

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011453.D
 Acq On : 12 Aug 2019 00:48
 Operator : JC/SP
 Sample : K4294-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT-3425

Quant Time: Aug 12 08:32:03 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

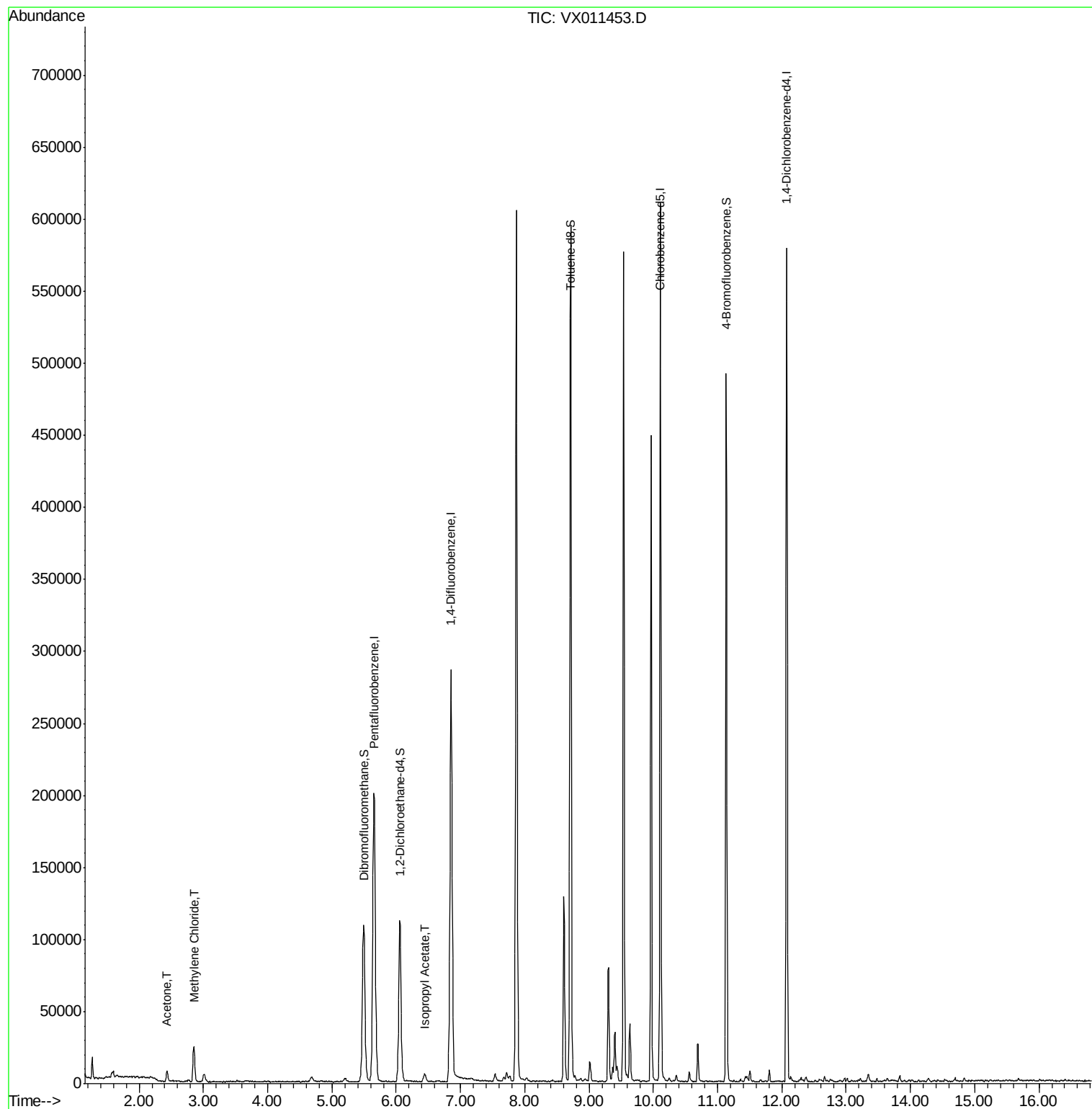
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	198895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106961	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
35) Dibromofluoromethane	5.49	113	90507	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
50) Toluene-d8	8.71	98	358154	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.13	95	117522	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
Target Compounds						
16) Acetone	2.43	43	7587	7.958	ug/l	93
20) Methylene Chloride	2.85	84	11681	5.594	ug/l	96
43) Isopropyl Acetate	6.44	43	7744	1.862	ug/l	96

