

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017286.D
 Acq On : 09 Jul 2020 03:12
 Operator : JC/SP
 Sample : PB130015ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130015ZHE#01

Quant Time: Jul 09 05:55:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

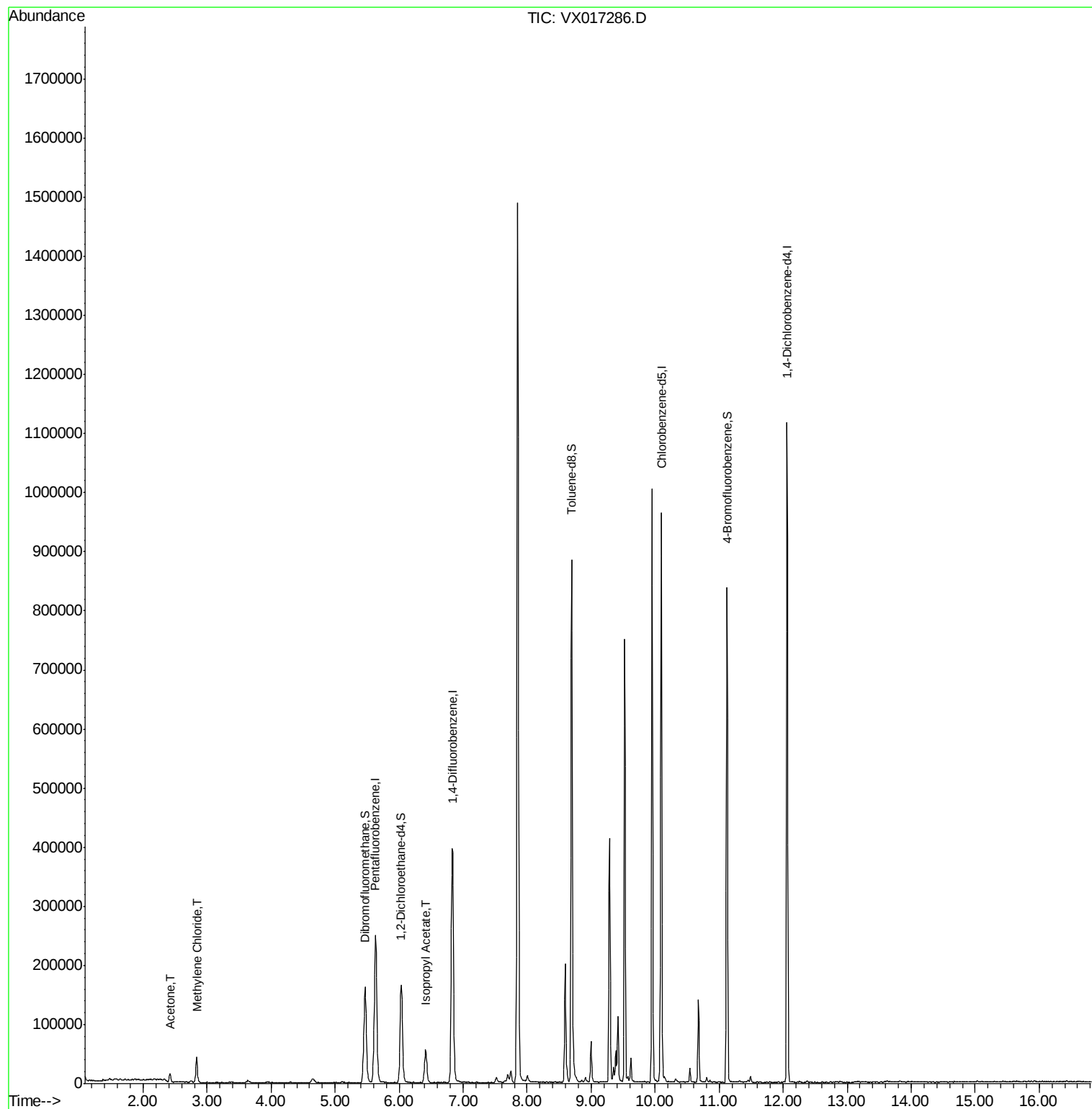
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	243337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	409769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	443977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163773	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
35) Dibromofluoromethane	5.47	113	137480	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
50) Toluene-d8	8.70	98	514705	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
62) 4-Bromofluorobenzene	11.12	95	215446	57.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.00%	
Target Compounds						
16) Acetone	2.42	43	14458	12.883	ug/l	97
20) Methylene Chloride	2.84	84	19283	6.816	ug/l	97
43) Isopropyl Acetate	6.42	43	75252	11.525	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: VX017286.D

