

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016258.D
 Acq On : 15 May 2020 02:35
 Operator : JC/SP
 Sample : PB128866ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128866ZHE#06

Quant Time: May 15 05:53:56 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

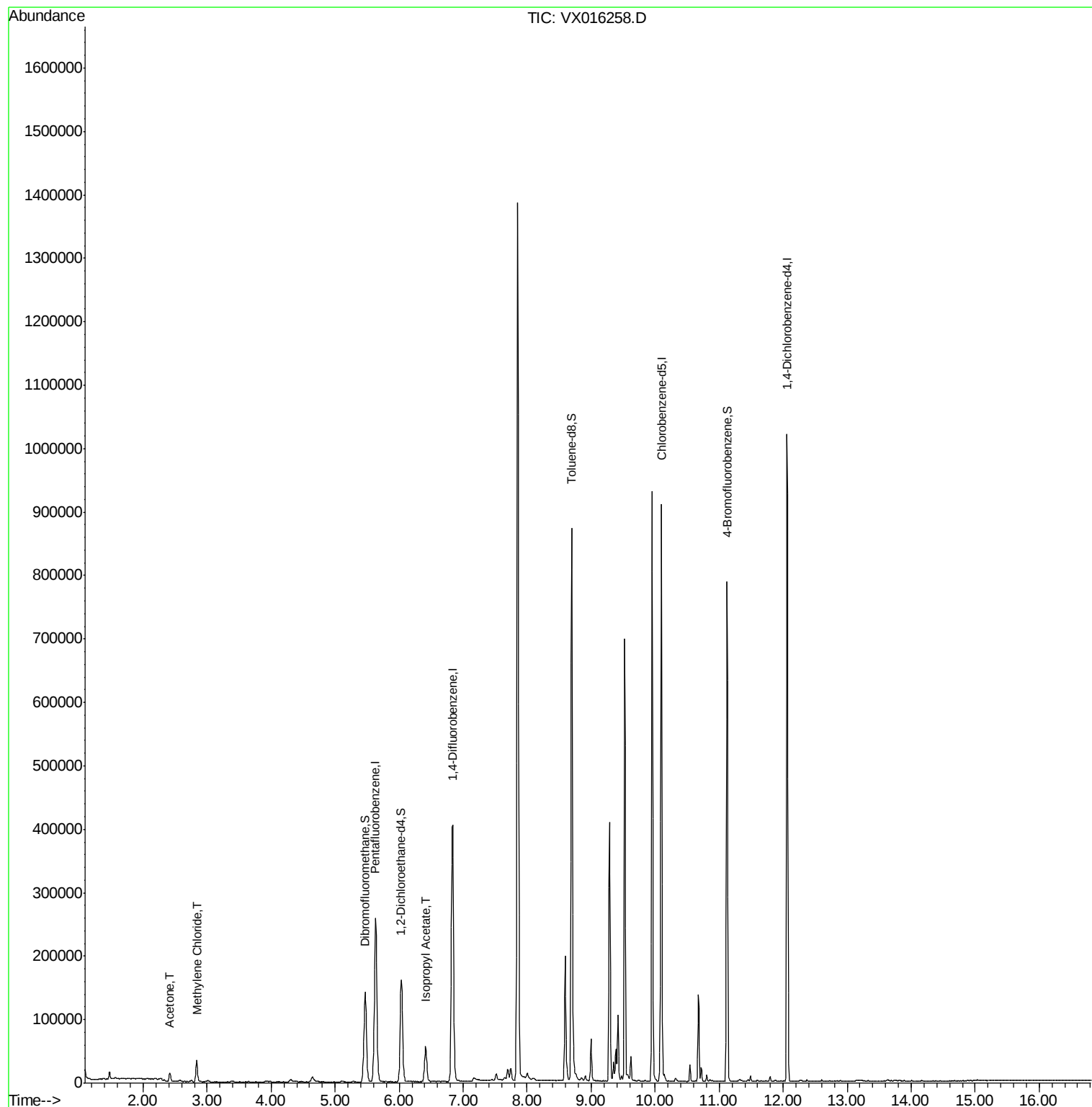
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	250385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	422013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	153444	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
35) Dibromofluoromethane	5.47	113	122735	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
50) Toluene-d8	8.70	98	523590	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.12	95	208869	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
Target Compounds						
16) Acetone	2.42	43	14205	9.663	ug/l	93
20) Methylene Chloride	2.84	84	16331	5.389	ug/l	96
43) Isopropyl Acetate	6.42	43	74003	9.633	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# 745

