

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011435.D
 Acq On : 11 Aug 2019 16:39
 Operator : JC/SP
 Sample : K4228-34
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-12-(0)

Quant Time: Aug 12 08:56:24 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

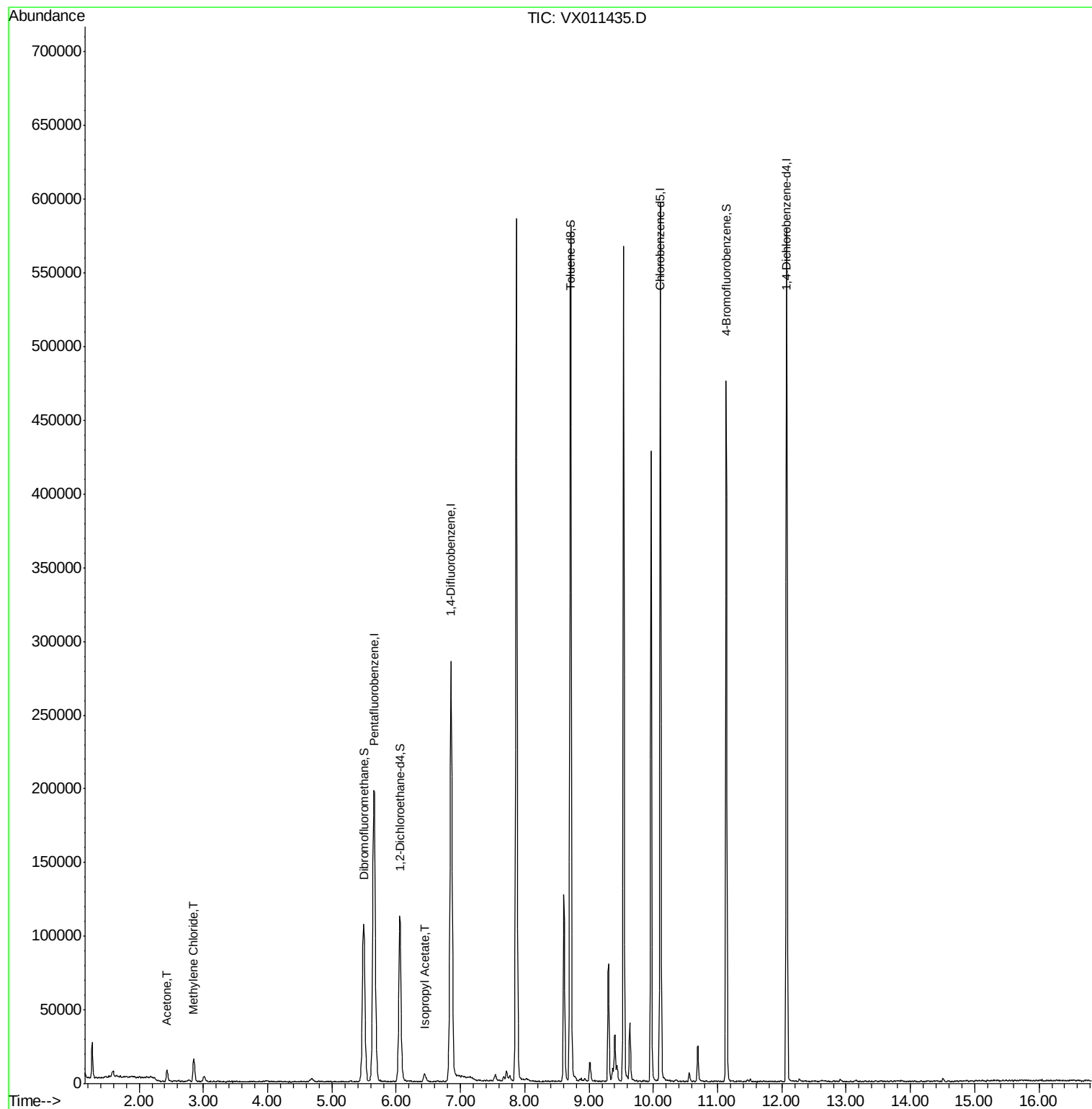
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105316	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
35) Dibromofluoromethane	5.49	113	90300	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
50) Toluene-d8	8.71	98	350579	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	114935	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
Target Compounds						
16) Acetone	2.43	43	7931	8.371	ug/l	90
20) Methylene Chloride	2.85	84	7673	3.698	ug/l #	91
43) Isopropyl Acetate	6.44	43	7647	1.871	ug/l	96