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Instrument :

MSVOA_X

ClientSampleId :

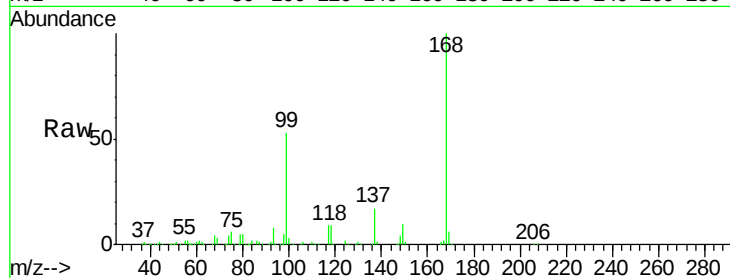
PB130015ZHE#01

Tot Ion:168 Resp: 243337

Ion Ratio Lower Upper

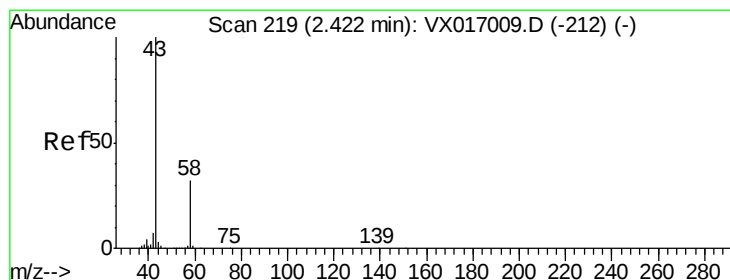
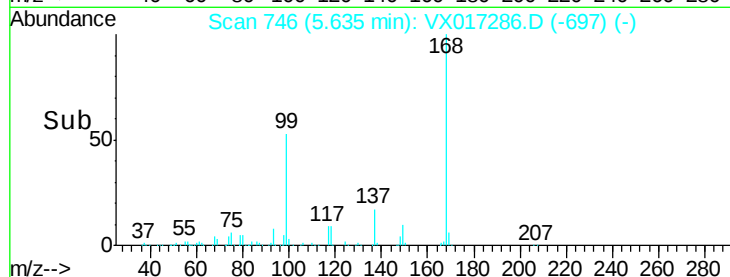
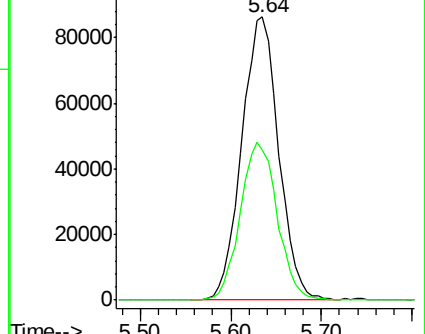
168 100

99 52.8 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 12.883 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017286.D

