

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011512.D
 Acq On : 13 Aug 2019 03:10
 Operator : JC/SP
 Sample : K4230-27
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-D2-(1)

Quant Time: Aug 13 09:28:23 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

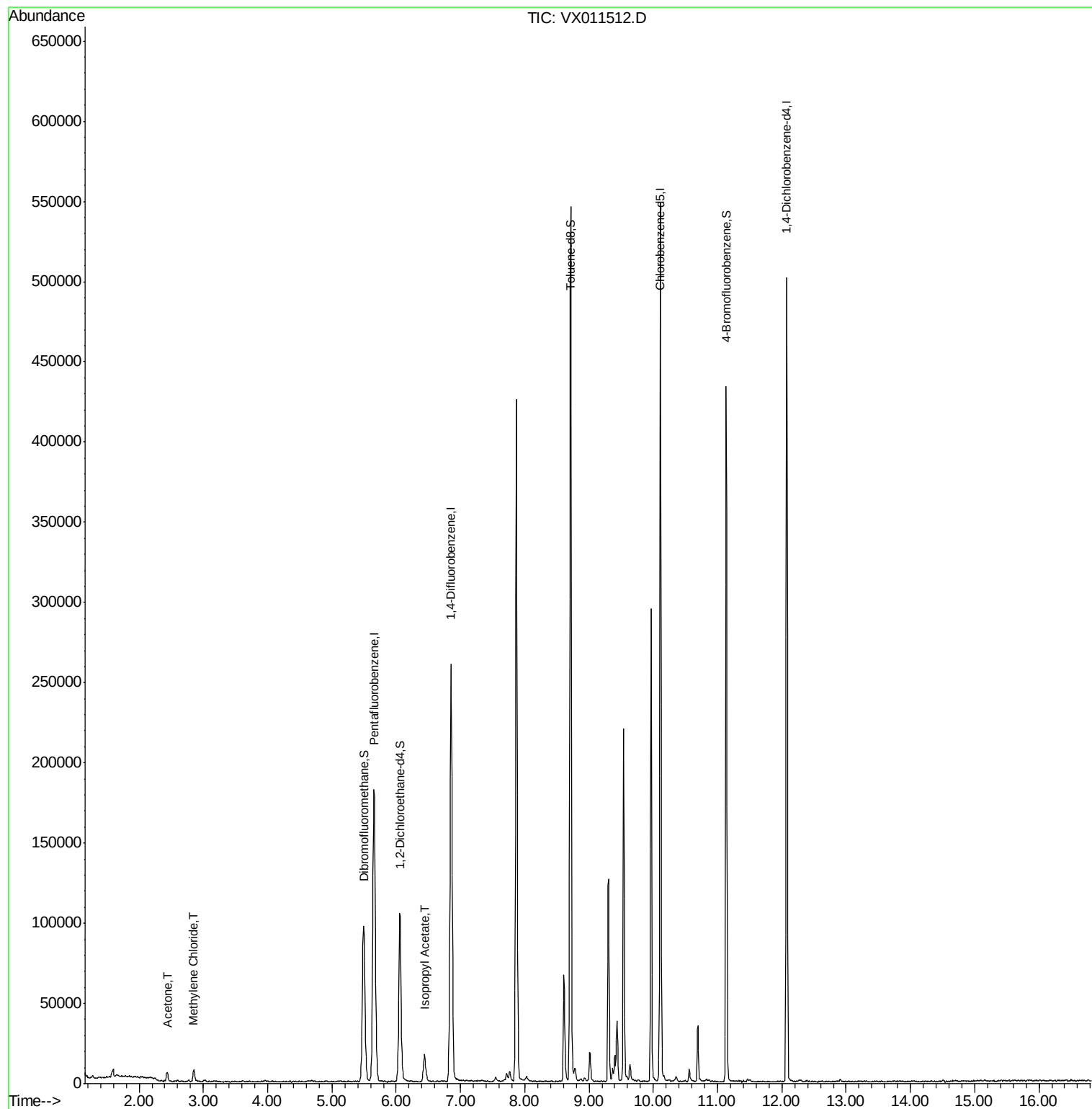
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	98693	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
35) Dibromofluoromethane	5.49	113	83049	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	8.71	98	322869	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	105447	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	
Target Compounds						
16) Acetone	2.44	43	6611	7.733	ug/l	94
20) Methylene Chloride	2.85	84	3619	1.933	ug/l	88
43) Isopropyl Acetate	6.44	43	21897	5.879	ug/l	98

