

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011182.D
 Acq On : 30 Jul 2019 06:37
 Operator : JC/SP
 Sample : PB121753ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121753ZHE#05

Quant Time: Jul 30 08:29:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

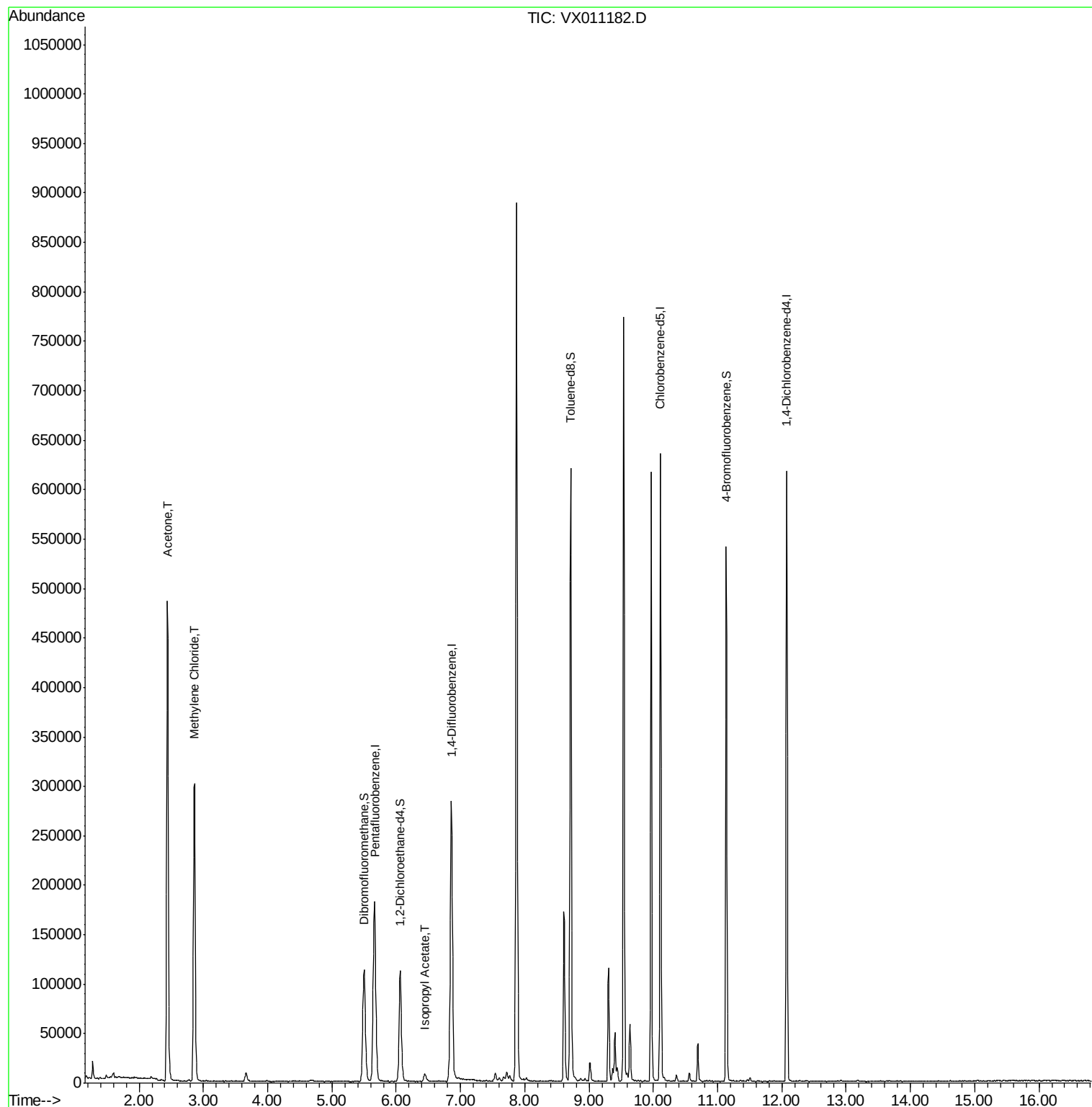
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102808	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
35) Dibromofluoromethane	5.50	113	94900	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	8.71	98	372919	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.13	95	131425	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
Target Compounds						
16) Acetone	2.44	43	505953	571.509	ug/l	97
20) Methylene Chloride	2.86	84	151347	80.670	ug/l	98
43) Isopropyl Acetate	6.44	43	10971	2.665	ug/l	98