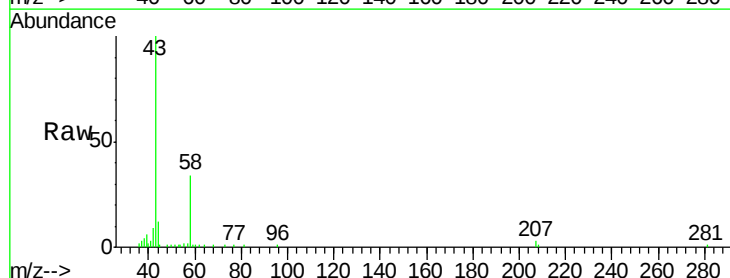
Acq: 09 Jul 2020 03:12

Tgt Ion: 43 Resp: 14458

Ion Ratio Lower Upper

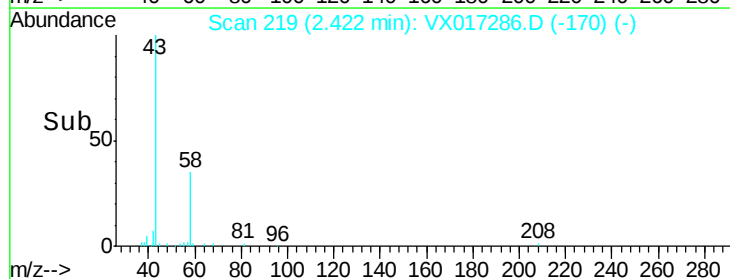
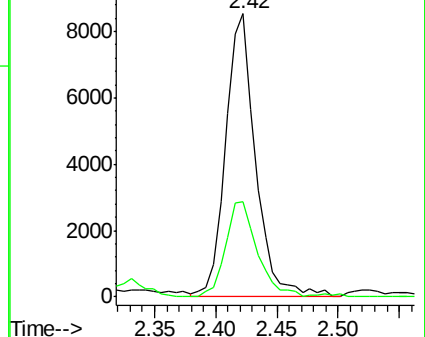
43 100

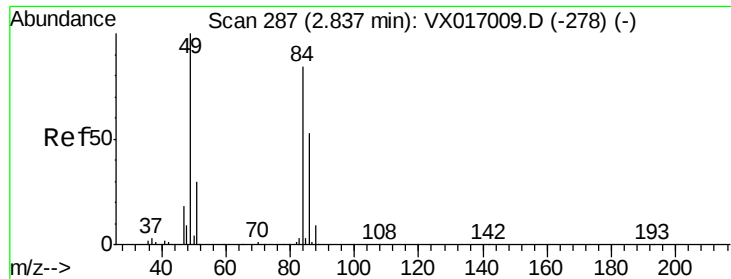
58 33.8 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

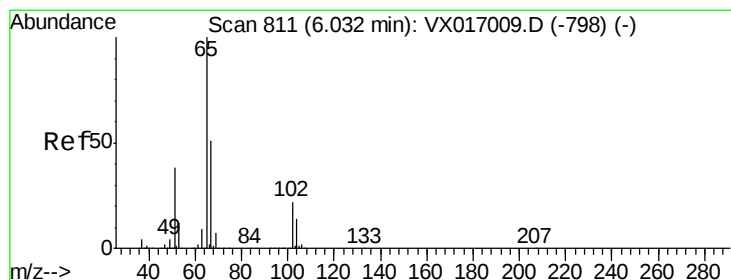
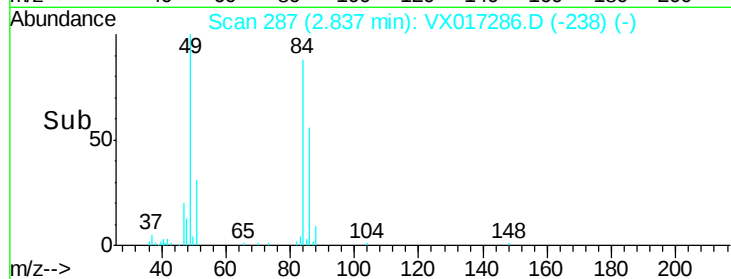
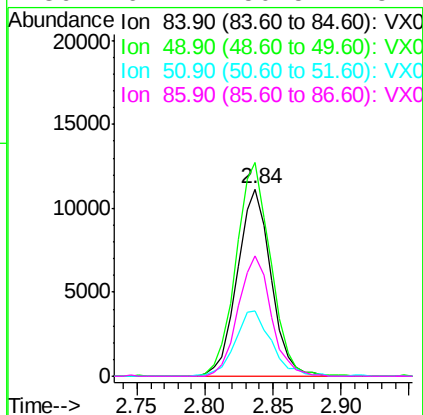
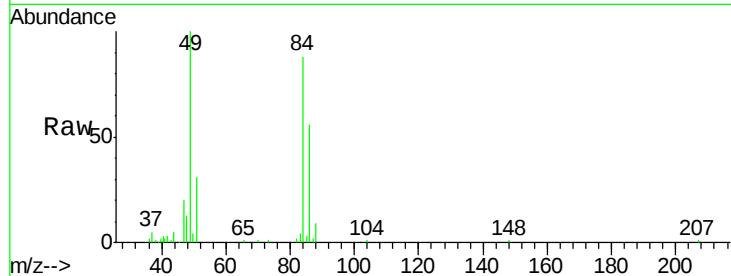