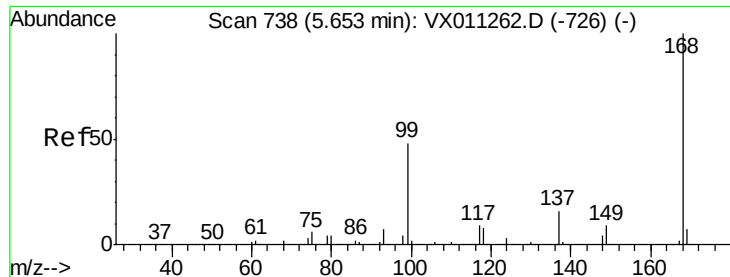
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011512.D

Acq: 13 Aug 2019 03:10

Instrument :

MSVOA_X

ClientSampleId :

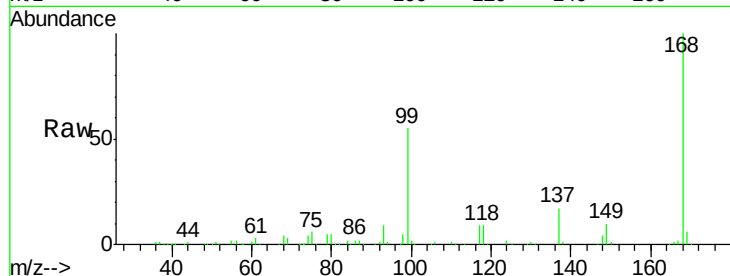
2S-D2-(1)

Tot Ion:168 Resp: 178353

Ion Ratio Lower Upper

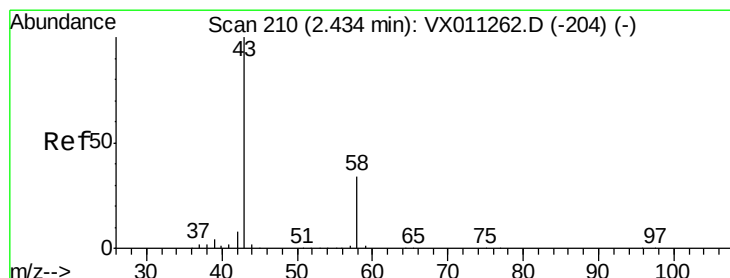
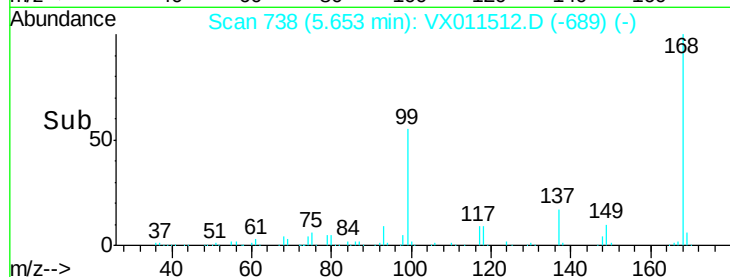
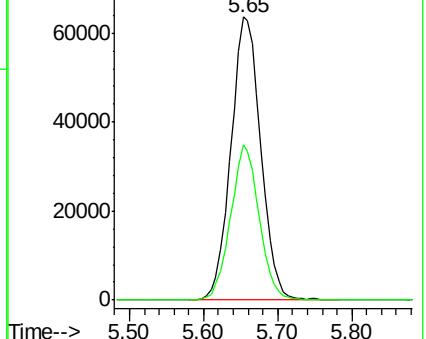
168 100

99 55.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.733 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011512.D