Delta R.T. -0.01 min

Lab File: VX016258.D

Acq: 15 May 2020 02:35

Instrument :

MSVOA_X

ClientSampleId :

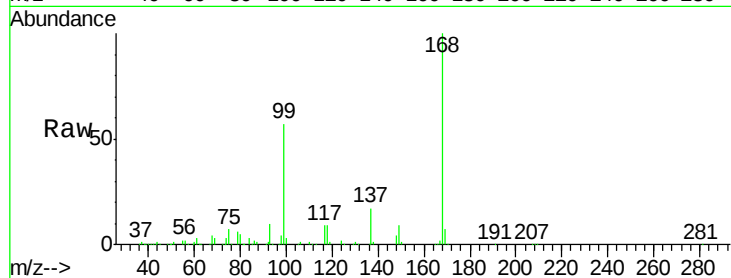
PB128866ZHE#06

Tot Ion:168 Resp: 250385

Ion Ratio Lower Upper

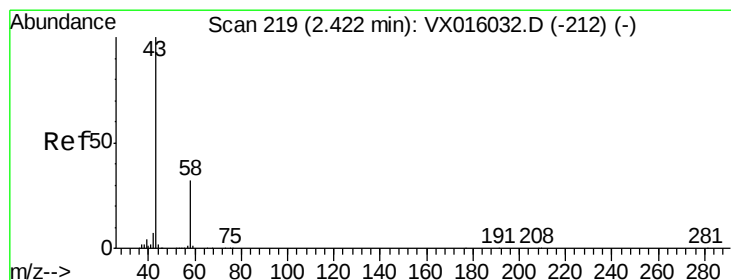
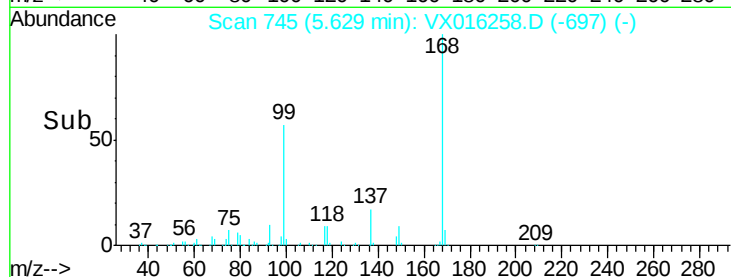
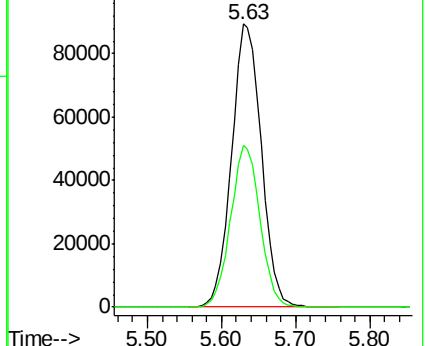
168 100

99 57.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 9.663 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016258.D

