

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017077.D
 Acq On : 01 Jul 2020 04:32
 Operator : JC/SP
 Sample : PB129852ZHE#13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129852ZHE#13

Quant Time: Jul 01 09:02:31 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

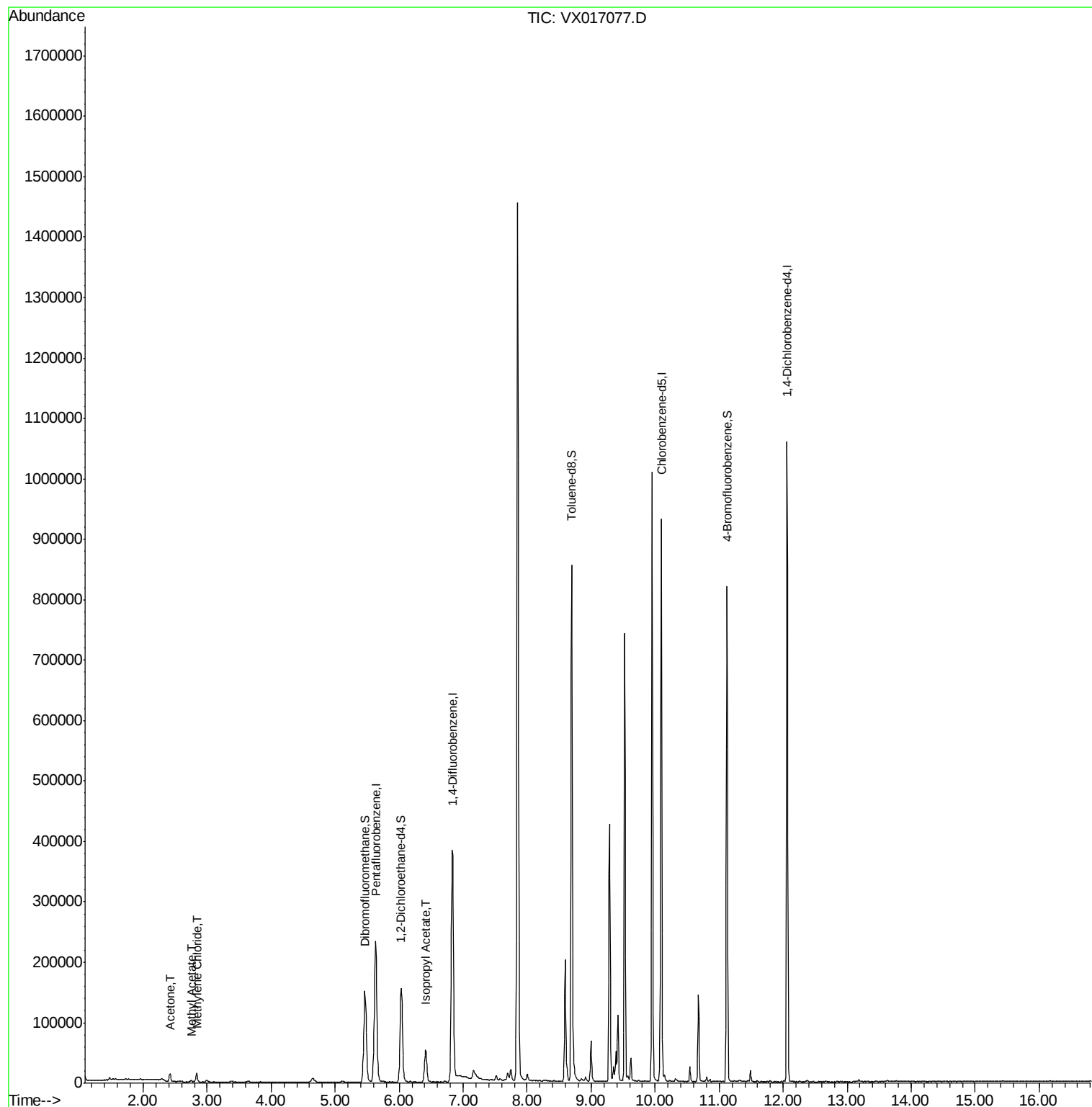
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	223386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	391532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	150722	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.46%	
35) Dibromofluoromethane	5.46	113	130210	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
50) Toluene-d8	8.70	98	492637	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	11.12	95	207241	57.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.78%	
Target Compounds						
16) Acetone	2.42	43	14444	14.020	ug/l	99
18) Methyl Acetate	2.75	43	3372	1.254	ug/l #	89
20) Methylene Chloride	2.84	84	5973	1.773	ug/l	92
43) Isopropyl Acetate	6.42	43	72857	11.678	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: VX017077.D