#20
Methylene Chloride
Concen: 6.816 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

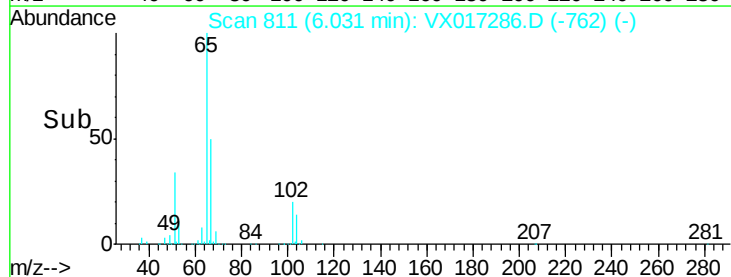
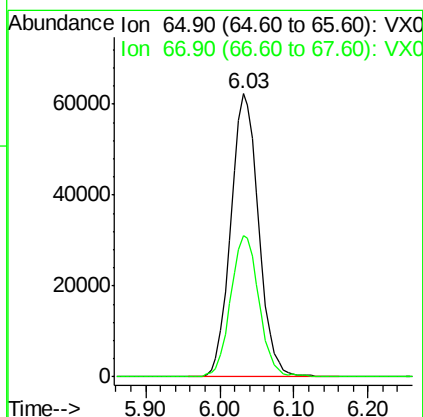
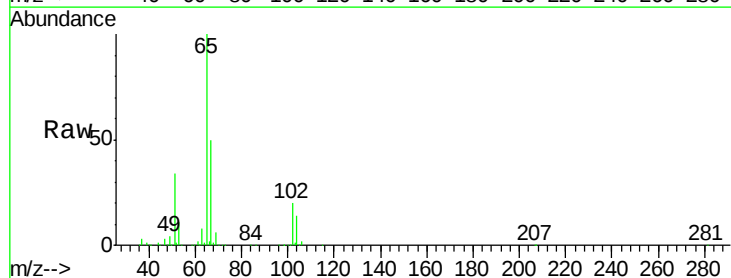
Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

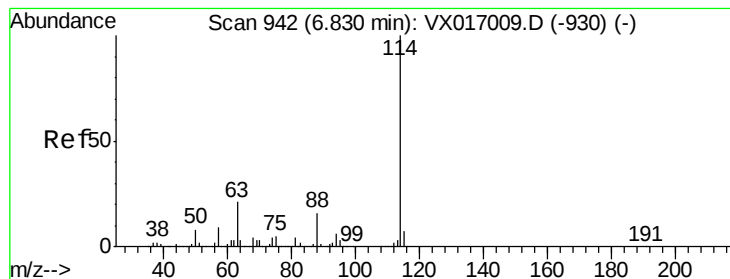
Tot Ion: 84 Resp: 19283
Ion Ratio Lower Upper
84 100
49 114.1 94.7 142.1
51 35.1 28.6 42.8
86 64.4 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 54.594 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 65 Resp: 163773
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017286.D

