

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011180.D
 Acq On : 30 Jul 2019 05:50
 Operator : JC/SP
 Sample : PB121753ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121753ZHE#03

Quant Time: Jul 30 08:25:35 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

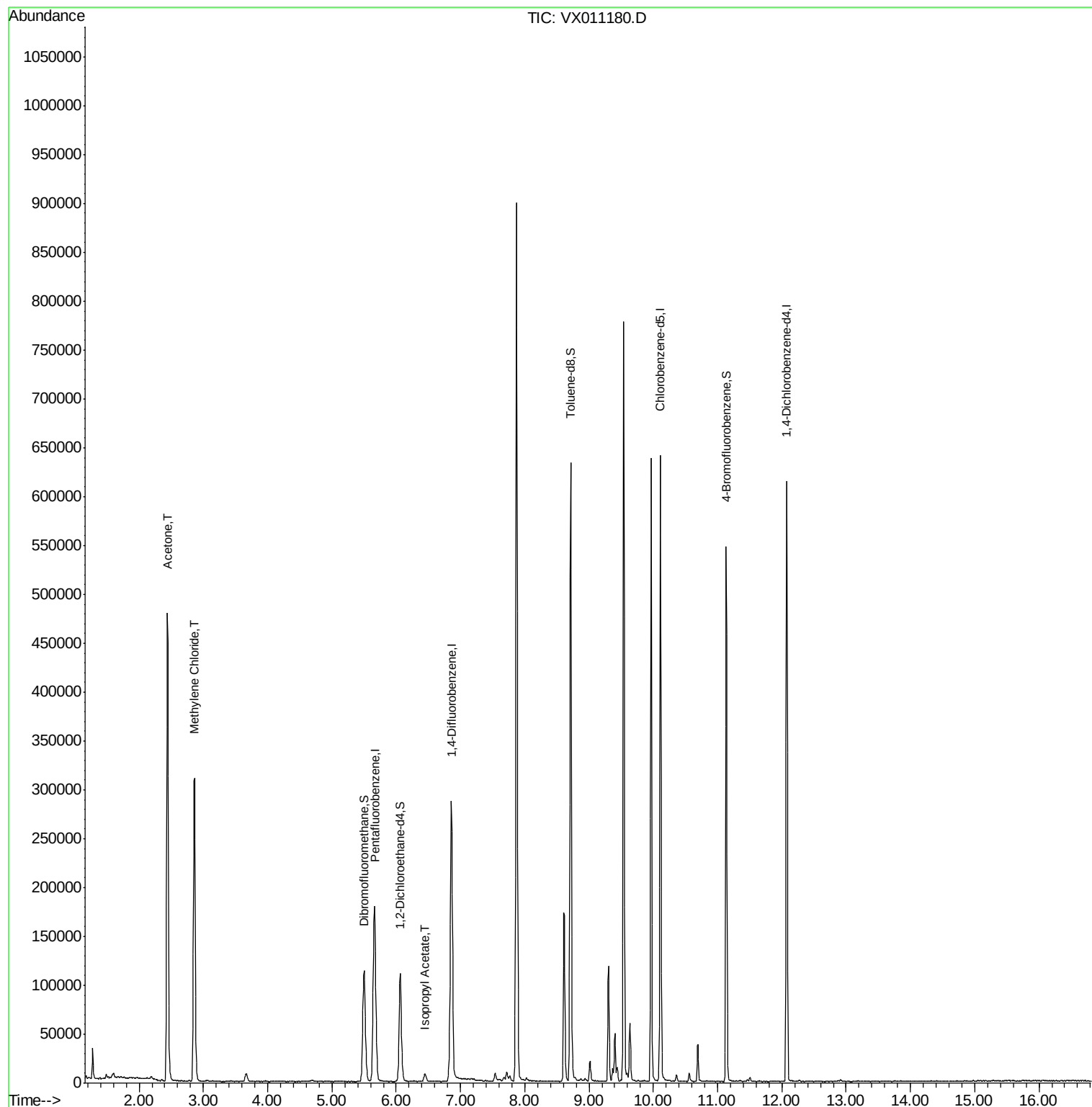
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	295355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	103300	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
35) Dibromofluoromethane	5.50	113	94485	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	8.71	98	371811	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	11.13	95	131581	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
16) Acetone	2.44	43	500824	570.056	ug/l	98
20) Methylene Chloride	2.86	84	154229	82.837	ug/l	97
43) Isopropyl Acetate	6.45	43	11509	2.793	ug/l	98