Acq: 01 Jul 2020 04:32

Instrument :

MSVOA_X

ClientSampleId :

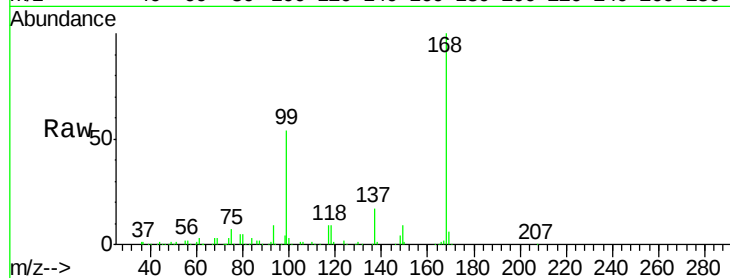
PB129852ZHE#13

Tot Ion:168 Resp: 223386

Ion Ratio Lower Upper

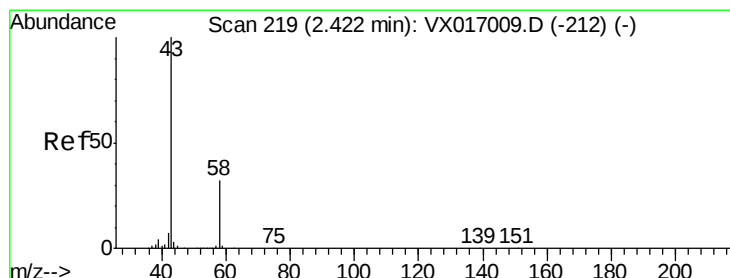
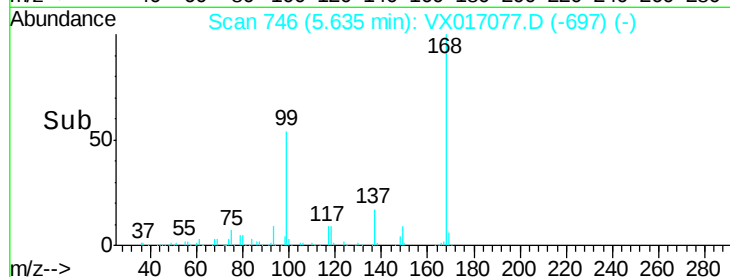
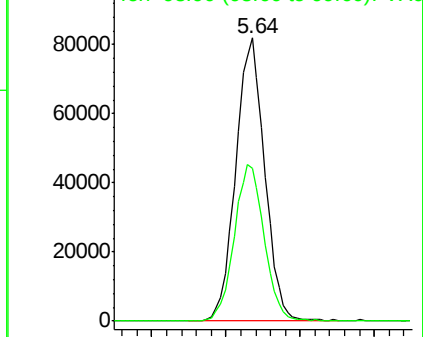
168 100

99 54.1 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: 14.020 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017077.D

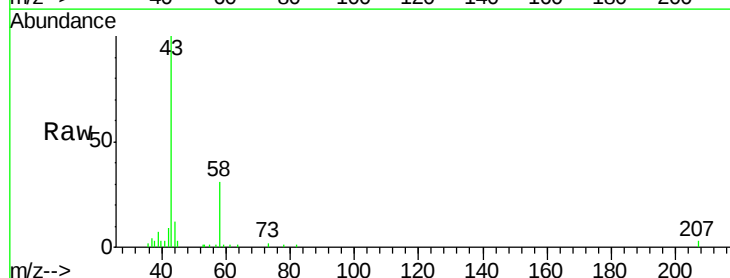
Acq: 01 Jul 2020 04:32

Tgt Ion: 43 Resp: 14444

Ion Ratio Lower Upper

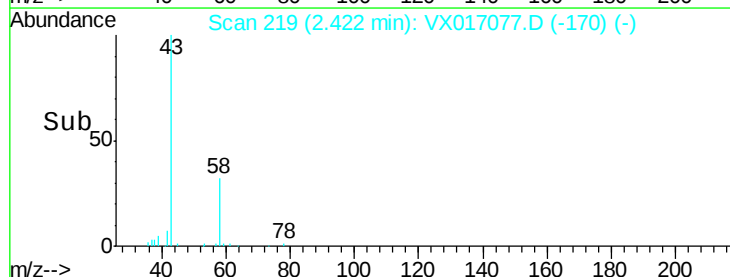
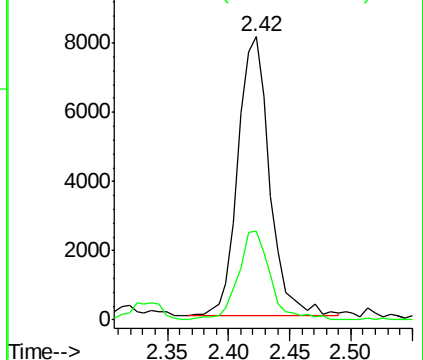
43 100

