

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011434.D
 Acq On : 11 Aug 2019 16:15
 Operator : JC/SP
 Sample : K4228-33
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-11-0)

Quant Time: Aug 12 08:49:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

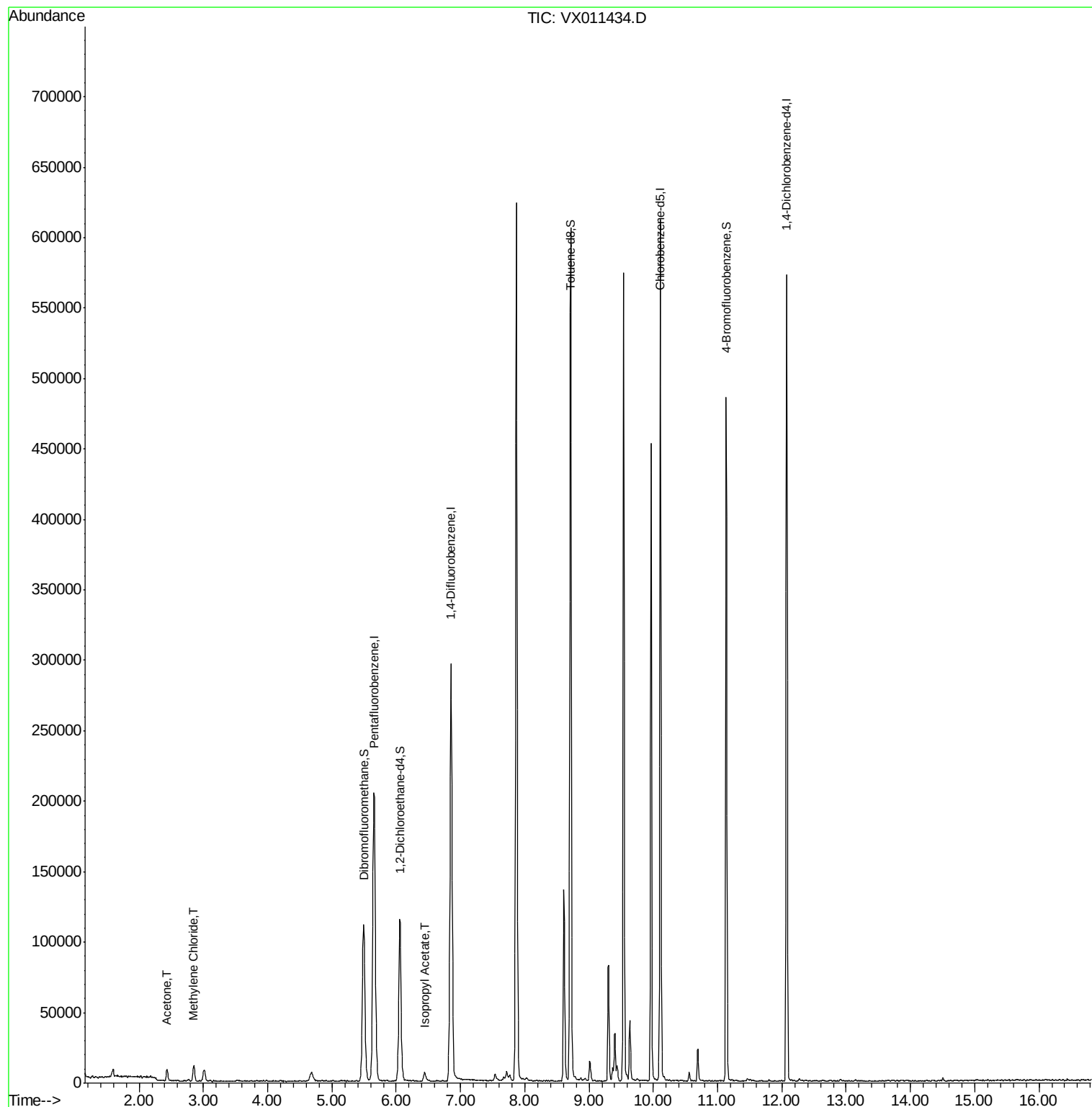
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	203180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107811	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
35) Dibromofluoromethane	5.49	113	93066	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
50) Toluene-d8	8.71	98	358863	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.13	95	118622	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
Target Compounds						
16) Acetone	2.43	43	8662	8.894	ug/l	97
20) Methylene Chloride	2.85	84	5139	2.409	ug/l	96
43) Isopropyl Acetate	6.45	43	8001	1.894	ug/l	98

