

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011509.D
 Acq On : 13 Aug 2019 02:00
 Operator : JC/SP
 Sample : K4230-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-A4-(1)

Quant Time: Aug 13 09:22:22 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

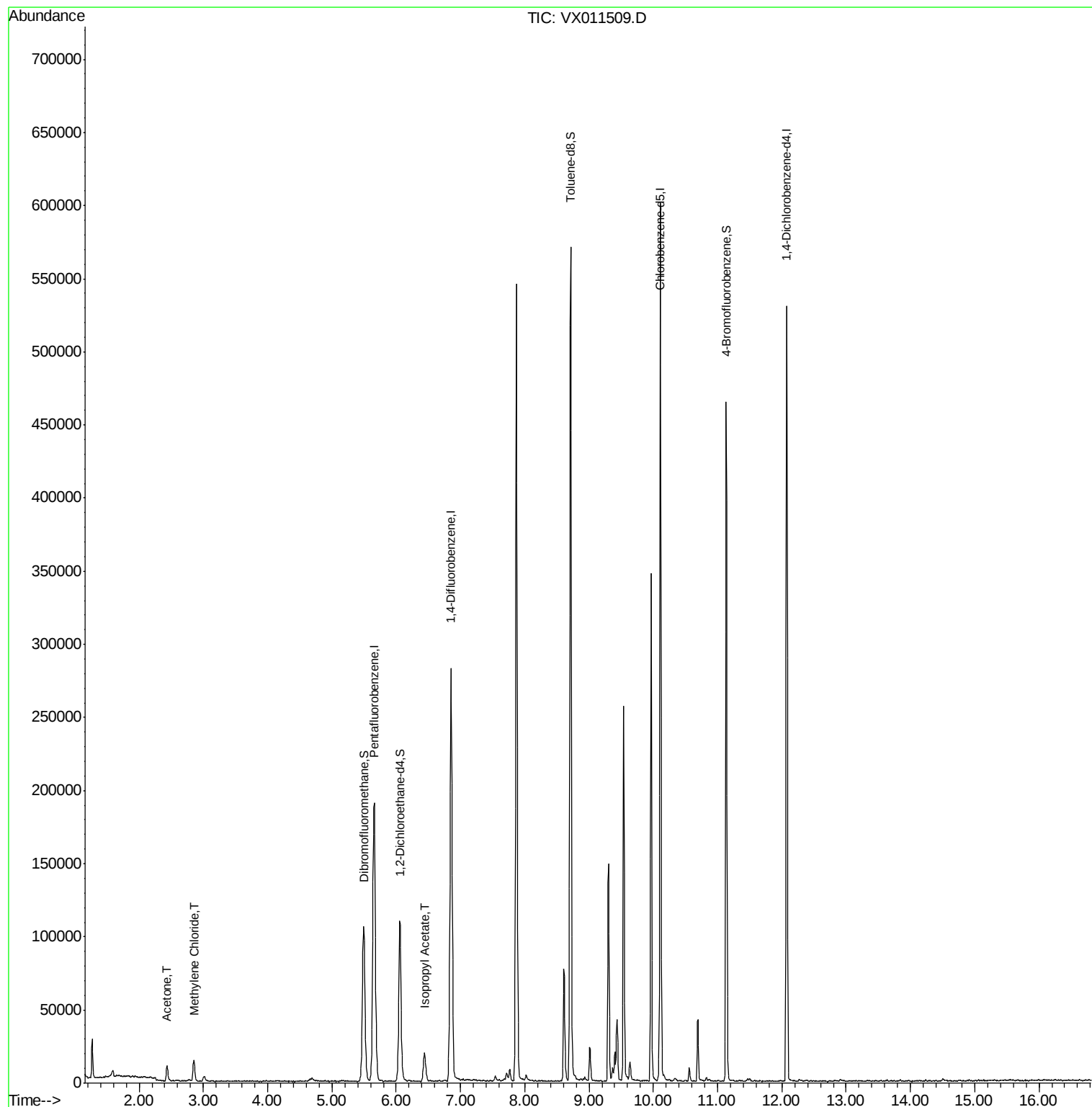
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	187378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105481	55.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.80%	
35) Dibromofluoromethane	5.49	113	87143	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	8.71	98	338890	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	11.13	95	113050	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
Target Compounds						
16) Acetone	2.43	43	10588	11.788	ug/l	94
20) Methylene Chloride	2.85	84	6909	3.512	ug/l	99
43) Isopropyl Acetate	6.44	43	26267	6.601	ug/l	98

