

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011440.D
 Acq On : 11 Aug 2019 18:35
 Operator : JC/SP
 Sample : K4228-40
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-13-1)

Quant Time: Aug 12 09:30:37 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

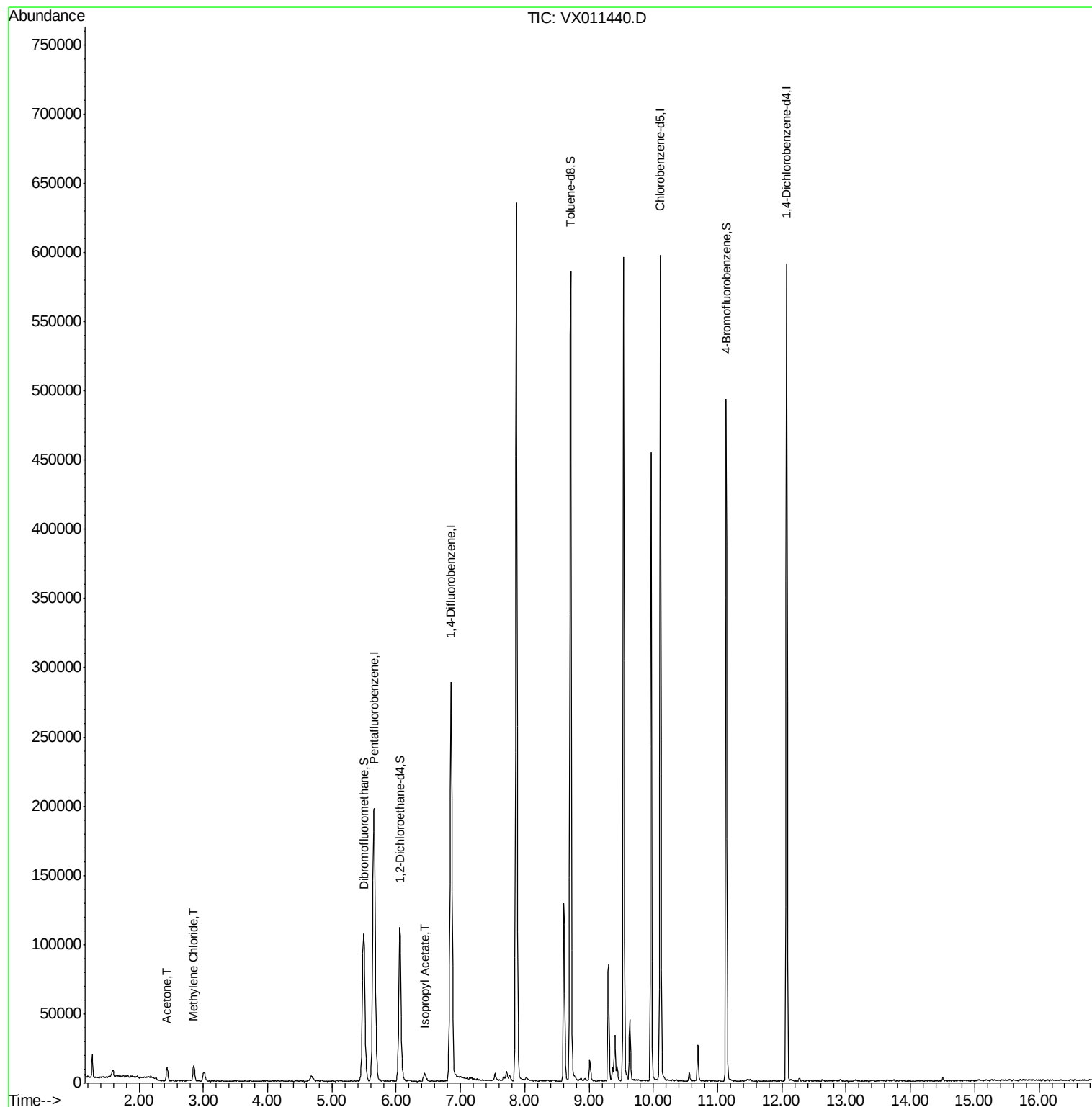
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104000	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
35) Dibromofluoromethane	5.49	113	88335	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	8.71	98	349382	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.13	95	117680	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
Target Compounds						
16) Acetone	2.43	43	9941	10.619	ug/l	96
20) Methylene Chloride	2.85	84	5441	2.654	ug/l	95
43) Isopropyl Acetate	6.44	43	8219	2.004	ug/l	97