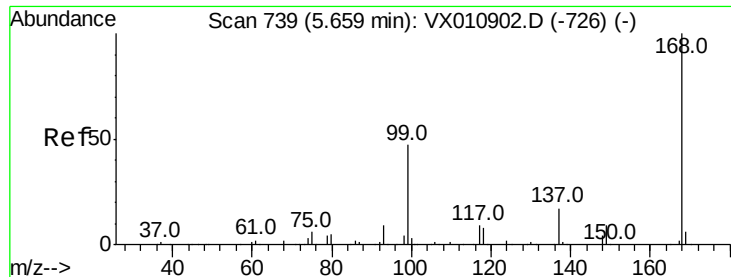
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011182.D

Acq: 30 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

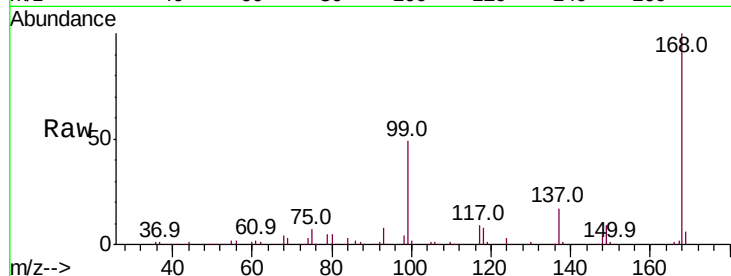
PB121753ZHE#05

Tot Ion:168 Resp: 184250

Ion Ratio Lower Upper

168 100

99 49.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

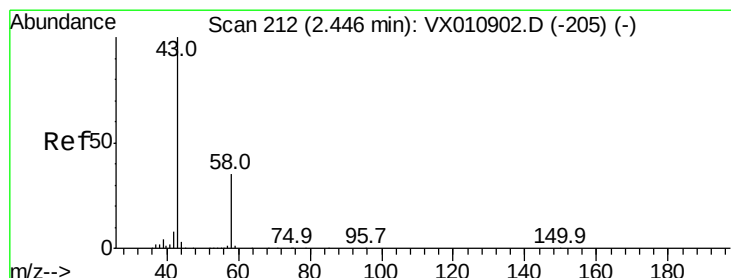
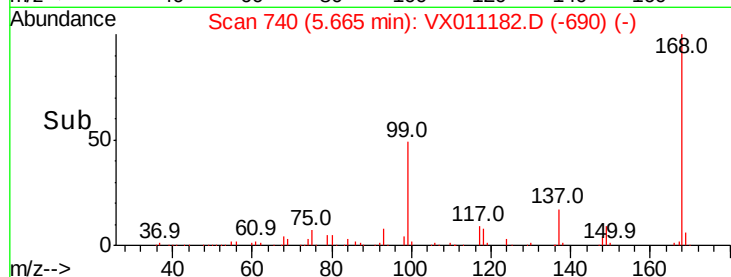
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 571.509 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011182.D