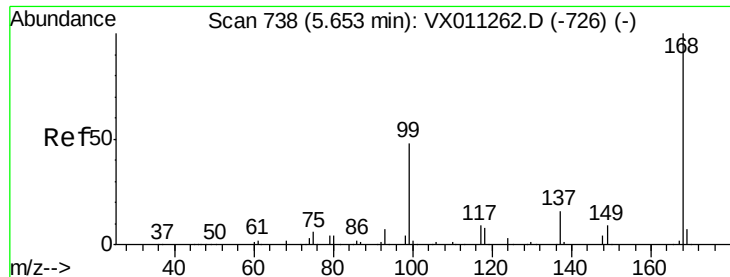
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011453.D

Acq: 12 Aug 2019 00:48

Instrument :

MSVOA_X

ClientSampleId :

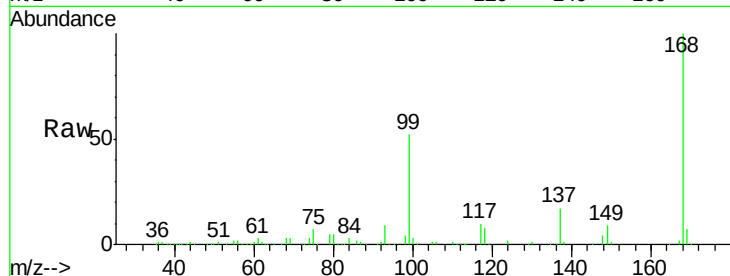
RT-3425

Tot Ion:168 Resp: 198895

Ion Ratio Lower Upper

168 100

99 51.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

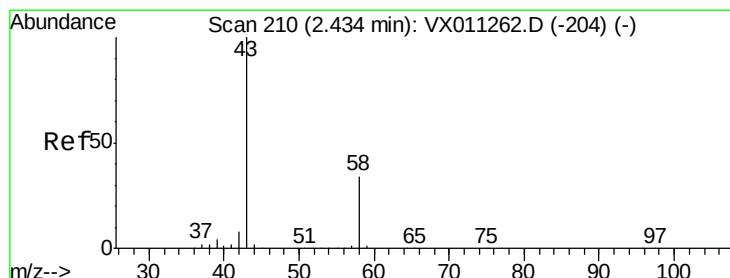
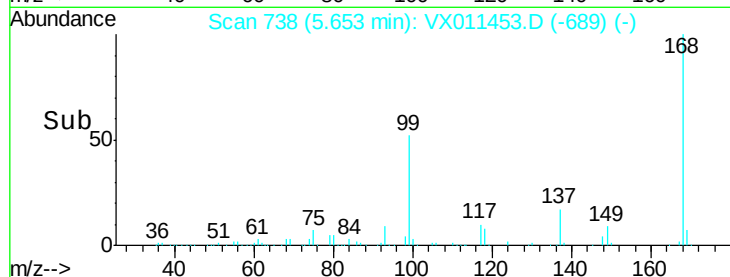
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.958 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011453.D