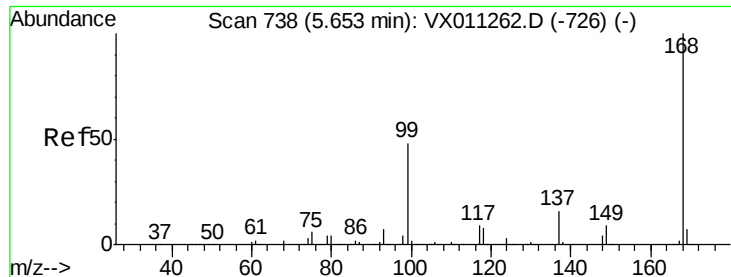
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011440.D

Acq: 11 Aug 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

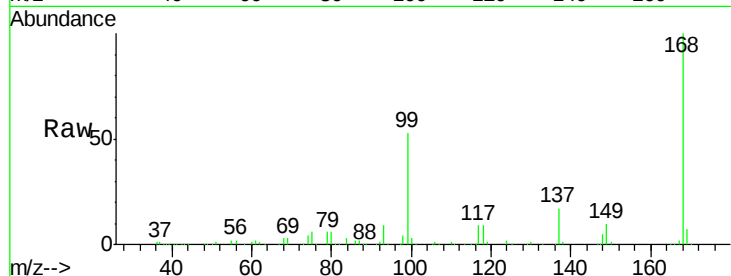
2S-I3-(1)

Tot Ion:168 Resp: 195297

Ion Ratio Lower Upper

168 100

99 52.7 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

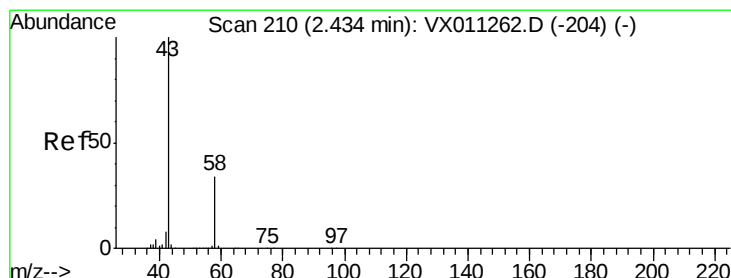
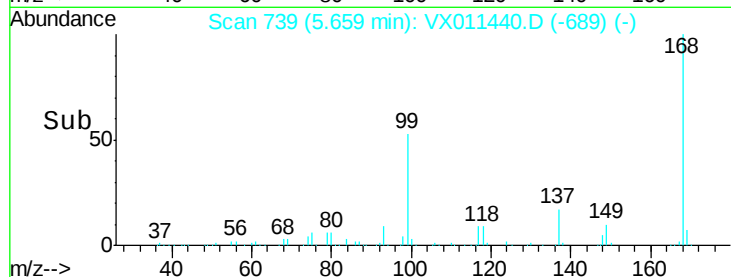
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.619 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011440.D