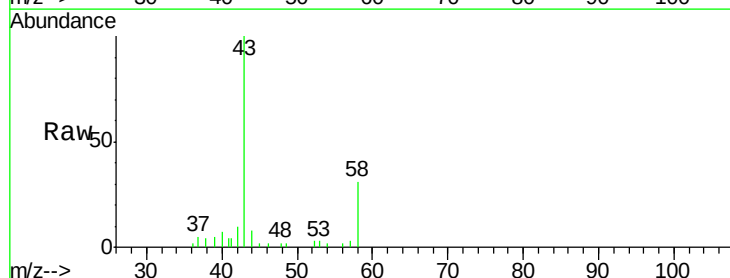
Acq: 13 Aug 2019 03:10

Tgt Ion: 43 Resp: 6611

Ion Ratio Lower Upper

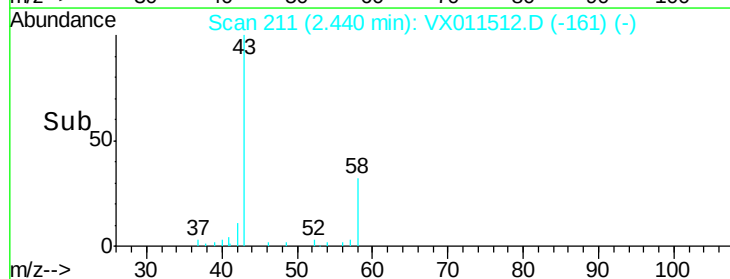
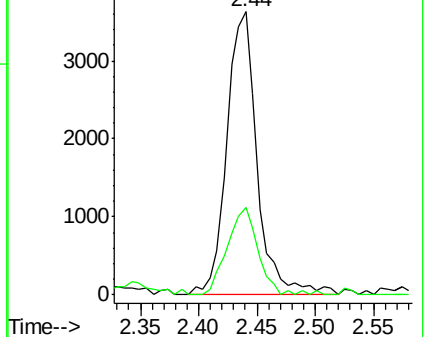
43 100

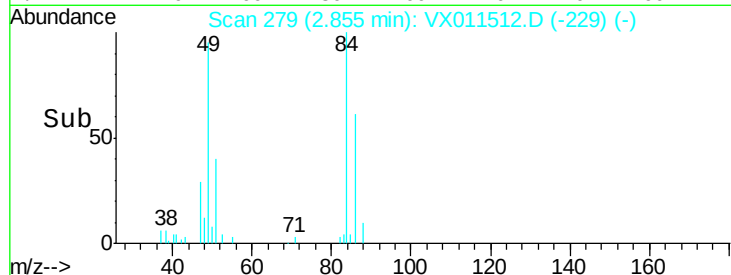
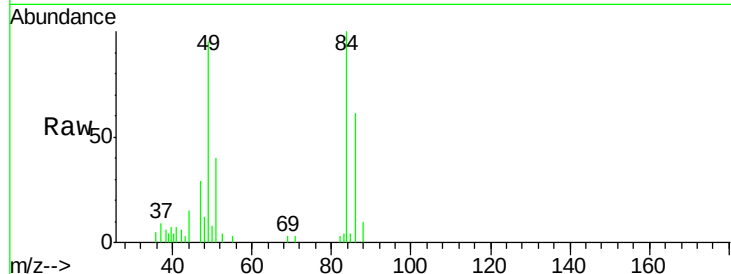
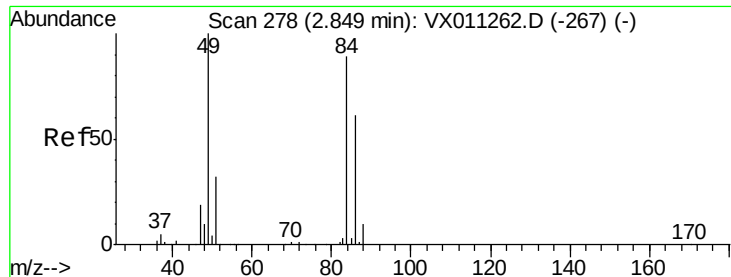
58 30.9 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