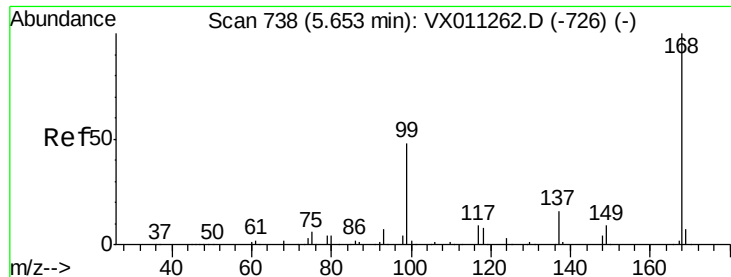
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011434.D

Acq: 11 Aug 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

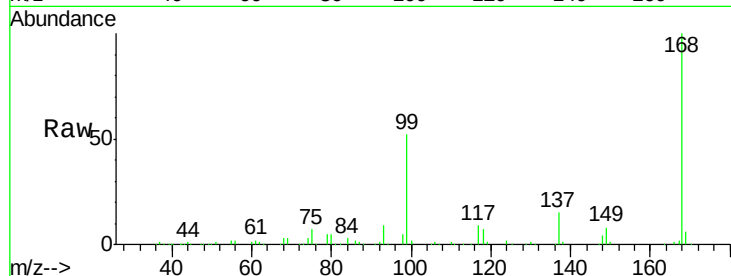
2S-11-(0)

Tot Ion:168 Resp: 203180

Ion Ratio Lower Upper

168 100

99 51.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

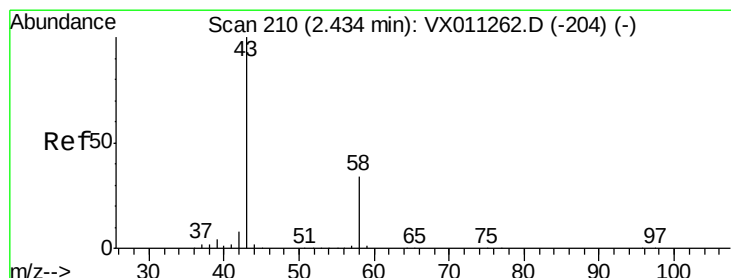
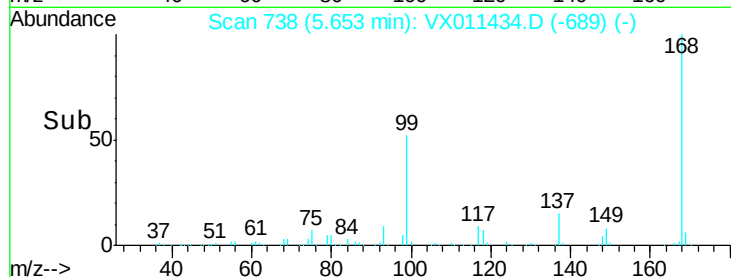
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.894 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011434.D