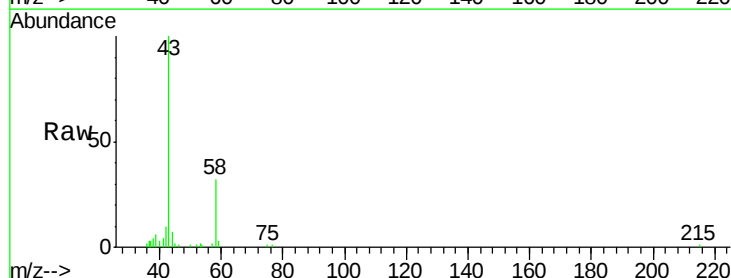
Acq: 11 Aug 2019 18:35

Tgt Ion: 43 Resp: 9941

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

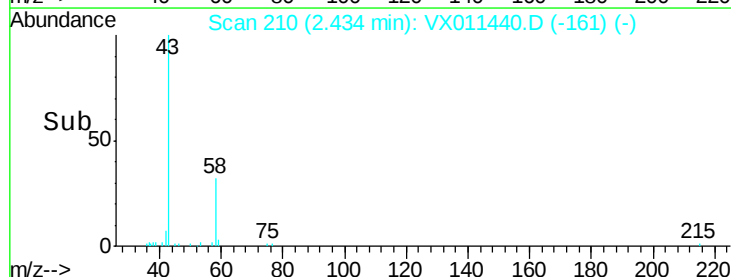
6000

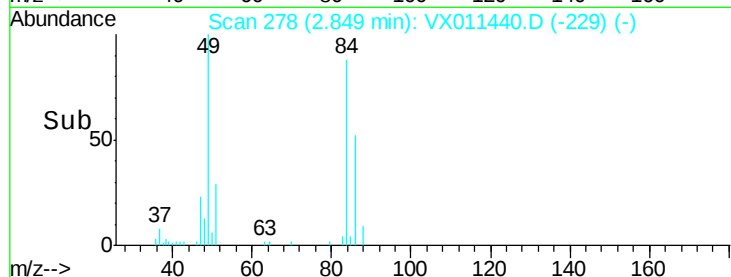
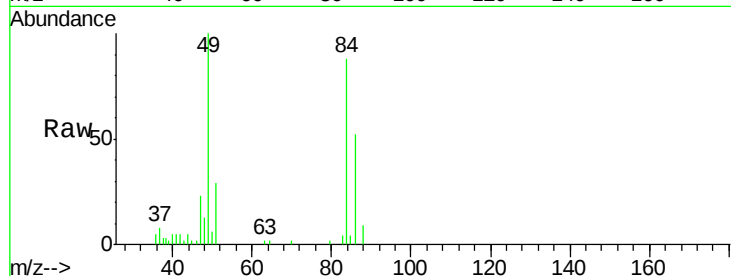
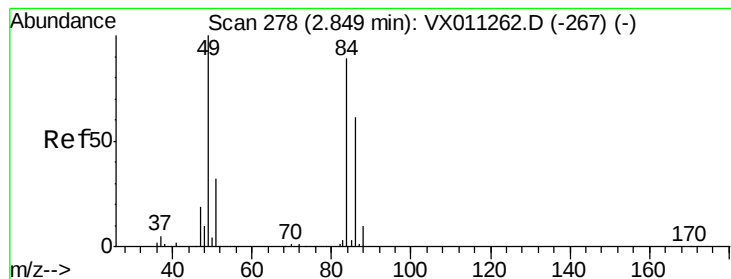
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 2.654 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011440.D

Acq: 11 Aug 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

2S-I3-(1)