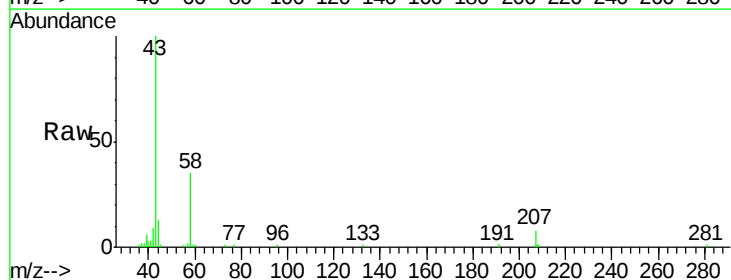
Acq: 15 May 2020 02:35

Tgt Ion: 43 Resp: 14205

Ion Ratio Lower Upper

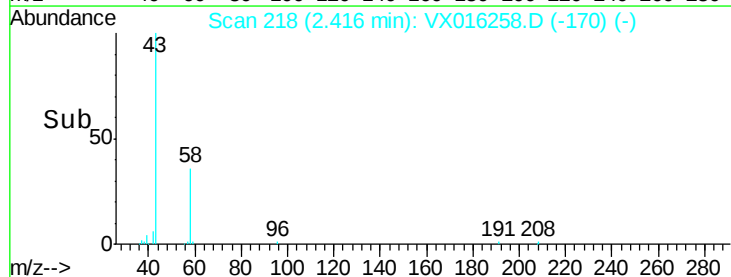
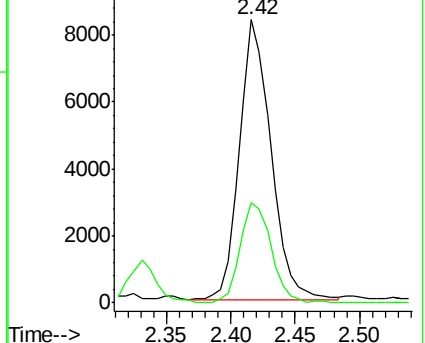
43 100

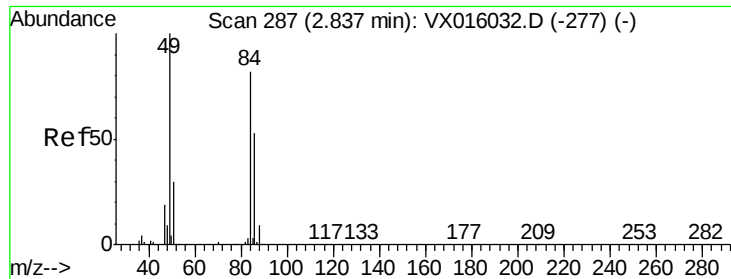
58 35.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

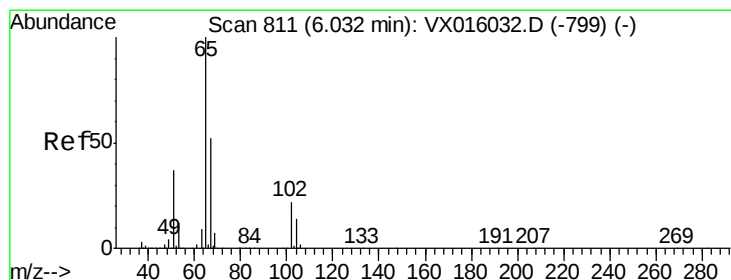
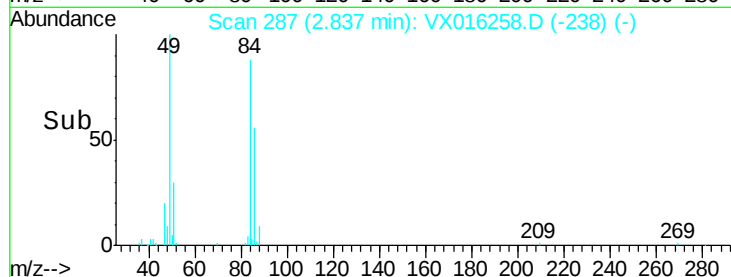
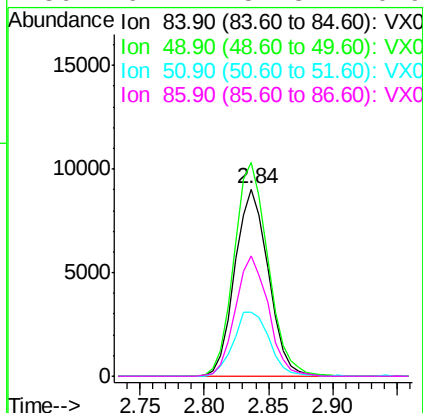
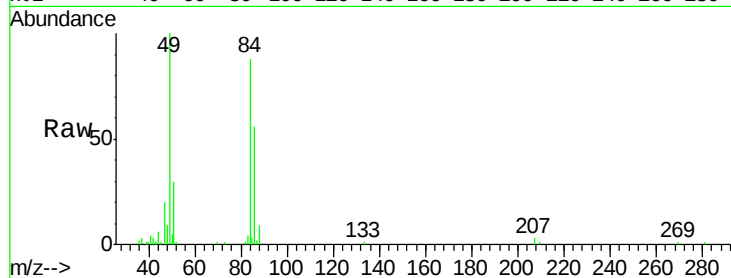