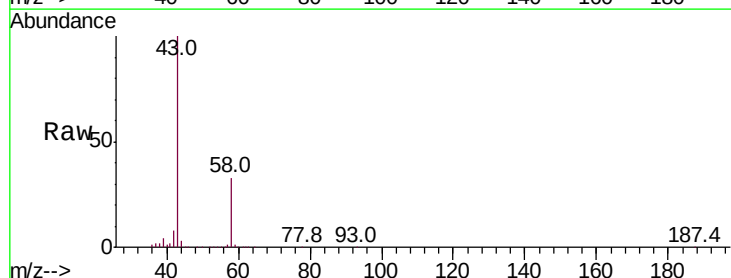
Acq: 30 Jul 2019 06:37

Tgt Ion: 43 Resp: 505953

Ion Ratio Lower Upper

43 100

58 33.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

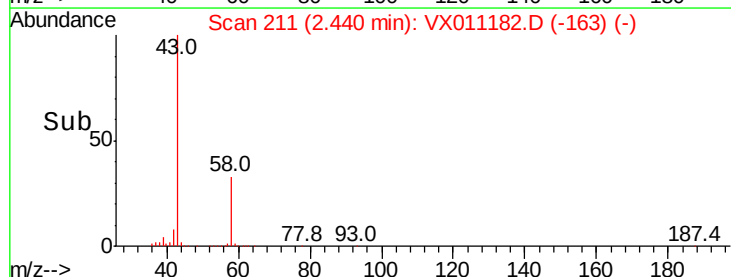
300000

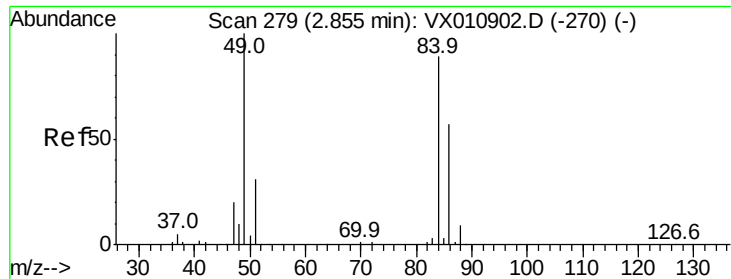
200000

100000

0

Time--> 2.30 2.40 2.50 2.60

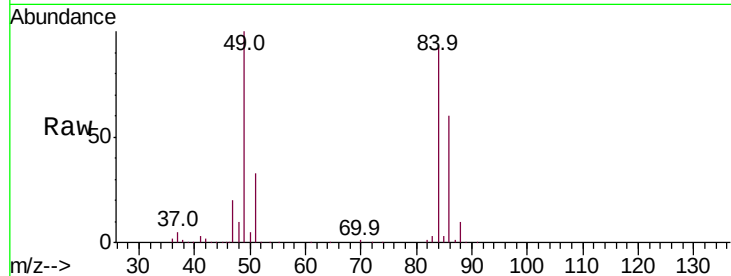




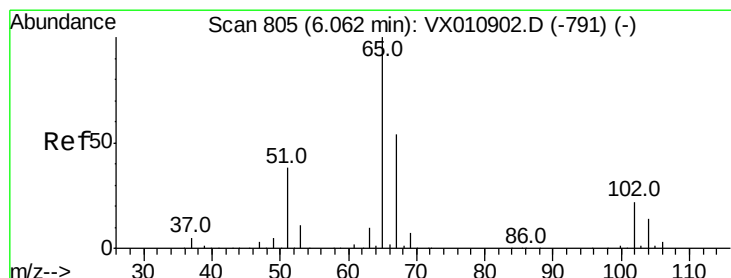
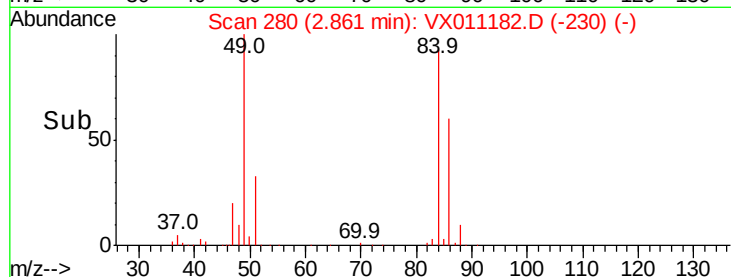
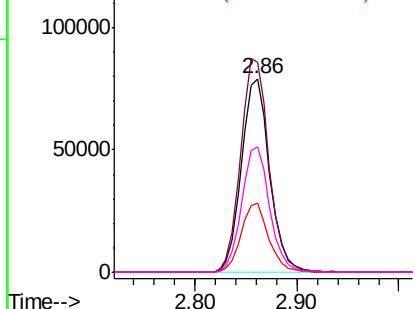
#20
Methylene Chloride
Concen: 80.670 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tot Ion: 84 Resp: 151347
Ion Ratio Lower Upper
84 100
49 107.9 89.9 134.9
51 35.5 27.8 41.6
86 64.8 51.8 77.6