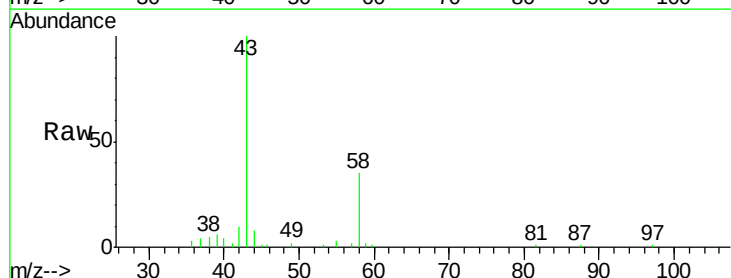
Acq: 11 Aug 2019 16:15

Tgt Ion: 43 Resp: 8662

Ion Ratio Lower Upper

43 100

58 35.8 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

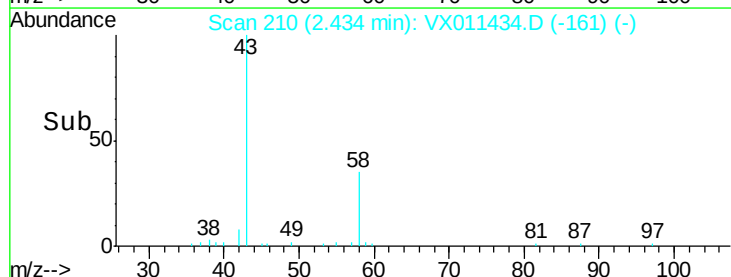
3000

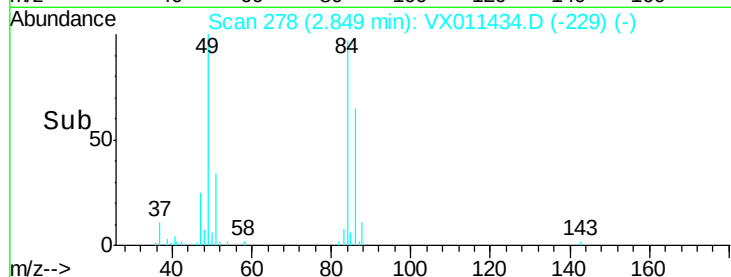
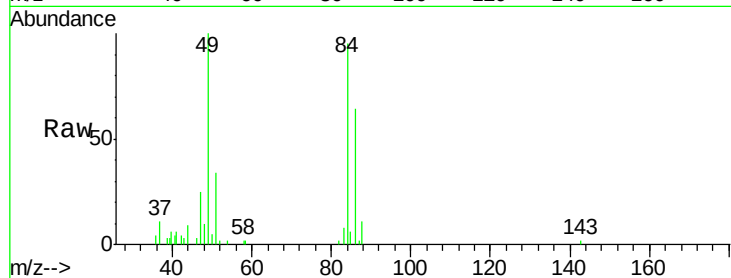
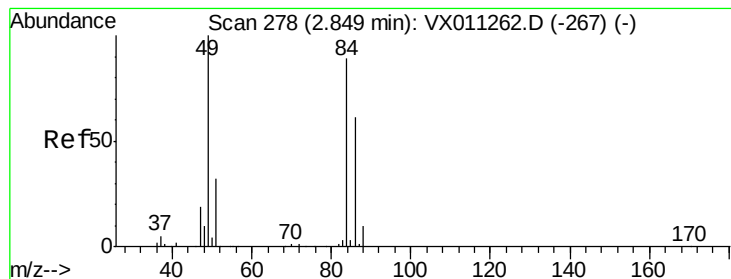
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 2.409 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011434.D

Acq: 11 Aug 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

2S-11-(0)