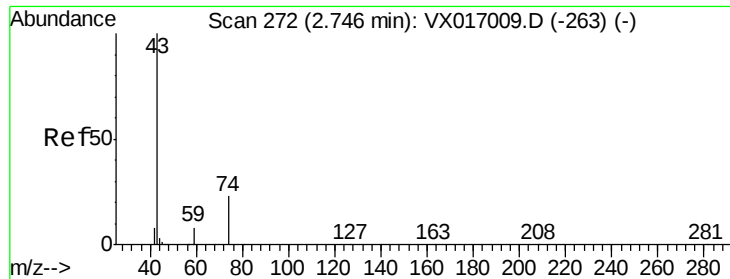
58 31.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

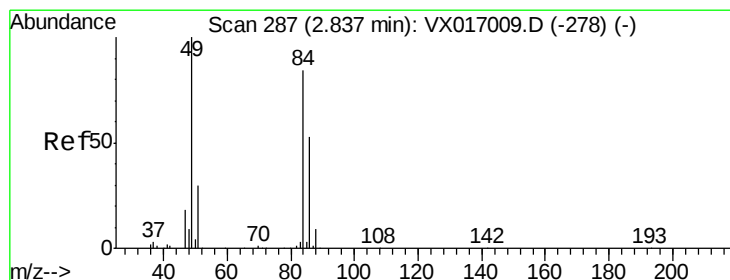
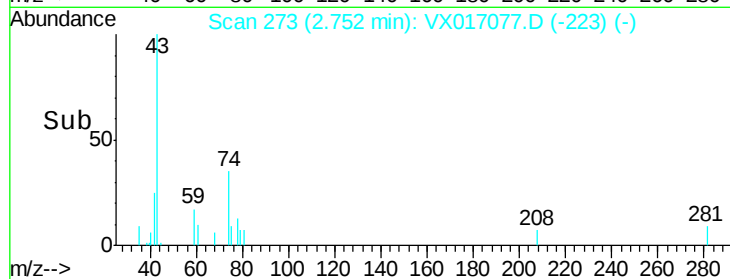
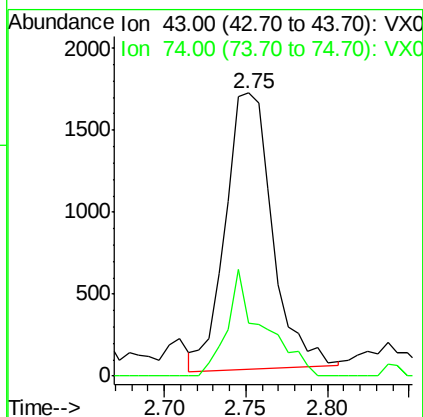
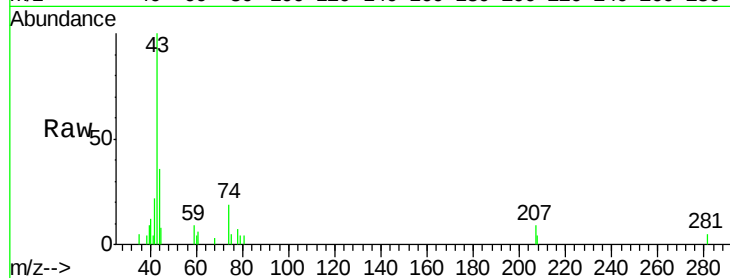




#18
Methyl Acetate
Concen: 1.254 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017077.D
Acq: 01 Jul 2020 04:32

