

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011462.D
 Acq On : 12 Aug 2019 04:18
 Operator : JC/SP
 Sample : K4266-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-C4-(4.3)

Quant Time: Aug 12 09:16:44 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

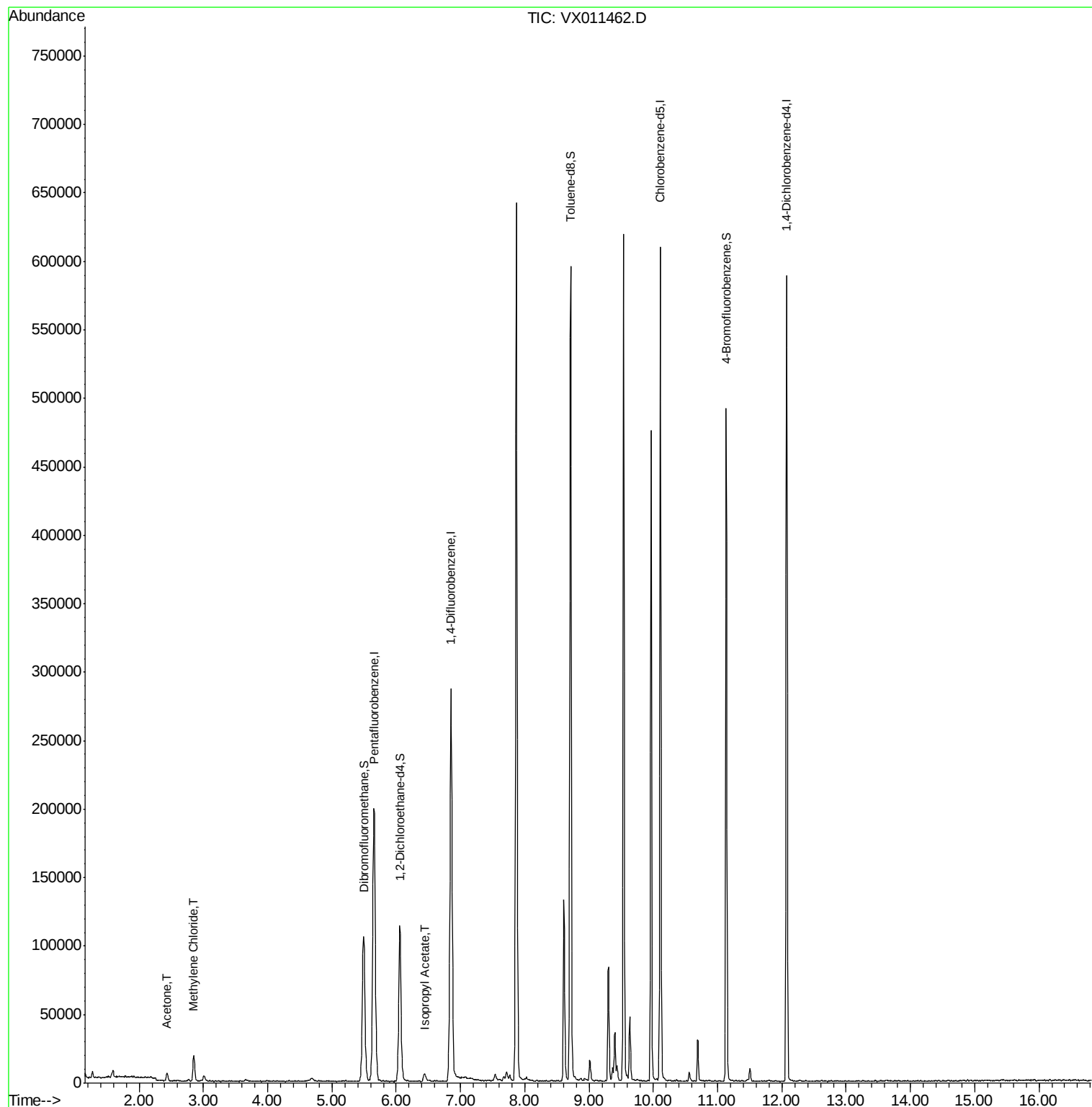
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	195582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107359	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
35) Dibromofluoromethane	5.49	113	90081	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	8.71	98	354887	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.13	95	118757	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
16) Acetone	2.43	43	5894	6.287	ug/l	92
20) Methylene Chloride	2.85	84	8659	4.217	ug/l	93
43) Isopropyl Acetate	6.45	43	8370	2.042	ug/l	99