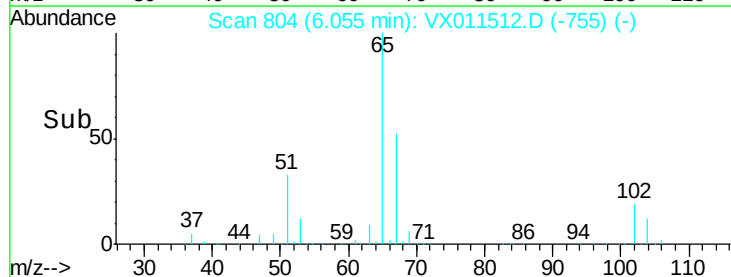
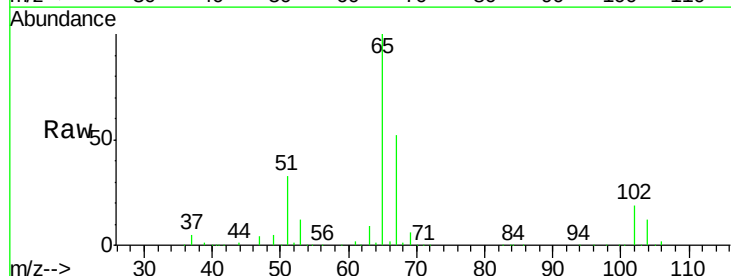
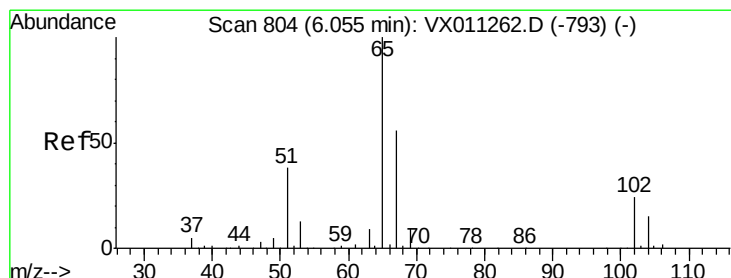
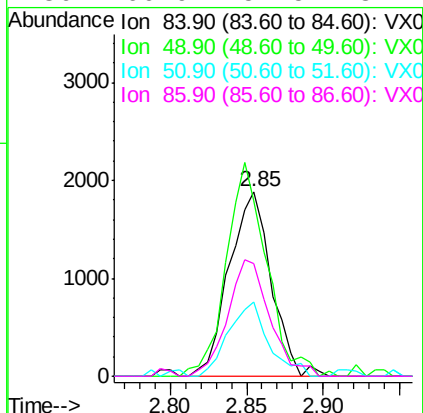




#20
Methylene Chloride
Concen: 1.933 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011512.D
Acq: 13 Aug 2019 03:10

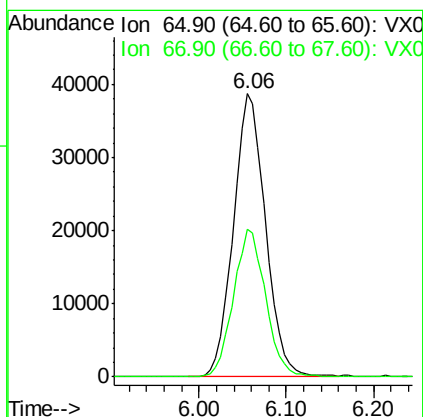
Instrument :
MSVOA_X
ClientSampleId :
2S-D2-(1)

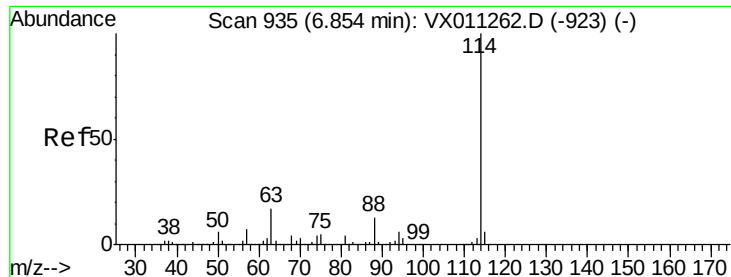
Tot Ion: 84 Resp: 3619
Ion Ratio Lower Upper
84 100
49 95.1 89.3 133.9
51 40.2 28.3 42.5
86 60.9 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 54.948 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011512.D
Acq: 13 Aug 2019 03:10

Tgt Ion: 65 Resp: 98693
Ion Ratio Lower Upper
65 100
67 51.9 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: VX011512.D

Acq: 13 Aug 2019 03:10

Instrument :

MSVOA_X

ClientSampleId :

2S-D2-(1)

