

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011433.D
 Acq On : 11 Aug 2019 15:52
 Operator : JC/SP
 Sample : K4228-31
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-N-1)

Quant Time: Aug 12 08:46:07 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

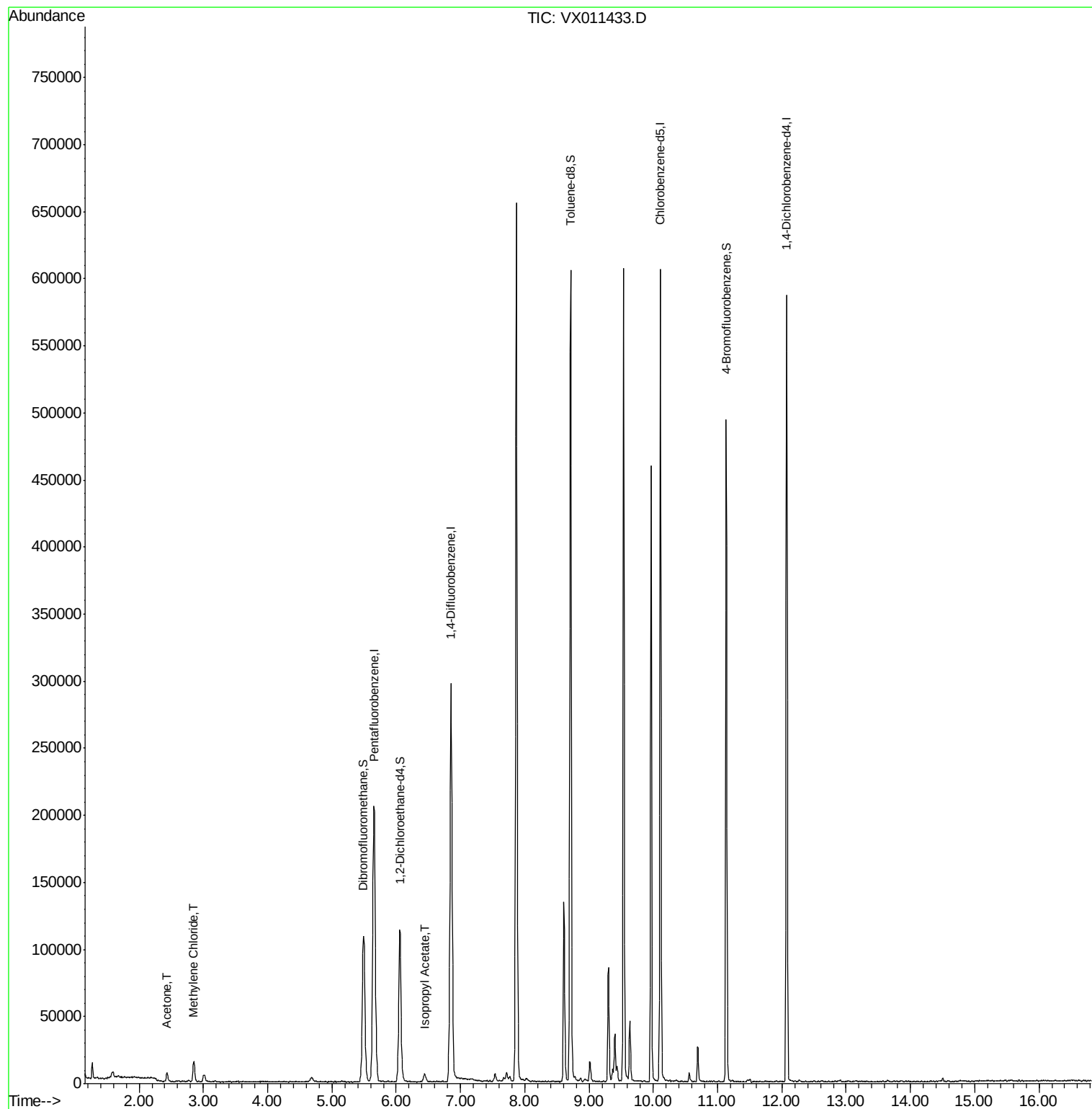
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	201530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107677	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
35) Dibromofluoromethane	5.49	113	92291	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	8.71	98	360235	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.13	95	119778	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
Target Compounds						
16) Acetone	2.43	43	7037	7.285	ug/l	96
20) Methylene Chloride	2.85	84	7198	3.402	ug/l	95
43) Isopropyl Acetate	6.44	43	8492	2.017	ug/l	98