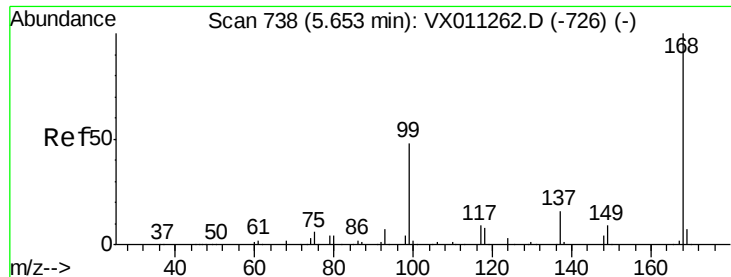
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011462.D

Acq: 12 Aug 2019 04:18

Instrument :

MSVOA_X

ClientSampleId :

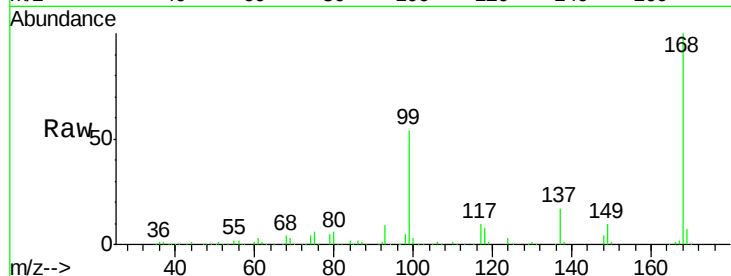
R1-R2-C1-C4-(4.3)

Tot Ion:168 Resp: 195582

Ion Ratio Lower Upper

168 100

99 53.5 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

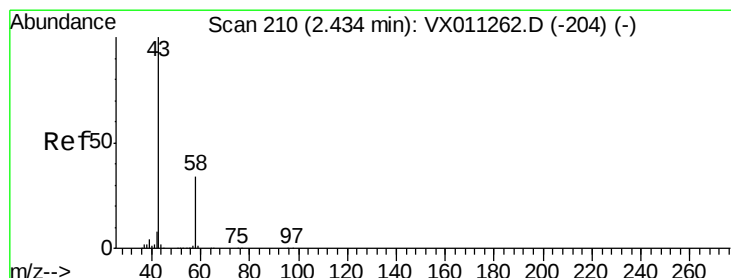
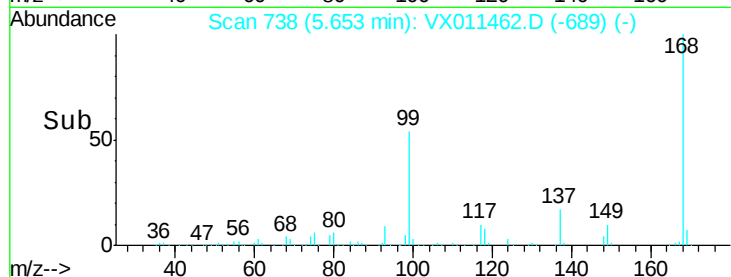
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.287 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011462.D