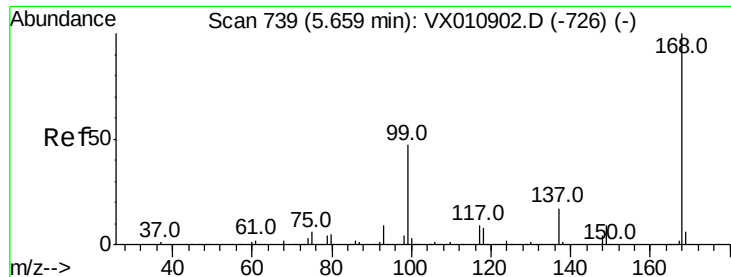
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011180.D

Acq: 30 Jul 2019 05:50

Instrument :

MSVOA_X

ClientSampleId :

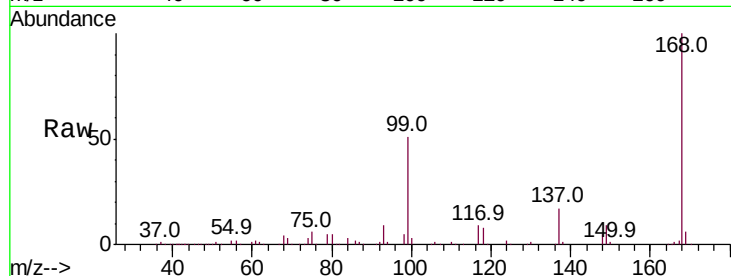
PB121753ZHE#03

Tot Ion:168 Resp: 182847

Ion Ratio Lower Upper

168 100

99 50.6 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

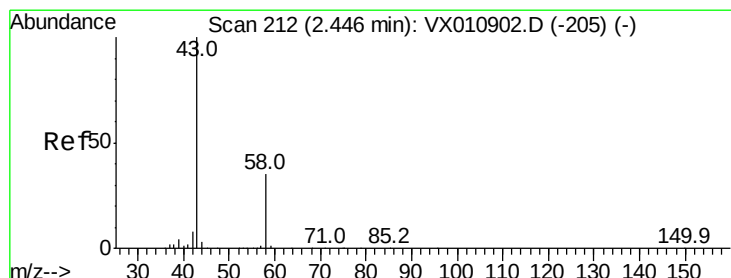
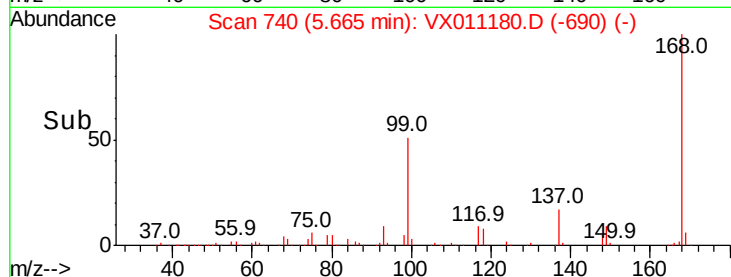
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 570.056 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011180.D