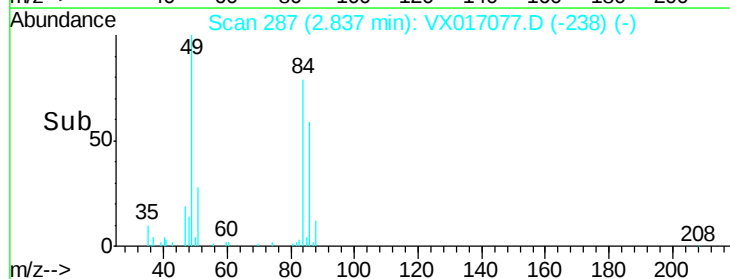
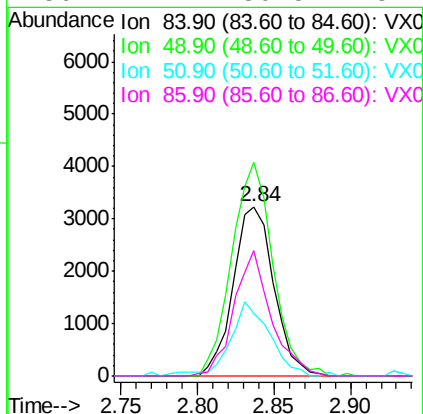
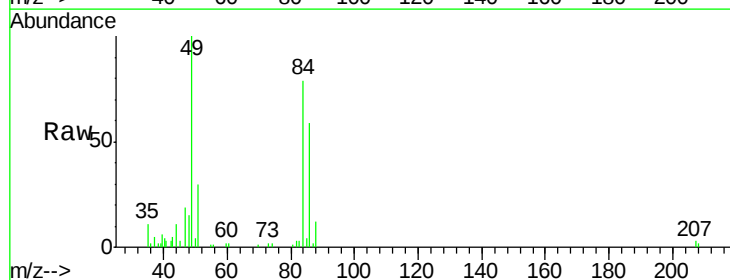
Instrument :
MSVOA_X
ClientSampleId :
PB129852ZHE#13

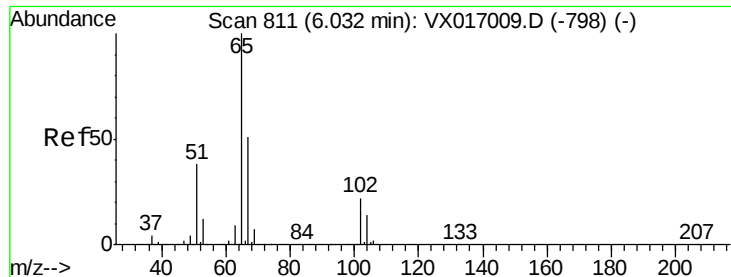
Tot Ion: 43 Resp: 3372
Ion Ratio Lower Upper
43 100
74 29.7 19.3 28.9#



#20
Methylene Chloride
Concen: 1.773 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017077.D
Acq: 01 Jul 2020 04:32

Tgt Ion: 84 Resp: 5973
Ion Ratio Lower Upper
84 100
49 126.2 94.7 142.1
51 37.4 28.6 42.8
86 74.2 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 54.730 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017077.D

Acq: 01 Jul 2020 04:32

Instrument :

MSVOA_X

ClientSampleId :