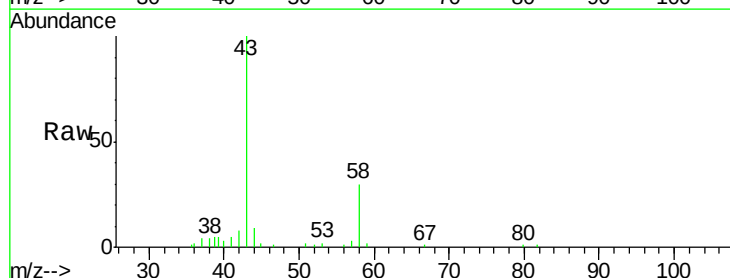
Acq: 12 Aug 2019 00:48

Tgt Ion: 43 Resp: 7587

Ion Ratio Lower Upper

43 100

58 30.2 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

5000

4000

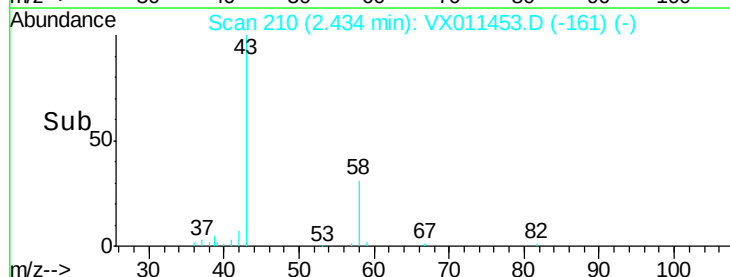
3000

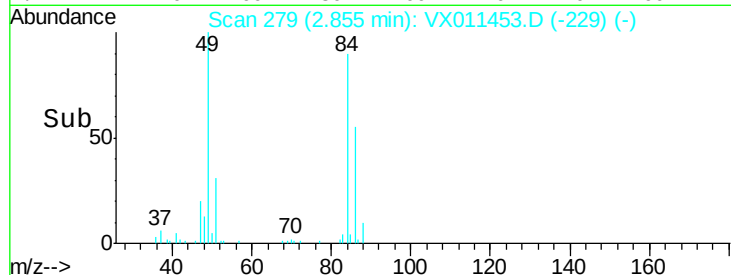
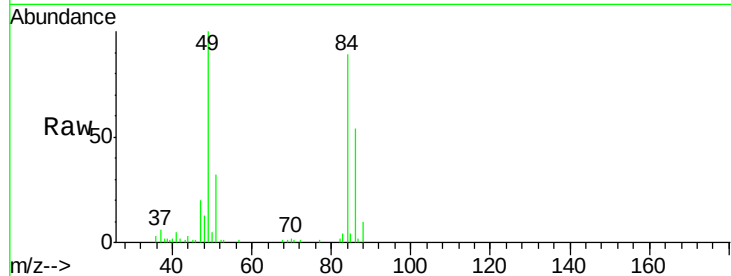
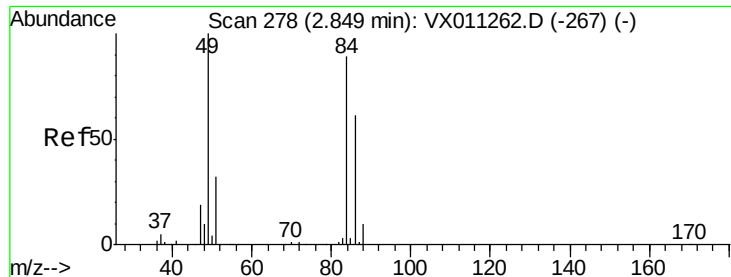
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