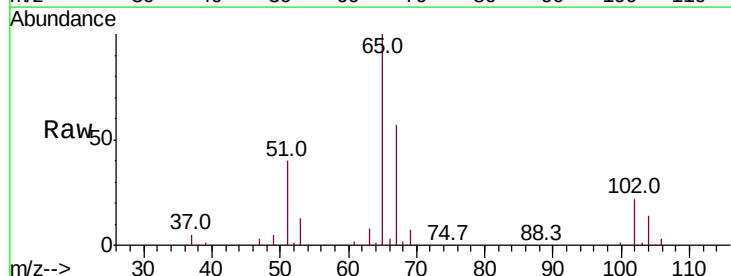


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

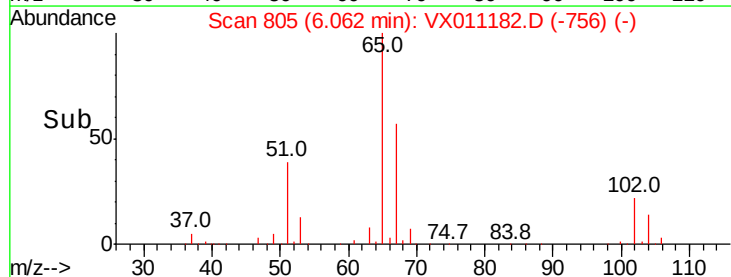
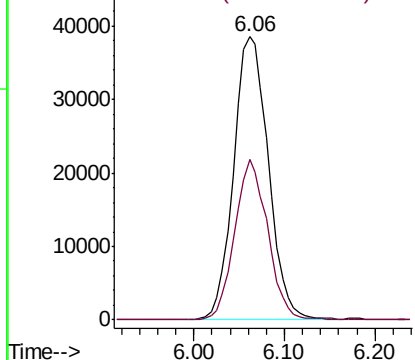


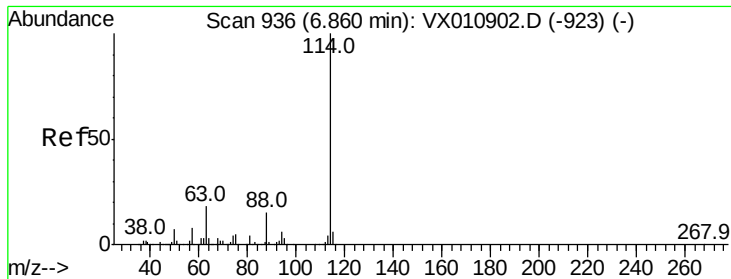
#33
1,2-Dichloroethane-d4
Concen: 52.449 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 65 Resp: 102808
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