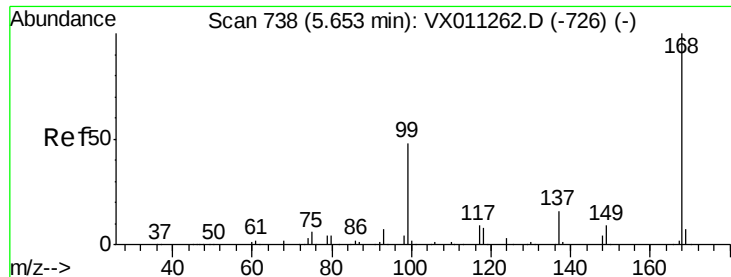
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011509.D

Acq: 13 Aug 2019 02:00

Instrument :

MSVOA_X

ClientSampleId :

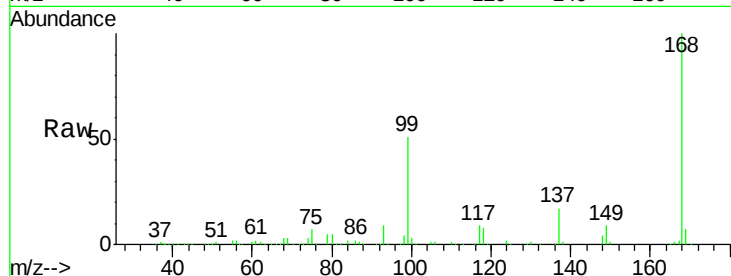
2S-A4-(1)

Tot Ion:168 Resp: 187378

Ion Ratio Lower Upper

168 100

99 50.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

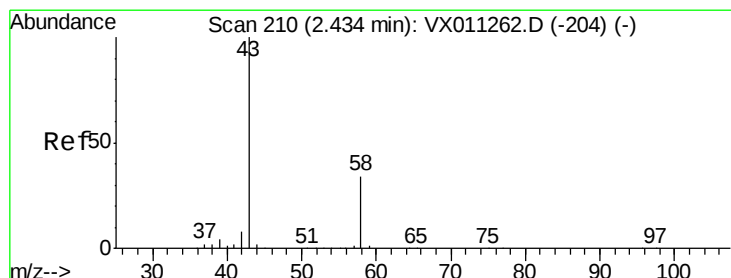
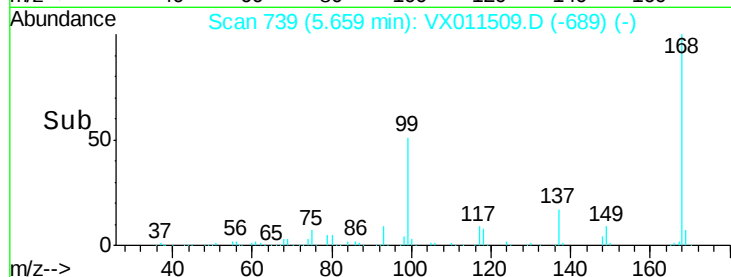
40000