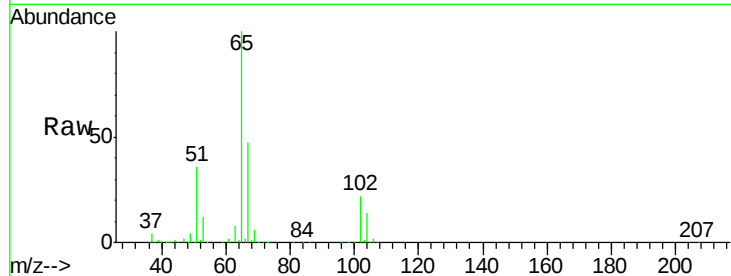
PB129852ZHE#13

Tot Ion: 65 Resp: 150722

Ion Ratio Lower Upper

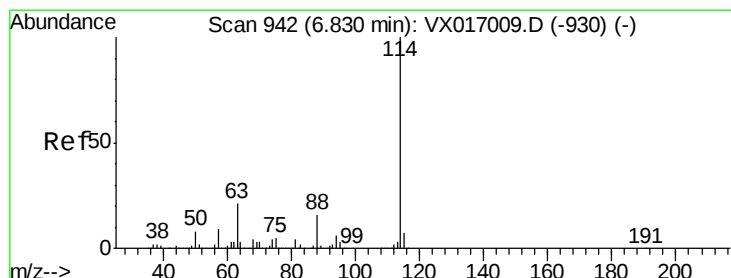
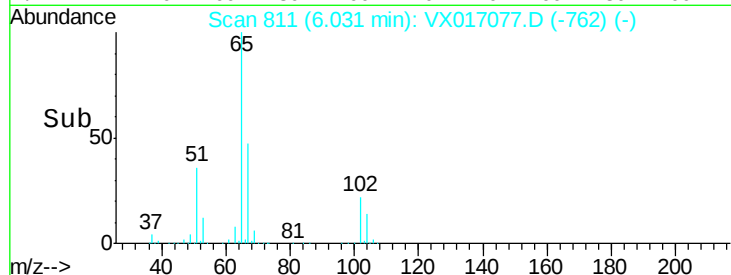
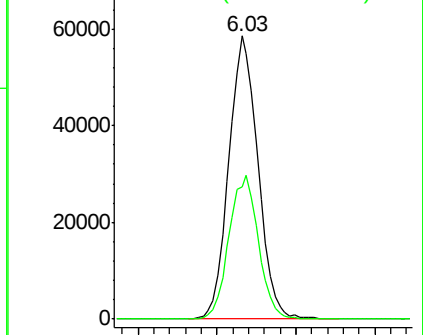
65 100

67 51.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017077.D

Acq: 01 Jul 2020 04:32

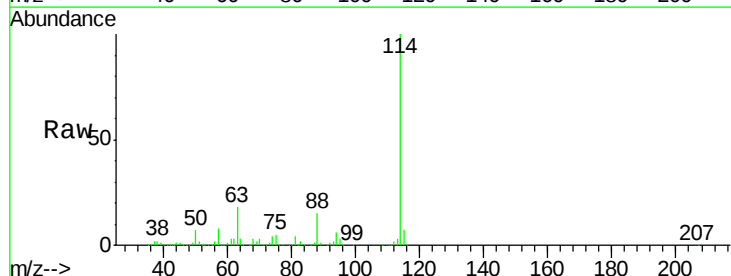
Tgt Ion: 114 Resp: 391532

Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.4

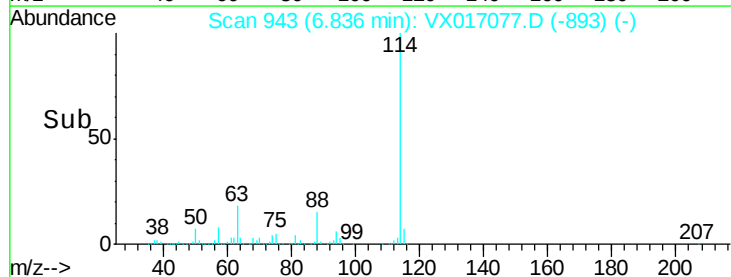
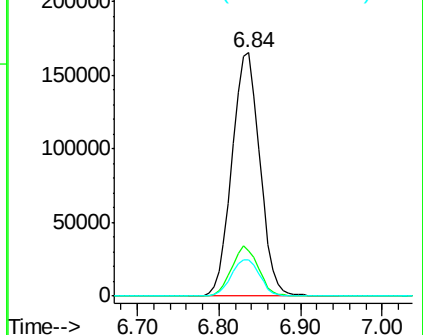
88 14.7 0.0 32.4

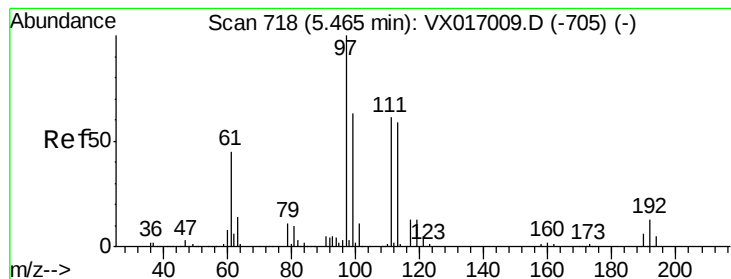


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.574 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017077.D

Acq: 01 Jul 2020 04:32

Instrument :

MSVOA_X

ClientSampleId :