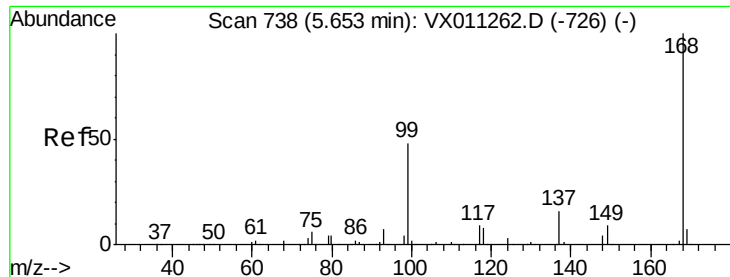
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011435.D

Acq: 11 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

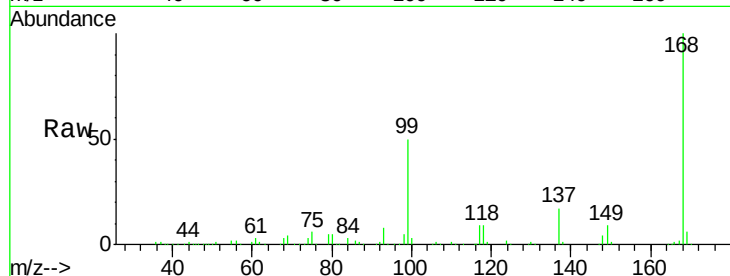
2S-12-(0)

Tot Ion:168 Resp: 197650

Ion Ratio Lower Upper

168 100

99 50.2 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

80000

60000

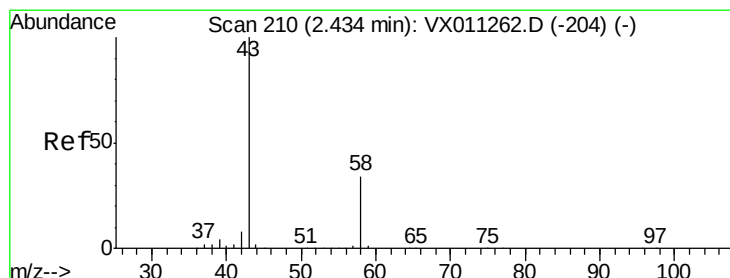
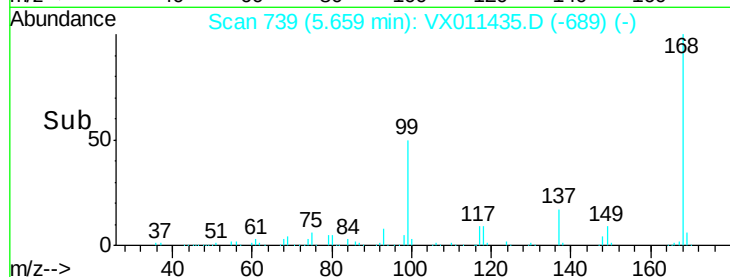
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 8.371 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011435.D