Acq: 09 Jul 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

PB130015ZHE#01

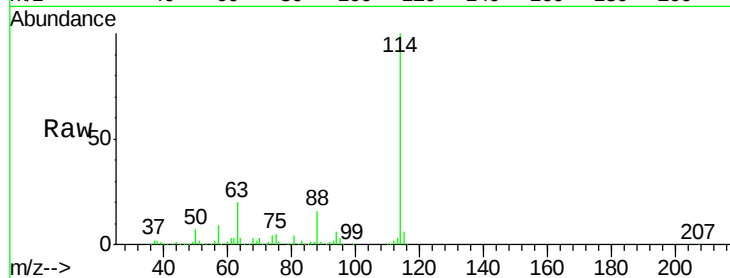
Tot Ion:114 Resp: 409769

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

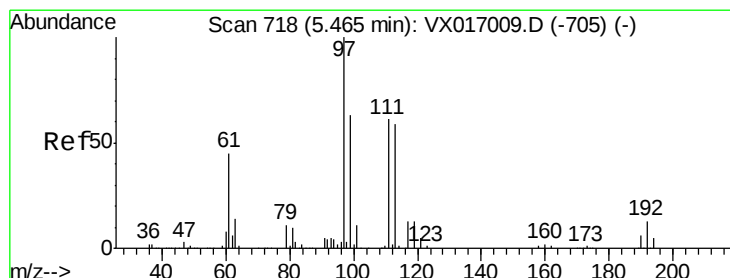
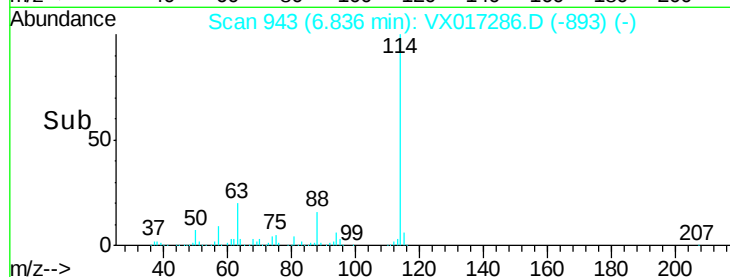
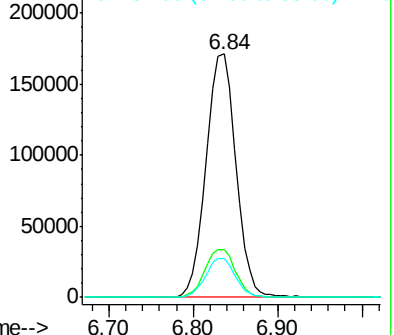
88 15.9 0.0 32.4



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: 53.039 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017286.D

Acq: 09 Jul 2020 03:12

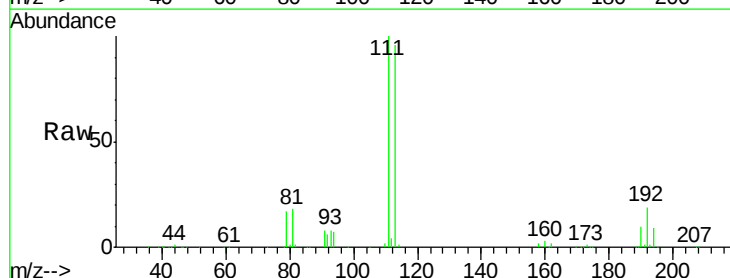
Tgt Ion:113 Resp: 137480

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

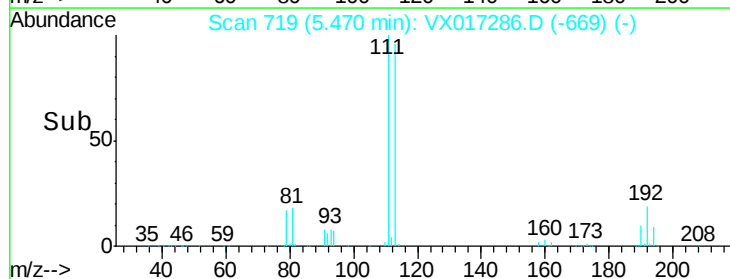
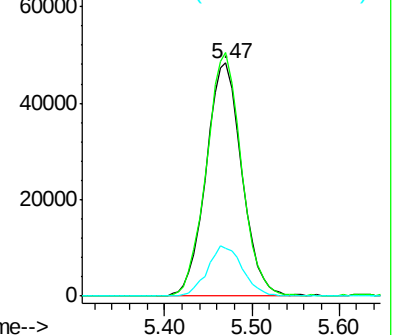
192 21.0 16.7 25.1