PB129852ZHE#13

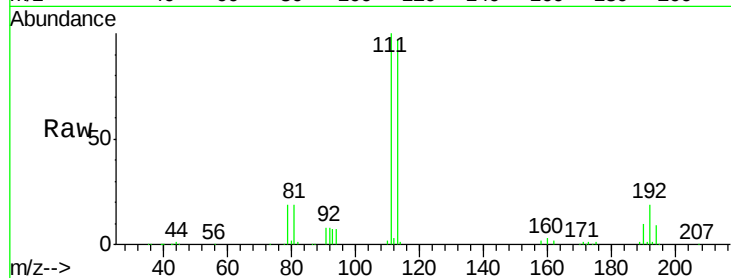
Tot Ion:113 Resp: 130210

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

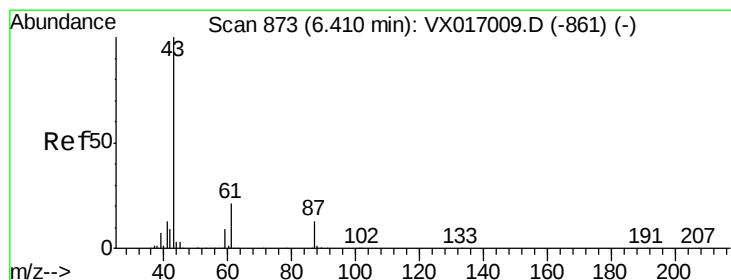
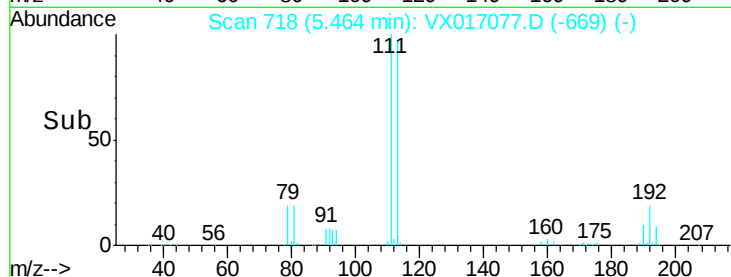
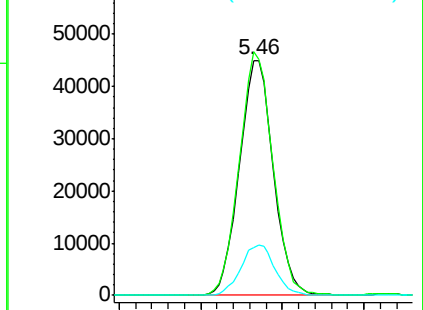
192 21.7 16.7 25.1



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: 11.678 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017077.D

Acq: 01 Jul 2020 04:32

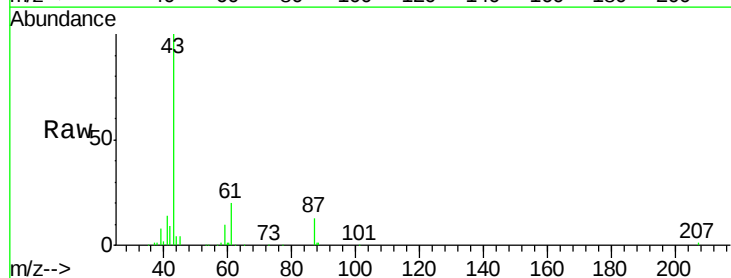
Tgt Ion: 43 Resp: 72857

Ion Ratio Lower Upper

43 100

61 19.6 16.2 24.2

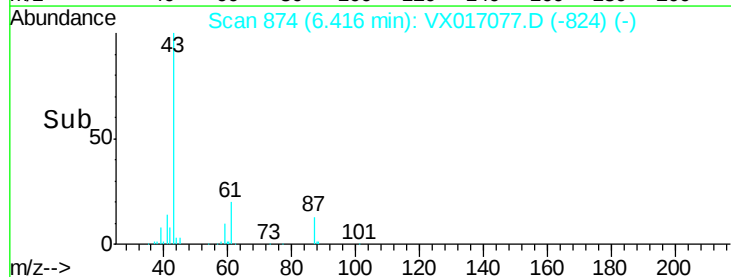
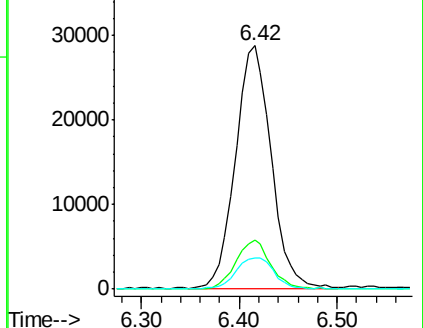
87 13.7 10.7 16.1

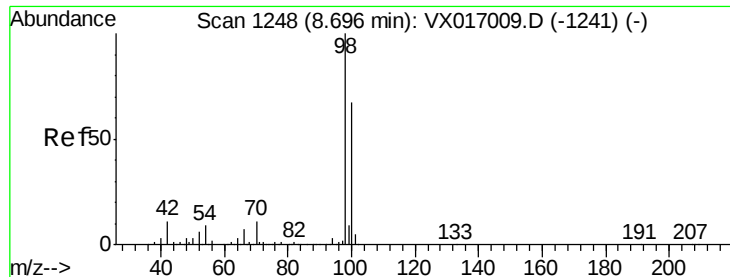


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 53.791 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017077.D

