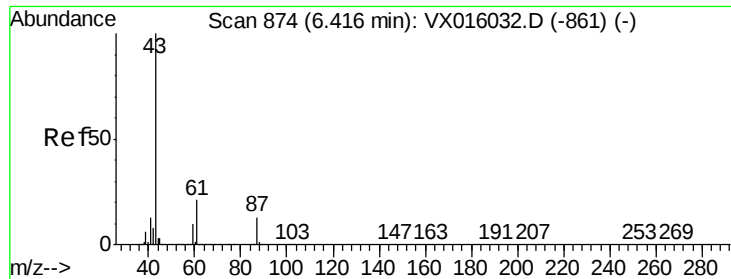


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



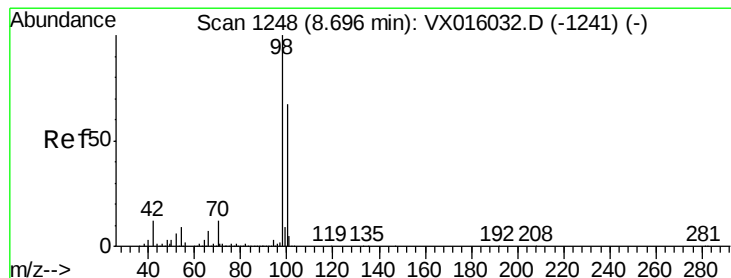
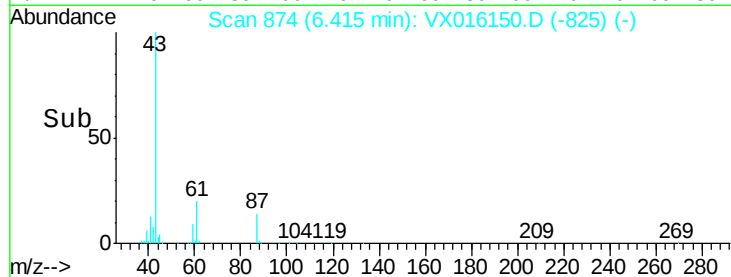
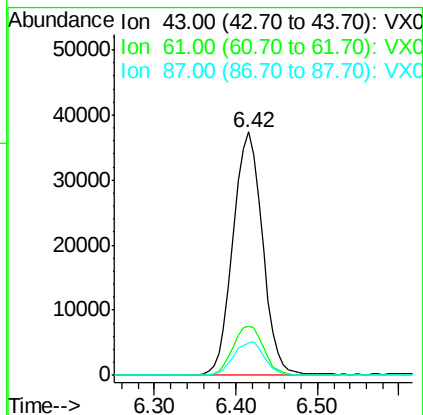
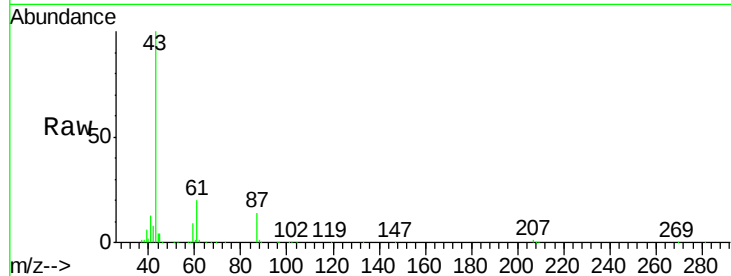


#43

Isopropyl Acetate
 Concen: 10.471 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016150.D
 Acq: 11 May 2020 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128761TB