Tot Ion: 84 Resp: 5139

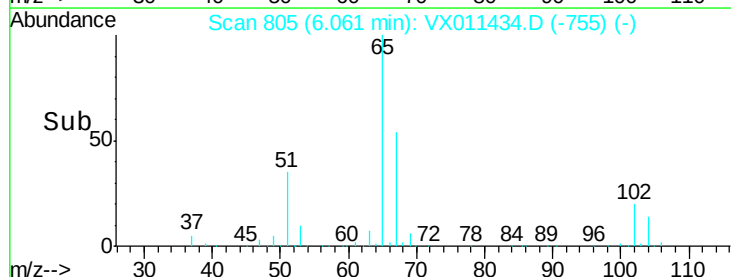
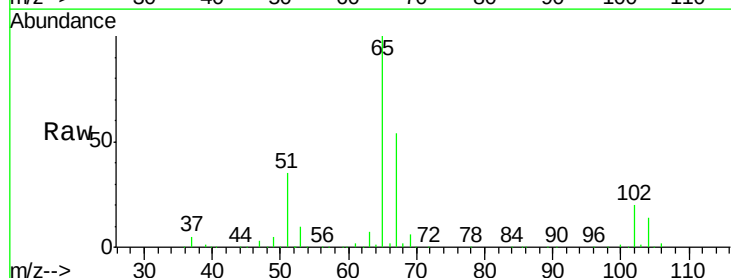
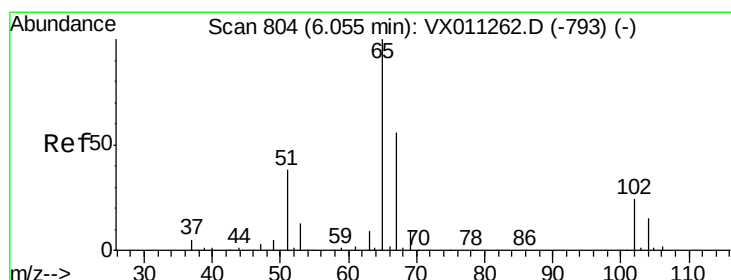
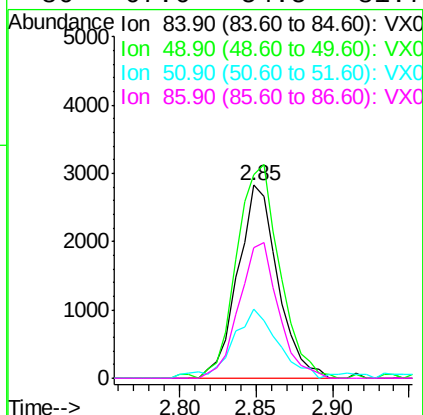
Ion Ratio Lower Upper