Tot Ion: 84 Resp: 5441

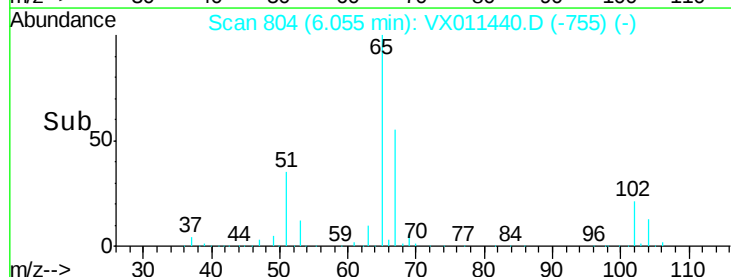
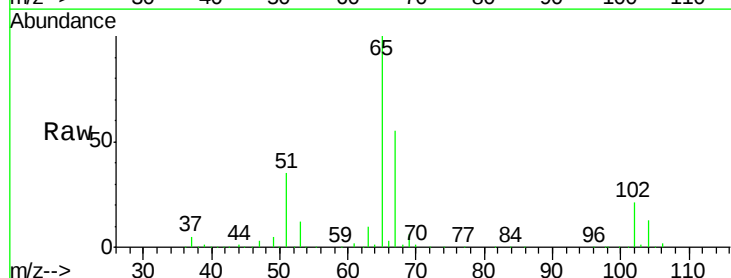
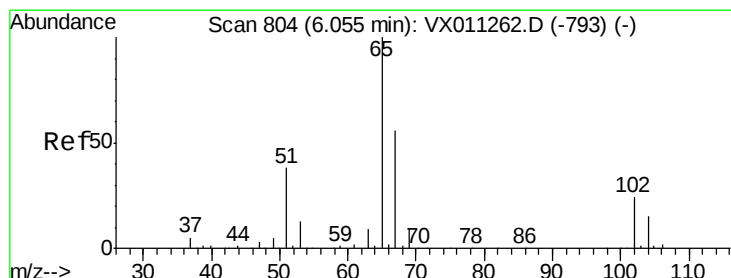
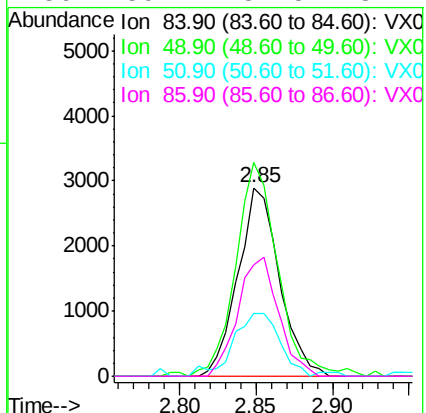
Ion Ratio Lower Upper

84 100

49 113.5 89.3 133.9

51 33.0 28.3 42.5

86 59.4 54.5 81.7



#33

1,2-Dichloroethane-d4

Concen: 52.879 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011440.D

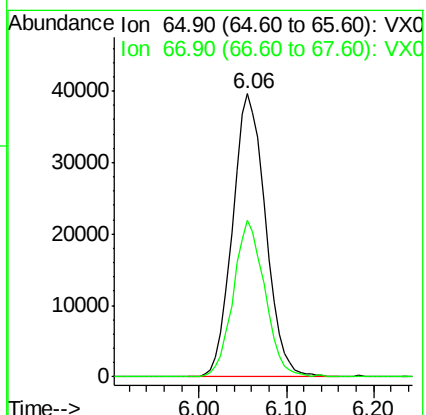
Acq: 11 Aug 2019 18:35

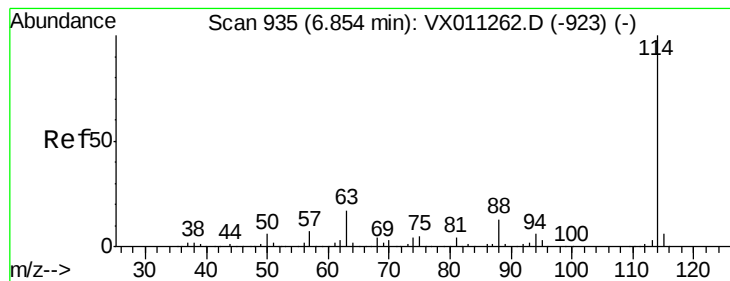
Tgt Ion: 65 Resp: 104000

Ion Ratio Lower Upper

65 100

67 52.8 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: VX011440.D

Acq: 11 Aug 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

2S-I3-(1)