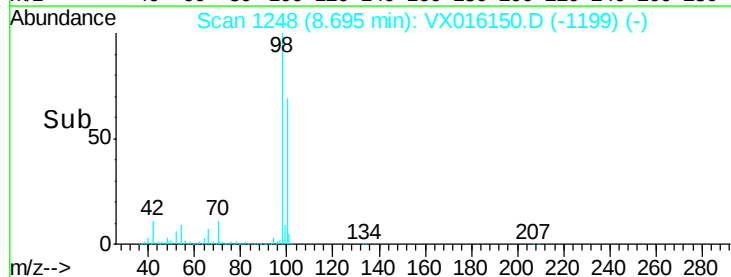
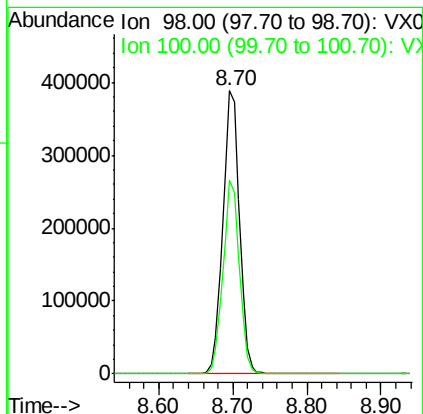
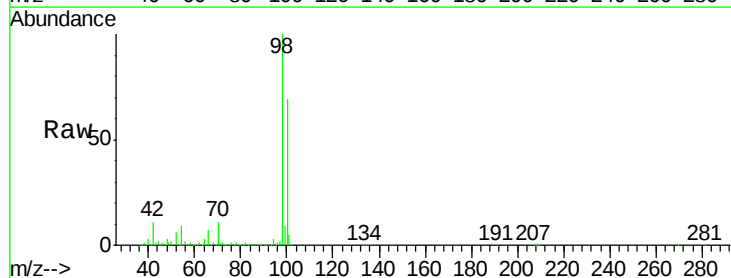
Tot Ion	43	Resp	93870
Ion Ratio	Lower	Upper	
43	100		
61	21.0	17.0	25.4
87	14.2	11.0	16.6

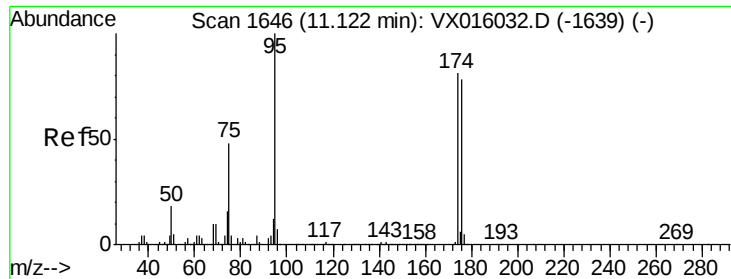


#50

Toluene-d8
 Concen: 50.622 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016150.D
 Acq: 11 May 2020 15:42

Tgt Ion	98	Resp	608556
Ion Ratio	Lower	Upper	
98	100		
100	66.7	53.7	80.5





#62

4-Bromofluorobenzene

Concen: 53.033 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016150.D

Acq: 11 May 2020 15:42

Instrument :

MSVOA_X

ClientSampleId :

PB128761TB

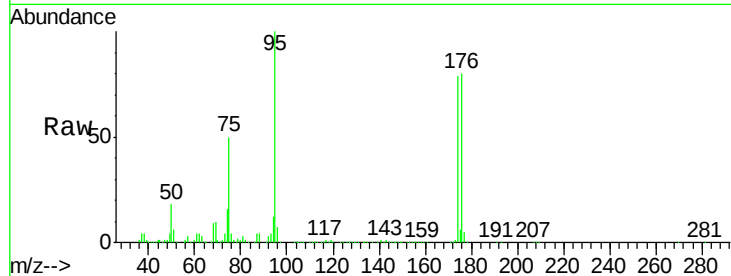
Tot Ion: 95 Resp: 242494

Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.4

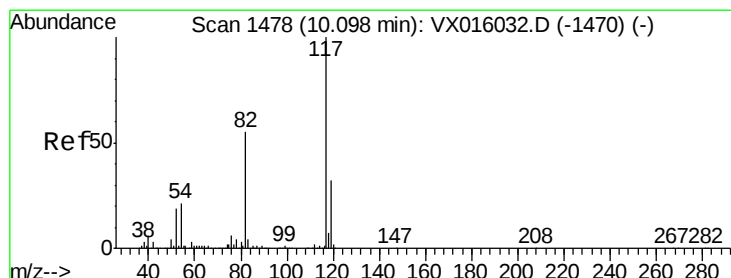
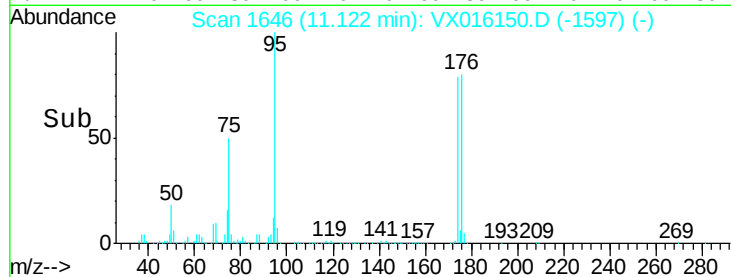
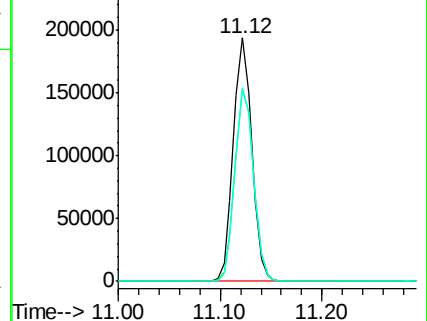
176 79.2 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016150.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016150.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016150.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016150.D