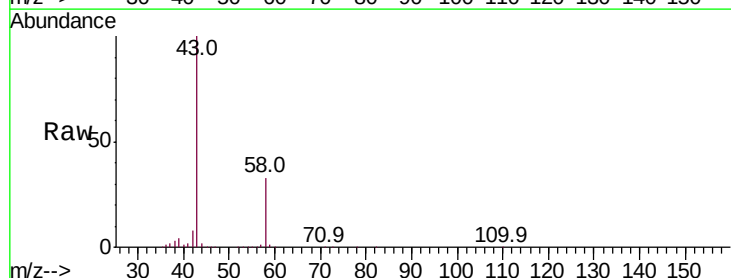
Acq: 30 Jul 2019 05:50

Tgt Ion: 43 Resp: 500824

Ion Ratio Lower Upper

43 100

58 33.2 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

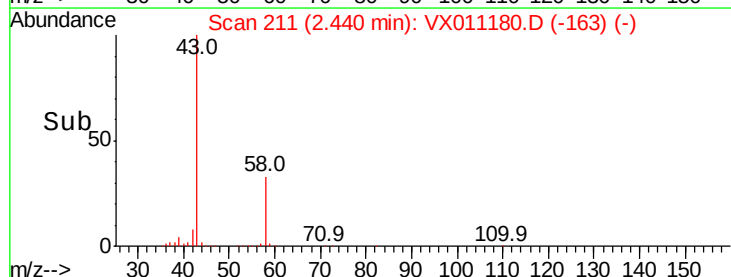
300000

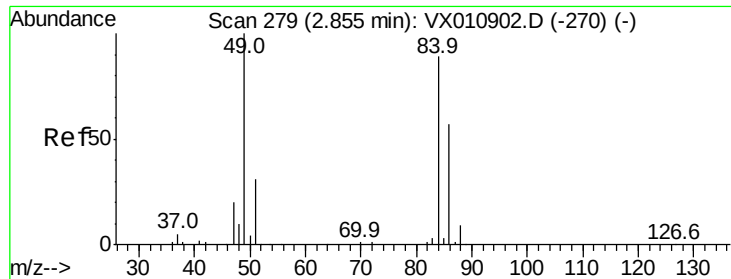
200000

100000

0

Time--> 2.30 2.40 2.50 2.60

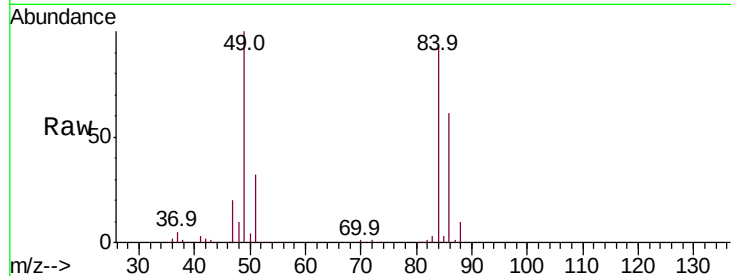




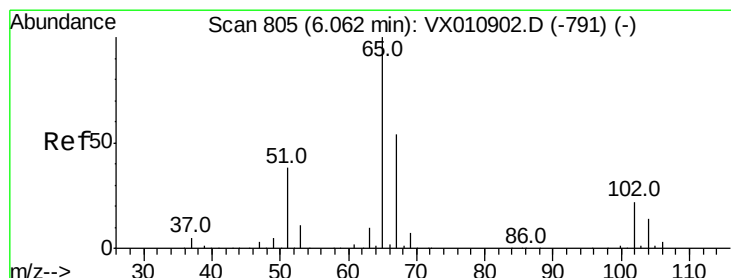
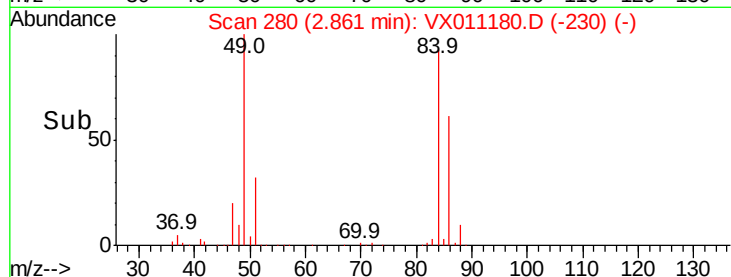
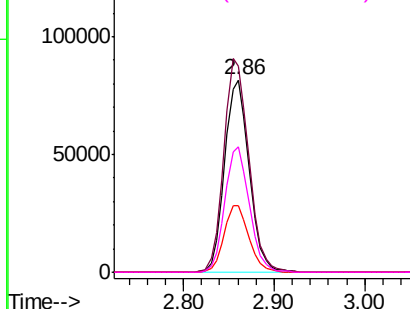
#20
Methylene Chloride
Concen: 82.837 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tot Ion: 84 Resp: 154229
Ion Ratio Lower Upper
84 100
49 107.3 89.9 134.9
51 34.3 27.8 41.6
86 65.4 51.8 77.6

