

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011468.D
 Acq On : 12 Aug 2019 06:38
 Operator : JC/SP
 Sample : K4230-28
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-D3-(1)

Quant Time: Aug 12 09:29:39 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

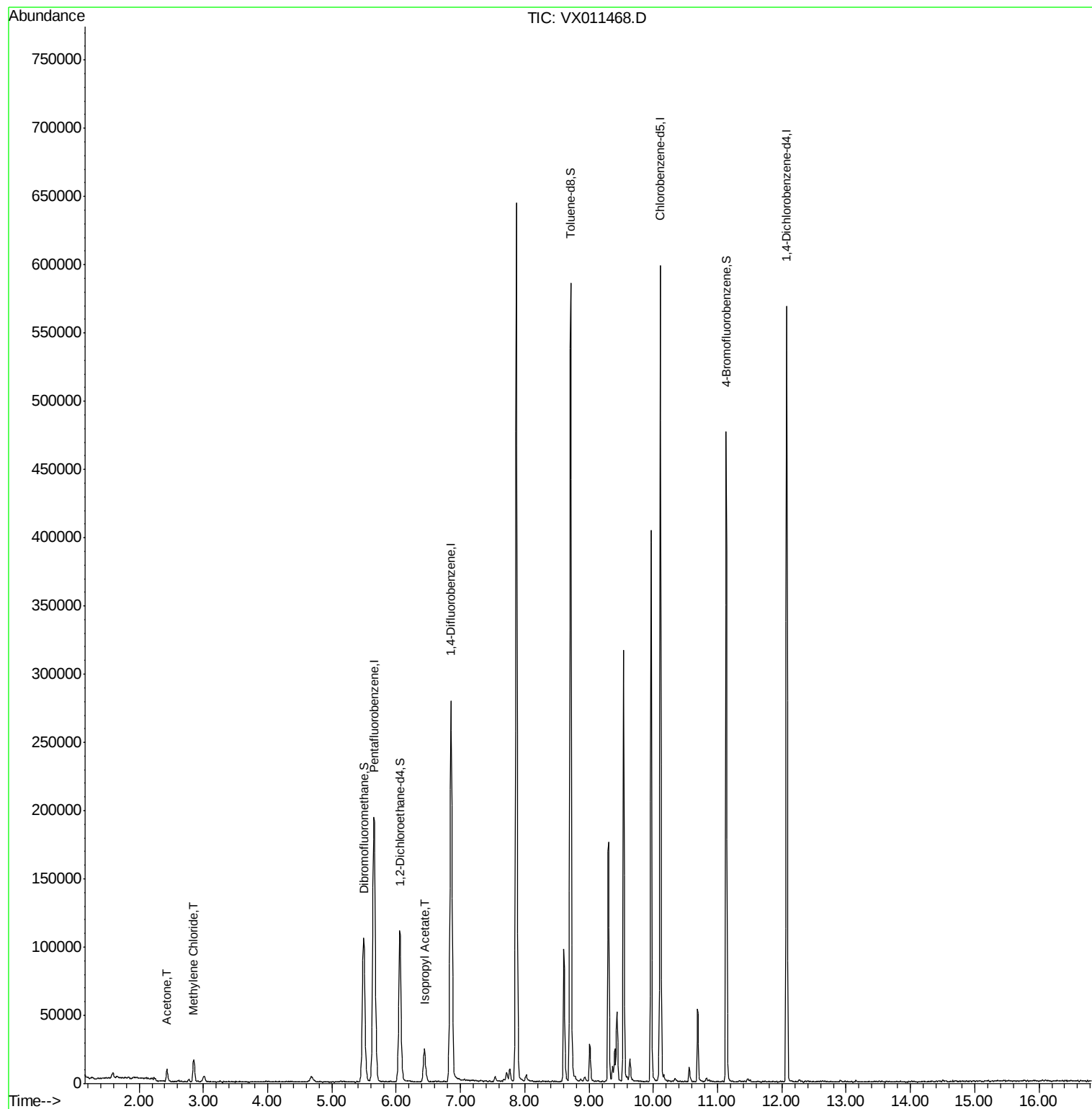
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105711	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
35) Dibromofluoromethane	5.49	113	88555	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
50) Toluene-d8	8.71	98	349268	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.13	95	115989	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
Target Compounds						
16) Acetone	2.43	43	8538	9.232	ug/l	96
20) Methylene Chloride	2.85	84	8031	3.965	ug/l	94
43) Isopropyl Acetate	6.44	43	31551	7.759	ug/l	98