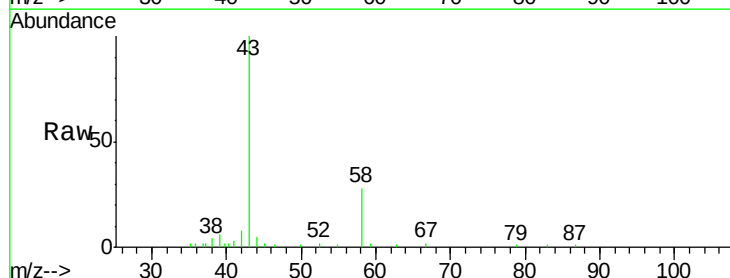
Acq: 11 Aug 2019 16:39

Tgt Ion: 43 Resp: 7931

Ion Ratio Lower Upper

43 100

58 28.4 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

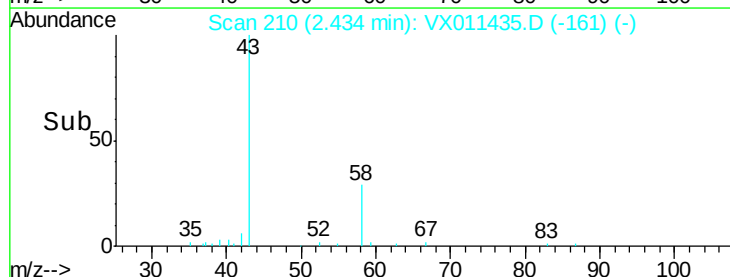
2000

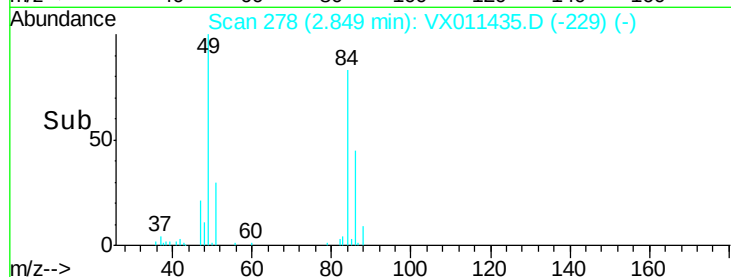
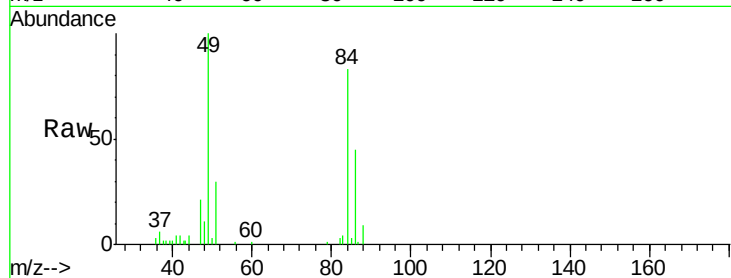
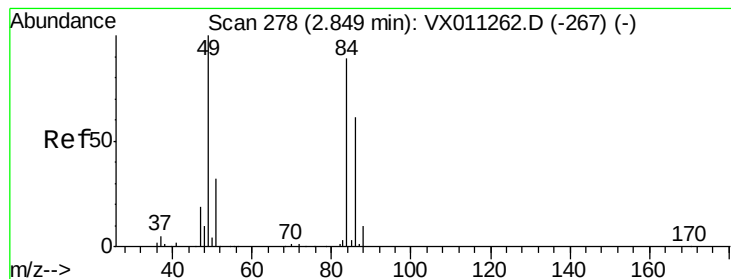
1000

0

Time-->

2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 3.698 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011435.D

Acq: 11 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

2S-12-(0)