20000

0

5.60 5.70

Time-->



#16

Acetone

Concen: 11.788 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011509.D

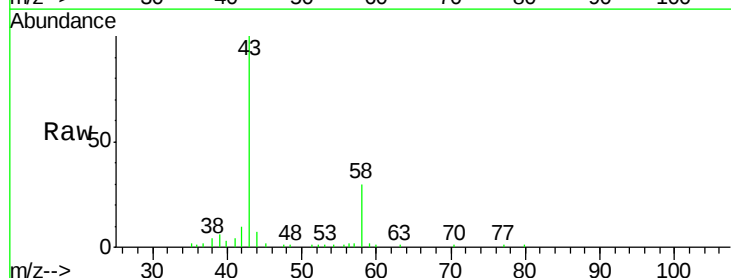
Acq: 13 Aug 2019 02:00

Tgt Ion: 43 Resp: 10588

Ion Ratio Lower Upper

43 100

58 30.8 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

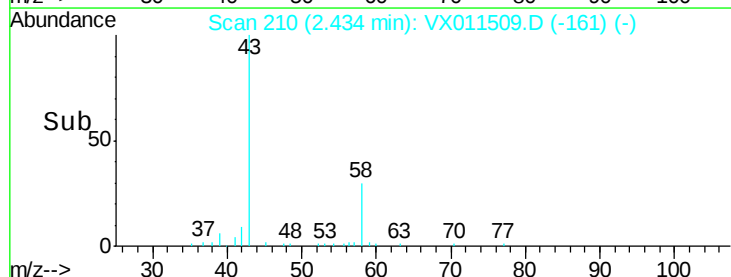
4000

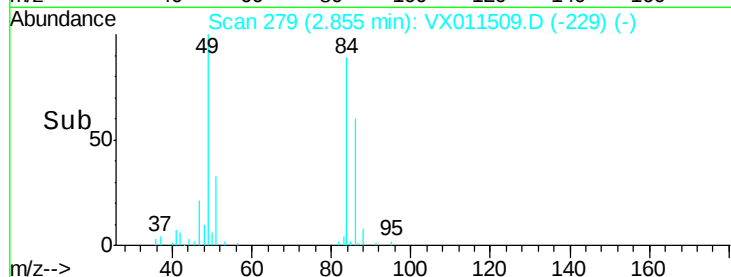
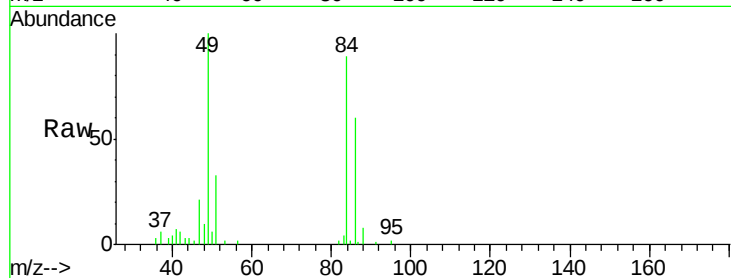
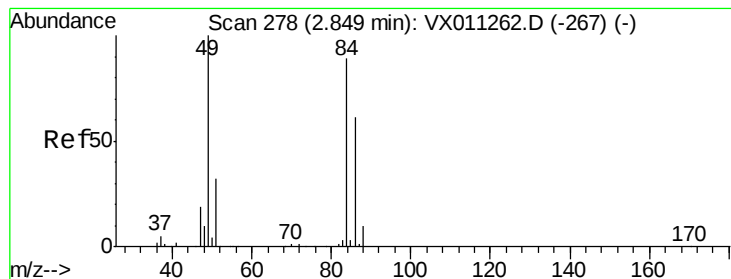
2000

0

2.35 2.40 2.45 2.50

Time-->





#20

Methylene Chloride

Concen: 3.512 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011509.D

Acq: 13 Aug 2019 02:00

Instrument :

MSVOA_X

ClientSampleId :

2S-A4-(1)