84 100

49 105.4 89.3 133.9

51 33.6 28.3 42.5

86 67.6 54.5 81.7



#33

1,2-Dichloroethane-d4

Concen: 52.690 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX011434.D

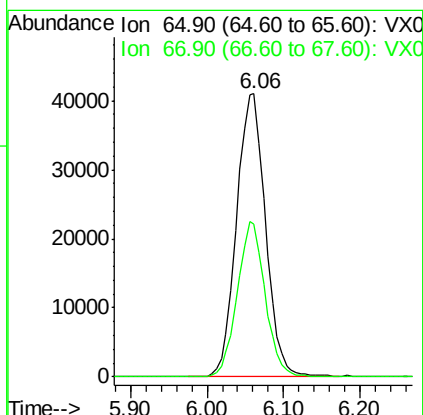
Acq: 11 Aug 2019 16:15

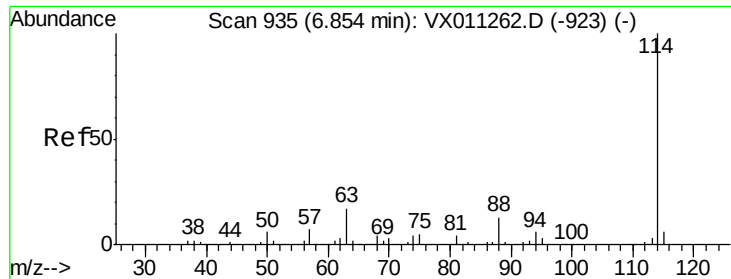
Tgt Ion: 65 Resp: 107811

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.6

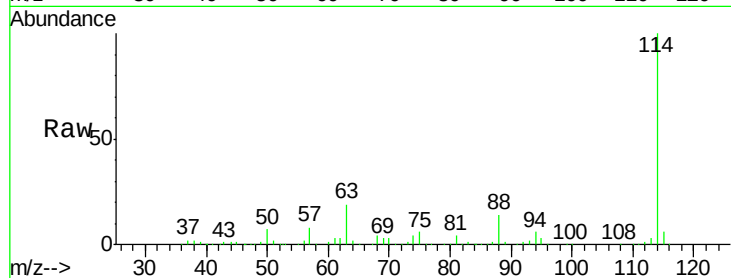




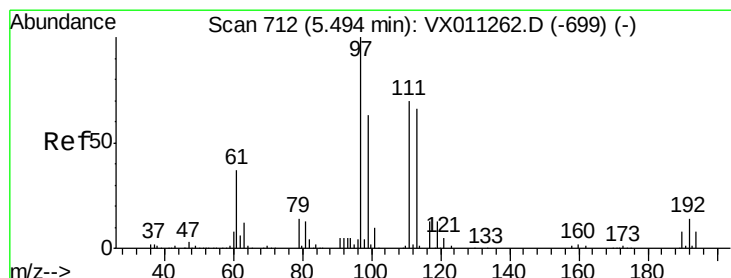
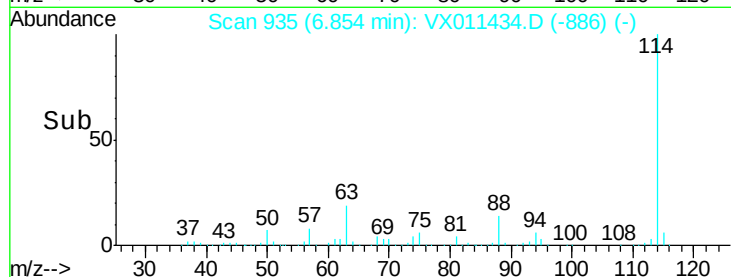
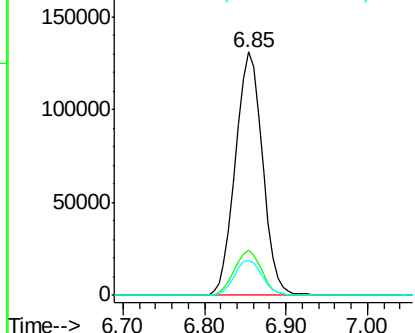
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011434.D
 Acq: 11 Aug 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-11-(0)

Tot Ion:114 Resp: 301774
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.0
 88 14.1 0.0 26.4

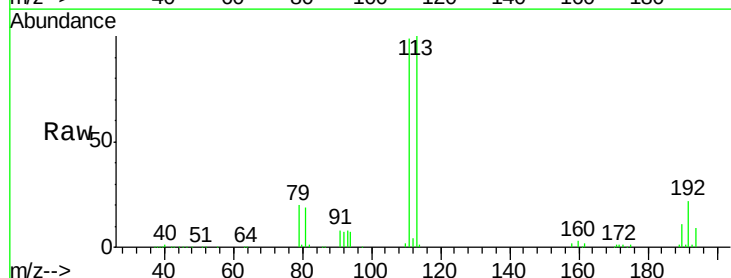


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

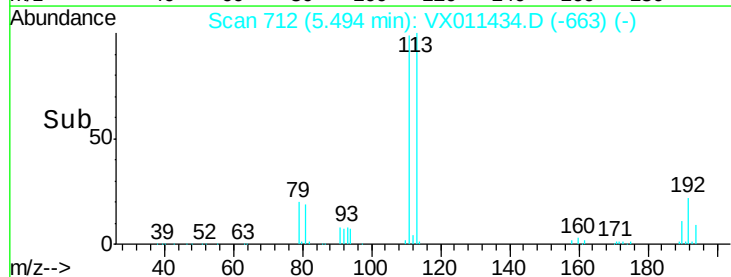
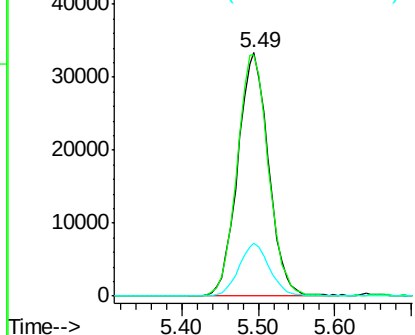


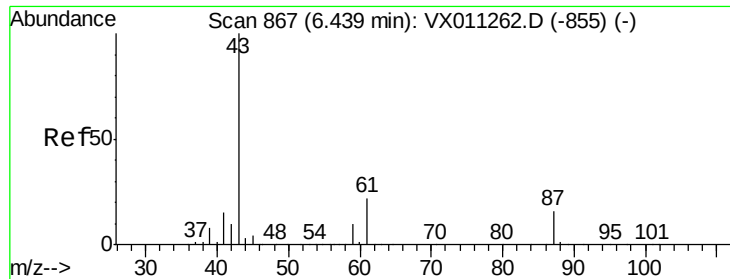
#35
 Dibromofluoromethane
 Concen: 47.236 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011434.D
 Acq: 11 Aug 2019 16:15