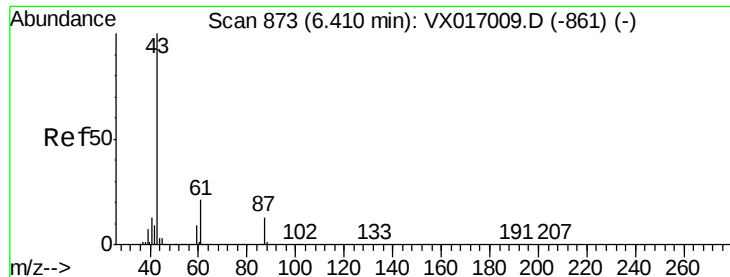


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



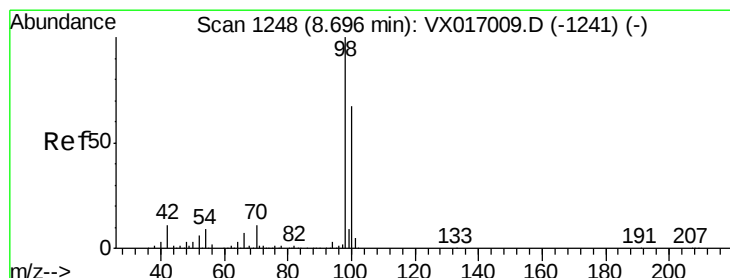
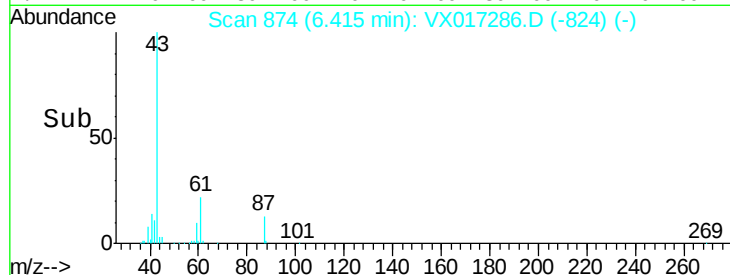
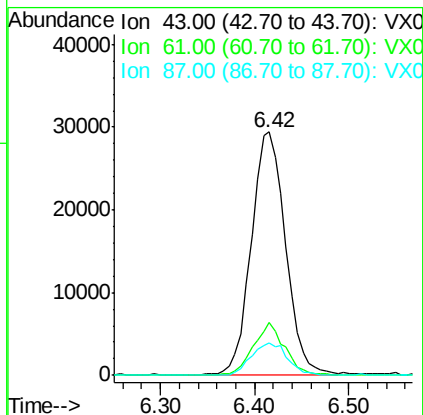
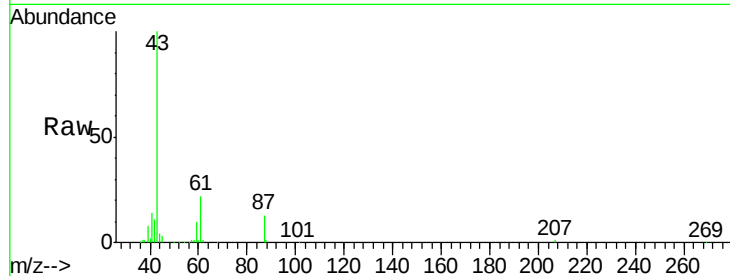


#43

Isopropyl Acetate
 Concen: 11.525 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017286.D
 Acq: 09 Jul 2020 03:12

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130015ZHE#01

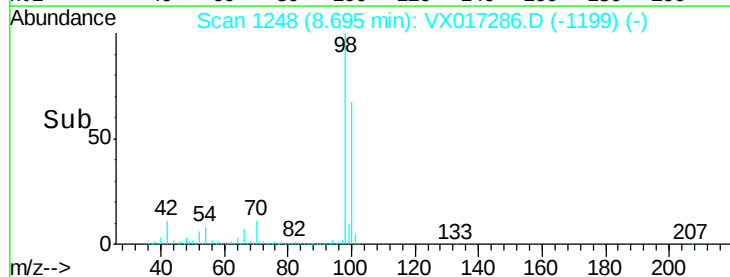
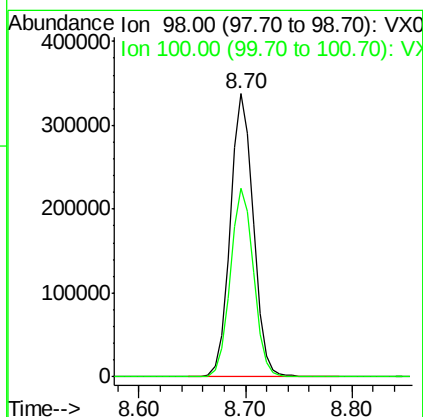
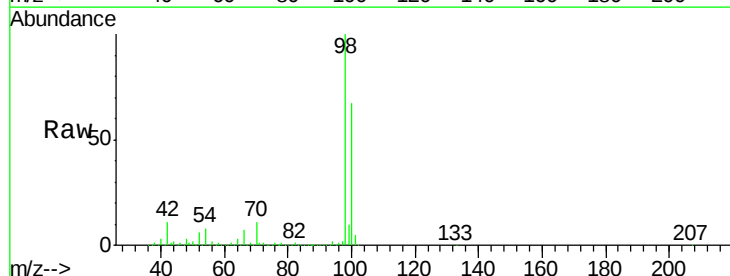
Tot Ion	43	Resp	75252
Ion Ratio	Lower	Upper	
43	100		
61	19.9	16.2	24.2
87	13.9	10.7	16.1