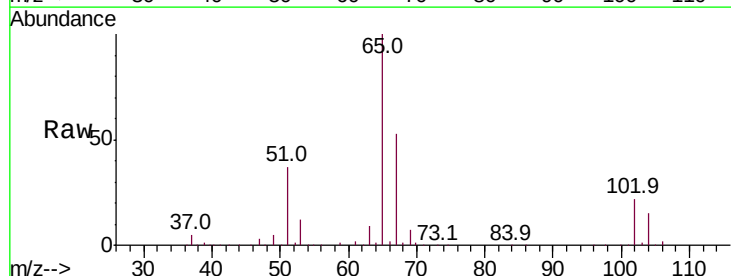


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

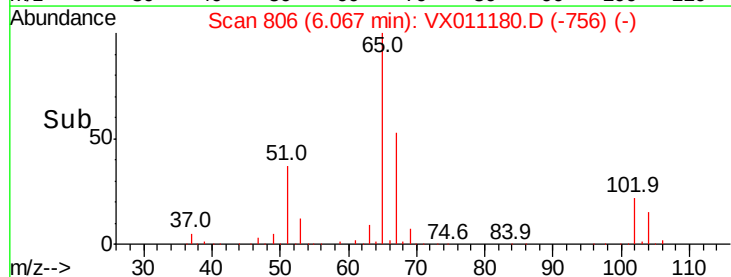
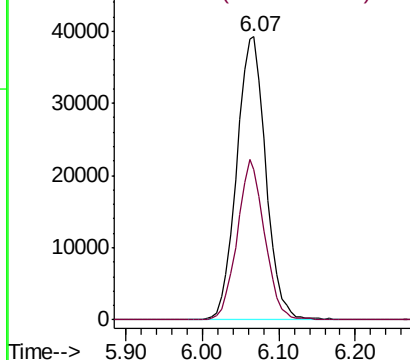


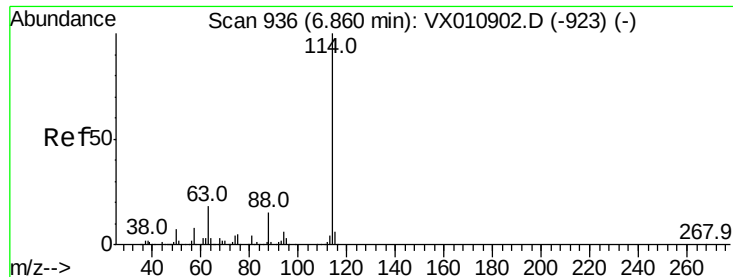
#33
1,2-Dichloroethane-d4
Concen: 53.105 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 65 Resp: 103300
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.8