Tgt Ion:113 Resp: 93066
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.9 122.9
 192 21.5 17.8 26.8



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: 1.894 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011434.D

Acq: 11 Aug 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

2S-11-(0)

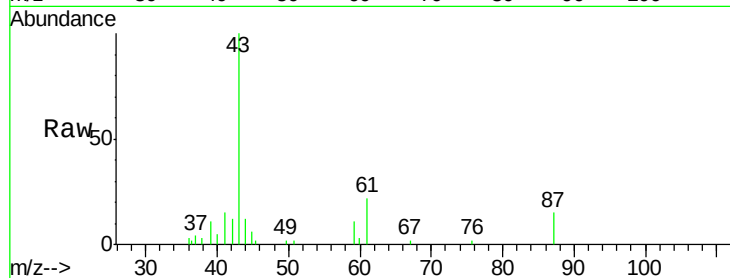
Tot Ion: 43 Resp: 8001

Ion Ratio Lower Upper

43 100

61 21.6 16.5 24.7

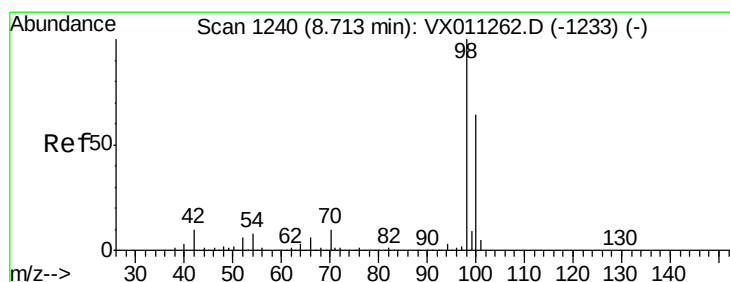
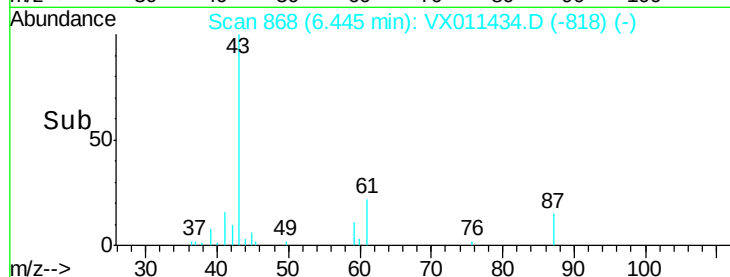
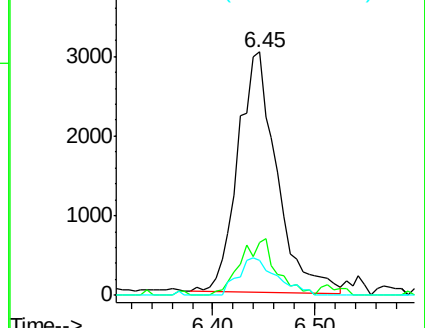
87 15.4 12.1 18.1



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: 48.254 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011434.D