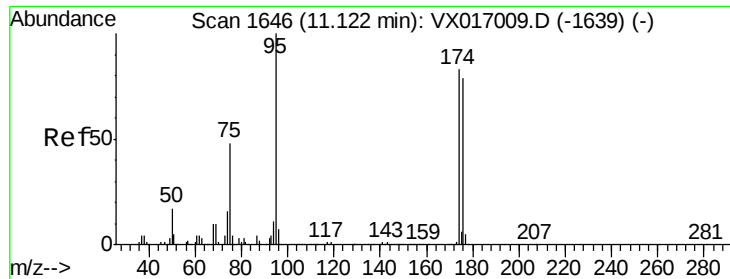


#50

Toluene-d8
 Concen: 53.699 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017286.D
 Acq: 09 Jul 2020 03:12

Tgt Ion	98	Resp	514705
Ion Ratio	Lower	Upper	
98	100		
100	67.1	53.8	80.6





#62

4-Bromofluorobenzene

Concen: 57.500 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017286.D

Acq: 09 Jul 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

PB130015ZHE#01

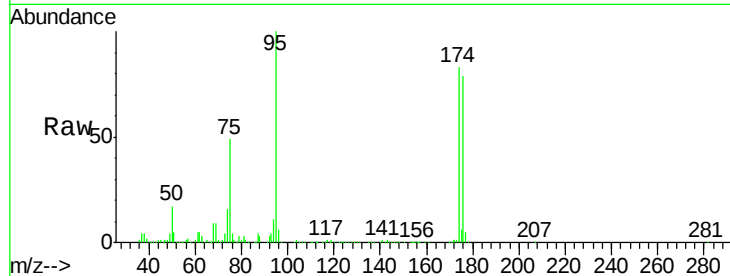
Tot Ion: 95 Resp: 215446

Ion Ratio Lower Upper

95 100

174 84.1 0.0 164.0

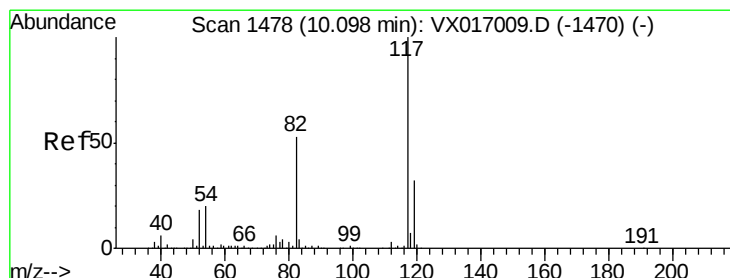
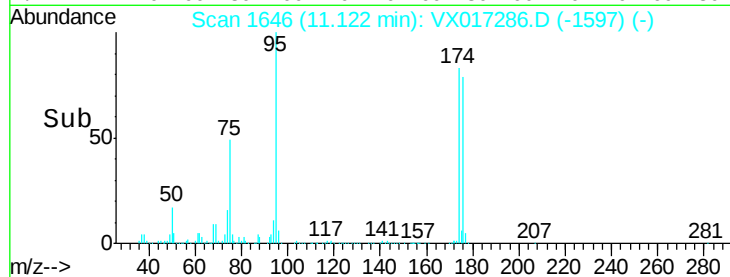
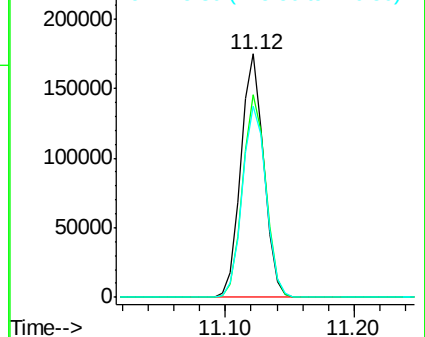
176 81.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017286.D