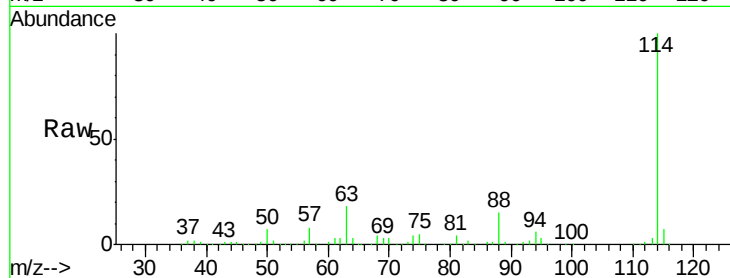
Tot Ion:114 Resp: 292894

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

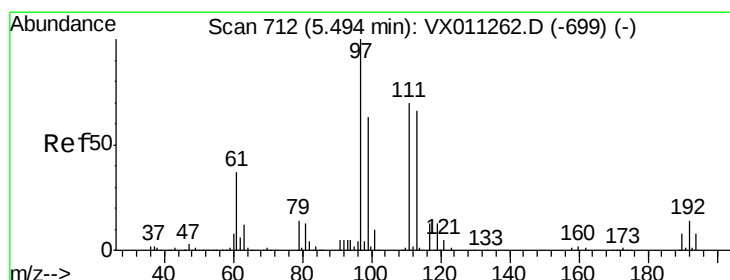
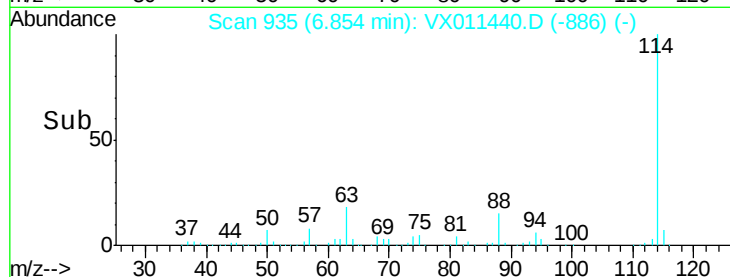
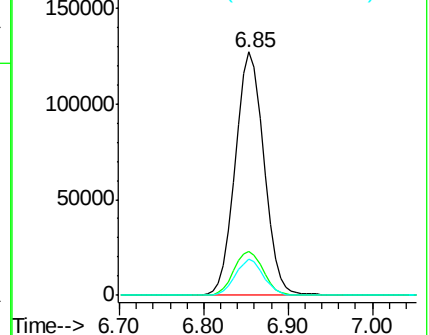
88 14.7 0.0 26.4



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: 46.195 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011440.D

Acq: 11 Aug 2019 18:35

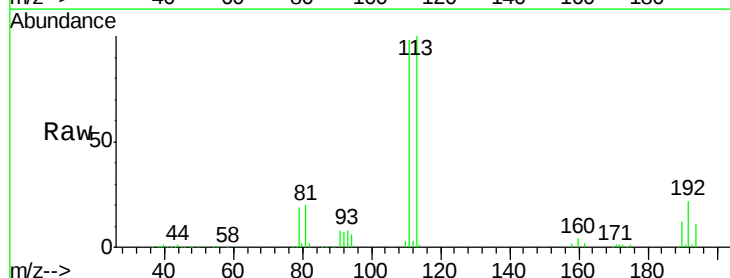
Tgt Ion:113 Resp: 88335

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

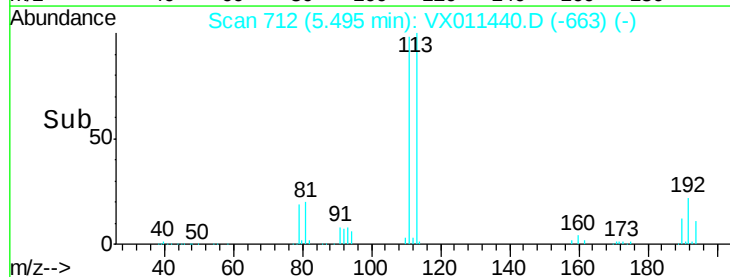
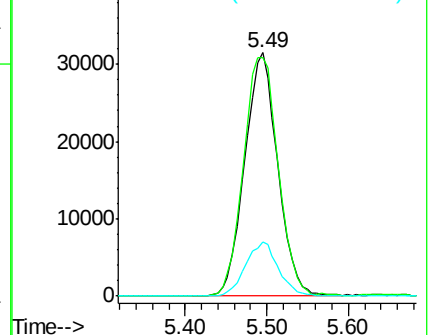
192 22.1 17.8 26.8

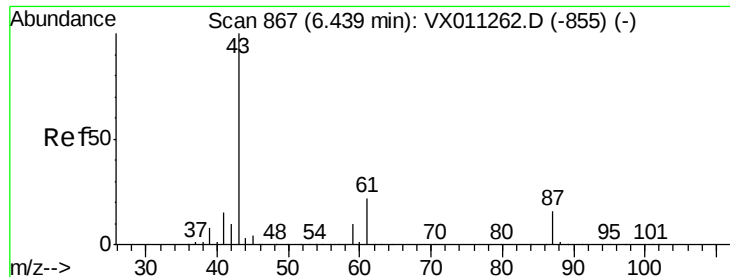


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.004 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011440.D