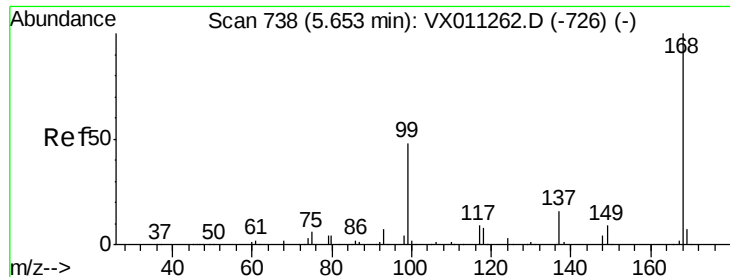
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011468.D

Acq: 12 Aug 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

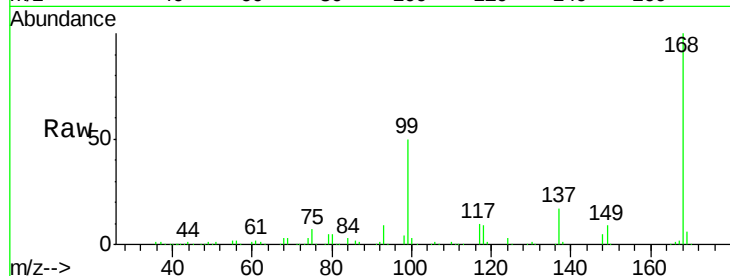
2S-D3-(1)

Tot Ion:168 Resp: 192940

Ion Ratio Lower Upper

168 100

99 50.0 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

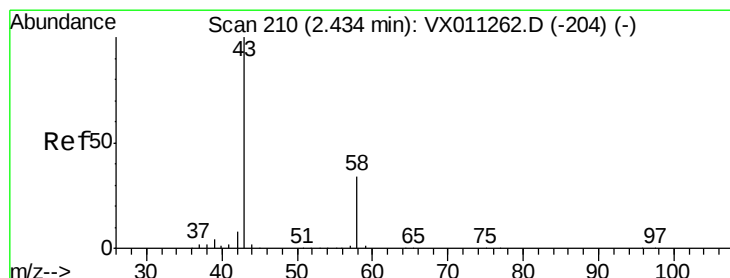
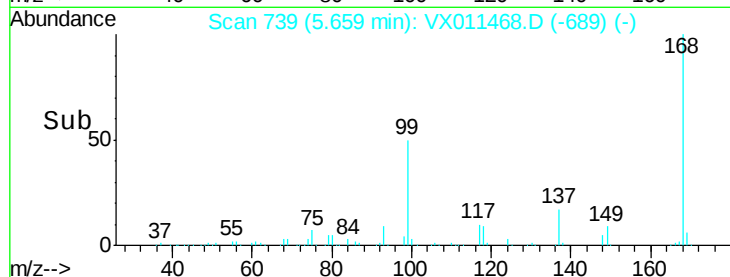
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.232 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011468.D