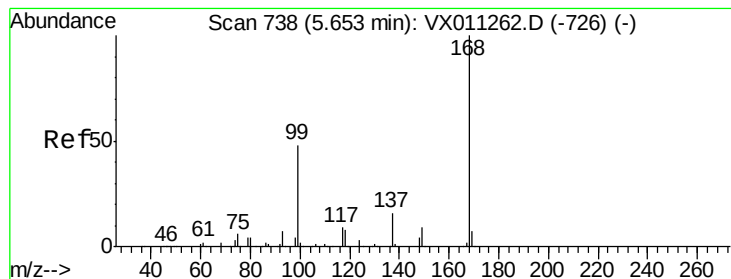
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011433.D

Acq: 11 Aug 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

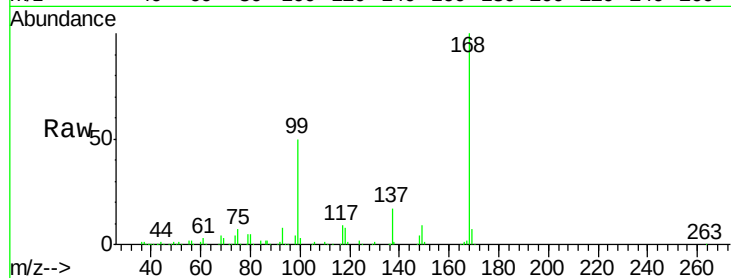
1S-N(1)

Tot Ion:168 Resp: 201530

Ion Ratio Lower Upper

168 100

99 50.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

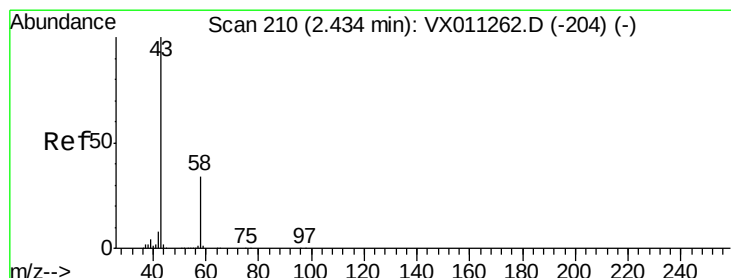
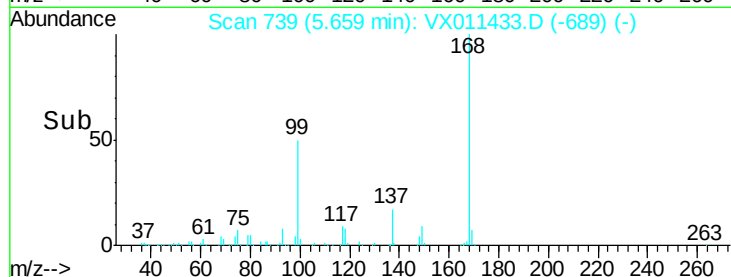
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.285 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011433.D