Tot Ion: 84 Resp: 6909

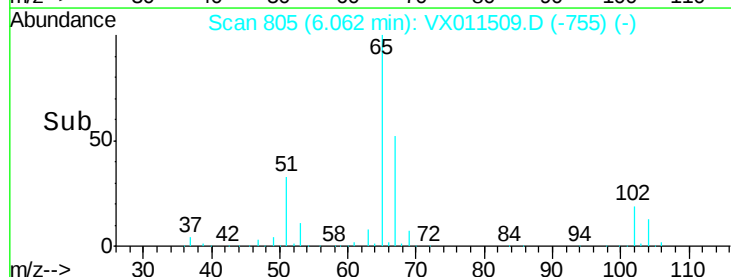
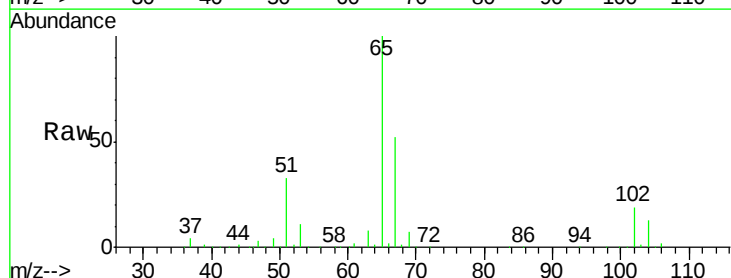
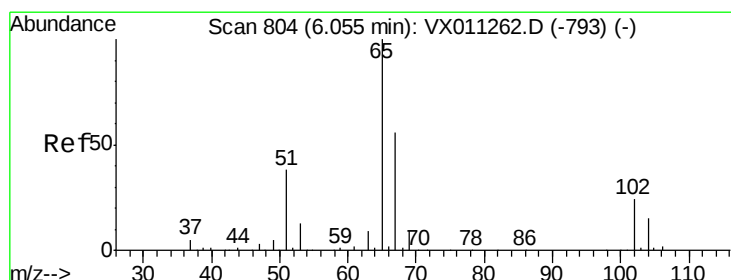
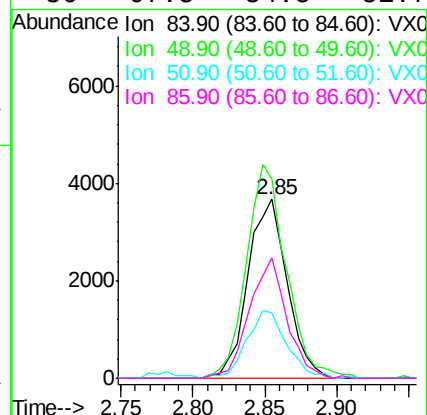
Ion	Ratio	Lower	Upper
84	100		
49	111.8	89.3	133.9
51	36.5	28.3	42.5
86	67.5	54.5	81.7