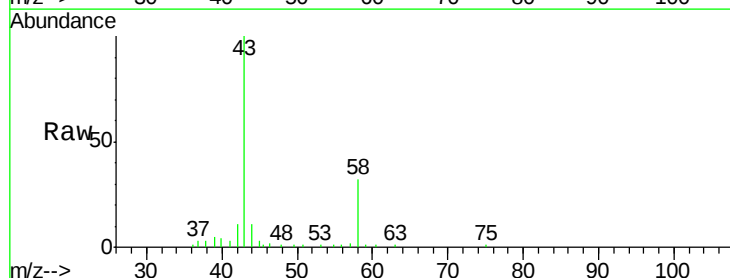
Acq: 12 Aug 2019 06:38

Tgt Ion: 43 Resp: 8538

Ion Ratio Lower Upper

43 100

58 32.0 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

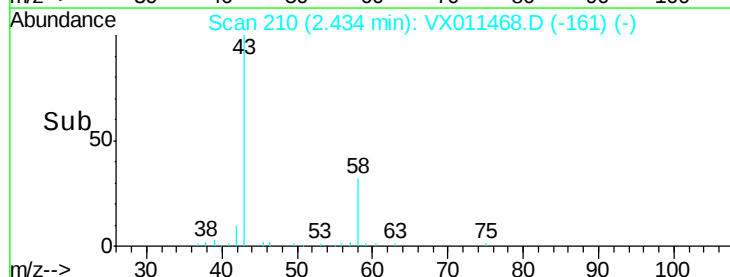
3000

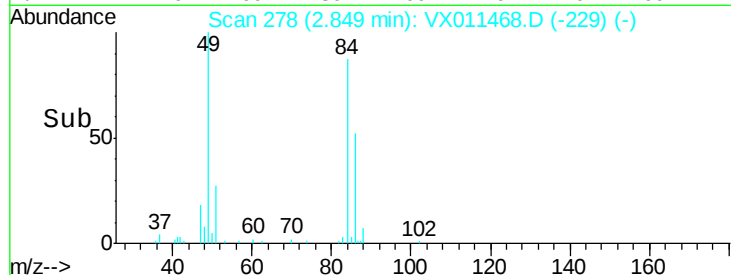
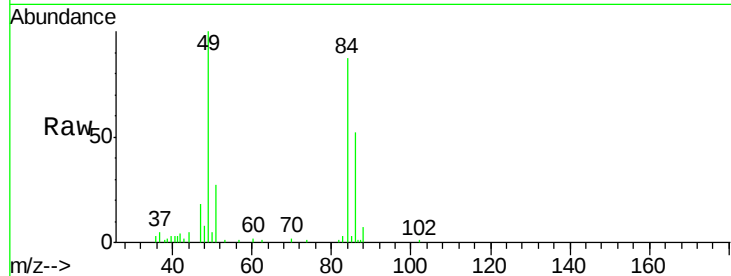
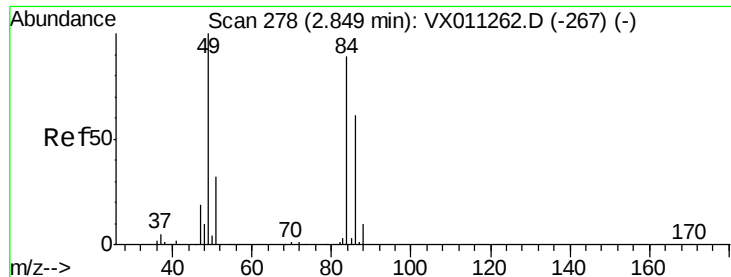
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