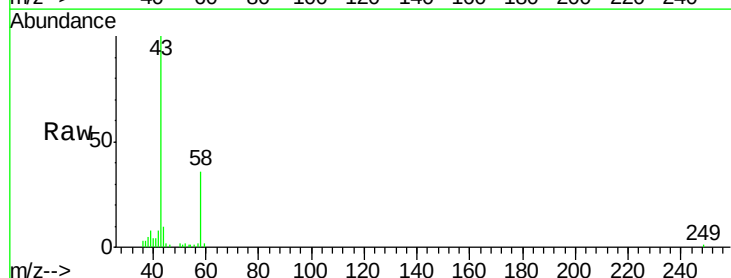
Acq: 11 Aug 2019 15:52

Tgt Ion: 43 Resp: 7037

Ion Ratio Lower Upper

43 100

58 36.5 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

4000

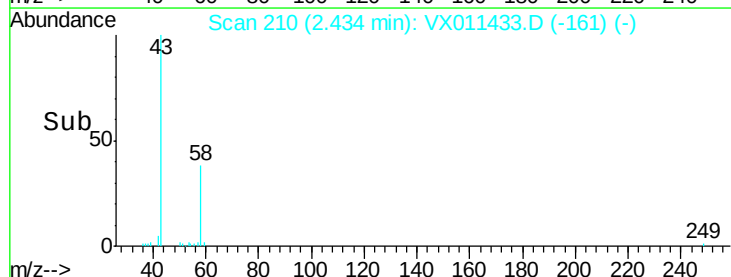
3000

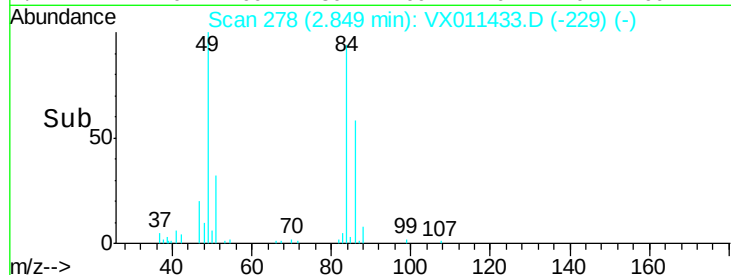
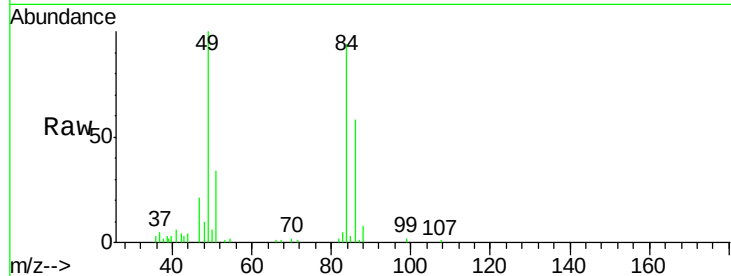
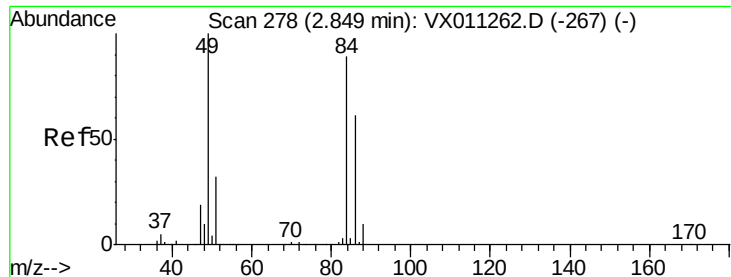
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

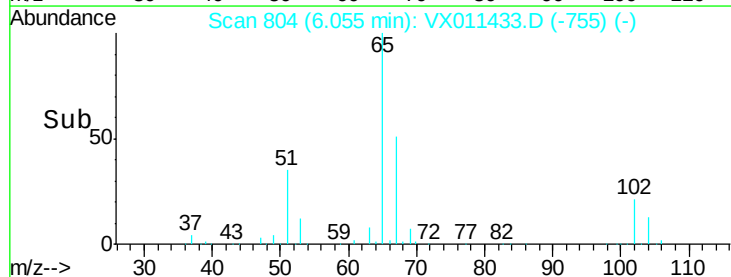
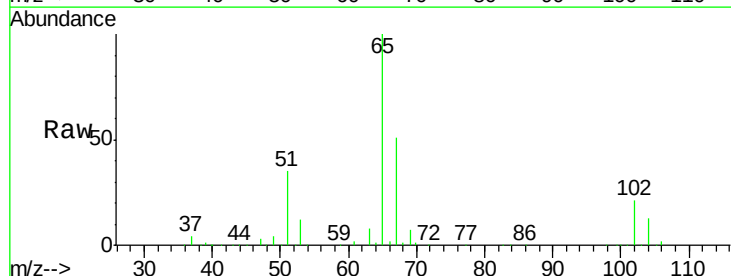
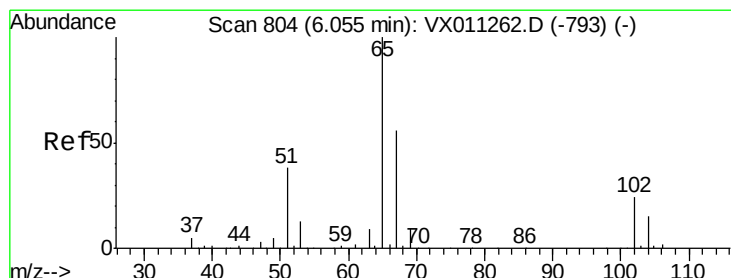
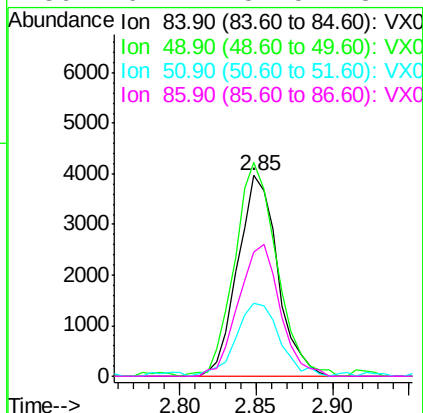