84 100

49 111.8 89.3 133.9

51 36.5 28.3 42.5

86 67.5 54.5 81.7



#33

1,2-Dichloroethane-d4

Concen: 55.899 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX011509.D

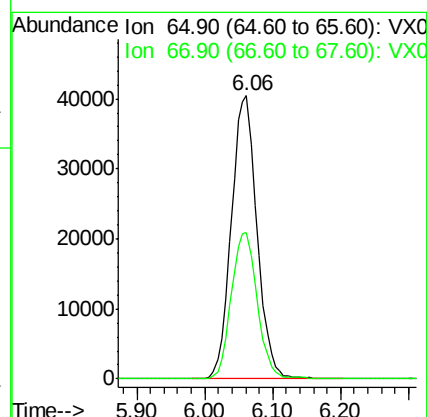
Acq: 13 Aug 2019 02:00

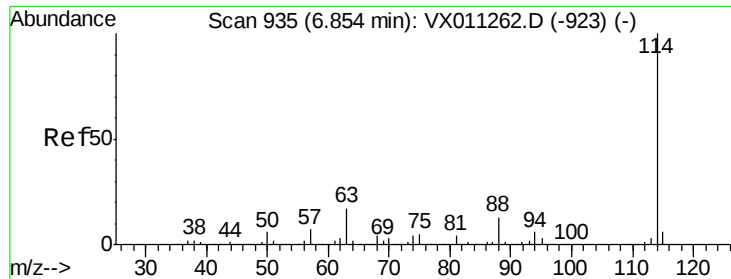
Tgt Ion: 65 Resp: 105481

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	110.6

65 100

67 52.4 0.0 110.6

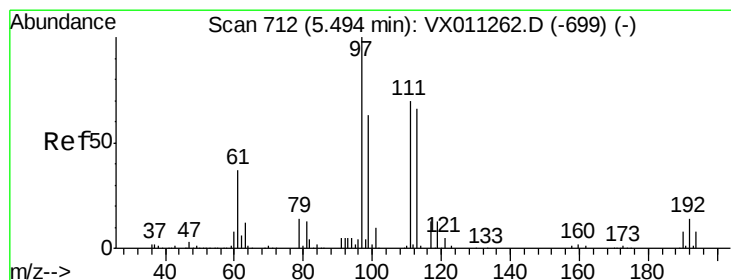
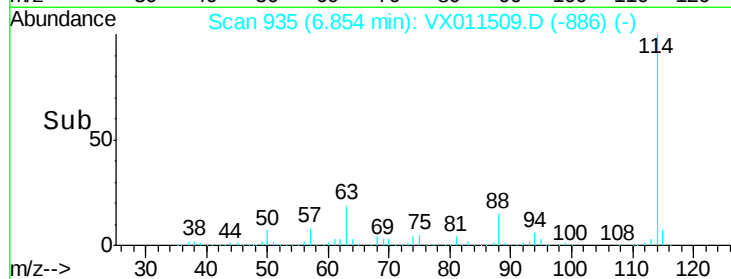
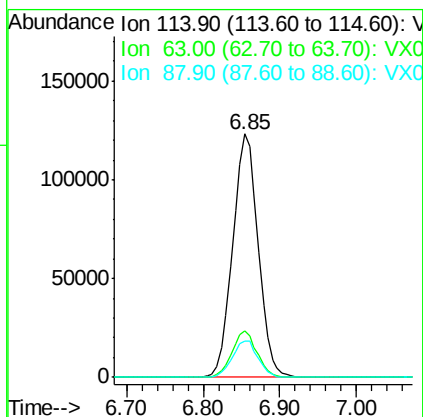
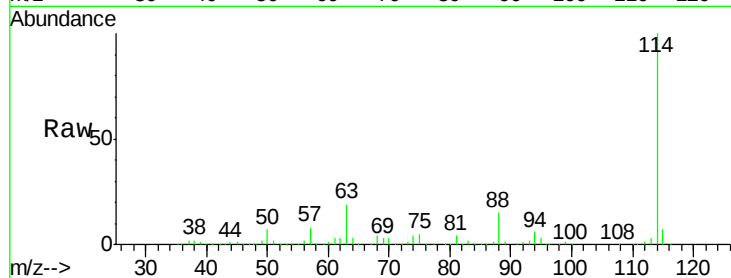




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011509.D
 Acq: 13 Aug 2019 02:00

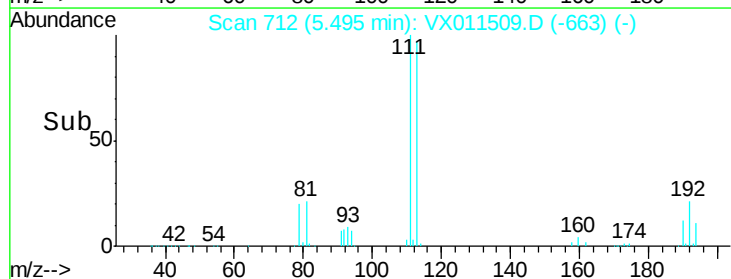
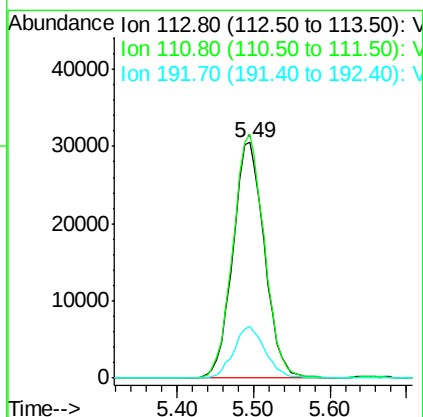
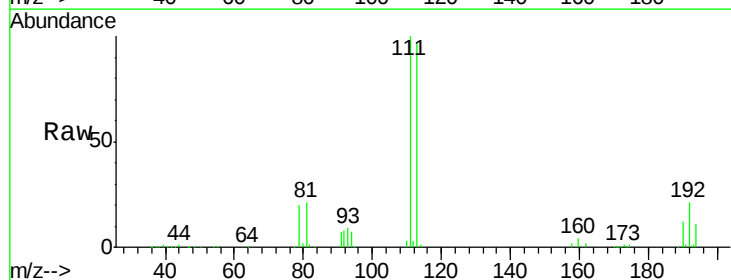
Instrument :
 MSVOA_X
 ClientSampleId :
 2S-A4-(1)

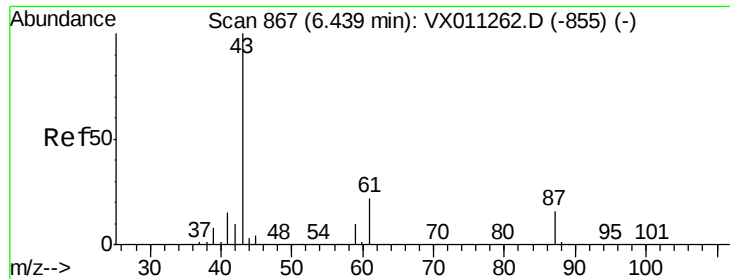
Tot Ion:114 Resp: 284183
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 34.0
 88 15.0 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 46.968 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011509.D
 Acq: 13 Aug 2019 02:00