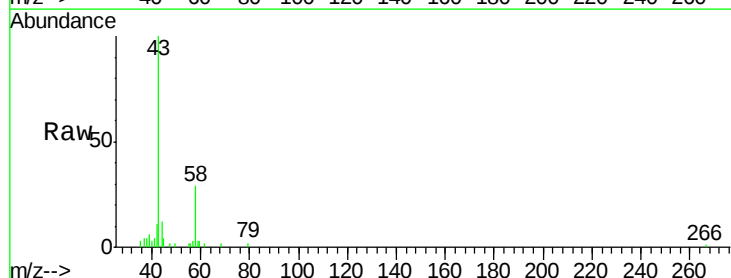
Acq: 12 Aug 2019 04:18

Tgt Ion: 43 Resp: 5894

Ion Ratio Lower Upper

43 100

58 29.8 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

4000

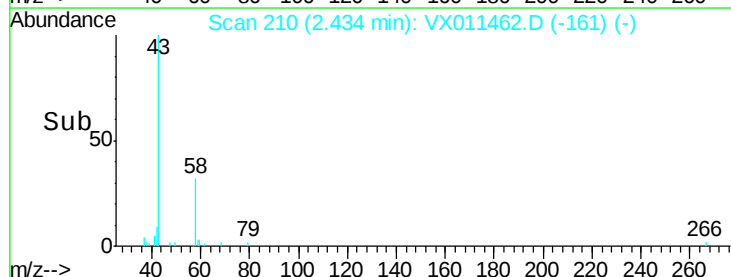
3000

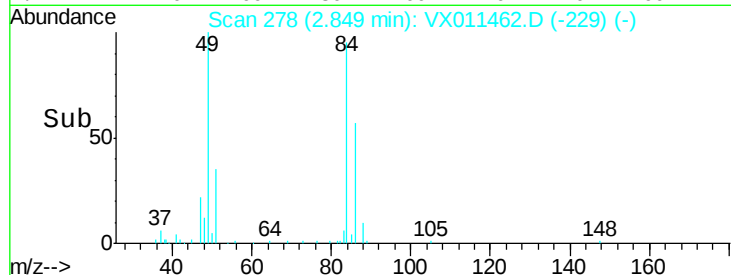
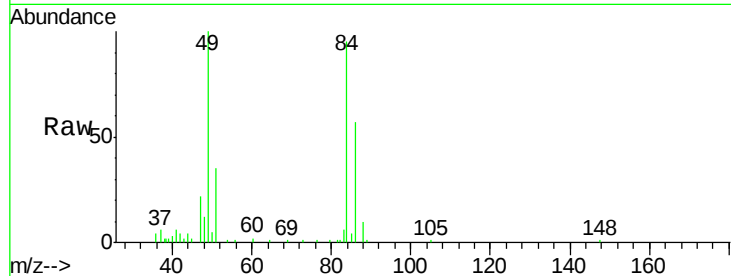
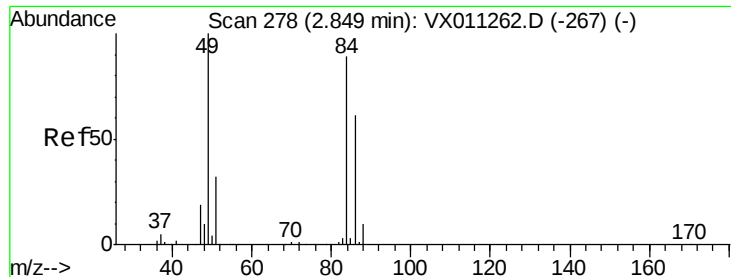
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

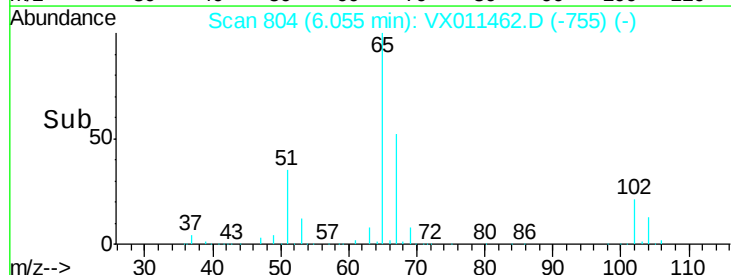
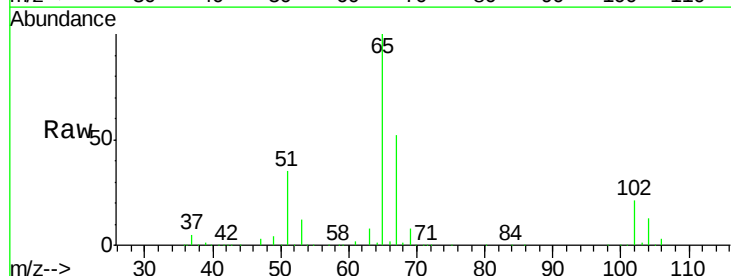
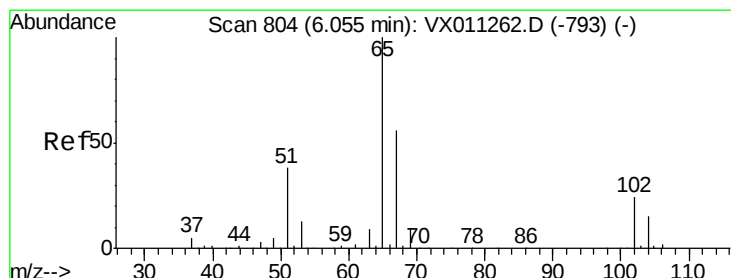
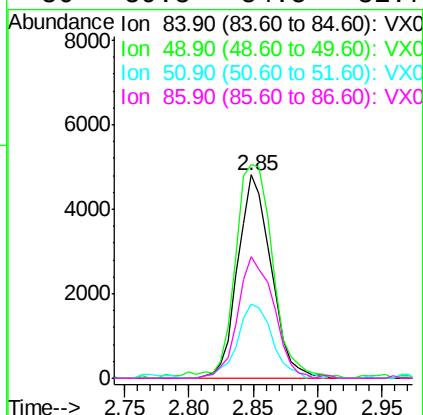