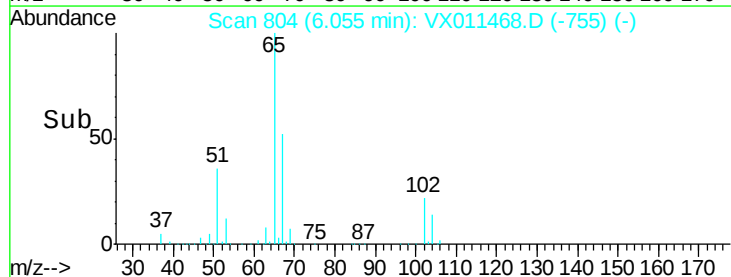
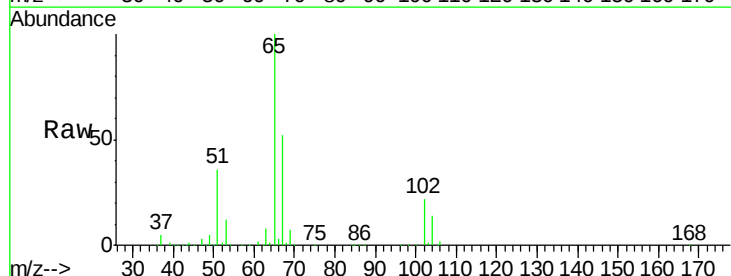
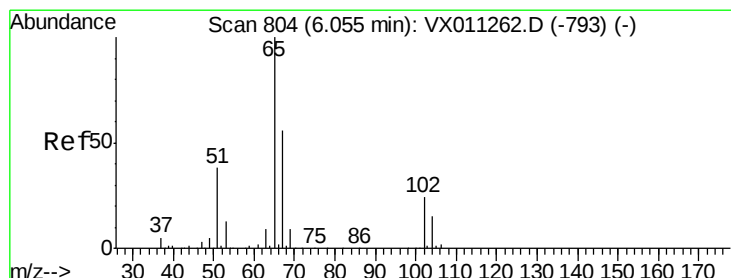
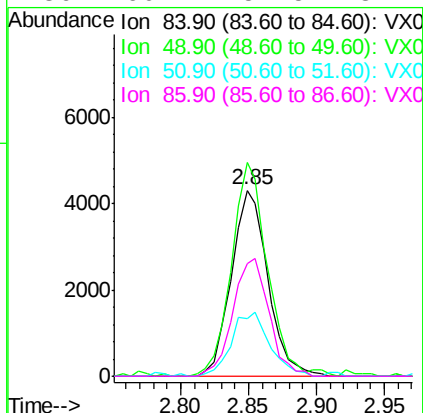




#20
Methylene Chloride
Concen: 3.965 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011468.D
Acq: 12 Aug 2019 06:38

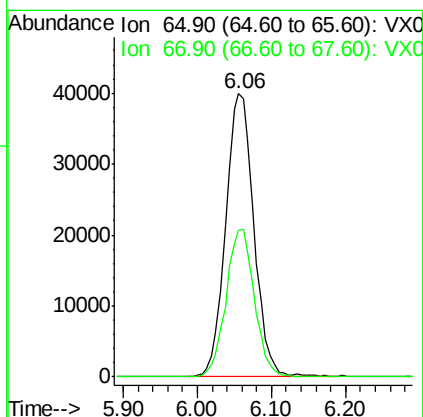
Instrument :
MSVOA_X
ClientSampleId :
2S-D3-(1)

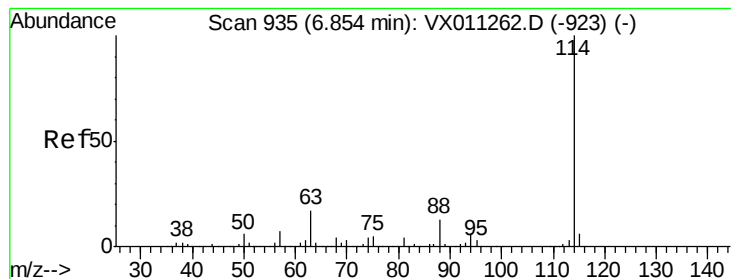
Tot Ion	84	Resp	8031
Ion	Ratio	Lower	Upper
84	100		
49	114.8	89.3	133.9
51	30.9	28.3	42.5
86	60.2	54.5	81.7



#33
1,2-Dichloroethane-d4
Concen: 54.406 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011468.D
Acq: 12 Aug 2019 06:38

Tgt Ion	65	Resp	105711
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: VX011468.D

Acq: 12 Aug 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

2S-D3-(1)