Acq: 11 May 2020 15:42

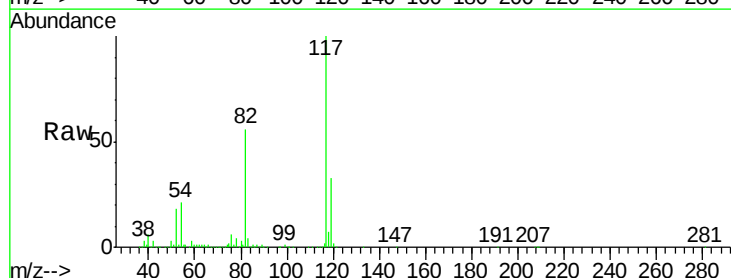
Tgt Ion: 117 Resp: 482185

Ion Ratio Lower Upper

117 100

82 55.8 44.4 66.6

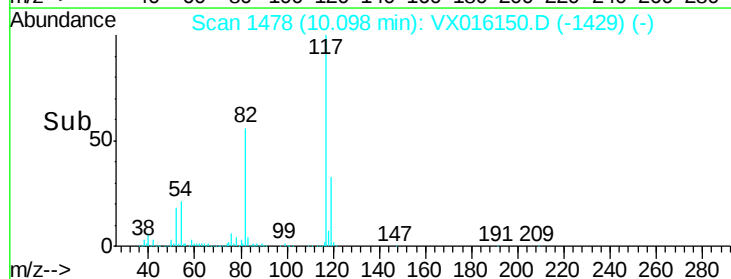
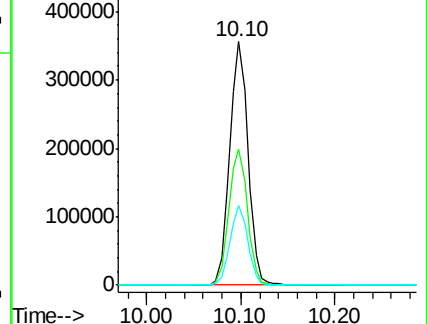
119 32.9 25.5 38.3

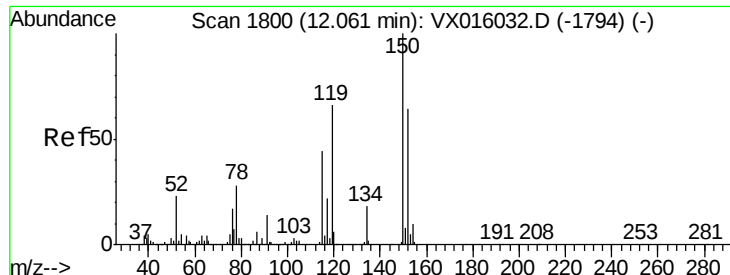


Abundance Ion 116.90 (116.60 to 117.60): VX016150.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016150.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016150.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: VX016150.D

Acq: 11 May 2020 15:42

Instrument :

MSVOA_X

ClientSampleId :

PB128761TB

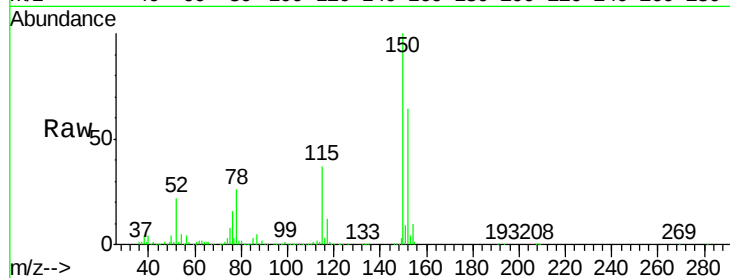
Tot Ion:152 Resp: 248529

Ion Ratio Lower Upper

152 100

115 58.0 41.3 124.1

150 155.6 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