Tot Ion: 84 Resp: 7673

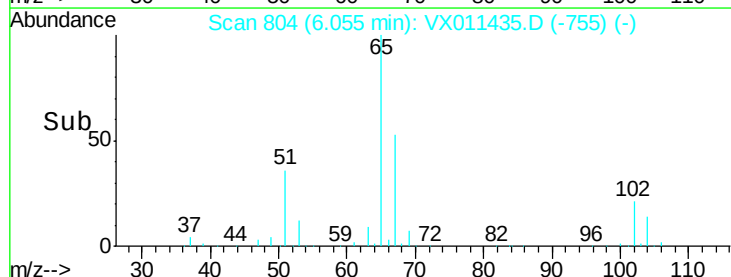
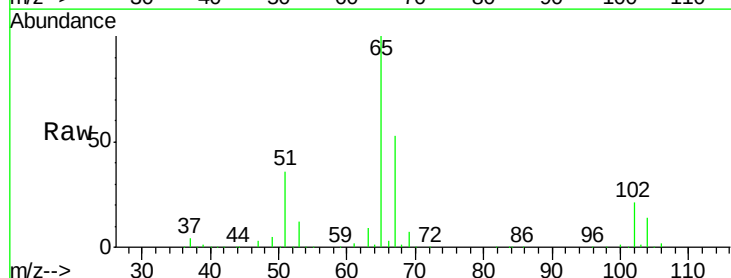
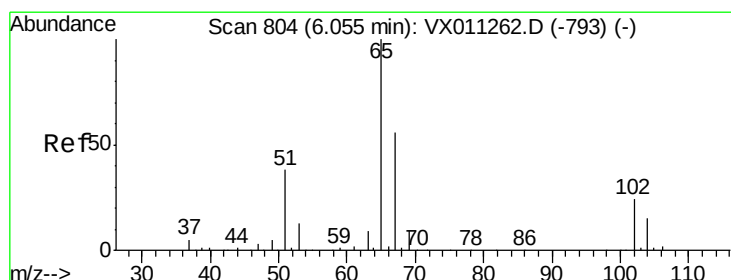
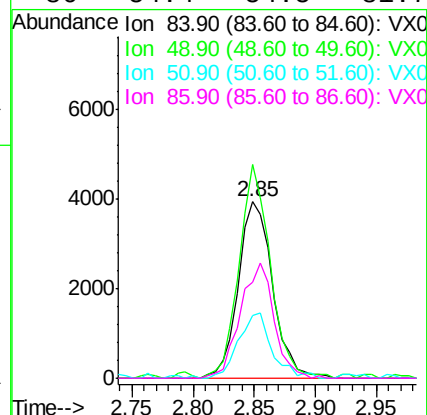
Ion Ratio Lower Upper

84 100

49 119.6 89.3 133.9

51 34.5 28.3 42.5

86 54.4 54.5 81.7#



#33

1,2-Dichloroethane-d4

Concen: 52.911 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011435.D

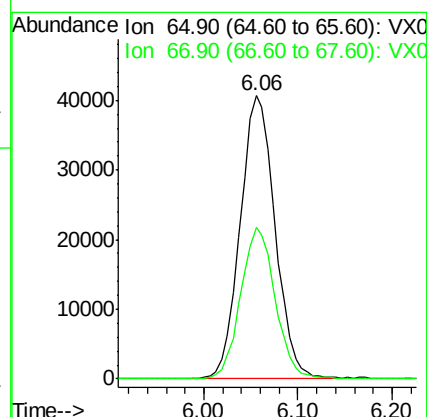
Acq: 11 Aug 2019 16:39

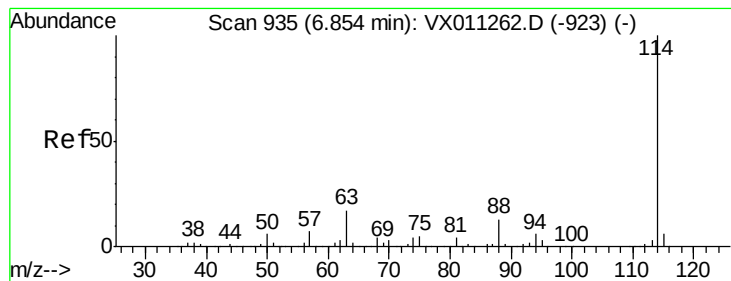
Tgt Ion: 65 Resp: 105316

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: VX011435.D

Acq: 11 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

2S-12-(0)