Acq: 11 Aug 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

2S-13-(1)

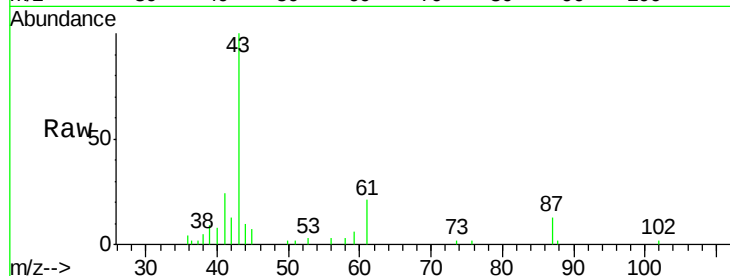
Tot Ion: 43 Resp: 8219

Ion Ratio Lower Upper

43 100

61 22.5 16.5 24.7

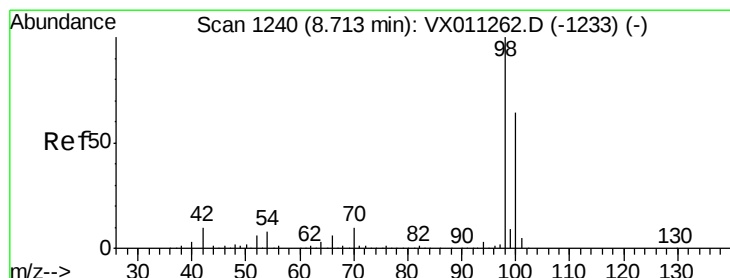
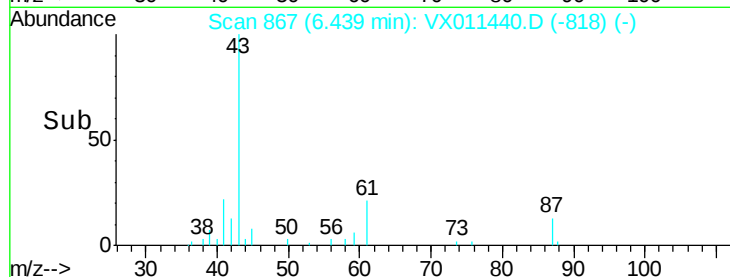
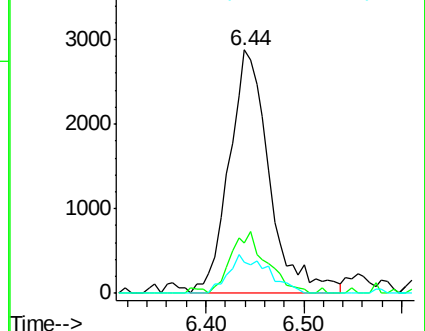
87 15.4 12.1 18.1



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: 48.403 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011440.D