#20
Methvlene Chloride
Concen: 5.389 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016258.D
Acq: 15 May 2020 02:35

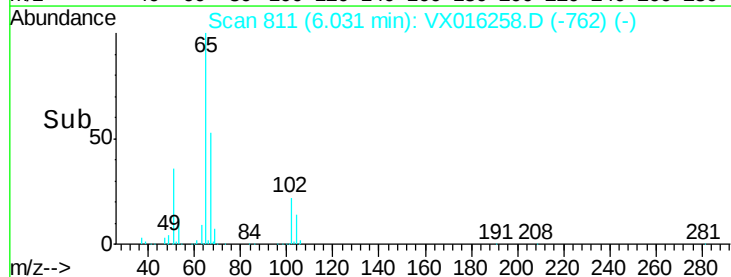
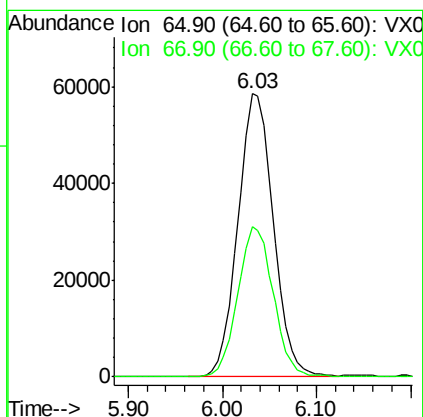
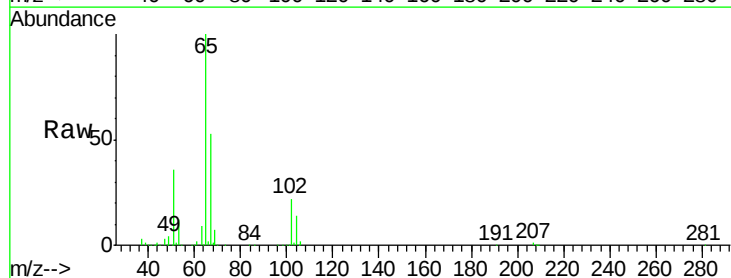
Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#06

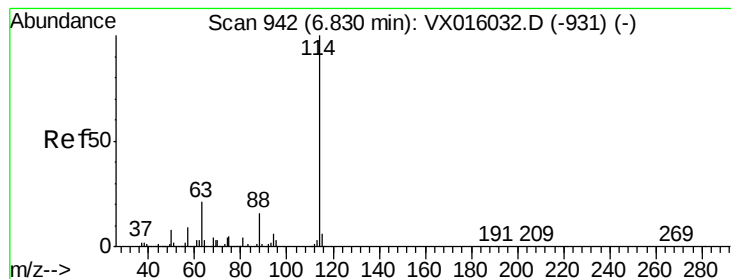
Tot Ion:	84	Resp:	16331
Ion	Ratio	Lower	Upper
84	100		
49	114.1	97.3	145.9
51	34.5	29.3	43.9
86	64.4	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 46.571 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016258.D
Acq: 15 May 2020 02:35

Tgt Ion:	65	Resp:	153444
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: VX016258.D

Acq: 15 May 2020 02:35

Instrument :

MSVOA_X

ClientSampleId :