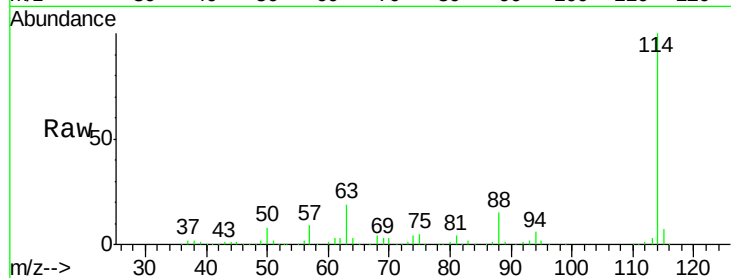
Tot Ion:114 Resp: 291916

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

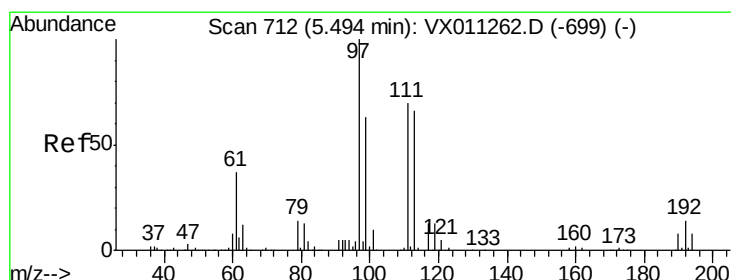
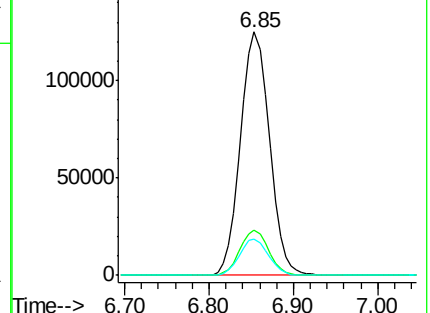
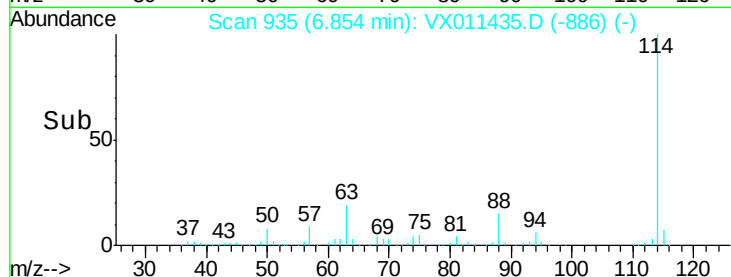
88 14.8 0.0 26.4



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: 47.380 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011435.D

Acq: 11 Aug 2019 16:39

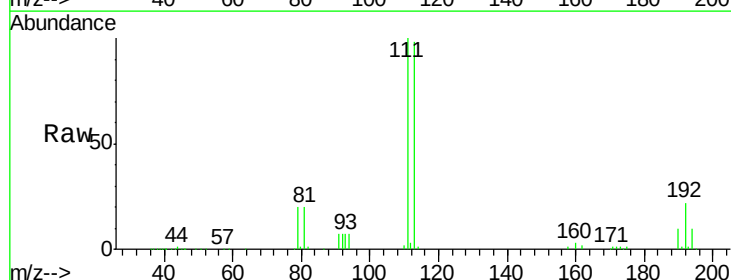
Tgt Ion:113 Resp: 90300

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

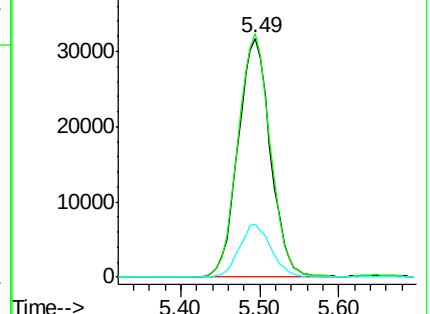
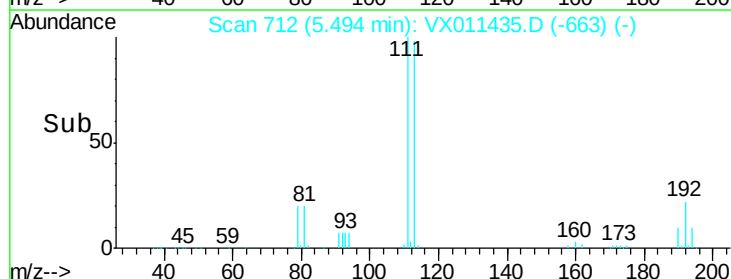
192 21.8 17.8 26.8