Tgt Ion:113 Resp: 87143
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.9 122.9
 192 21.8 17.8 26.8





#43

Isopropyl Acetate

Concen: 6.601 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011509.D

Acq: 13 Aug 2019 02:00

Instrument :

MSVOA_X

ClientSampled :

2S-A4-(1)

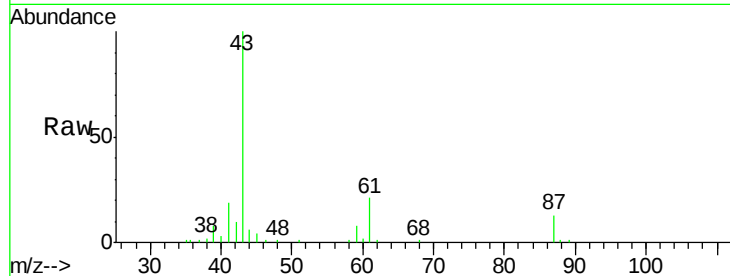
Tot Ion: 43 Resp: 26267

Ion Ratio Lower Upper

43 100

61 21.8 16.5 24.7

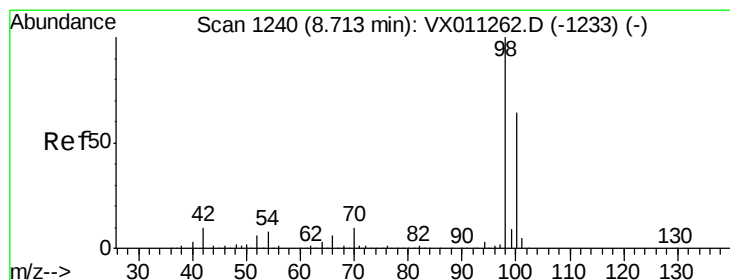
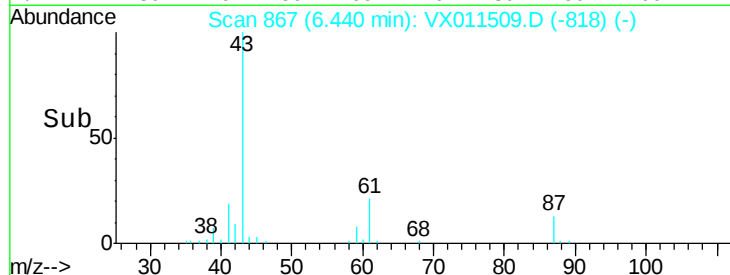
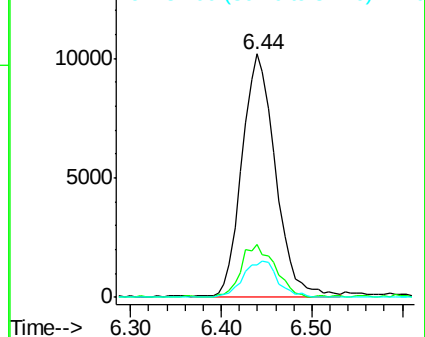
87 15.2 12.1 18.1



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: 48.389 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011509.D