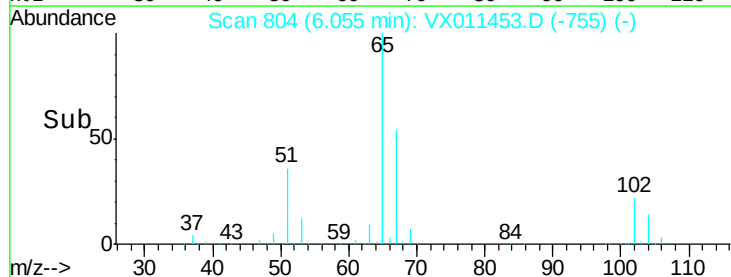
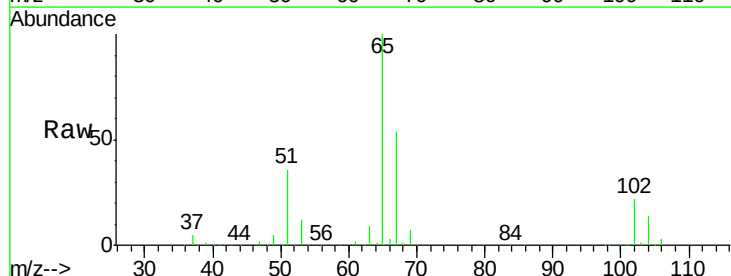
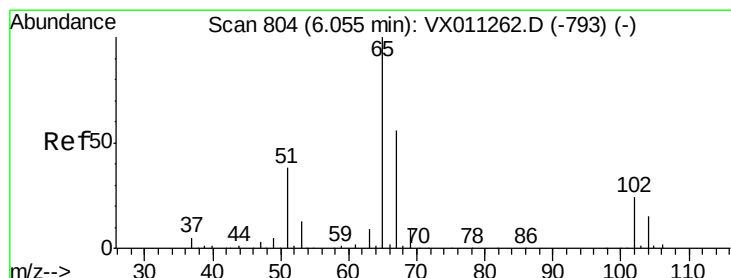
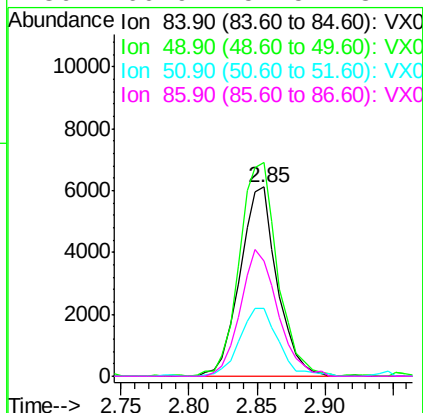




#20
Methylene Chloride
Concen: 5.594 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

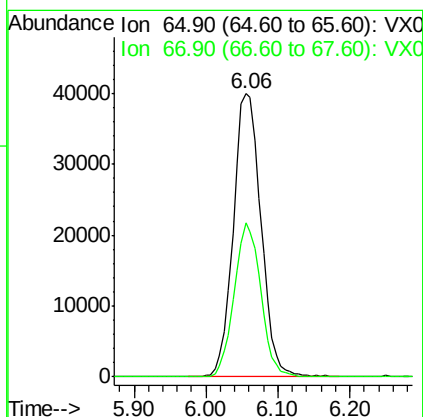
Instrument :
MSVOA_X
ClientSampled :
RT-3425

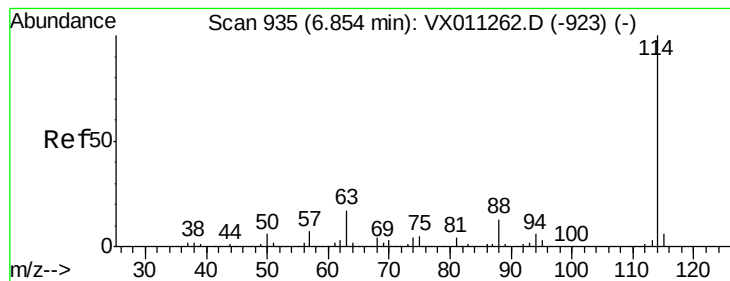
Tot Ion: 84 Resp: 11681
Ion Ratio Lower Upper
84 100
49 112.9 89.3 133.9
51 36.0 28.3 42.5
86 60.9 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 53.401 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 65 Resp: 106961
Ion Ratio Lower Upper
65 100
67 52.0 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: VX011453.D

Acq: 12 Aug 2019 00:48

Instrument :

MSVOA_X

ClientSampleId :