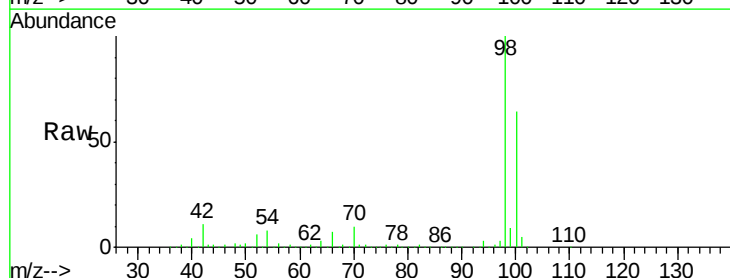
Acq: 11 Aug 2019 18:35

Tgt Ion: 98 Resp: 349382

Ion Ratio Lower Upper

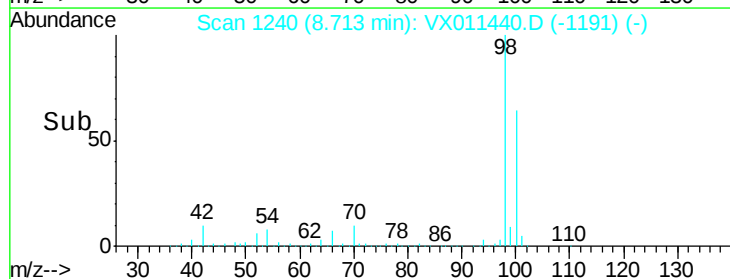
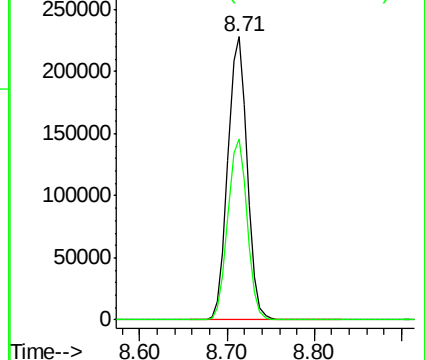
98 100

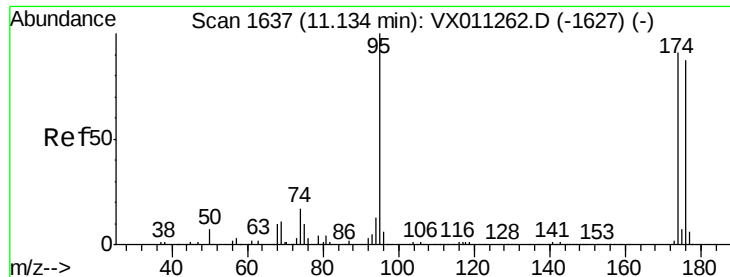
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

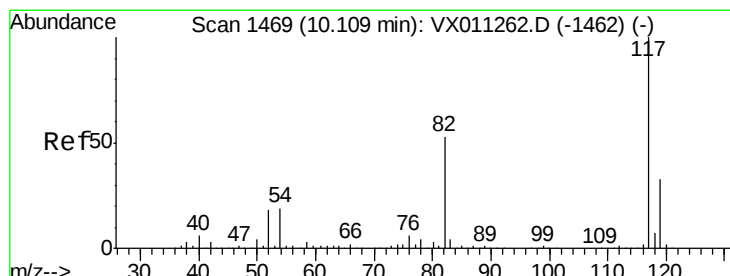
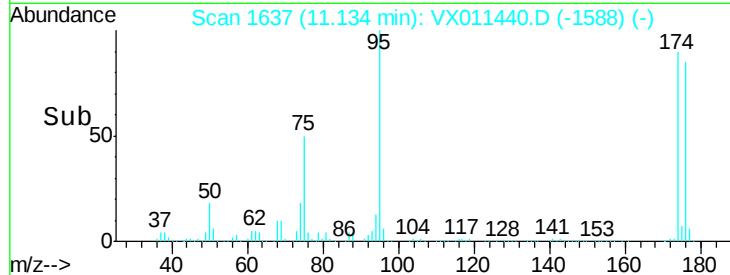
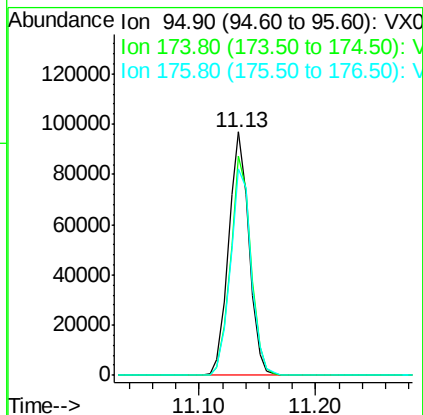
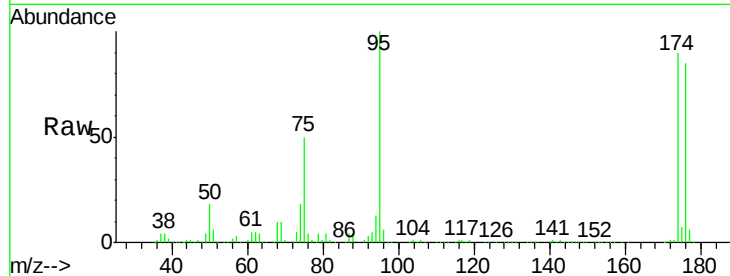