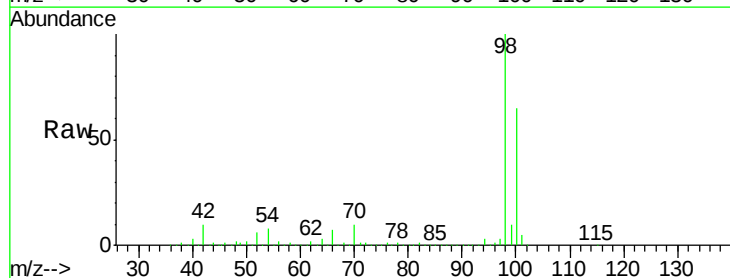
Acq: 13 Aug 2019 02:00

Tgt Ion: 98 Resp: 338890

Ion Ratio Lower Upper

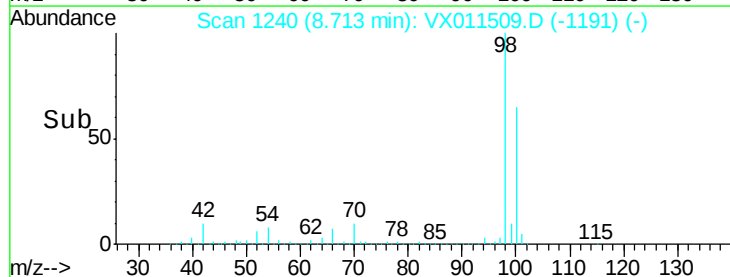
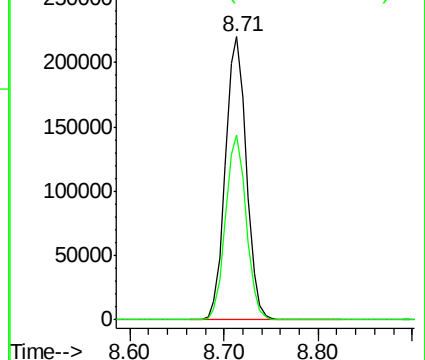
98 100

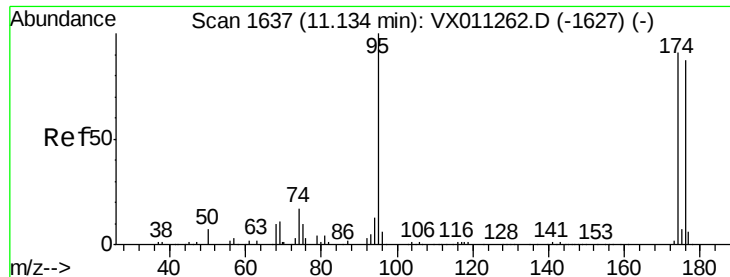
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

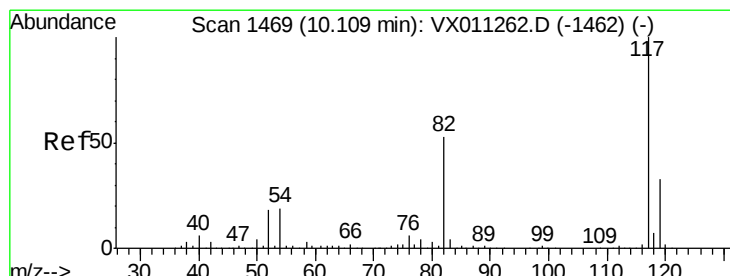
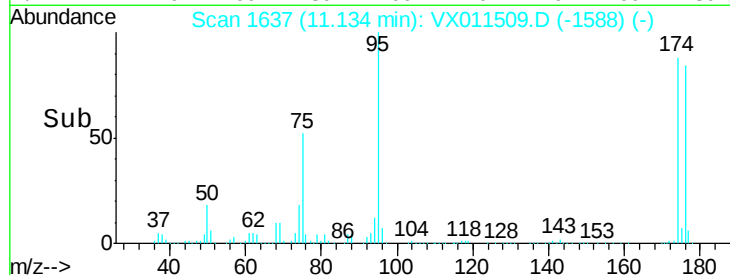
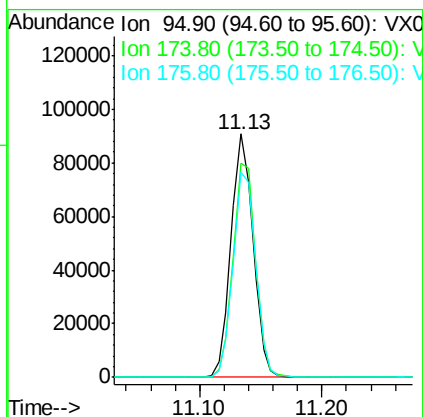
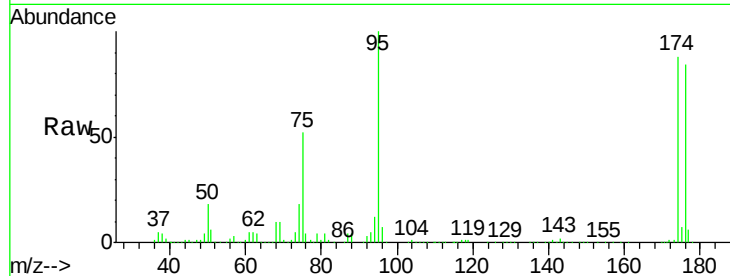