RT-3425

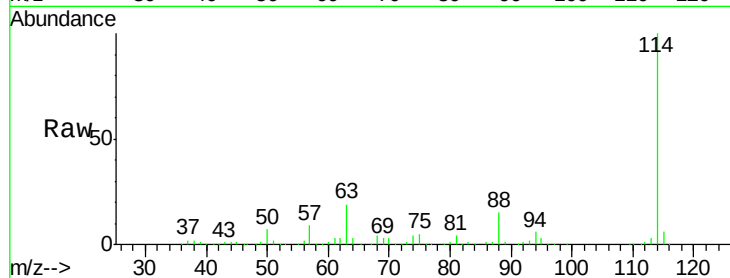
Tot Ion:114 Resp: 296981

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

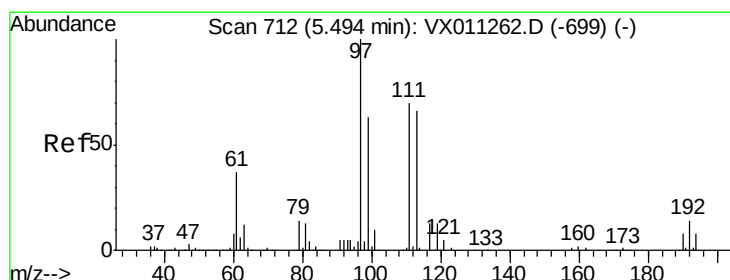
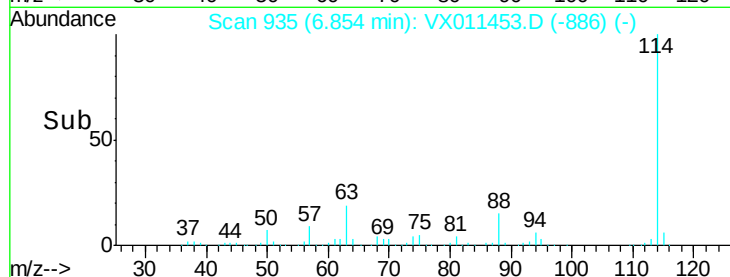
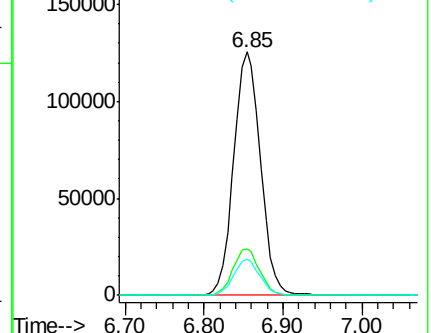
88 14.7 0.0 26.4



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: 46.679 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011453.D

Acq: 12 Aug 2019 00:48

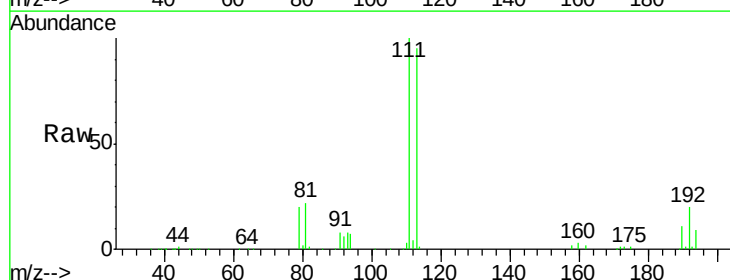
Tgt Ion:113 Resp: 90507

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

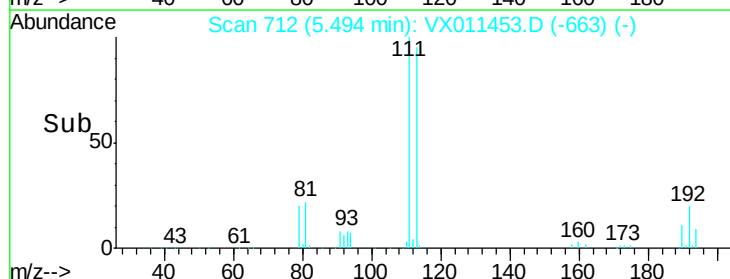
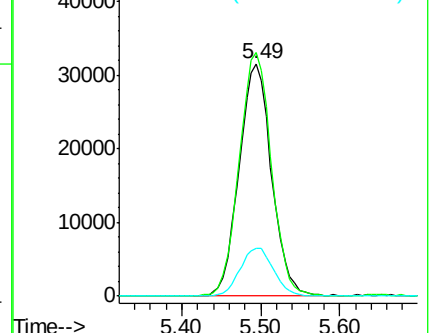
192 21.4 17.8 26.8

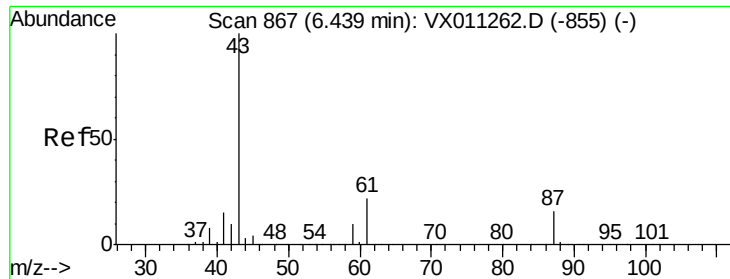


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.862 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011453.D