#20
Methylene Chloride
Concen: 3.402 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011433.D
Acq: 11 Aug 2019 15:52

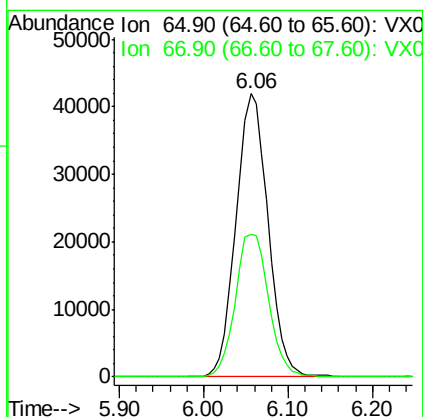
Instrument :
MSVOA_X
ClientSampleId :
1S-N-(1)

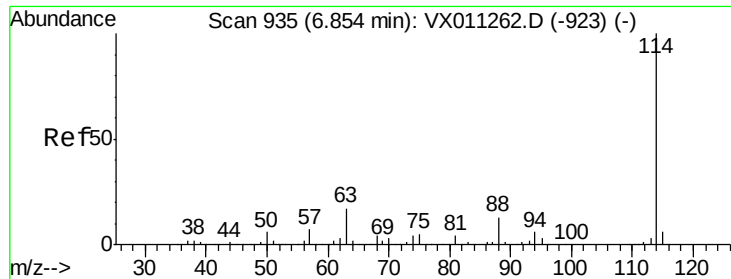
Tot Ion: 84 Resp: 7198
Ion Ratio Lower Upper
84 100
49 106.5 89.3 133.9
51 36.2 28.3 42.5
86 62.1 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 53.056 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011433.D
Acq: 11 Aug 2019 15:52