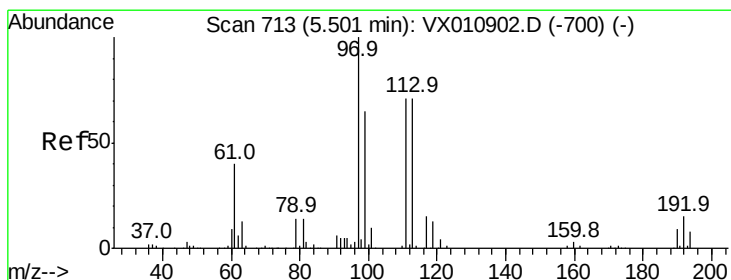
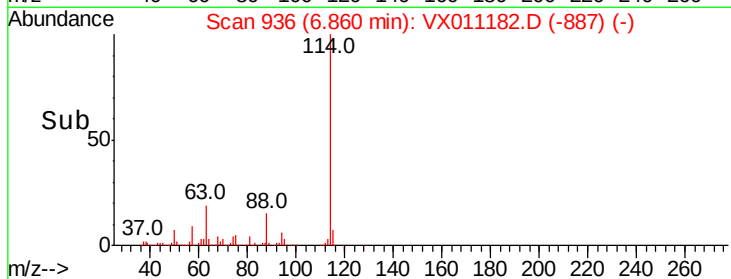
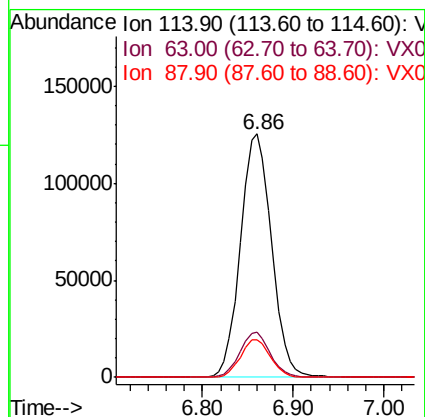
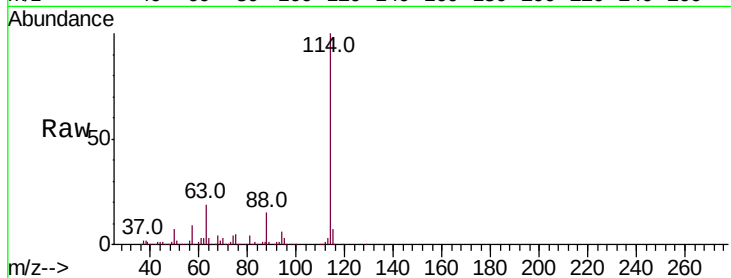




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011182.D
 Acq: 30 Jul 2019 06:37

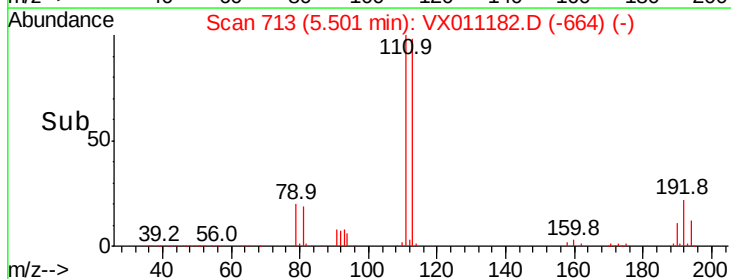
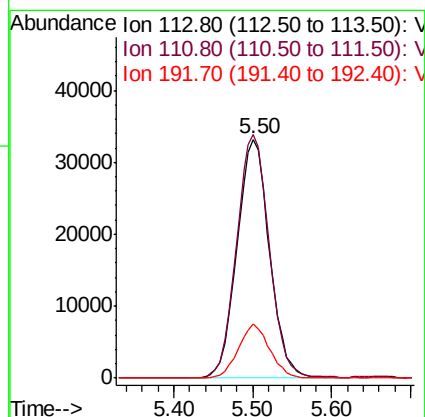
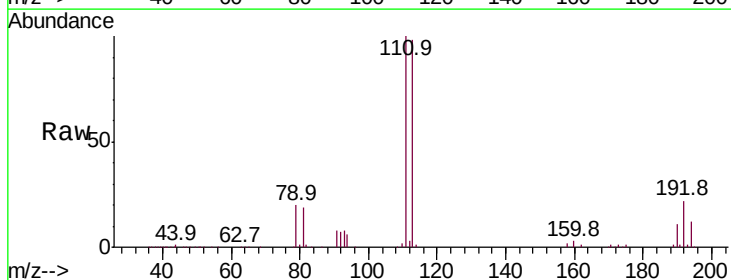
Instrument :
 MSVOA_X
 ClientSampleId :
 PB121753ZHE#05