PB128866ZHE#06

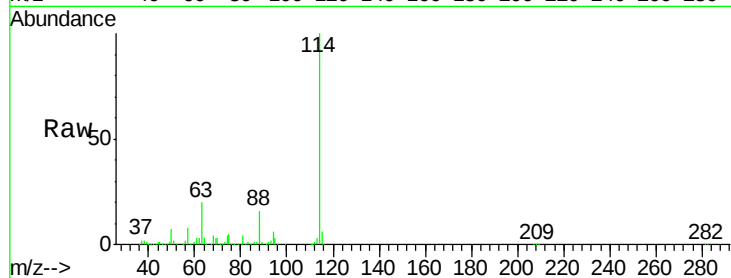
Tot Ion:114 Resp: 422013

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

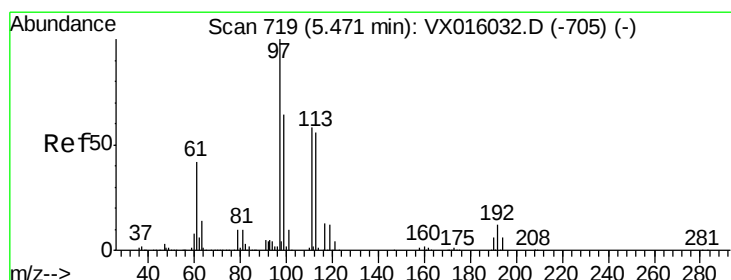
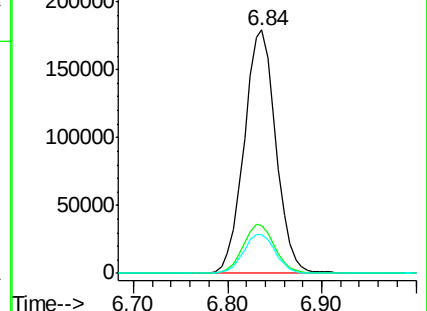
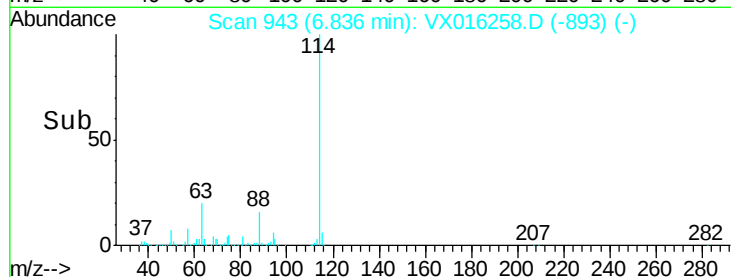
88 15.9 0.0 31.4



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: 45.906 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016258.D

Acq: 15 May 2020 02:35

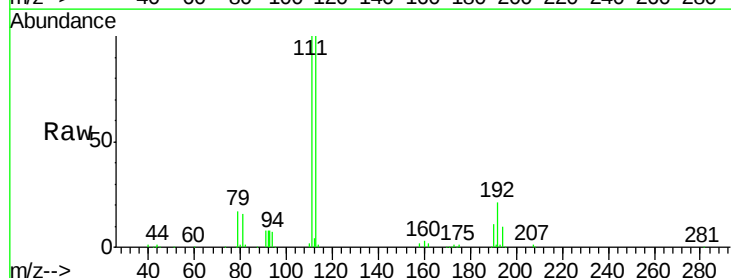
Tgt Ion:113 Resp: 122735

Ion Ratio Lower Upper

113 100

111 103.7 81.6 122.4

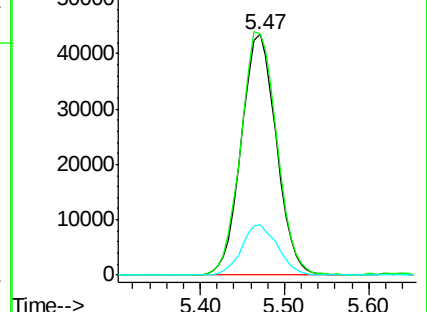
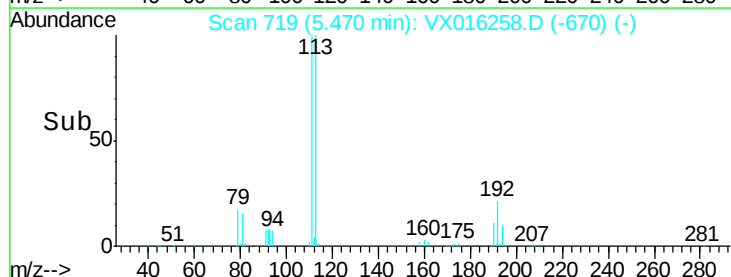
192 21.6 17.0 25.4