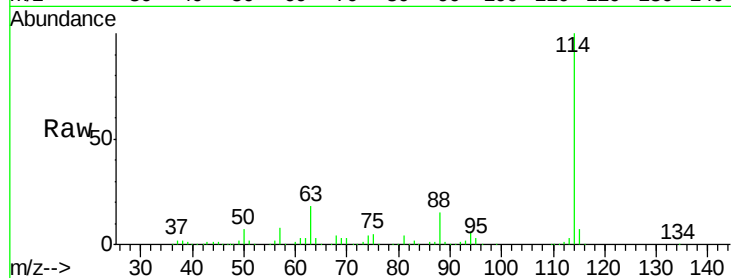
Tot Ion:114 Resp: 290435

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

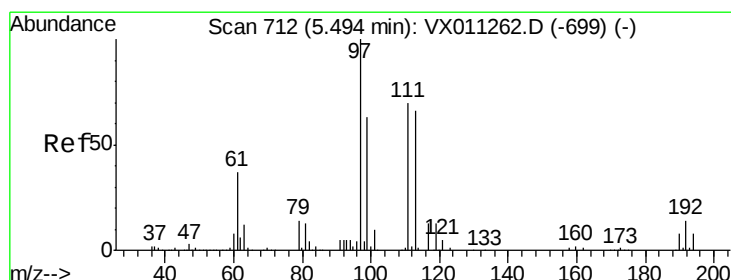
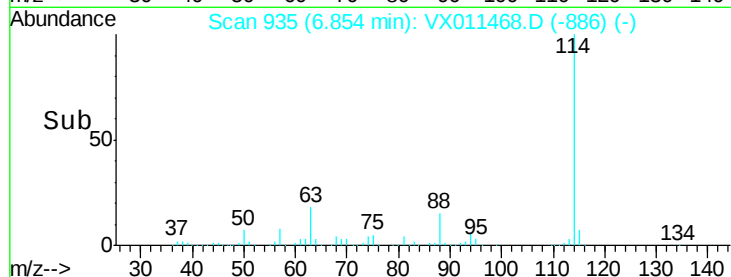
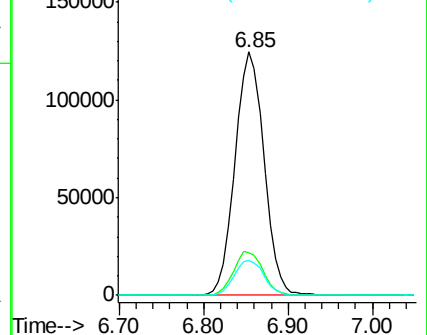
88 14.5 0.0 26.4



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: 46.702 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011468.D

Acq: 12 Aug 2019 06:38

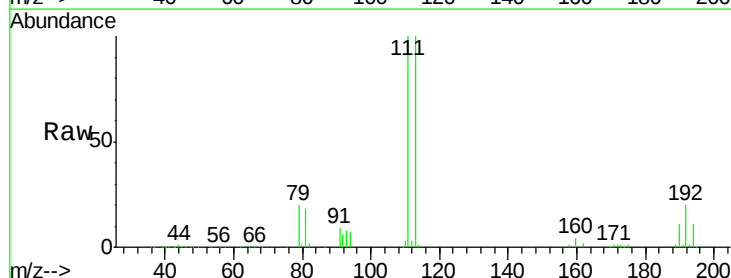
Tgt Ion:113 Resp: 88555

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

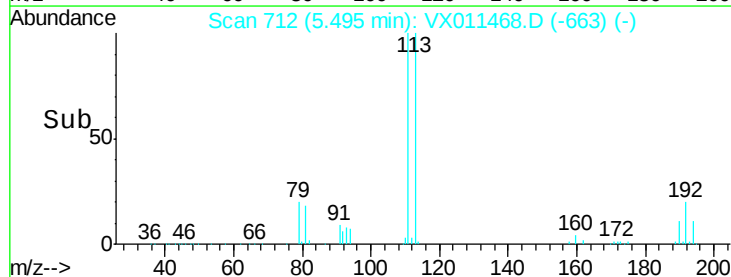
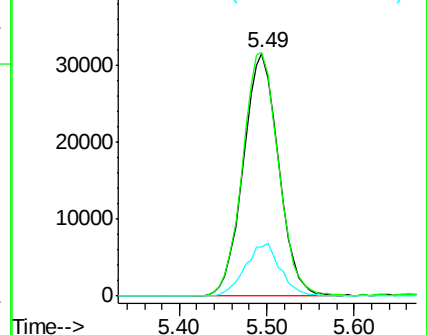
192 21.5 17.8 26.8