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

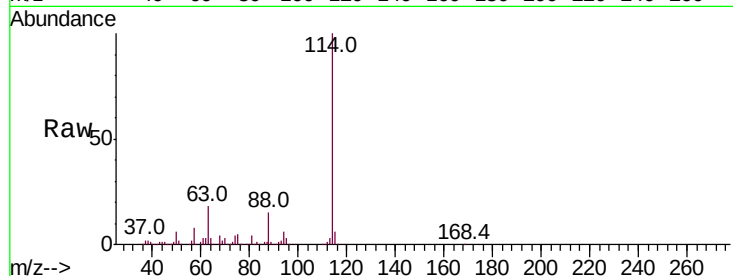




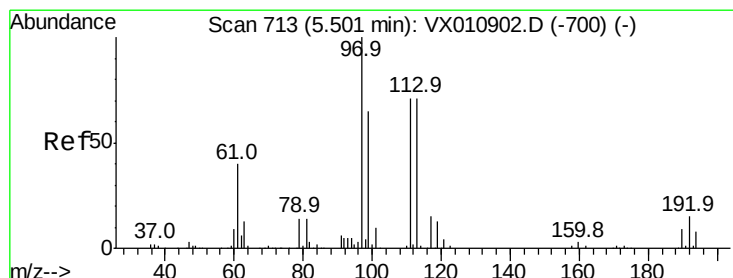
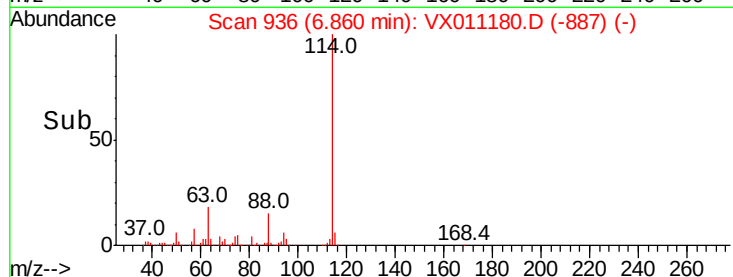
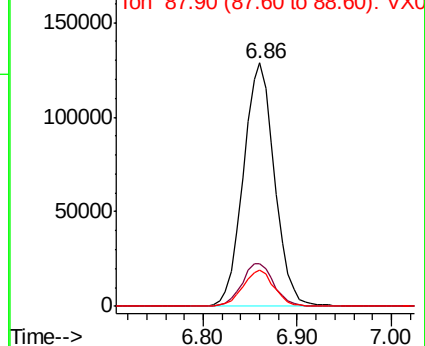
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011180.D
 Acq: 30 Jul 2019 05:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121753ZHE#03

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.6
88	14.8	0.0	29.8

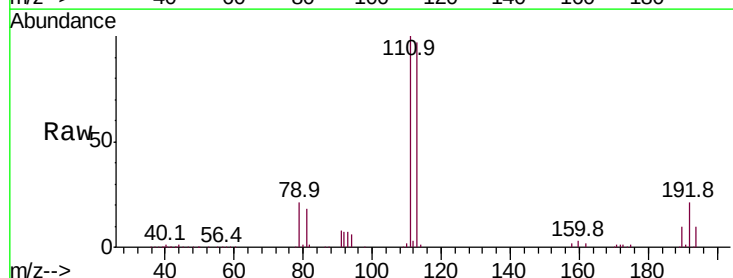


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

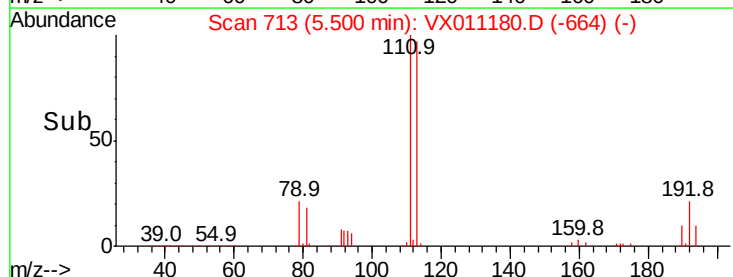
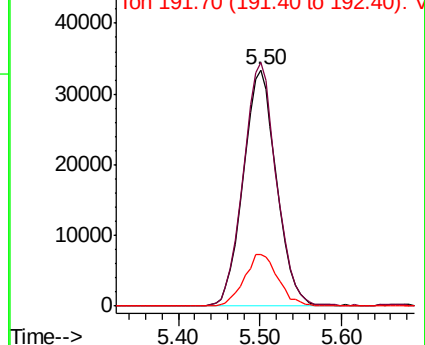


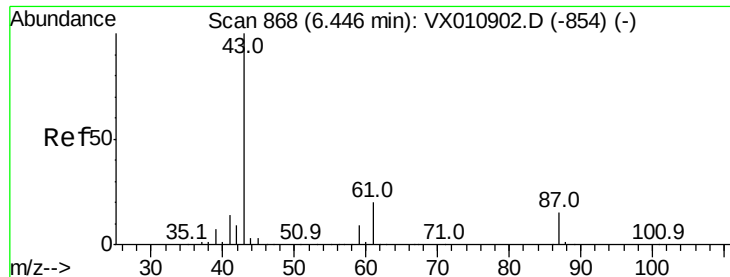
#35
 Dibromofluoromethane
 Concen: 49.967 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX011180.D
 Acq: 30 Jul 2019 05:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	22.1	17.4	26.2