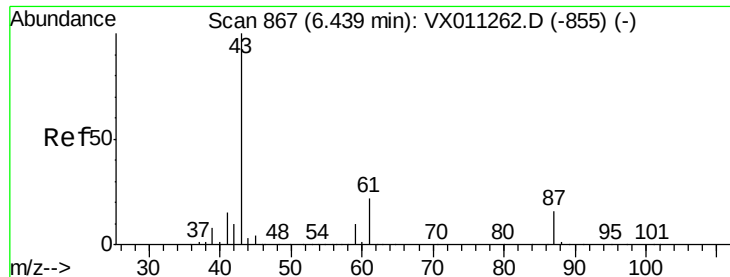


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.871 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011435.D

Acq: 11 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

2S-12-(0)

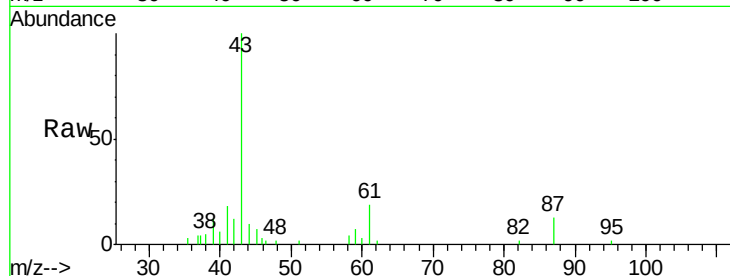
Tot Ion: 43 Resp: 7647

Ion Ratio Lower Upper

43 100

61 23.9 16.5 24.7

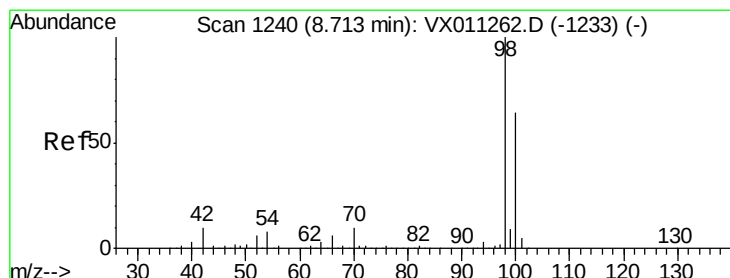
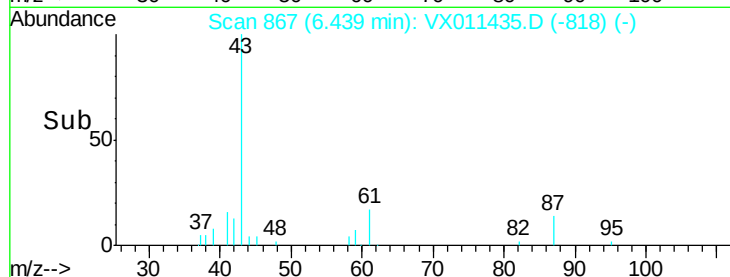
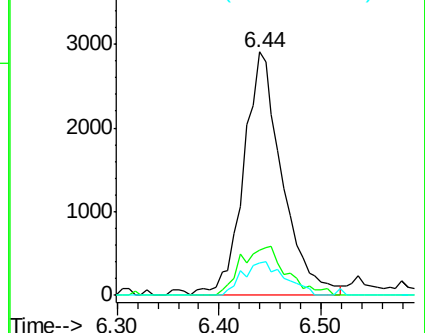
87 15.1 12.1 18.1



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: 48.732 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011435.D