Tgt Ion: 65 Resp: 107677
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.6

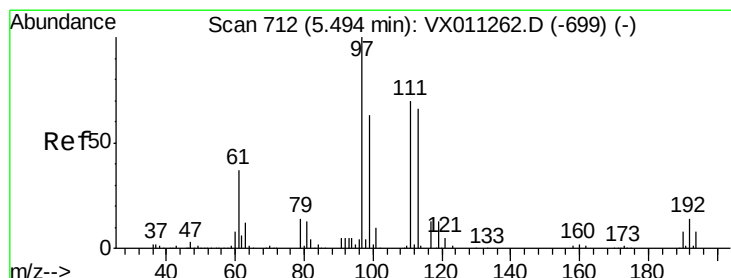
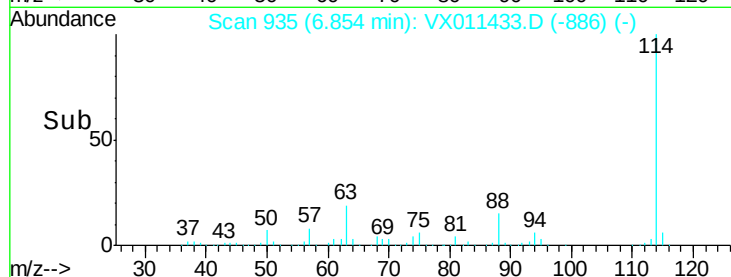
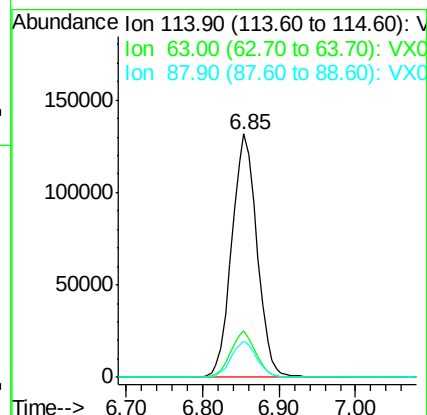
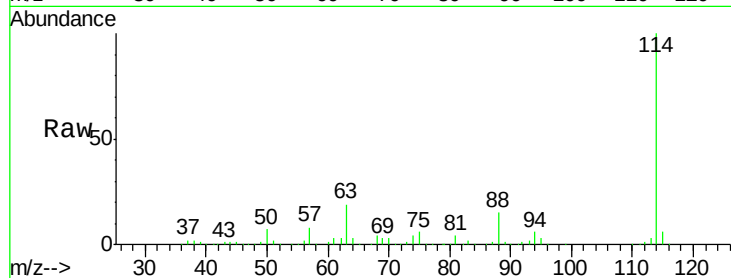




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011433.D
Acq: 11 Aug 2019 15:52

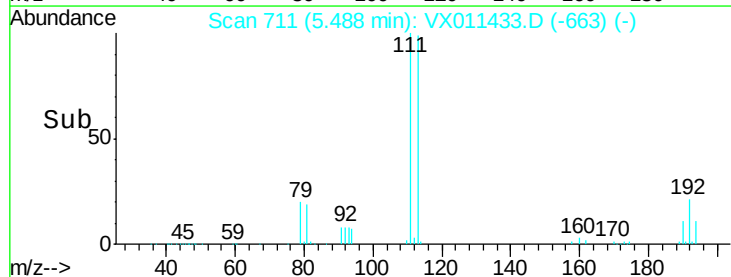
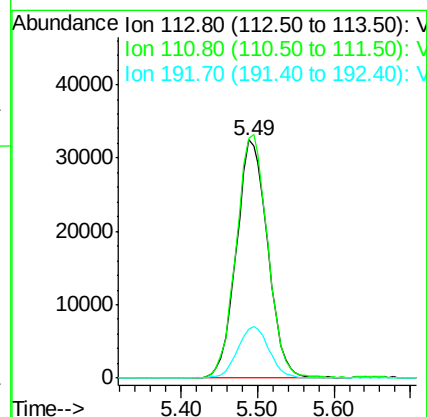
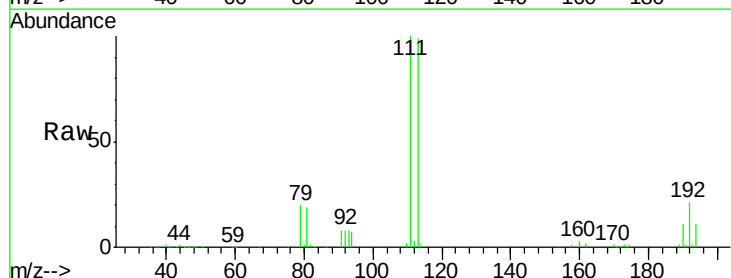
Instrument :
MSVOA_X
ClientSampleId :
1S-N-(1)

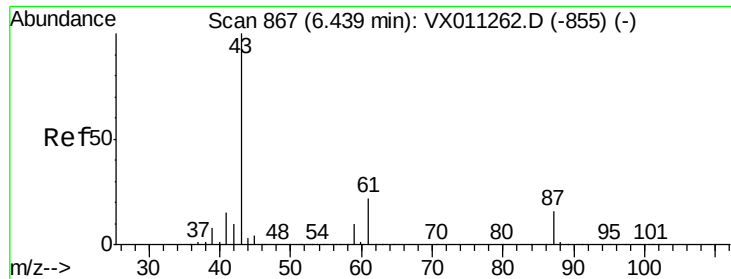
Tot Ion:114 Resp: 300674
Ion Ratio Lower Upper
114 100
63 18.8 0.0 34.0
88 14.8 0.0 26.4