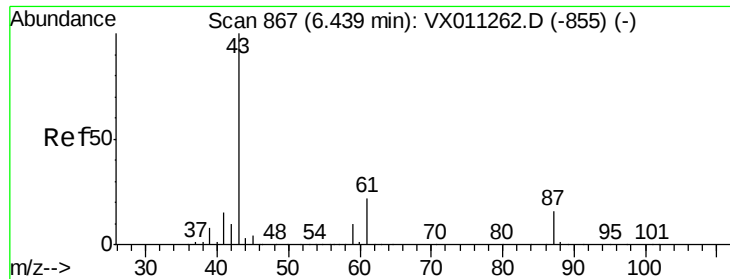


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.759 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011468.D

Acq: 12 Aug 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

2S-D3-(1)

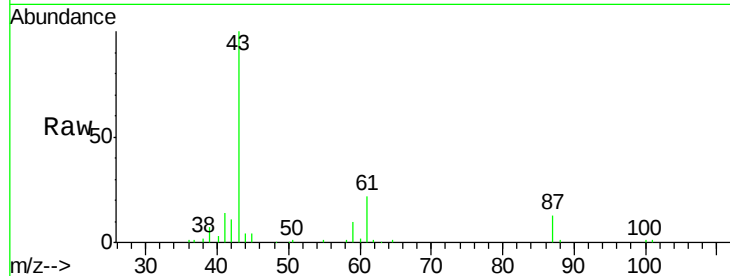
Tot Ion: 43 Resp: 31551

Ion Ratio Lower Upper

43 100

61 21.6 16.5 24.7

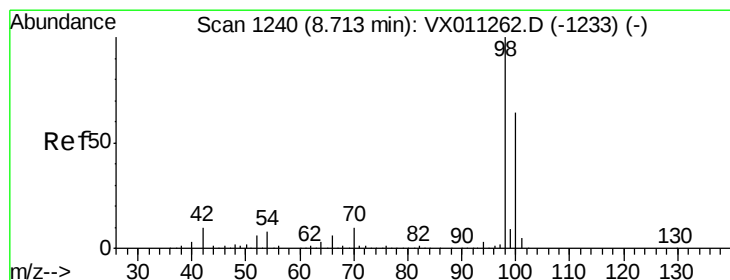
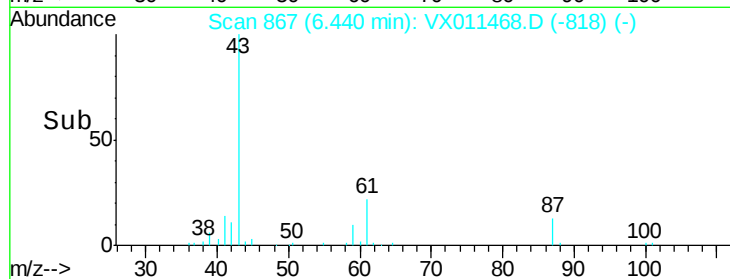
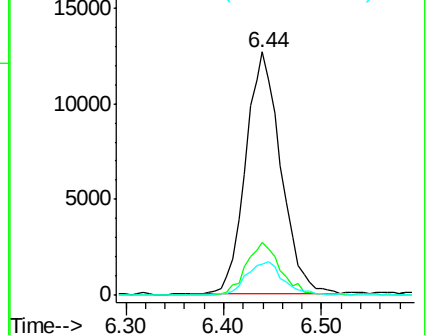
87 14.7 12.1 18.1



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: 48.797 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011468.D