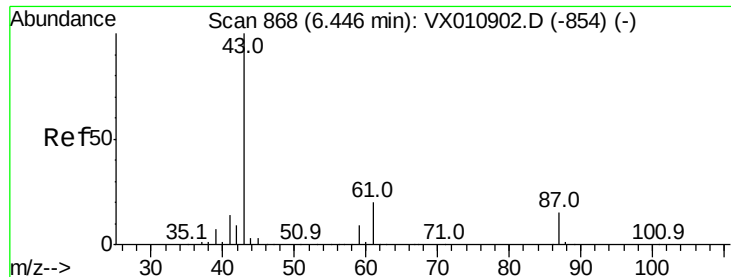
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	35.6
88	15.3	0.0	29.8



#35
 Dibromofluoromethane
 Concen: 50.236 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX011182.D
 Acq: 30 Jul 2019 06:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	21.8	17.4	26.2





#43

Isopropyl Acetate

Concen: 2.665 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011182.D

Acq: 30 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

PB121753ZHE#05

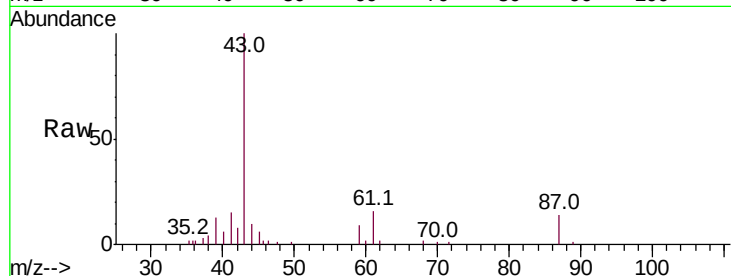
Tot Ion: 43 Resp: 10971

Ion Ratio Lower Upper

43 100

61 22.5 17.1 25.7

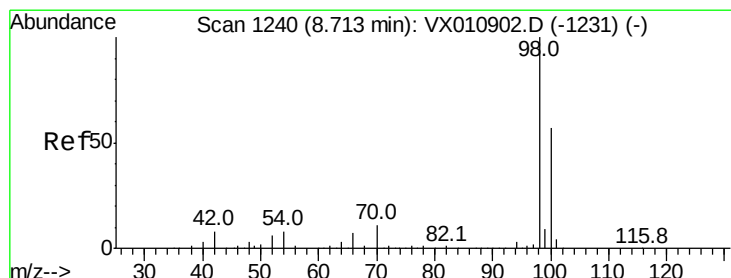
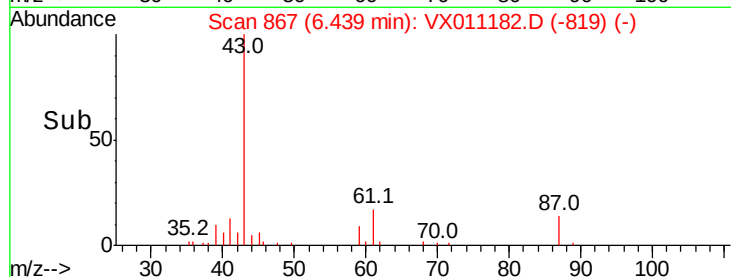
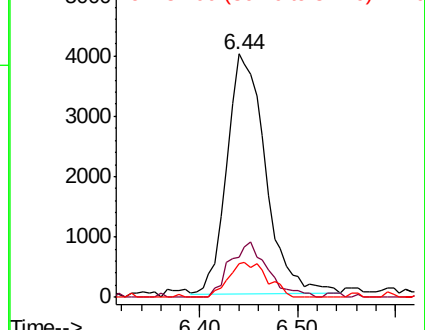
87 14.6 12.0 18.0



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: 52.633 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011182.D