#35
Dibromofluoromethane
Concen: 47.014 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011433.D
Acq: 11 Aug 2019 15:52

Tgt Ion:113 Resp: 92291
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 21.7 17.8 26.8





#43

Isopropyl Acetate

Concen: 2.017 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011433.D

Acq: 11 Aug 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

1S-N(1)

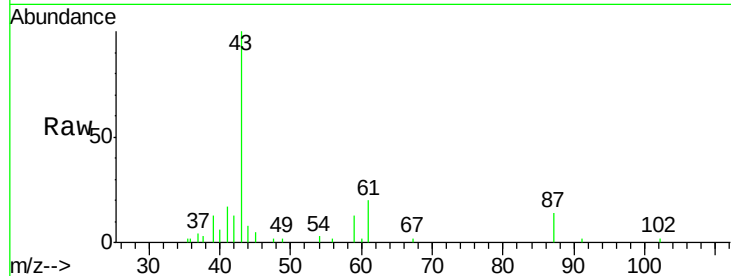
Tot Ion: 43 Resp: 8492

Ion Ratio Lower Upper

43 100

61 19.5 16.5 24.7

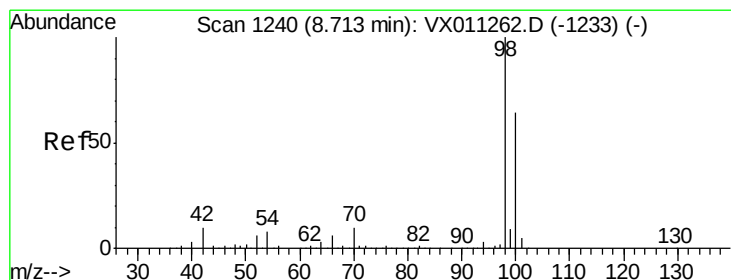
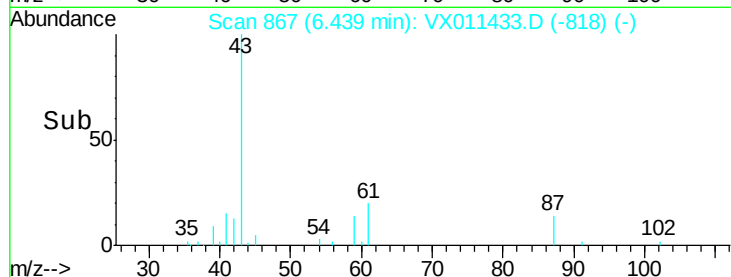
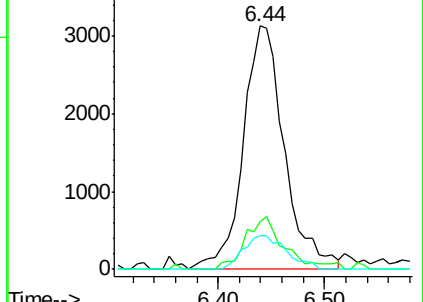
87 14.5 12.1 18.1



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: 48.616 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011433.D