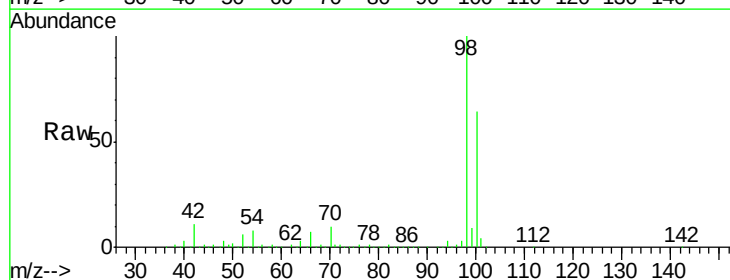
Acq: 11 Aug 2019 16:15

Tgt Ion: 98 Resp: 358863

Ion Ratio Lower Upper

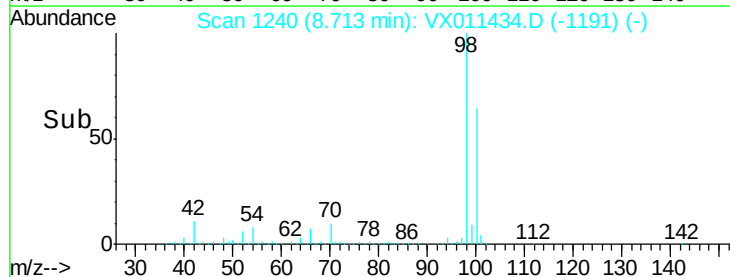
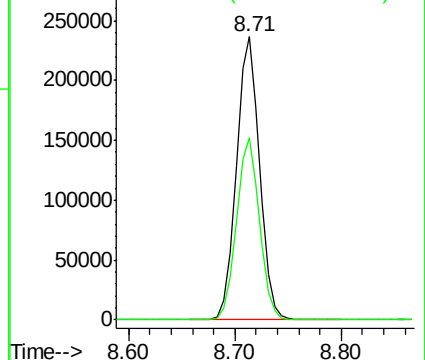
98 100

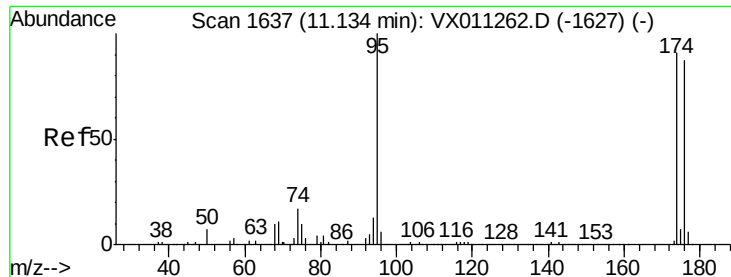
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

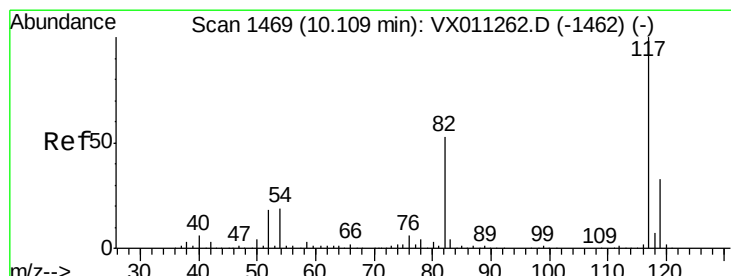
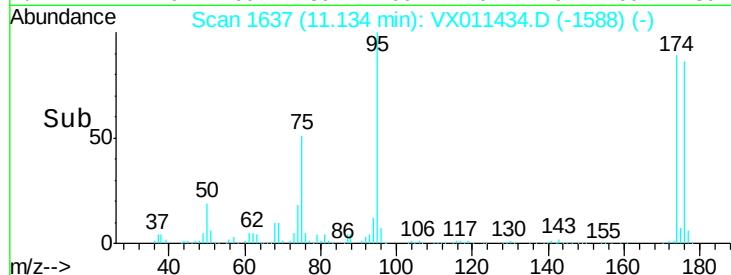
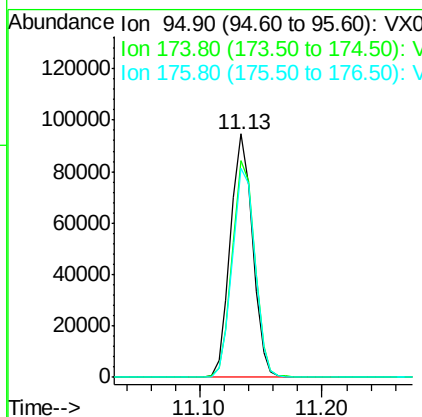
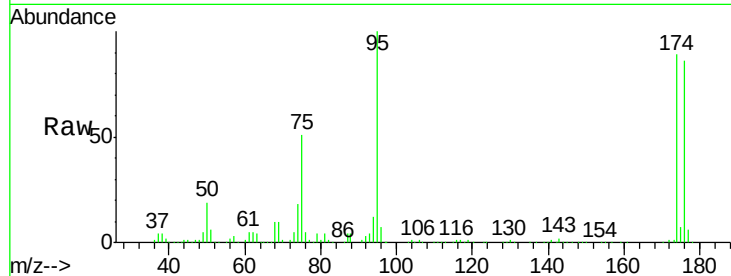