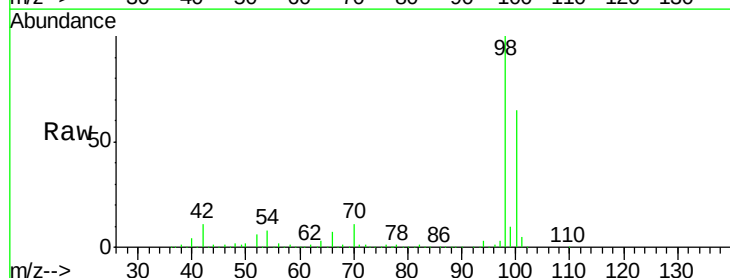
Acq: 11 Aug 2019 16:39

Tgt Ion: 98 Resp: 350579

Ion Ratio Lower Upper

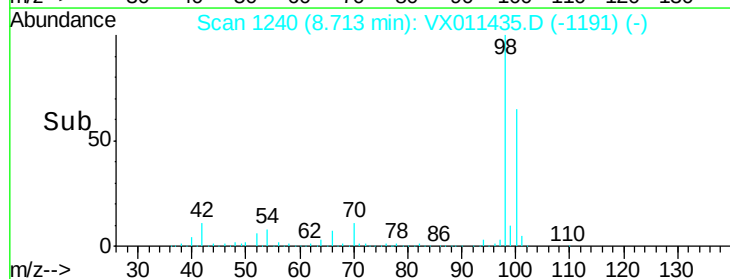
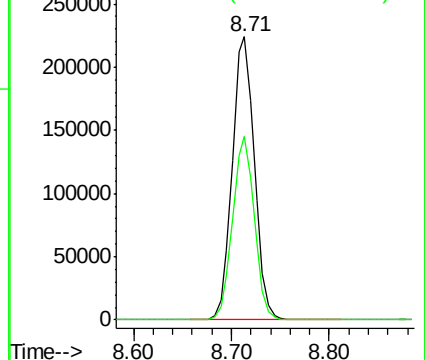
98 100

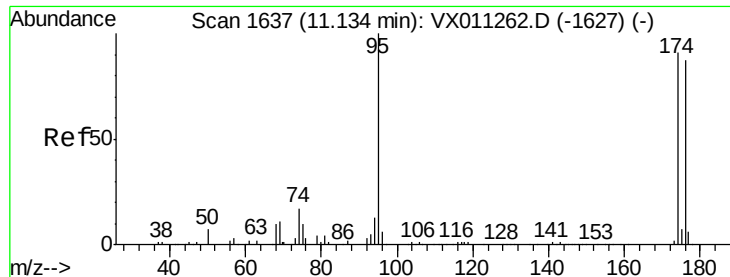
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.748 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011435.D

Acq: 11 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

2S-12-(0)

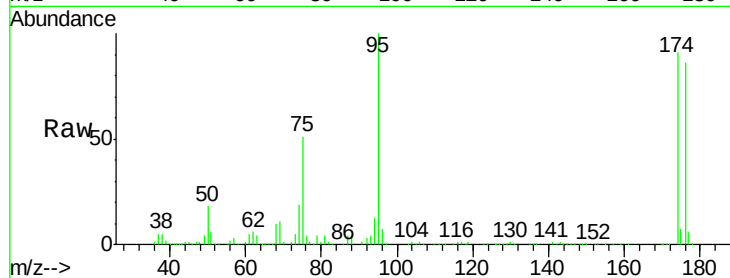
Tot Ion: 95 Resp: 114935

Ion Ratio Lower Upper

95 100

174 93.1 0.0 191.2

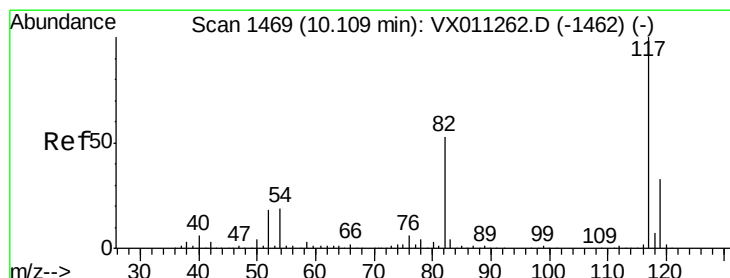
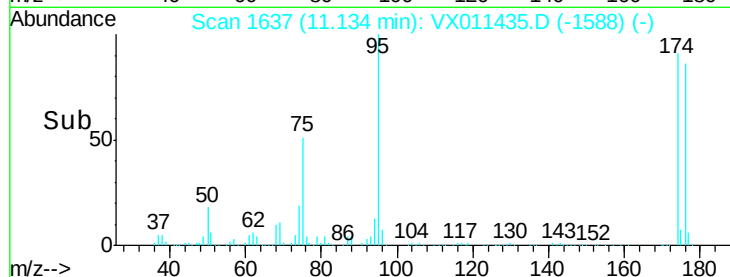
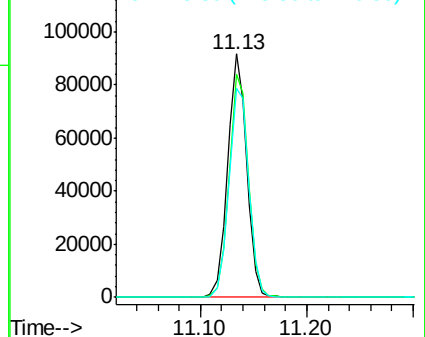
176 89.8 0.0 184.8