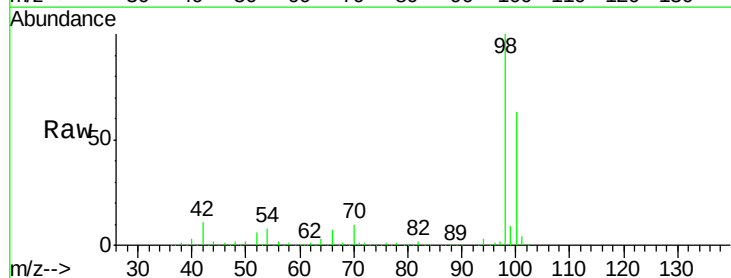
Acq: 11 Aug 2019 15:52

Tgt Ion: 98 Resp: 360235

Ion Ratio Lower Upper

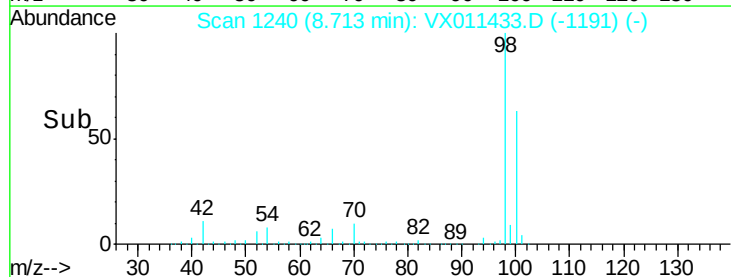
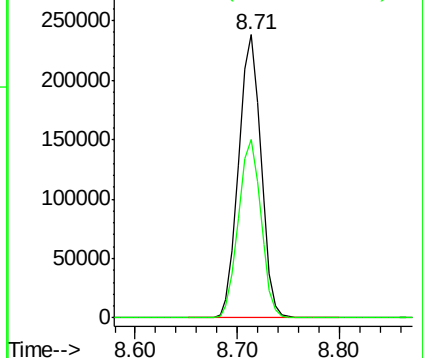
98 100

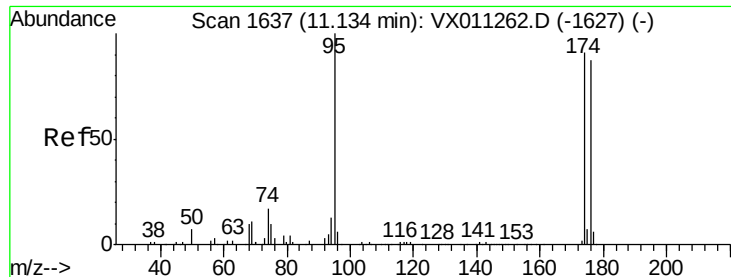
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.276 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011433.D

Acq: 11 Aug 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

1S-N(1)

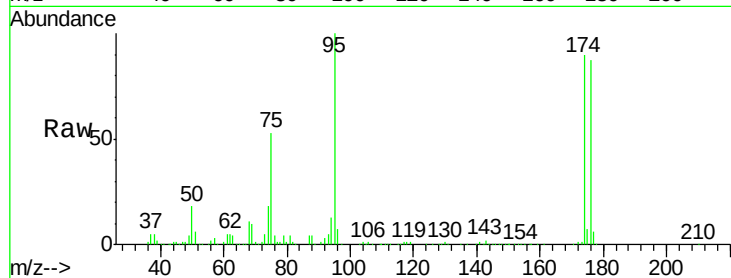
Tot Ion: 95 Resp: 119778

Ion Ratio Lower Upper

95 100

174 91.1 0.0 191.2

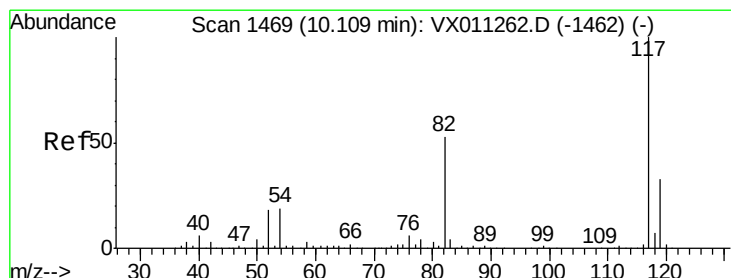
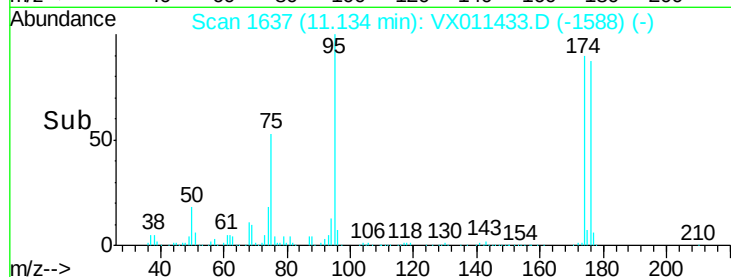
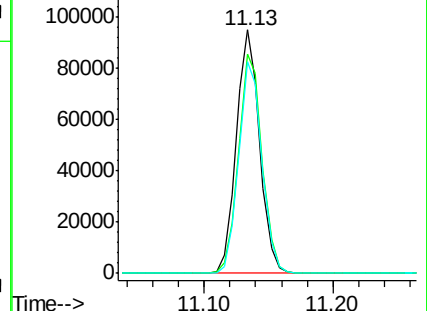
176 87.2 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011433.D