Acq: 09 Jul 2020 03:12

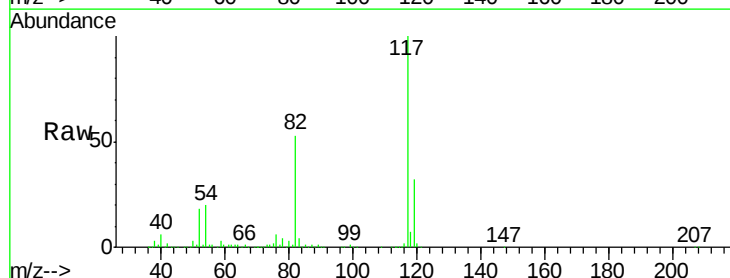
Tgt Ion: 117 Resp: 443977

Ion Ratio Lower Upper

117 100

82 52.9 42.6 63.8

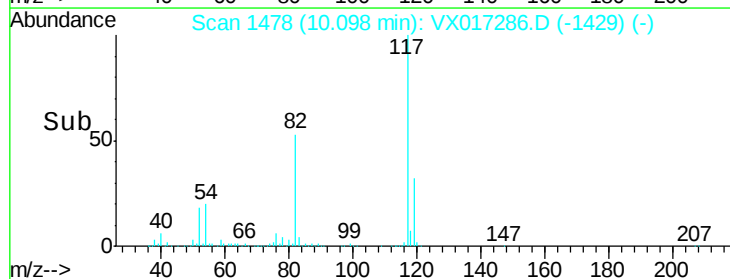
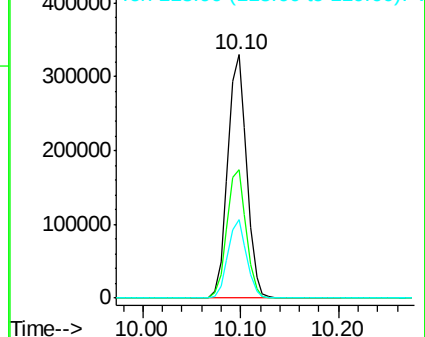
119 32.3 25.4 38.2

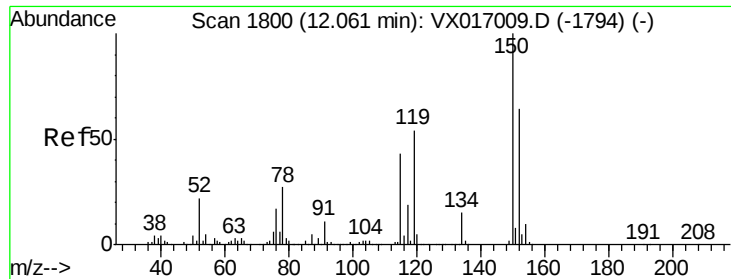


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017286.D

Acq: 09 Jul 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

PB130015ZHE#01

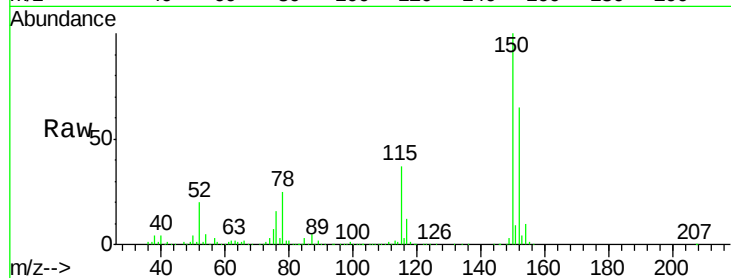
Tot Ion:152 Resp: 229540

Ion Ratio Lower Upper

152 100

115 56.6 40.9 122.7

150 155.1 0.0 351.6



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