#62
4-Bromofluorobenzene
Concen: 45.664 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011440.D
Acq: 11 Aug 2019 18:35

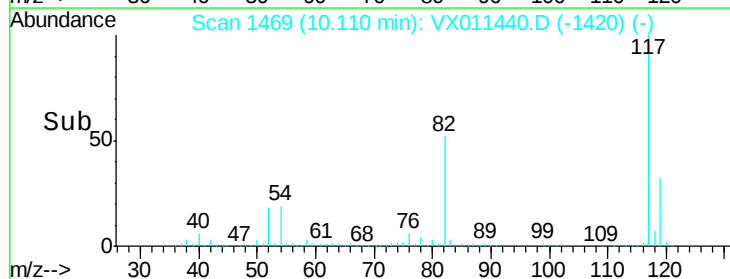
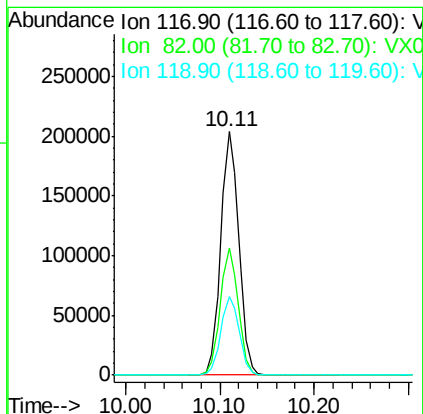
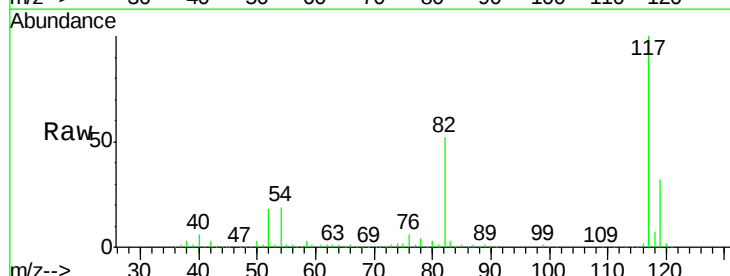
Instrument :
MSVOA_X
ClientSampleId :
2S-13-(1)

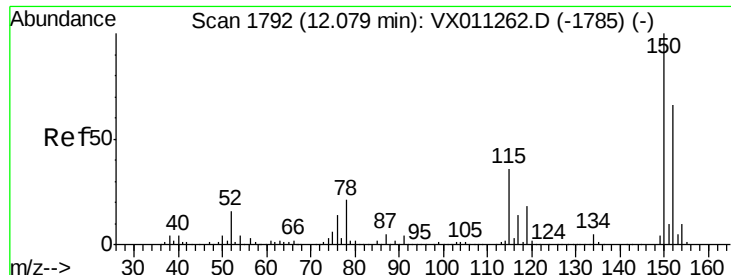
Tot Ion: 95 Resp: 117680
Ion Ratio Lower Upper
95 100
174 90.1 0.0 191.2
176 87.5 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011440.D
Acq: 11 Aug 2019 18:35

Tgt Ion: 117 Resp: 272204
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.2
119 32.2 26.6 39.8

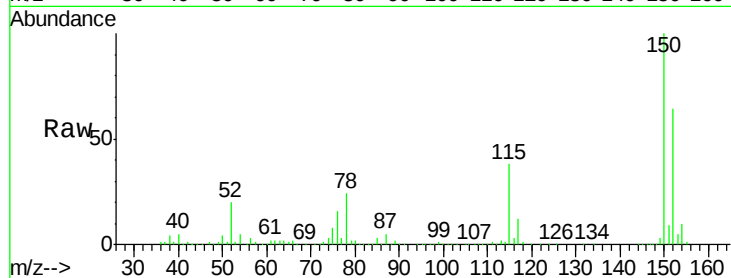




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011440.D
 Acq: 11 Aug 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-I3-(1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	40.0	119.9
150	156.6	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