#62
4-Bromofluorobenzene
Concen: 45.212 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011509.D
Acq: 13 Aug 2019 02:00

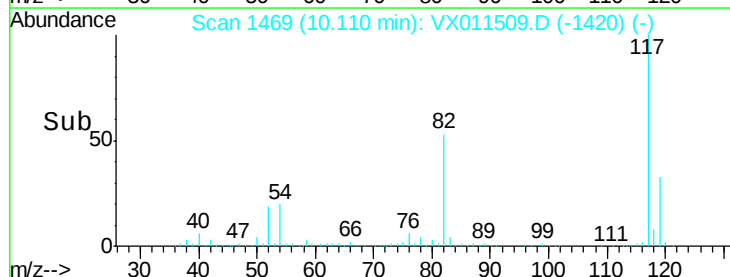
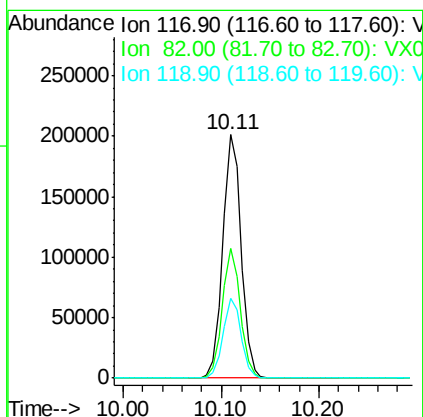
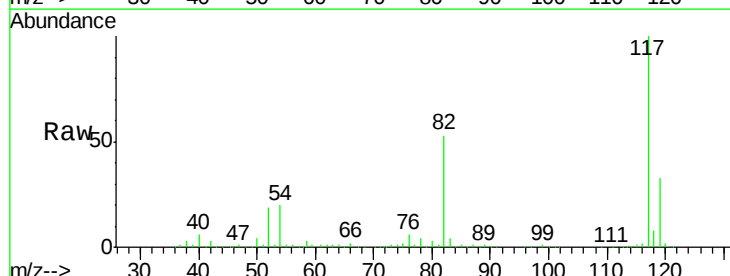
Instrument :
MSVOA_X
ClientSampleId :
2S-A4-(1)

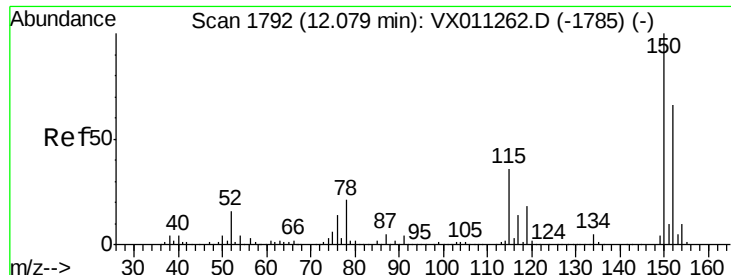
Tot Ion: 95 Resp: 113050
Ion Ratio Lower Upper
95 100
174 90.1 0.0 191.2
176 86.2 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011509.D
Acq: 13 Aug 2019 02:00

Tgt Ion: 117 Resp: 263095
Ion Ratio Lower Upper
117 100
82 53.0 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: VX011509.D

Acq: 13 Aug 2019 02:00

Instrument :

MSVOA_X

ClientSampleId :

2S-A4-(1)

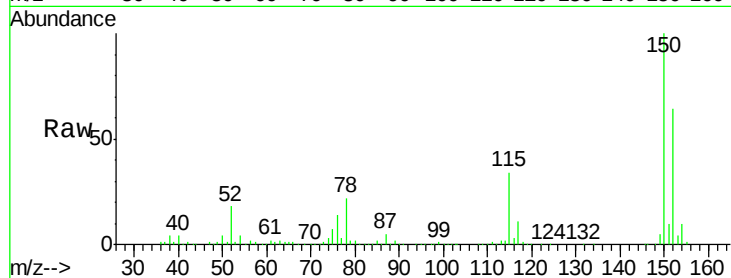
Tot Ion:152 Resp: 114697

Ion Ratio Lower Upper

152 100

115 56.3 40.0 119.9

150 157.4 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