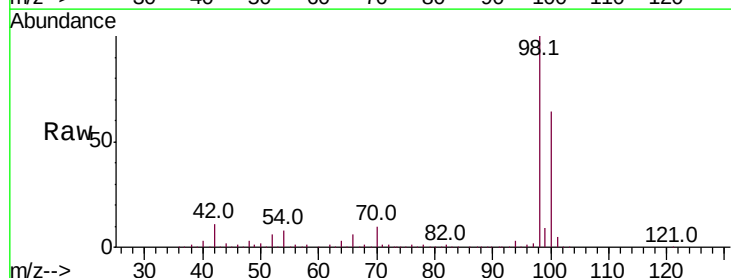
Acq: 30 Jul 2019 06:37

Tgt Ion: 98 Resp: 372919

Ion Ratio Lower Upper

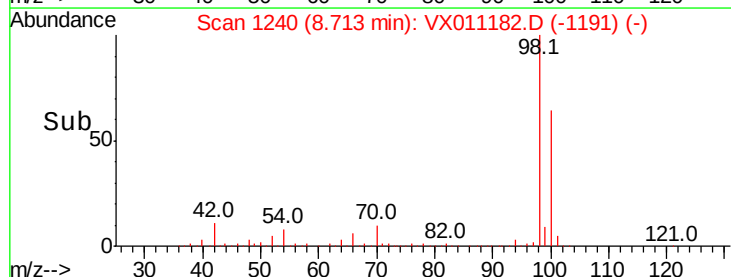
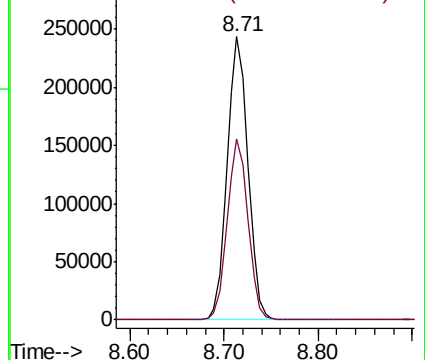
98 100

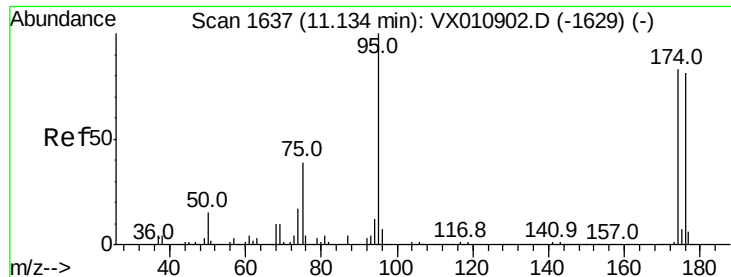
100 63.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.464 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011182.D