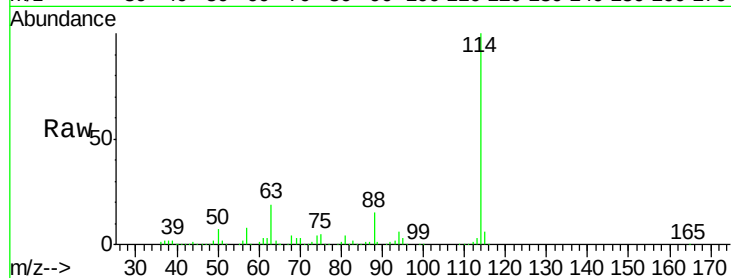
Tot Ion:114 Resp: 266013

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.0

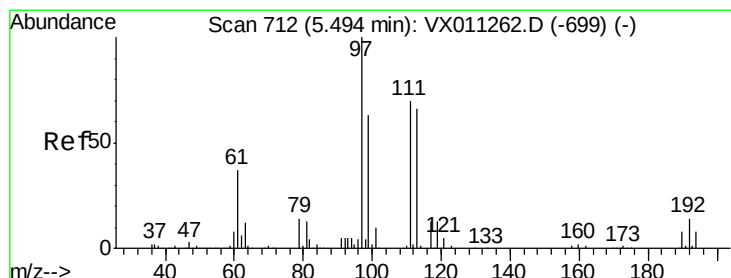
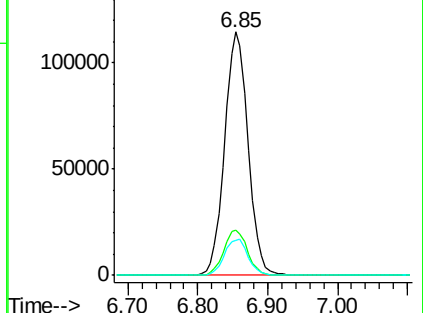
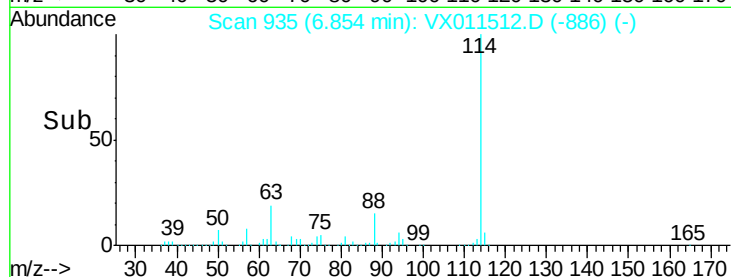
88 14.6 0.0 26.4



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: 47.819 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011512.D

Acq: 13 Aug 2019 03:10

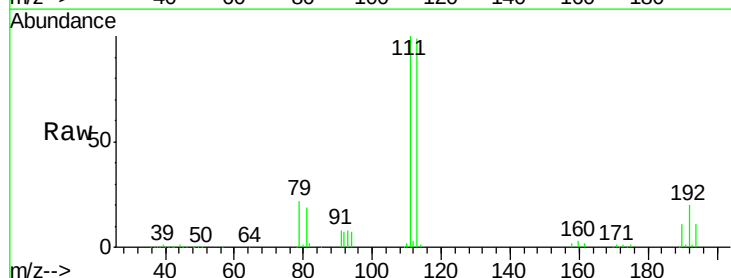
Tgt Ion:113 Resp: 83049

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

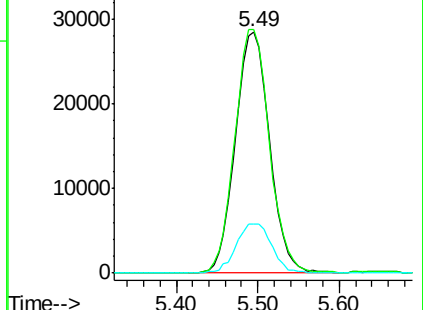
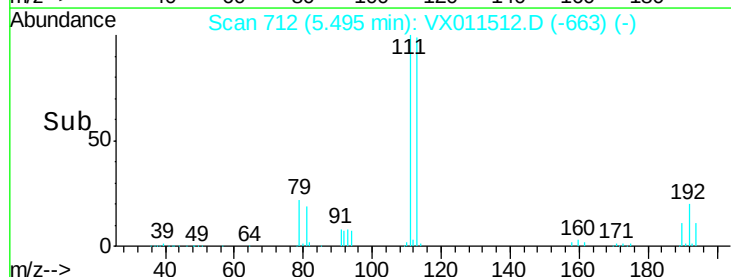
192 21.3 17.8 26.8