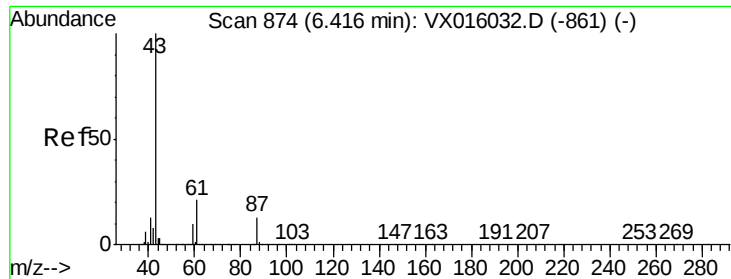


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



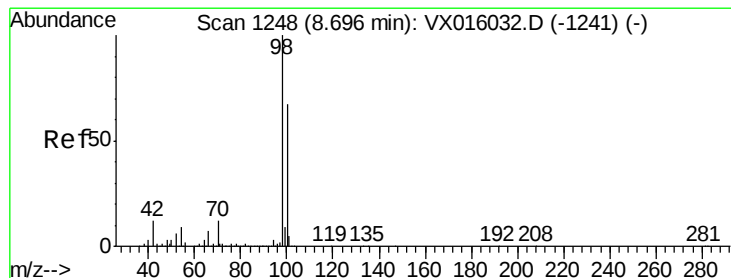
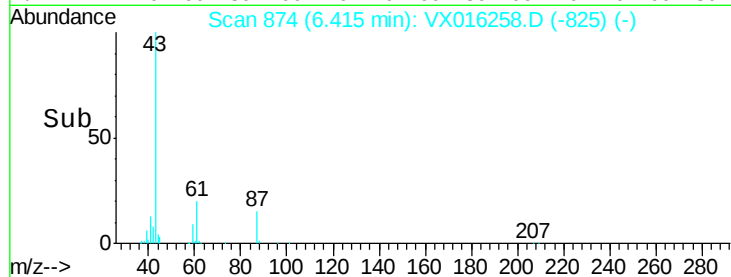
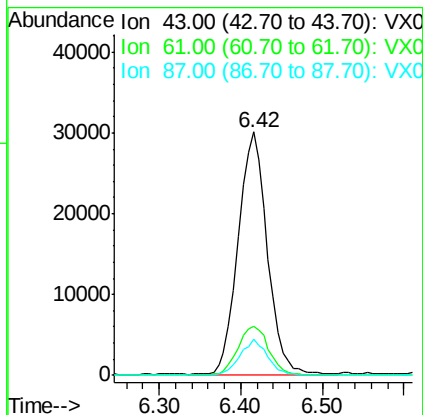
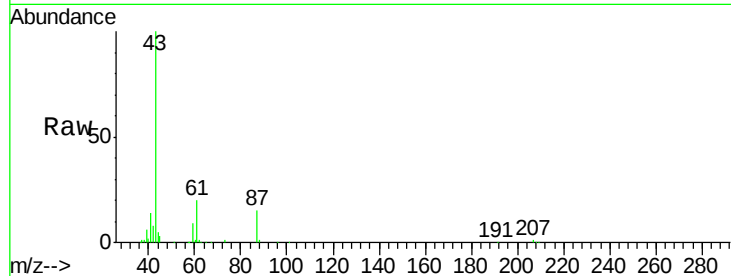


#43

Isopropyl Acetate
 Concen: 9.633 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016258.D
 Acq: 15 May 2020 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128866ZHE#06

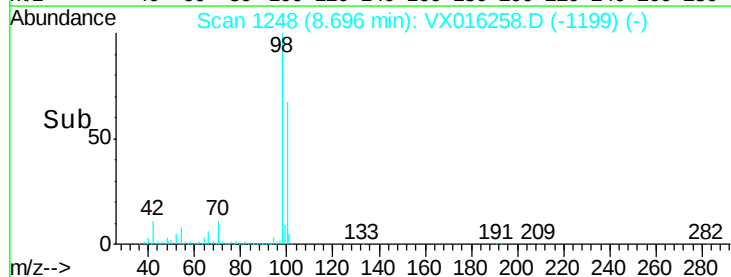
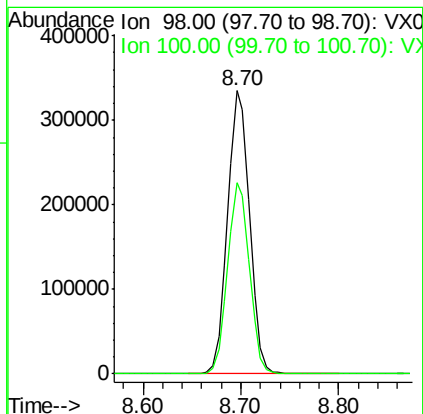
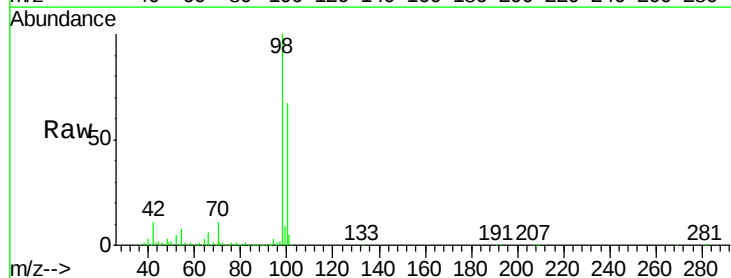
Tot Ion: 43 Resp: 74003
 Ion Ratio Lower Upper
 43 100
 61 21.6 17.0 25.4
 87 14.0 11.0 16.6