Acq: 01 Jul 2020 04:32

Instrument :

MSVOA_X

ClientSampleId :

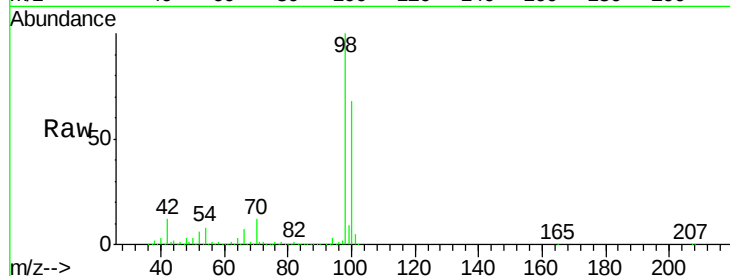
PB129852ZHE#13

Tot Ion: 98 Resp: 492637

Ion Ratio Lower Upper

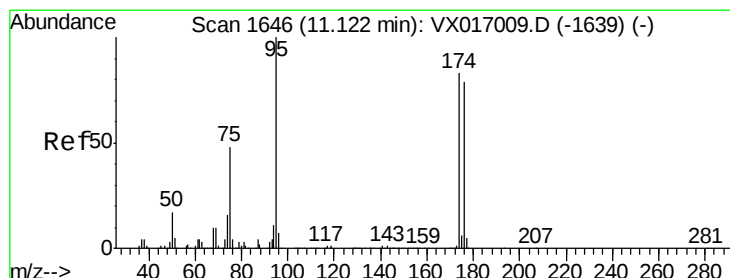
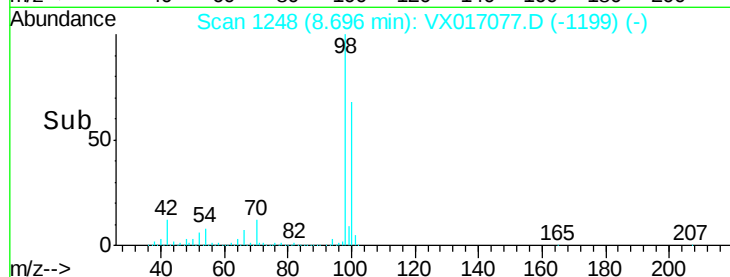
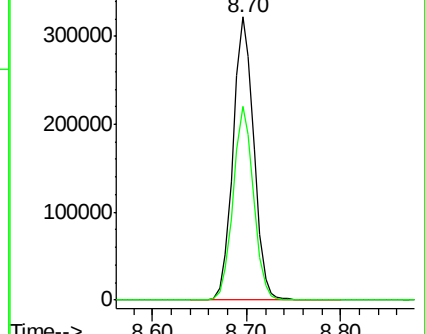
98 100

100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 57.887 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017077.D