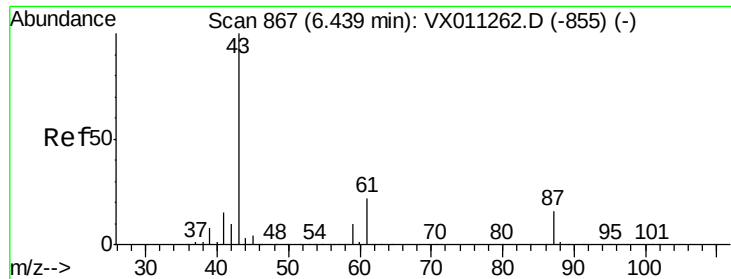


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 5.879 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011512.D

Acq: 13 Aug 2019 03:10

Instrument :

MSVOA_X

ClientSampleId :

2S-D2-(1)

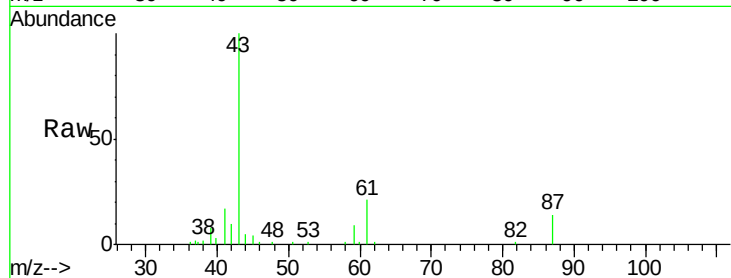
Tot Ion: 43 Resp: 21897

Ion Ratio Lower Upper

43 100

61 21.7 16.5 24.7

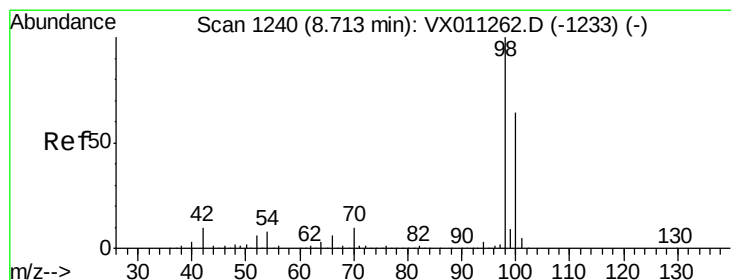
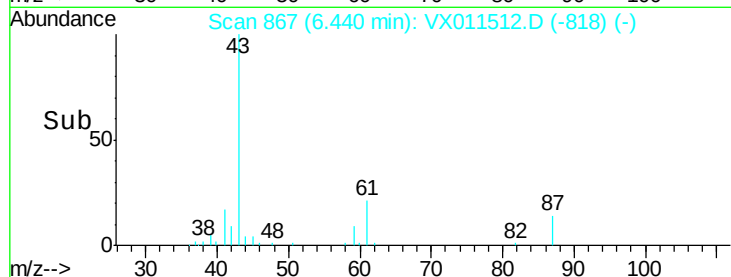
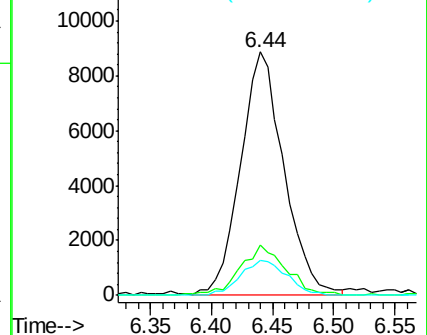
87 15.3 12.1 18.1



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: 49.250 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011512.D