#20
Methylene Chloride
Concen: 4.217 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011462.D
Acq: 12 Aug 2019 04:18

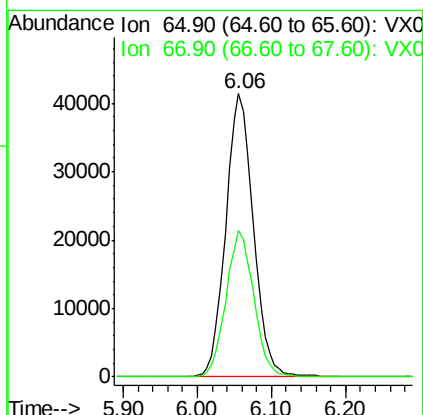
Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C1-C4-(4.3)

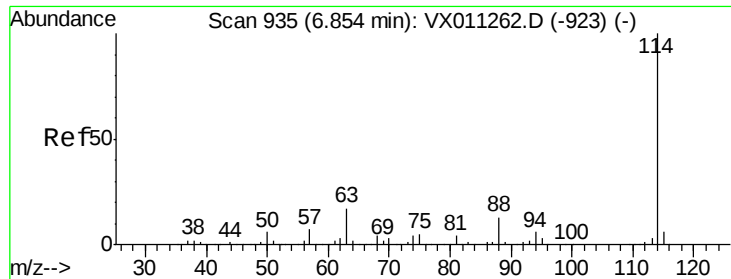
Tot Ion:	84	Resp:	8659
Ion	Ratio	Lower	Upper
84	100		
49	103.8	89.3	133.9
51	36.7	28.3	42.5
86	59.8	54.5	81.7



#33
1,2-Dichloroethane-d4
Concen: 54.508 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011462.D
Acq: 12 Aug 2019 04:18

Tgt Ion:	65	Resp:	107359
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	110.6

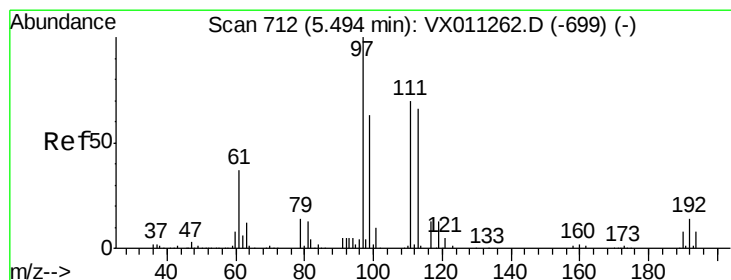
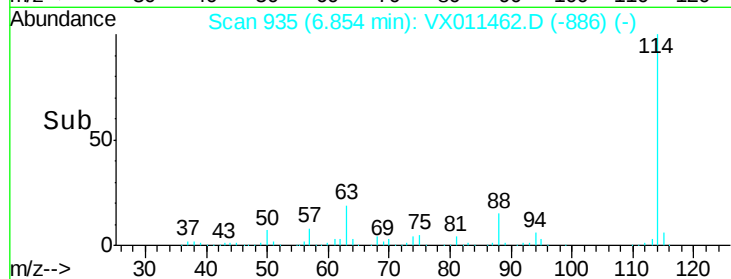
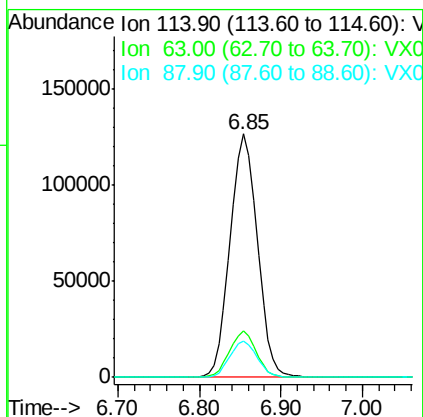
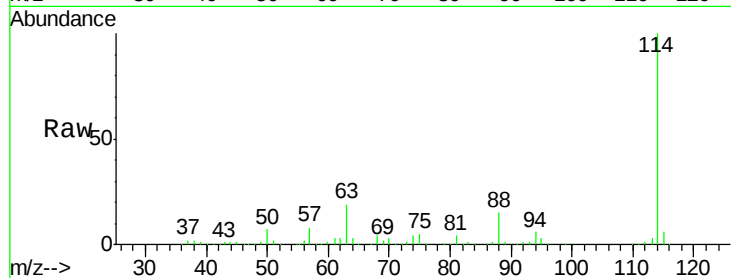