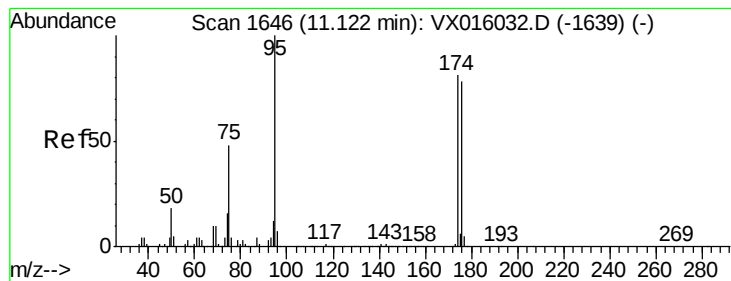


#50

Toluene-d8
 Concen: 50.826 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016258.D
 Acq: 15 May 2020 02:35

Tgt Ion: 98 Resp: 523590
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.7 80.5





#62

4-Bromofluorobenzene

Concen: 53.306 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016258.D

Acq: 15 May 2020 02:35

Instrument :

MSVOA_X

ClientSampleId :

PB128866ZHE#06

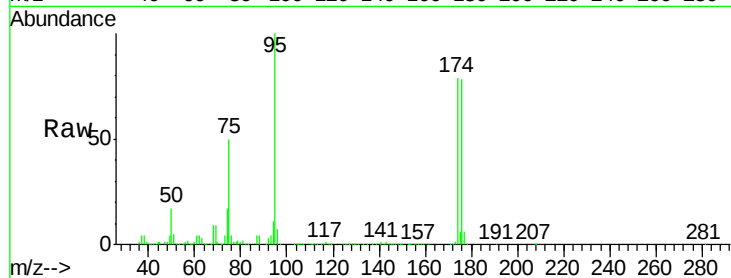
Tot Ion: 95 Resp: 208869

Ion Ratio Lower Upper

95 100

174 81.0 0.0 159.4

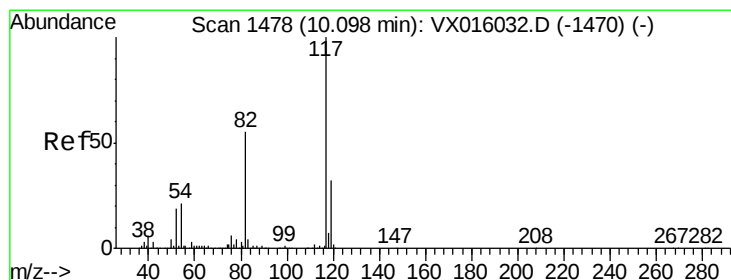
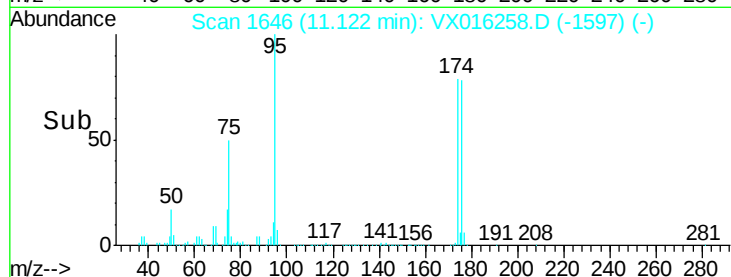
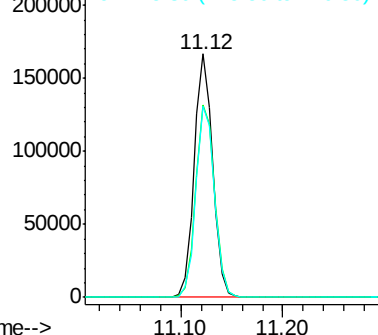
176 79.3 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX

Ion 173.80 (173.50 to 174.50): VX

Ion 175.80 (175.50 to 176.50): VX



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016258.D

Acq: 15 May 2020 02:35

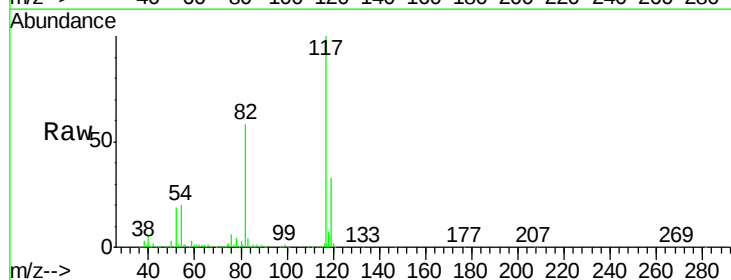
Tgt Ion: 117 Resp: 415684

Ion Ratio Lower Upper

117 100

82 57.8 44.4 66.6

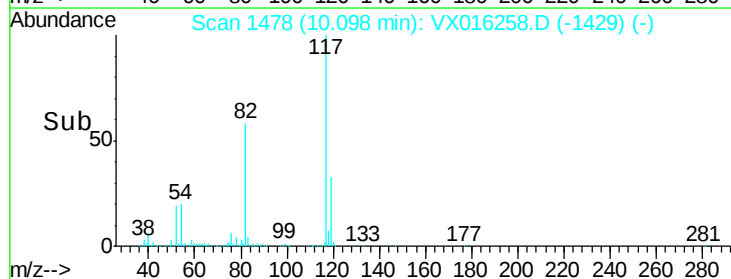
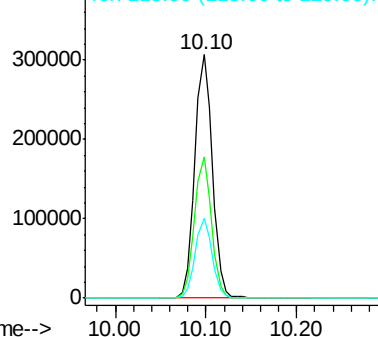
119 32.9 25.5 38.3

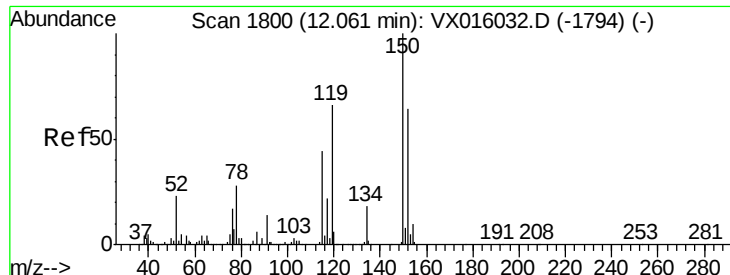


Abundance Ion 116.90 (116.60 to 117.60): VX

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): VX





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016258.D

Acq: 15 May 2020 02:35

Instrument :

MSVOA_X

ClientSampleId :

PB128866ZHE#06

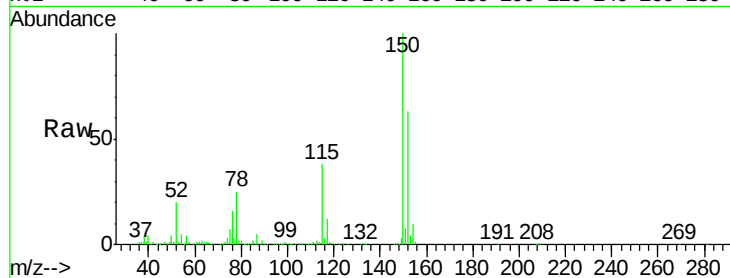
Tot Ion:152 Resp: 213998

Ion Ratio Lower Upper

152 100

115 58.7 41.3 124.1

150 156.7 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