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: VX011435.D

Acq: 11 Aug 2019 16:39

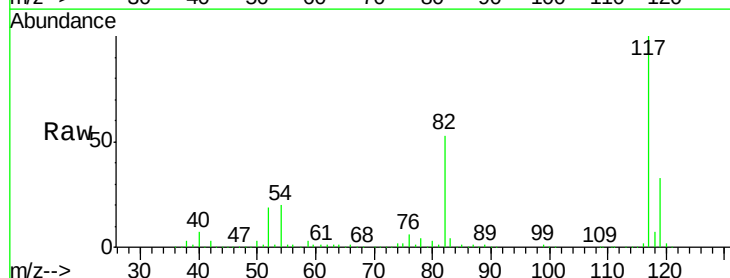
Tgt Ion: 117 Resp: 266428

Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.2

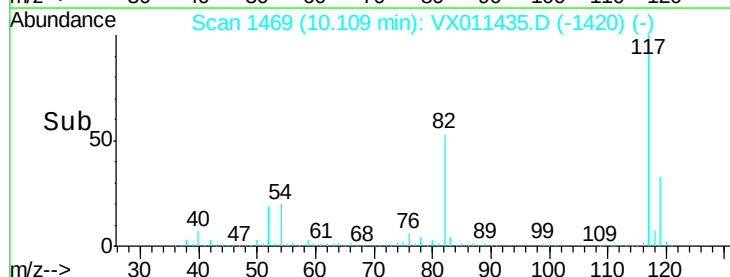
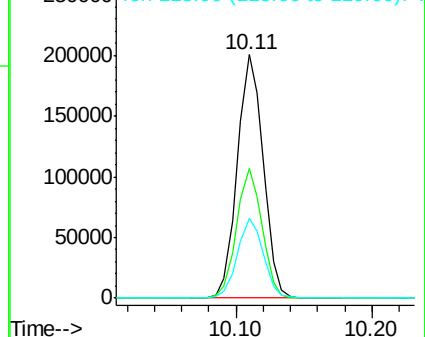
119 32.6 26.6 39.8

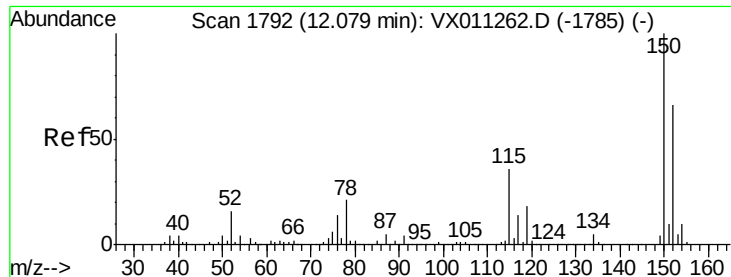


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

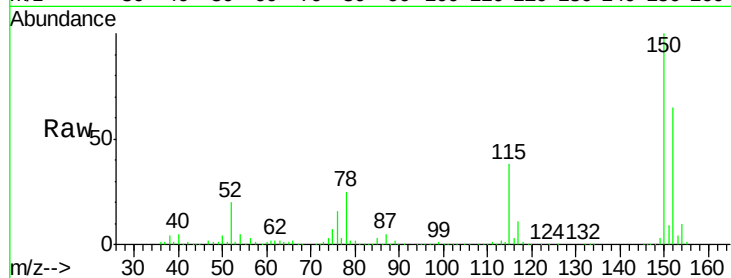




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011435.D
 Acq: 11 Aug 2019 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-12-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	40.0	119.9
150	157.0	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