Acq: 11 Aug 2019 15:52

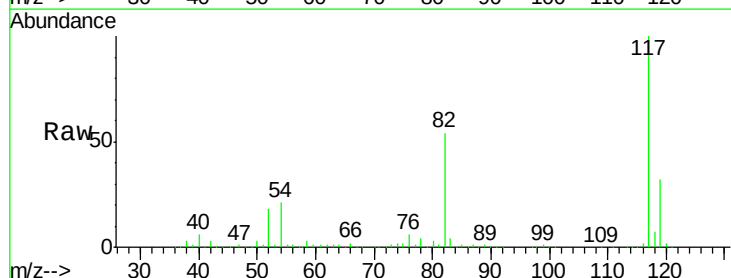
Tgt Ion: 117 Resp: 274827

Ion Ratio Lower Upper

117 100

82 54.4 42.2 63.2

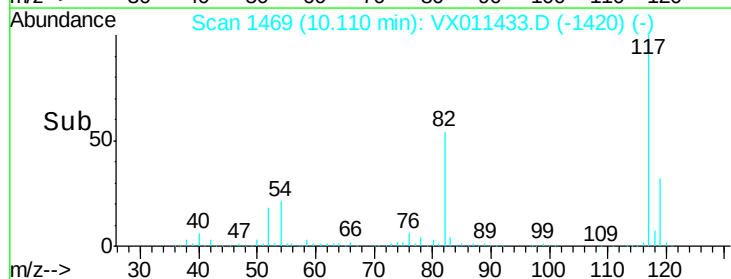
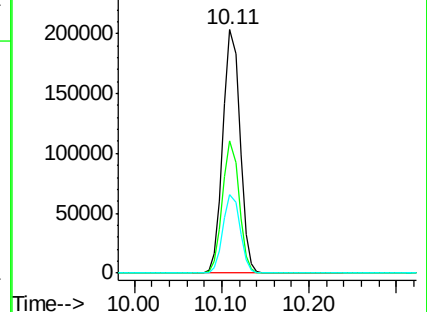
119 32.4 26.6 39.8

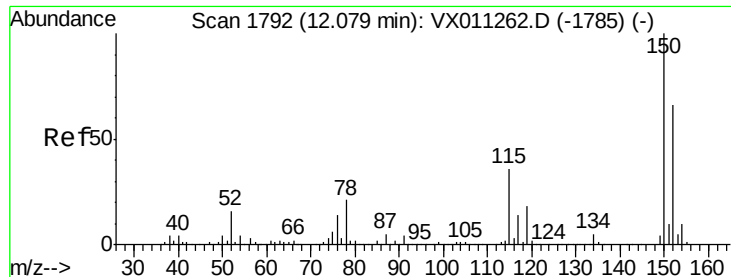


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



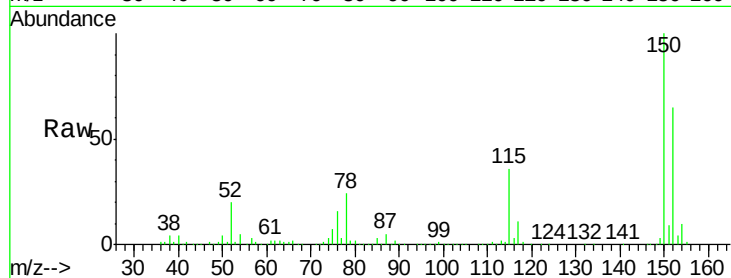


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011433.D
 Acq: 11 Aug 2019 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-N(1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	40.0	119.9
150	156.3	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