Acq: 30 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

PB121753ZHE#05

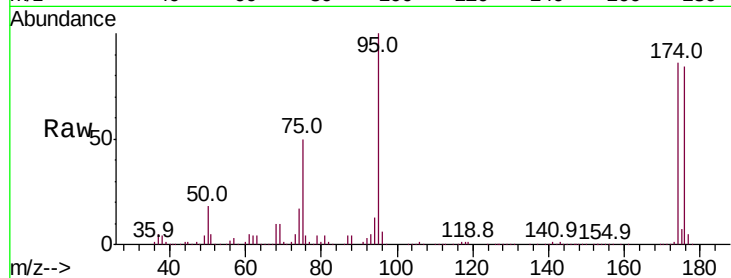
Tot Ion: 95 Resp: 131425

Ion Ratio Lower Upper

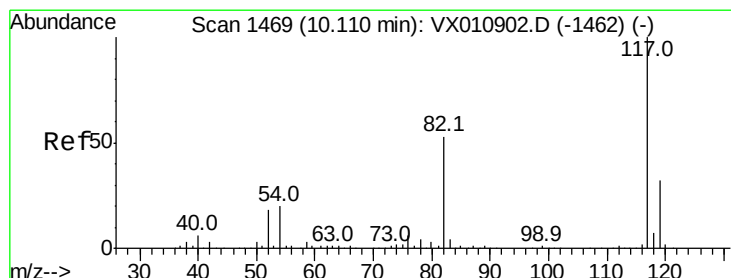
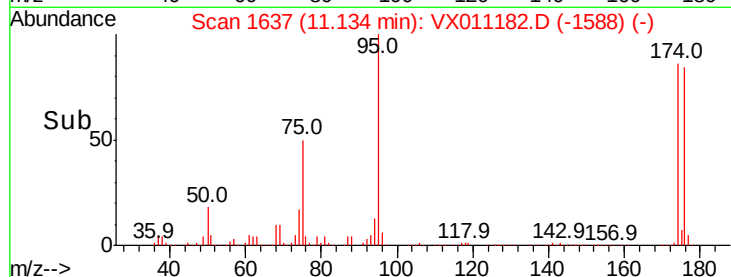
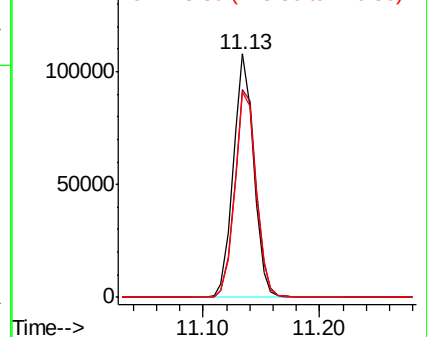
95 100

174 90.4 0.0 180.6

176 88.3 0.0 173.8



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011182.D

Acq: 30 Jul 2019 06:37

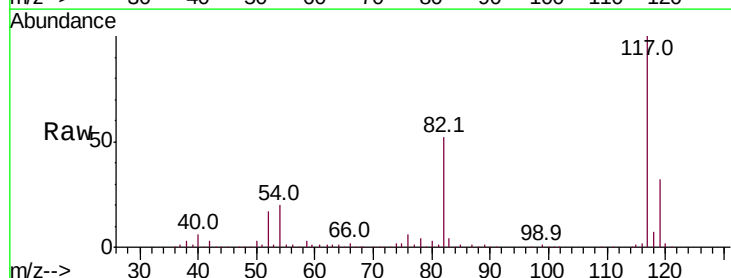
Tgt Ion: 117 Resp: 293473

Ion Ratio Lower Upper

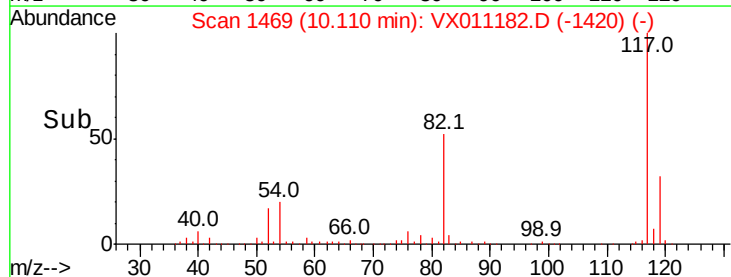
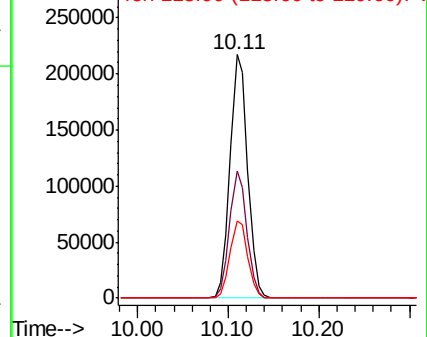
117 100

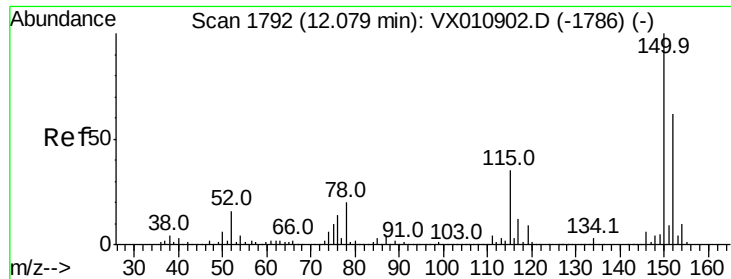
82 52.2 42.6 63.8

119 31.6 25.9 38.9



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: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011182.D
 Acq: 30 Jul 2019 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121753ZHE#05

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.7	119.1
150	157.1	0.0	345.6