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: 2.793 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011180.D

Acq: 30 Jul 2019 05:50

Instrument :

MSVOA_X

ClientSampleId :

PB121753ZHE#03

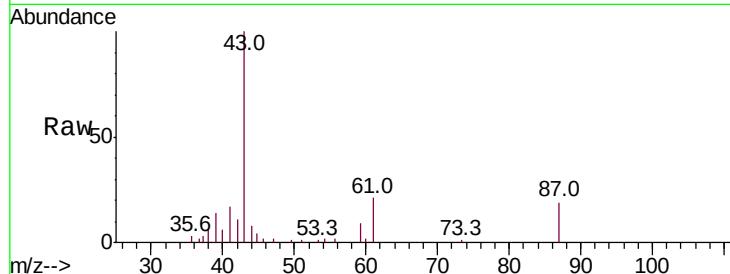
Tot Ion: 43 Resp: 11509

Ion Ratio Lower Upper

43 100

61 21.8 17.1 25.7

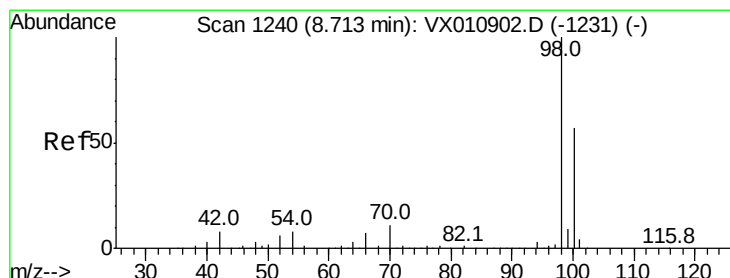
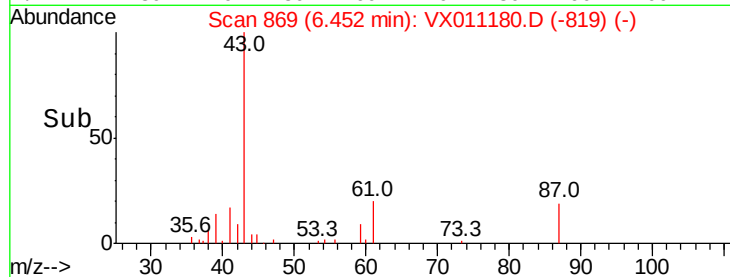
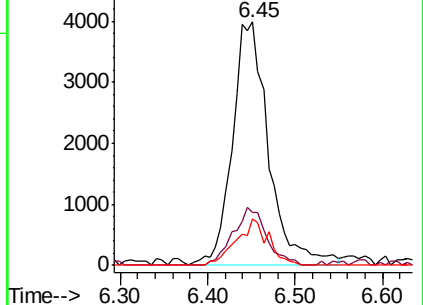
87 16.9 12.0 18.0



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: 52.425 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011180.D