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011462.D
 Acq: 12 Aug 2019 04:18

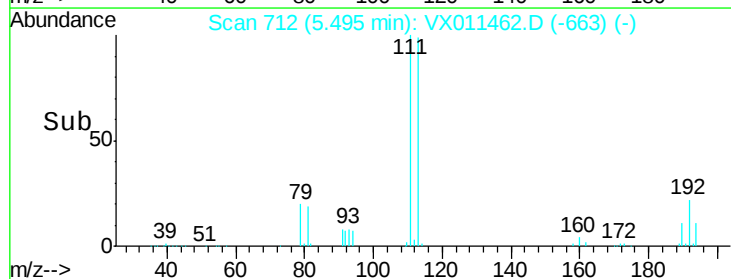
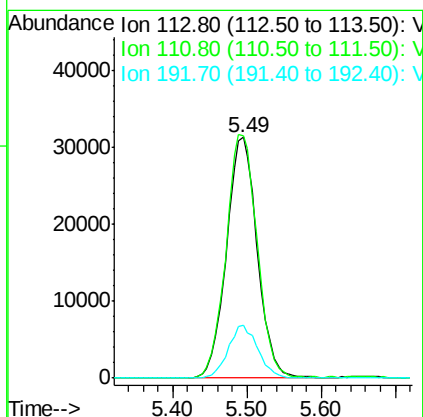
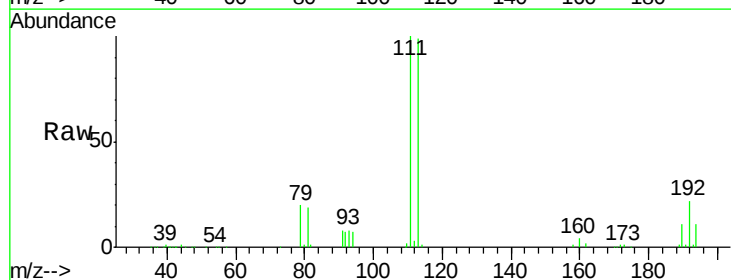
Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-C4-(4.3)

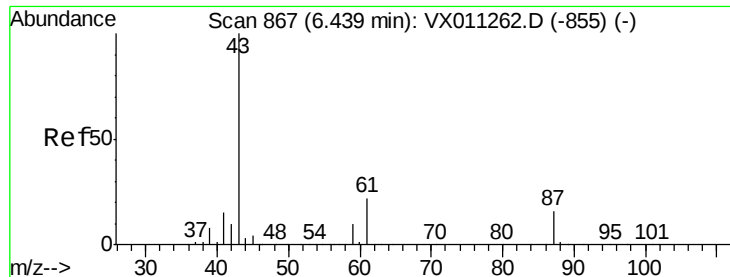
Tot Ion:114 Resp: 292674
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 34.0
 88 14.7 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 47.143 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011462.D
 Acq: 12 Aug 2019 04:18

Tgt Ion:113 Resp: 90081
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 21.3 17.8 26.8