#62
4-Bromofluorobenzene
Concen: 44.675 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011434.D
Acq: 11 Aug 2019 16:15

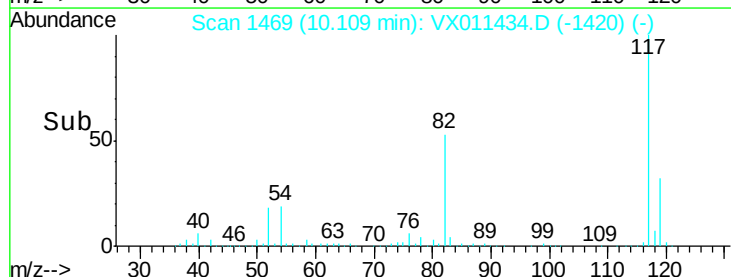
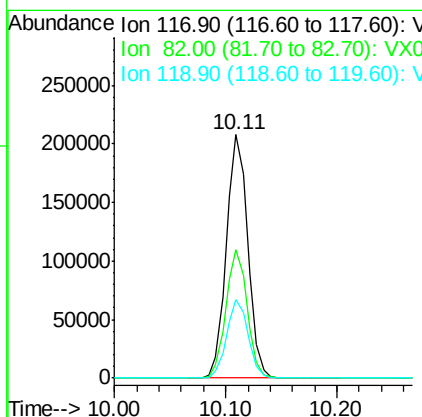
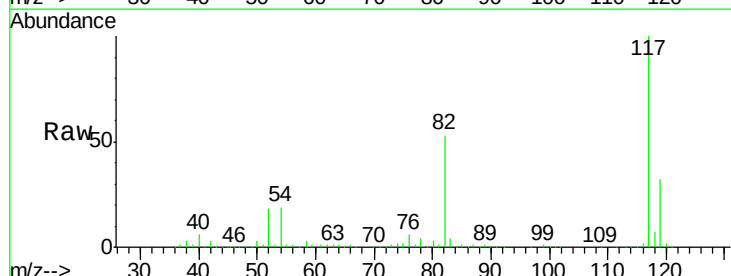
Instrument :
MSVOA_X
ClientSampleId :
2S-11-(0)

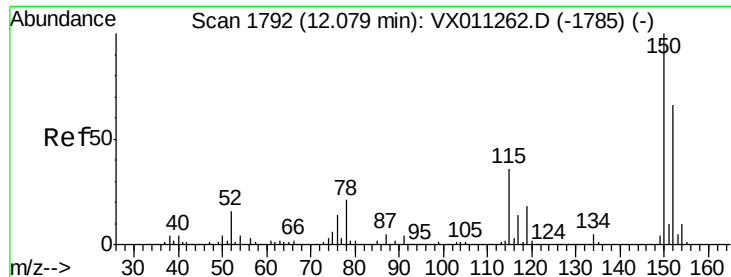
Tot Ion: 95 Resp: 118622
Ion Ratio Lower Upper
95 100
174 90.5 0.0 191.2
176 87.6 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011434.D
Acq: 11 Aug 2019 16:15

Tgt Ion: 117 Resp: 276857
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.5 26.6 39.8

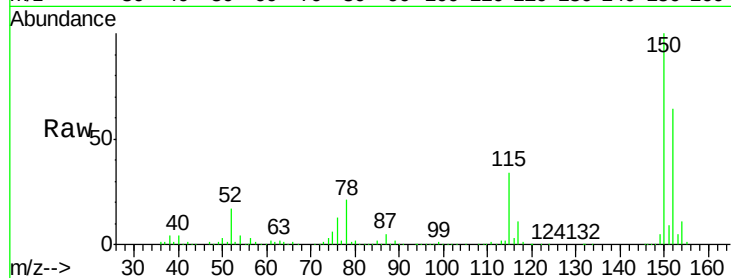




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011434.D
 Acq: 11 Aug 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-11-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.0	119.9
150	156.5	0.0	350.4



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