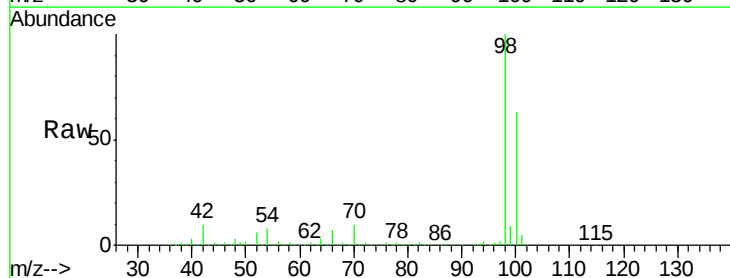
Acq: 12 Aug 2019 06:38

Tgt Ion: 98 Resp: 349268

Ion Ratio Lower Upper

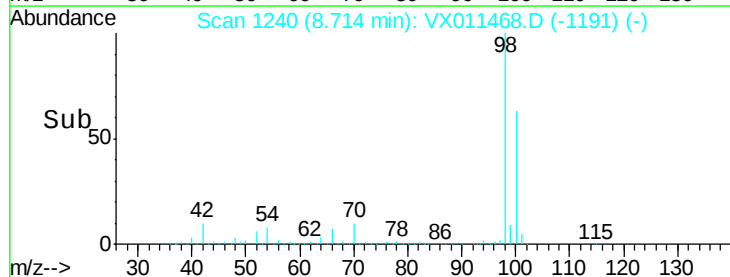
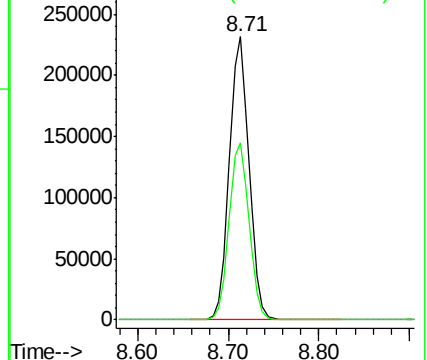
98 100

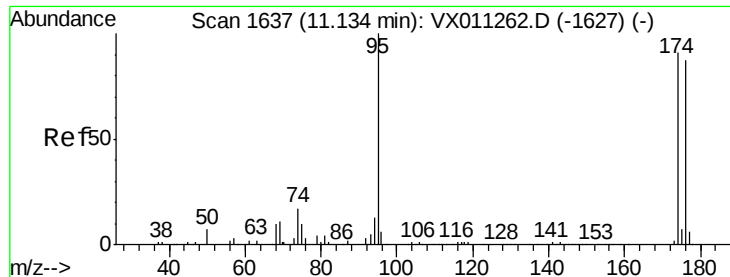
100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.389 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011468.D

Acq: 12 Aug 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

2S-D3-(1)

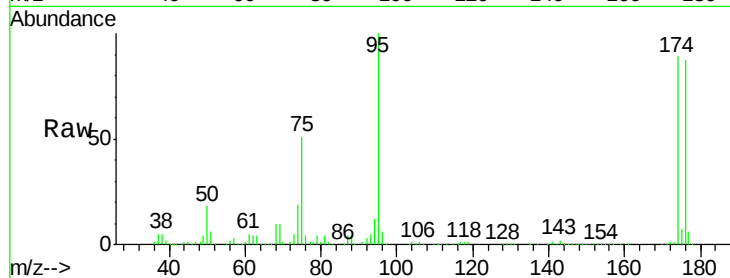
Tot Ion: 95 Resp: 115989

Ion Ratio Lower Upper

95 100

174 90.4 0.0 191.2

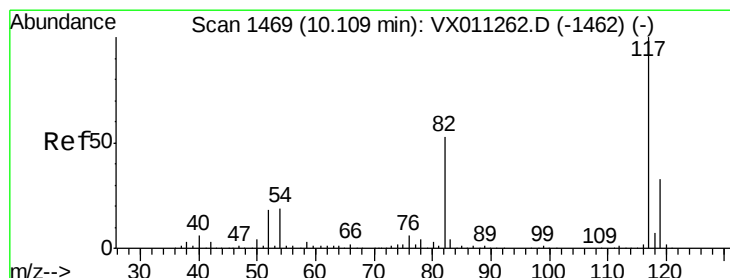
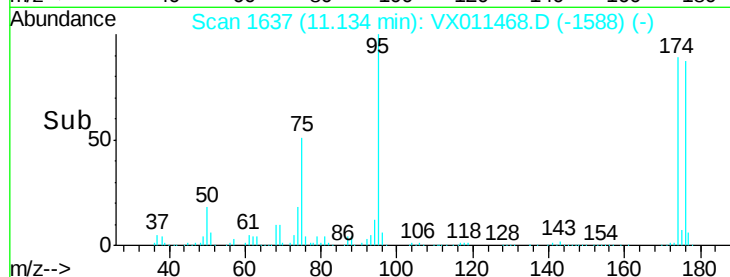
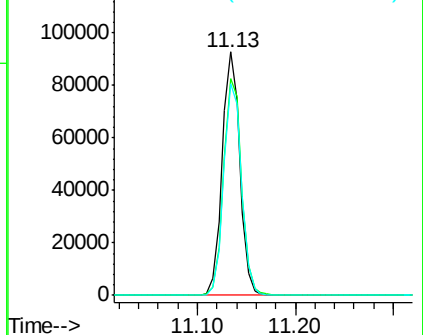
176 88.0 0.0 184.8