#43

Isopropyl Acetate

Concen: 2.042 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011462.D

Acq: 12 Aug 2019 04:18

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-C1-C4-(4.3)

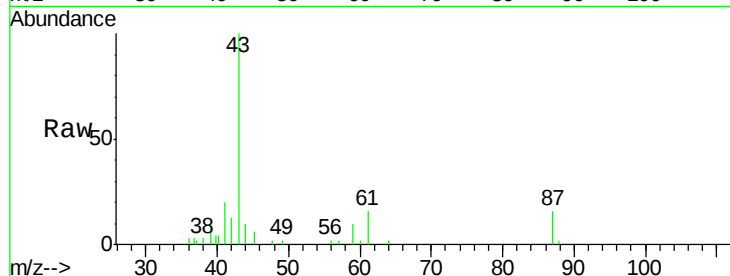
Tot Ion: 43 Resp: 8370

Ion Ratio Lower Upper

43 100

61 21.6 16.5 24.7

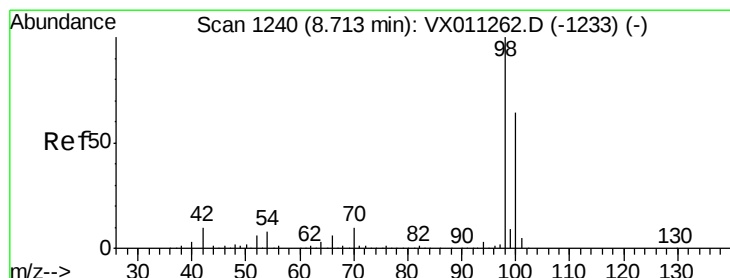
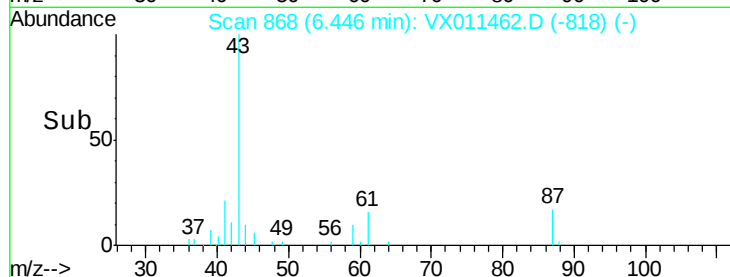
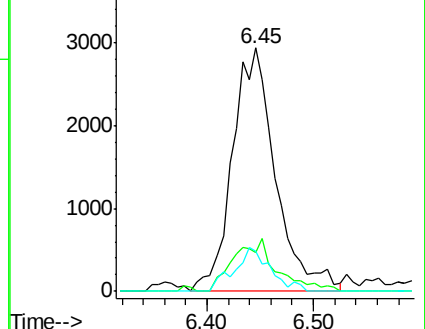
87 15.1 12.1 18.1



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: 49.203 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011462.D

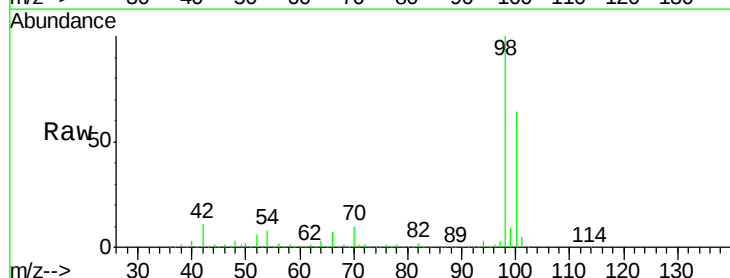
Acq: 12 Aug 2019 04:18

Tgt Ion: 98 Resp: 354887

Ion Ratio Lower Upper

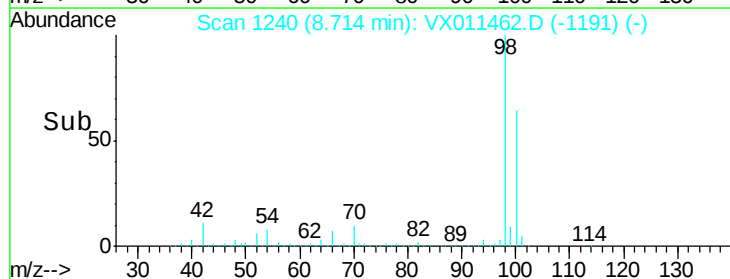
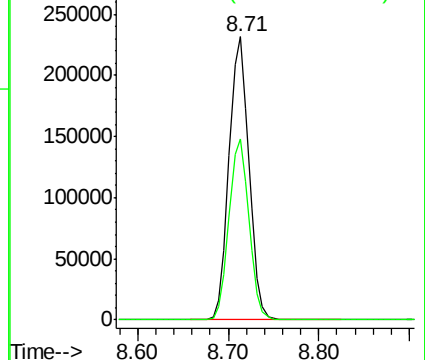
98 100