Acq: 12 Aug 2019 00:48

Instrument :

MSVOA_X

ClientSampleId :

RT-3425

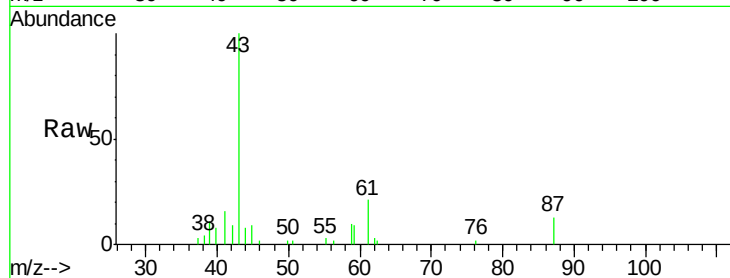
Tot Ion: 43 Resp: 7744

Ion Ratio Lower Upper

43 100

61 22.4 16.5 24.7

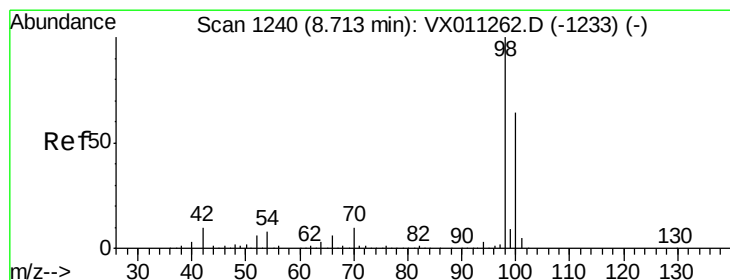
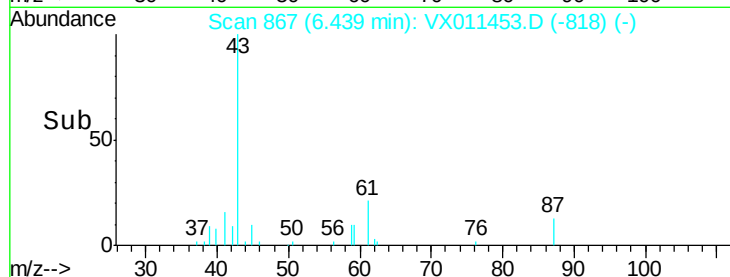
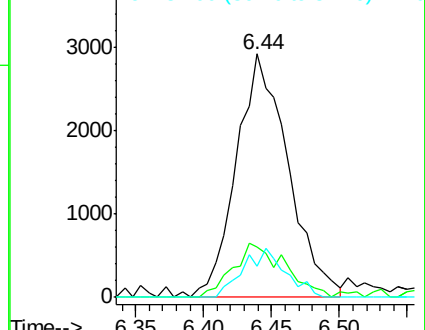
87 16.4 12.1 18.1



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: 48.936 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011453.D