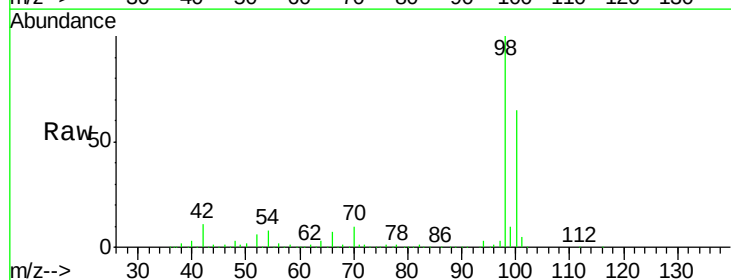
Acq: 13 Aug 2019 03:10

Tgt Ion: 98 Resp: 322869

Ion Ratio Lower Upper

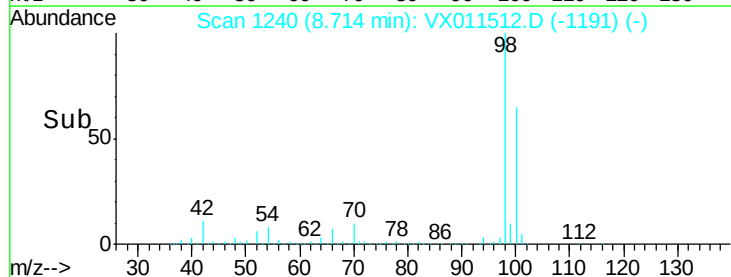
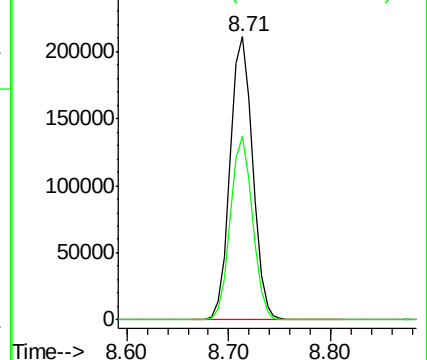
98 100

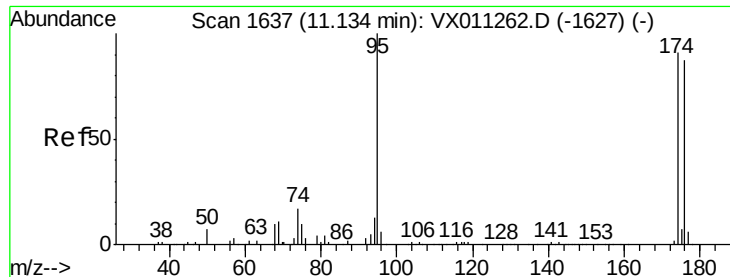
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

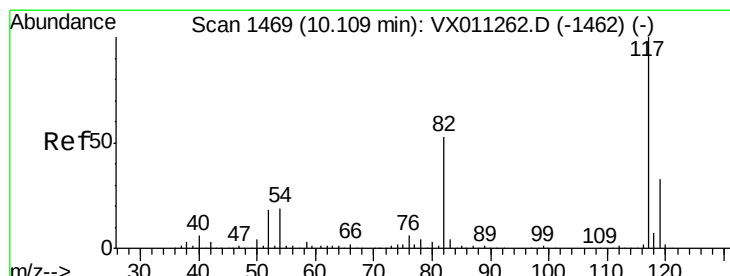
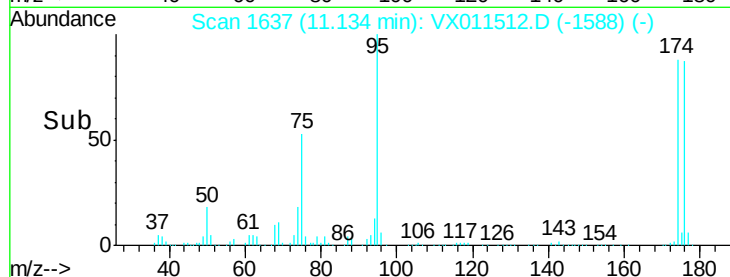
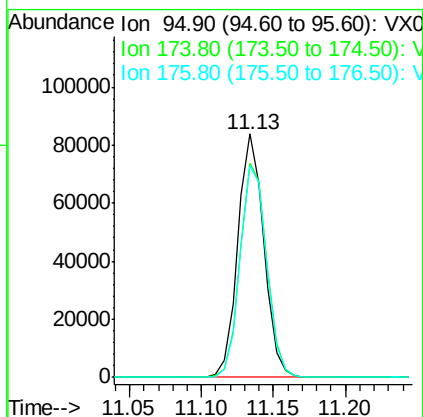
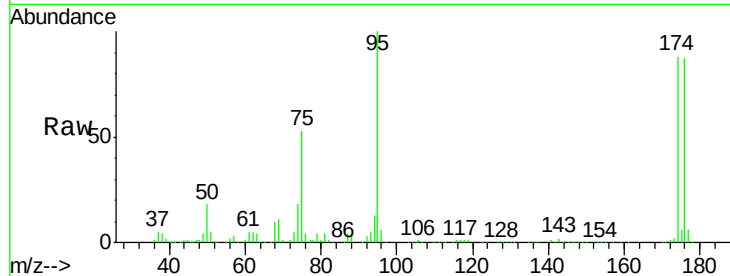