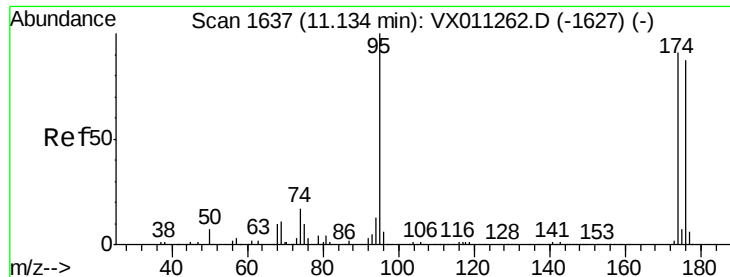
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.117 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011462.D

Acq: 12 Aug 2019 04:18

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-C1-C4-(4.3)

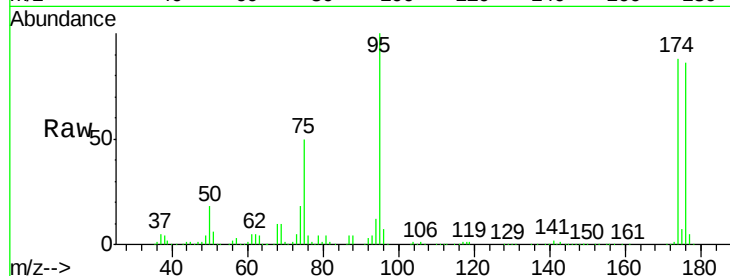
Tot Ion: 95 Resp: 118757

Ion Ratio Lower Upper

95 100

174 90.6 0.0 191.2

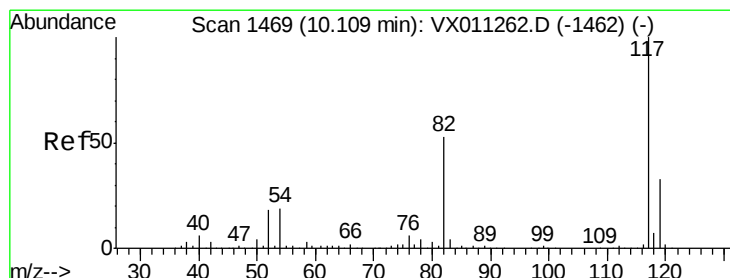
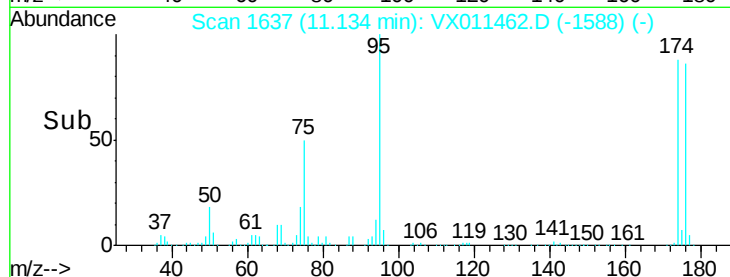
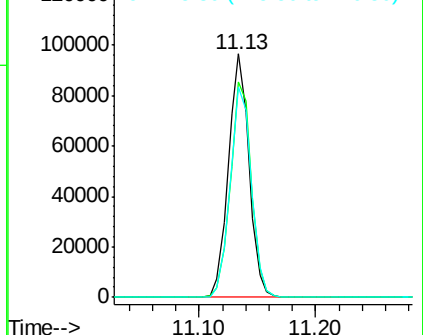
176 89.2 0.0 184.8