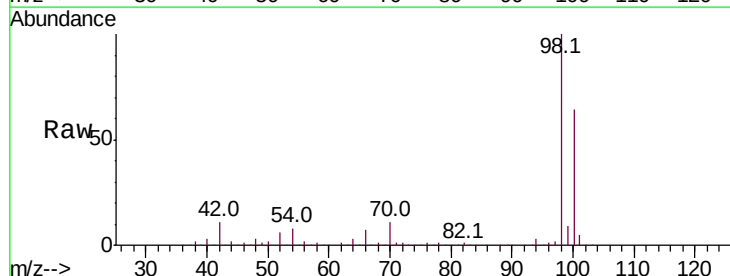
Acq: 30 Jul 2019 05:50

Tgt Ion: 98 Resp: 371811

Ion Ratio Lower Upper

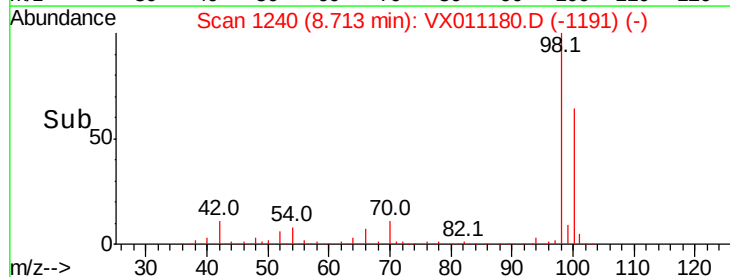
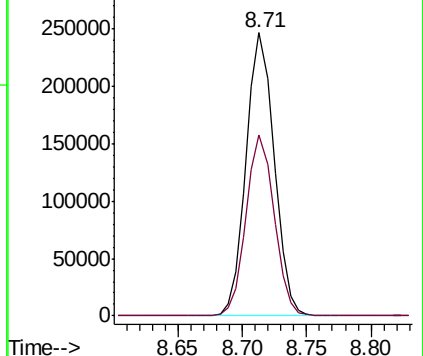
98 100

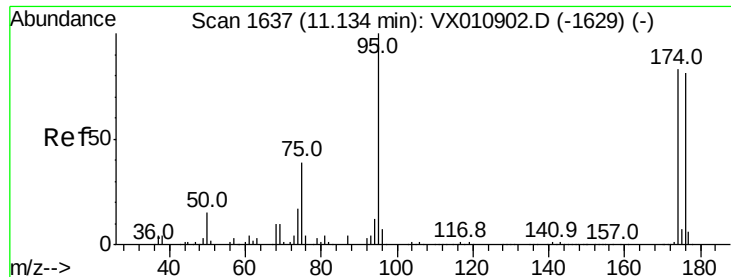
100 64.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.474 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011180.D

Acq: 30 Jul 2019 05:50

Instrument :

MSVOA_X

ClientSampleId :

PB121753ZHE#03

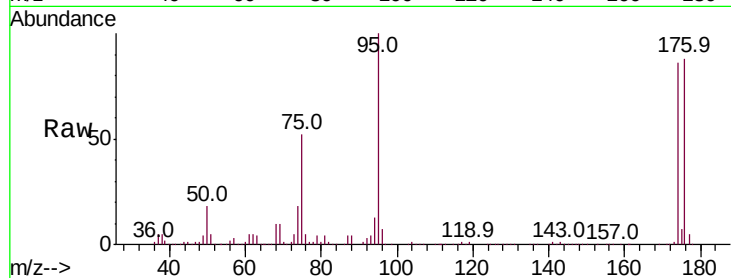
Tot Ion: 95 Resp: 131581

Ion Ratio Lower Upper

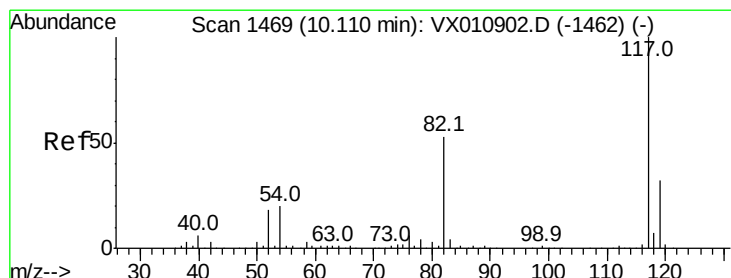
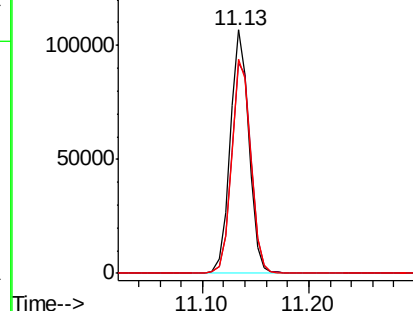
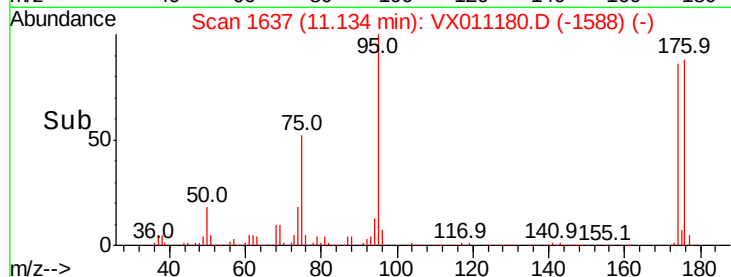
95 100