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: VX011468.D

Acq: 12 Aug 2019 06:38

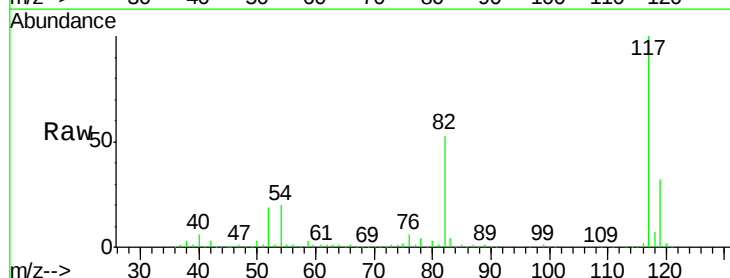
Tgt Ion: 117 Resp: 268326

Ion Ratio Lower Upper

117 100

82 53.5 42.2 63.2

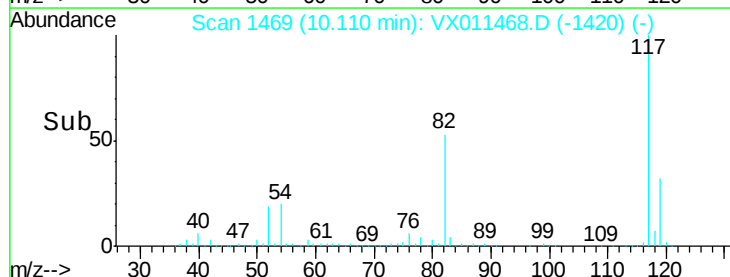
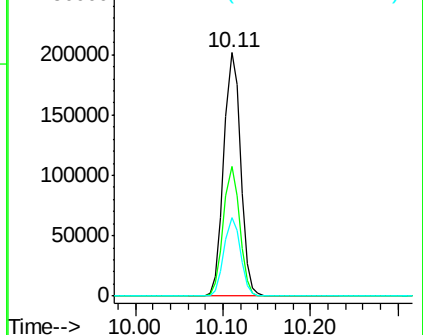
119 32.4 26.6 39.8

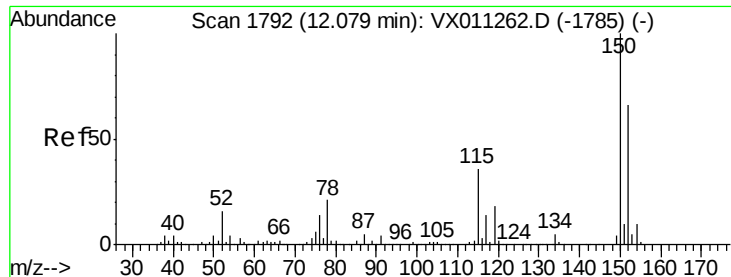


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011468.D

Acq: 12 Aug 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

2S-D3-(1)

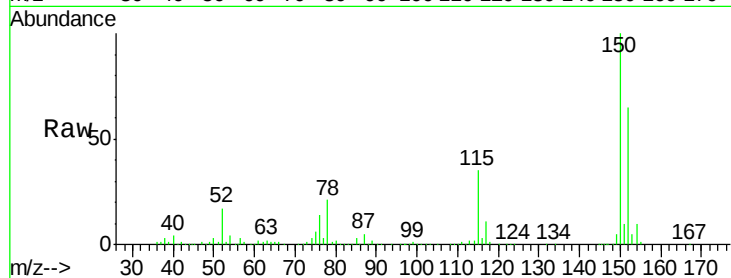
Tot Ion:152 Resp: 120601

Ion Ratio Lower Upper

152 100

115 55.6 40.0 119.9

150 157.8 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