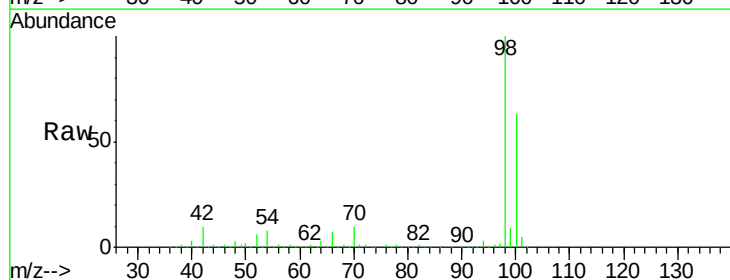
Acq: 12 Aug 2019 00:48

Tgt Ion: 98 Resp: 358154

Ion Ratio Lower Upper

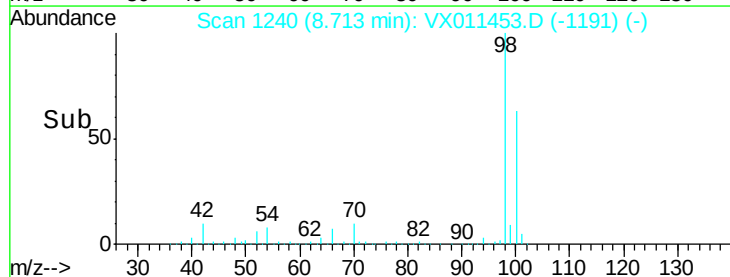
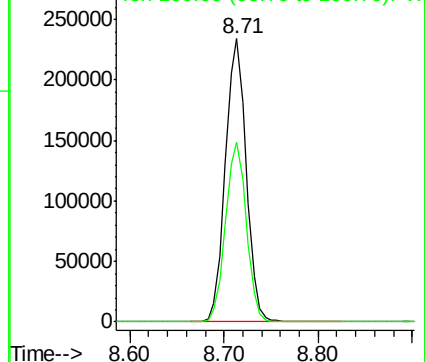
98 100

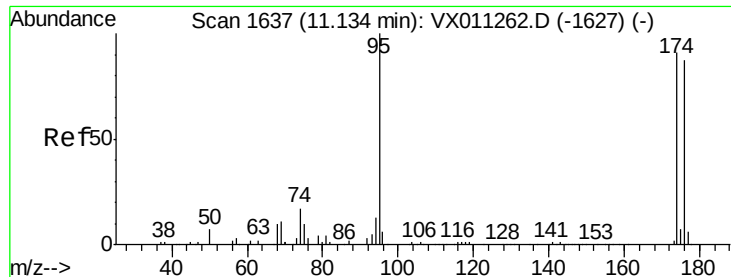
100 63.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

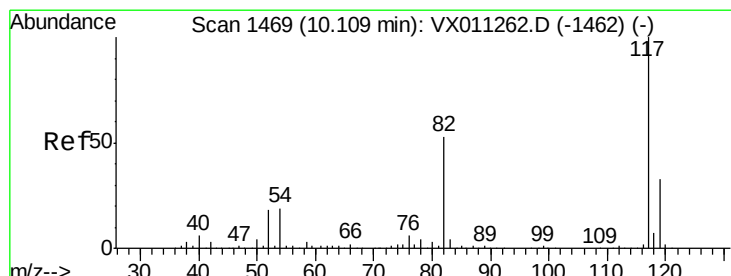
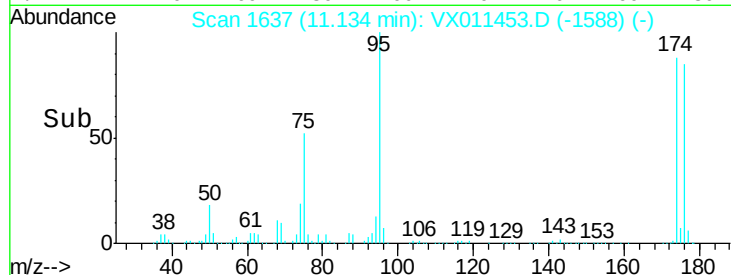
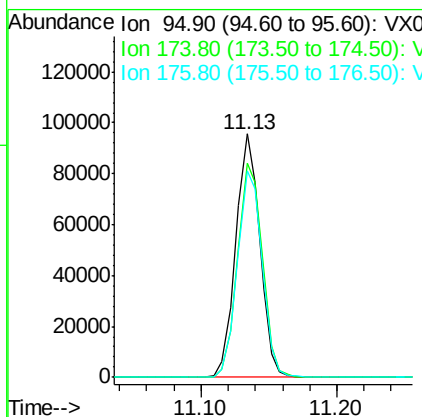
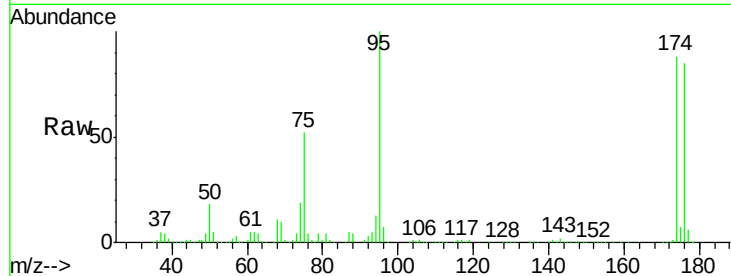