174 90.4 0.0 180.6

176 89.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011180.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011180.D

Acq: 30 Jul 2019 05:50

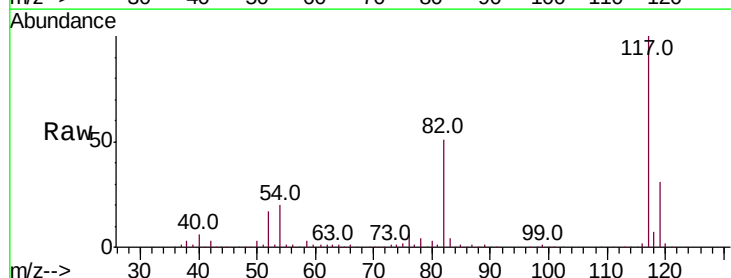
Tgt Ion: 117 Resp: 295355

Ion Ratio Lower Upper

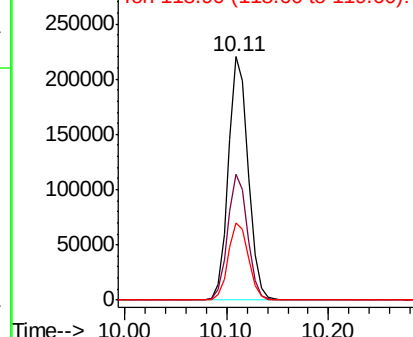
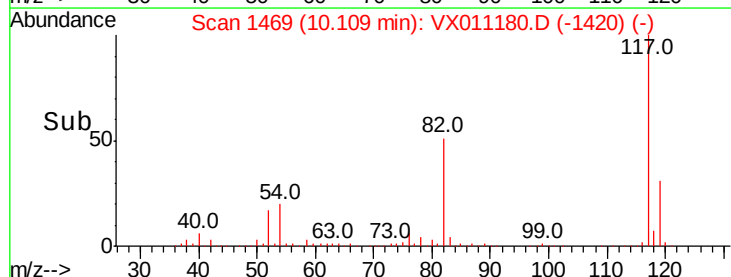
117 100

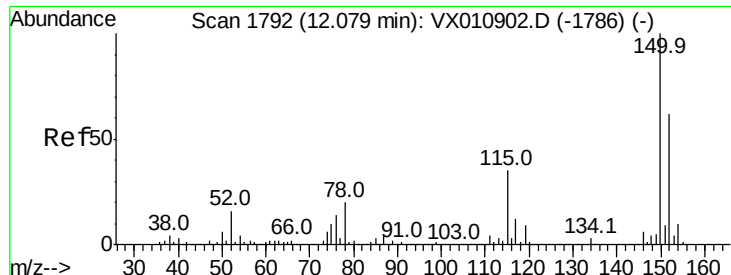
82 51.4 42.6 63.8

119 31.5 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011180.D (-1420) (-)

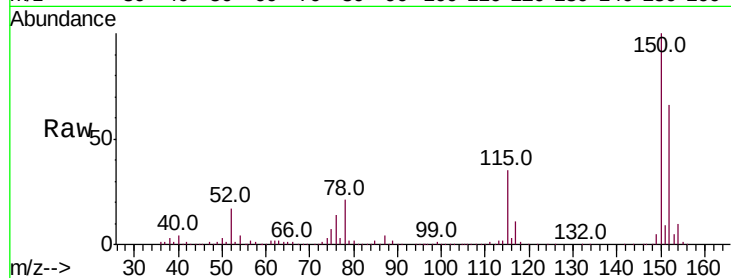




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011180.D
 Acq: 30 Jul 2019 05:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121753ZHE#03

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.7	39.7	119.1
150	157.3	0.0	345.6



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