Acq: 01 Jul 2020 04:32

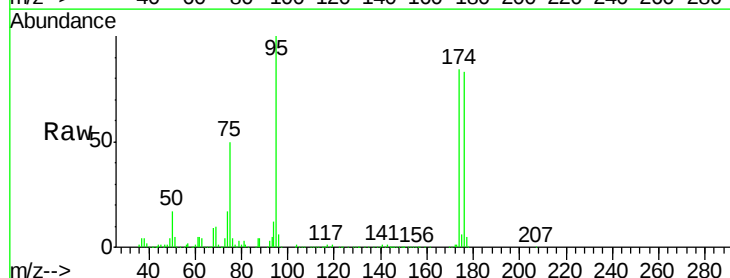
Tgt Ion: 95 Resp: 207241

Ion Ratio Lower Upper

95 100

174 83.0 0.0 164.0

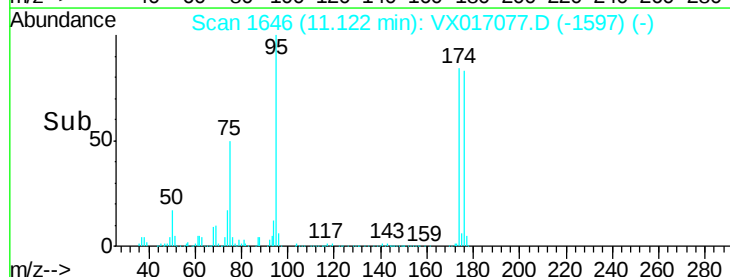
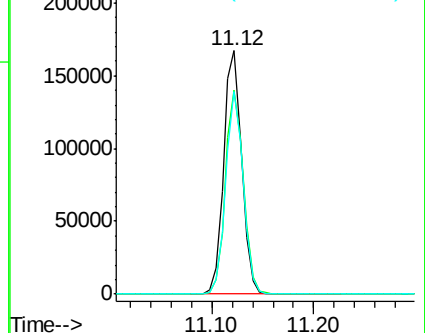
176 80.5 0.0 157.6

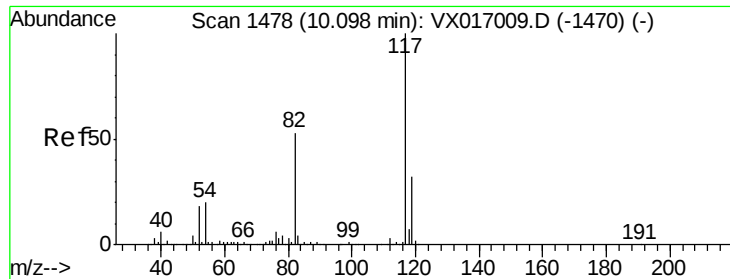


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

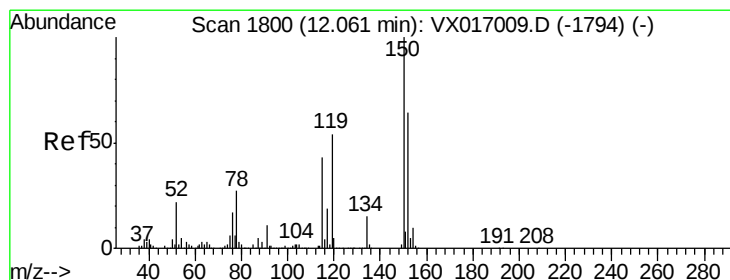
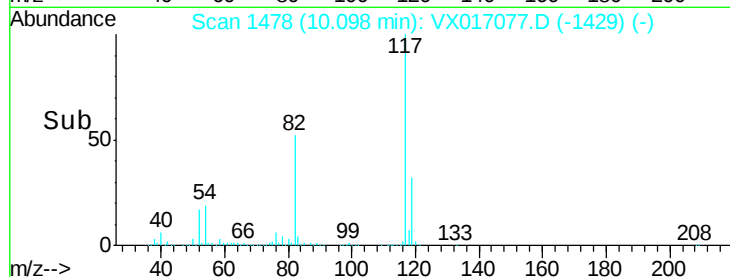
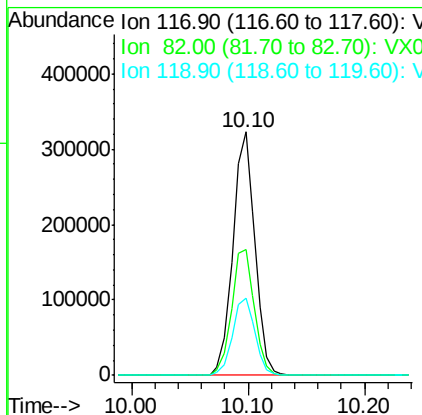
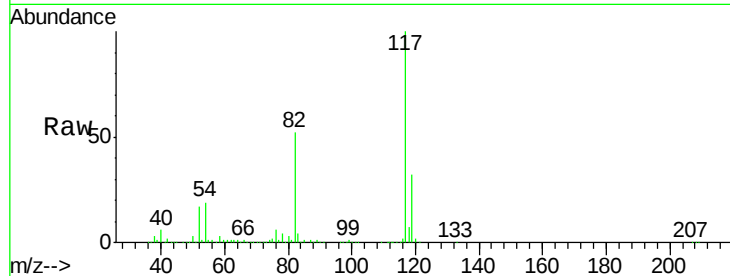




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017077.D
Acq: 01 Jul 2020 04:32

Instrument :
MSVOA_X
ClientSampleId :
PB129852ZHE#13

Tot Ion:117 Resp: 423272
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017077.D
Acq: 01 Jul 2020 04:32

Tgt Ion:152 Resp: 216124
Ion Ratio Lower Upper
152 100
115 57.8 40.9 122.7
150 156.3 0.0 351.6