#62
4-Bromofluorobenzene
Concen: 44.975 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

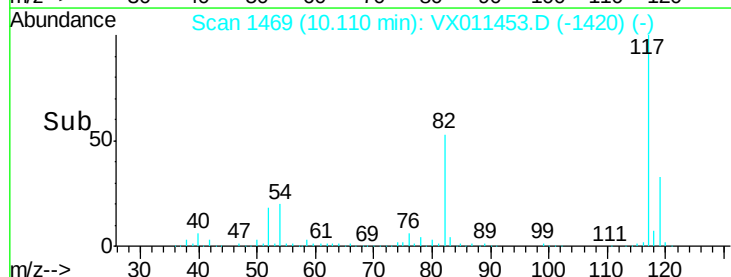
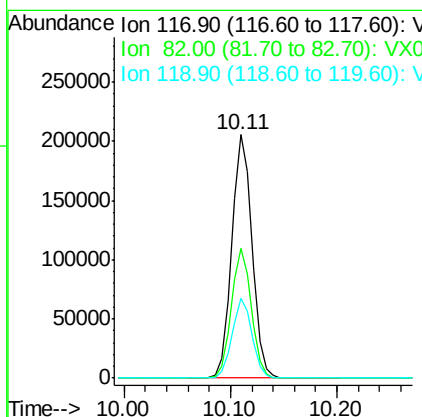
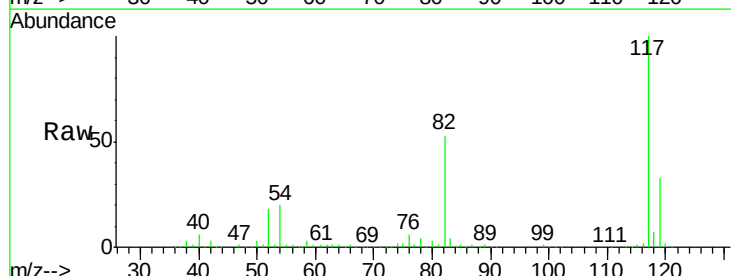
Instrument :
MSVOA_X
ClientSampleId :
RT-3425

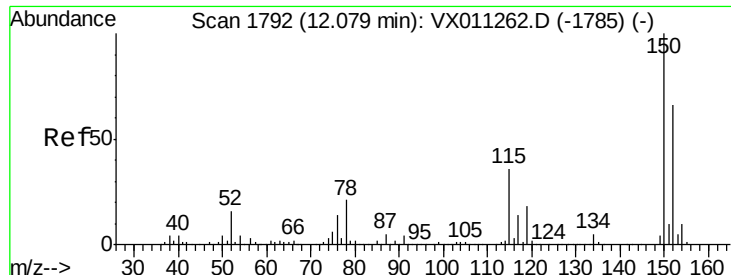
Tot Ion: 95 Resp: 117522
Ion Ratio Lower Upper
95 100
174 91.0 0.0 191.2
176 87.5 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 117 Resp: 274911
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 32.9 26.6 39.8

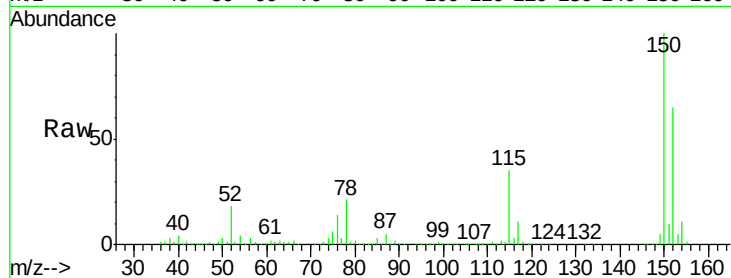




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011453.D
 Acq: 12 Aug 2019 00:48

Instrument :
 MSVOA_X
 ClientSampleId :
 RT-3425

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	40.0	119.9
150	155.6	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