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: VX011462.D

Acq: 12 Aug 2019 04:18

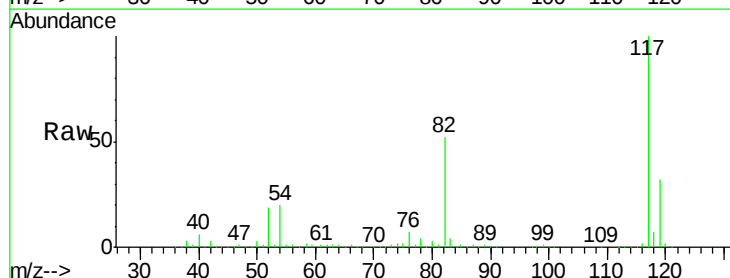
Tgt Ion: 117 Resp: 274292

Ion Ratio Lower Upper

117 100

82 52.1 42.2 63.2

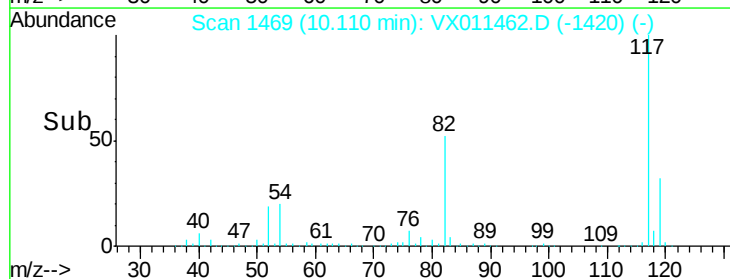
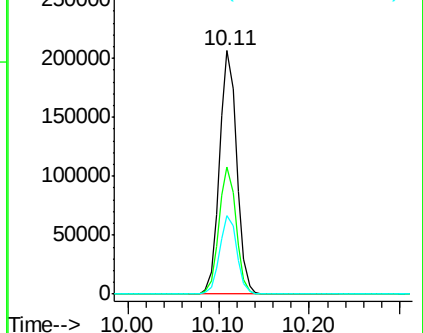
119 32.1 26.6 39.8

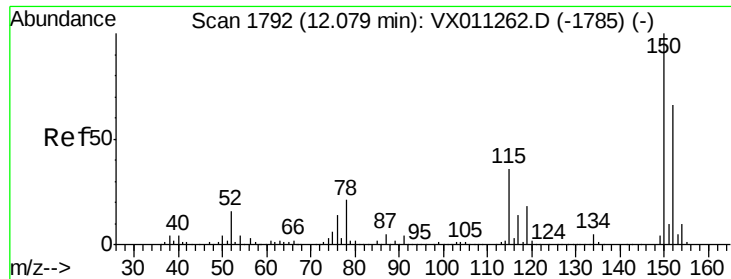


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX011462.D

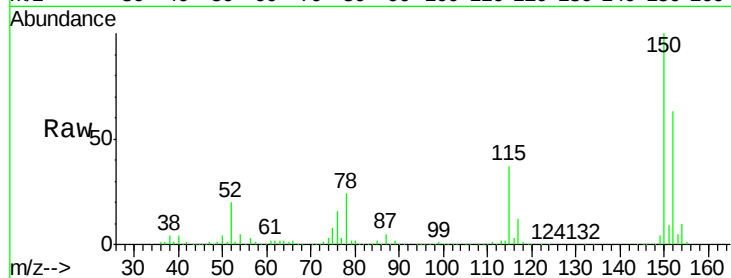
Acq: 12 Aug 2019 04:18

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-C1-C4-(4.3)



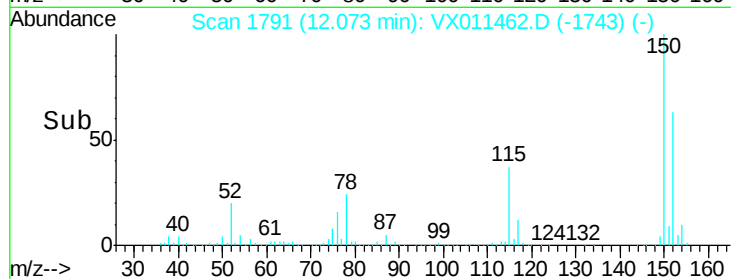
Tot Ion:152 Resp: 123890

Ion Ratio Lower Upper

152 100

115 56.4 40.0 119.9

150 158.1 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