#62
4-Bromofluorobenzene
Concen: 45.052 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011512.D
Acq: 13 Aug 2019 03:10

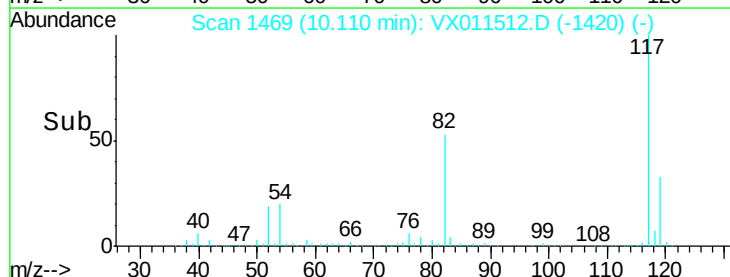
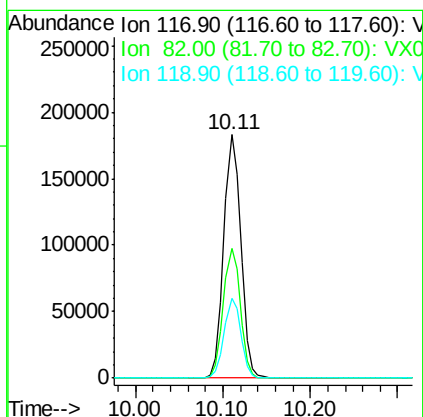
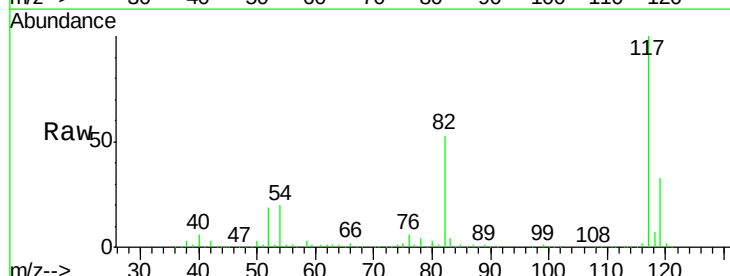
Instrument :
MSVOA_X
ClientSampled :
2S-D2-(1)

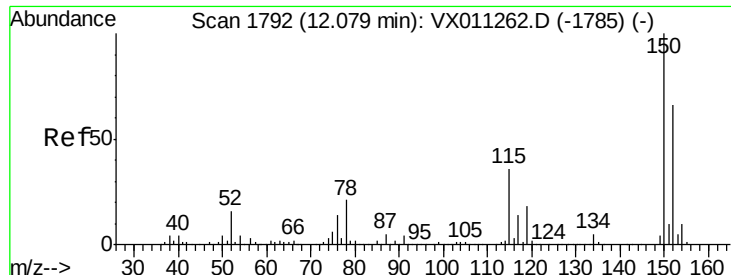
Tot Ion: 95 Resp: 105447
Ion Ratio Lower Upper
95 100
174 89.8 0.0 191.2
176 88.2 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011512.D
Acq: 13 Aug 2019 03:10

Tgt Ion: 117 Resp: 247122
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 32.6 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: VX011512.D

Acq: 13 Aug 2019 03:10

Instrument :

MSVOA_X

ClientSampleId :

2S-D2-(1)

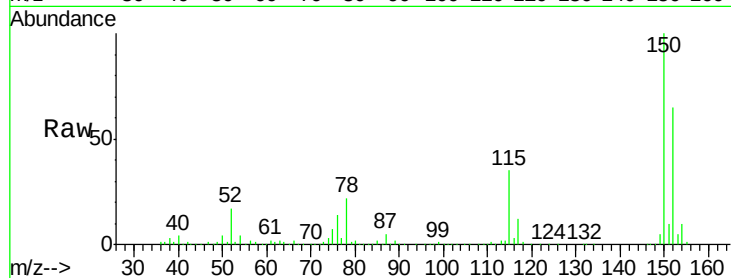
Tot Ion:152 Resp: 107434

Ion Ratio Lower Upper

152 100

115 56.5 40.0 119.9

150 156.9 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

