

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008142.D
 Acq On : 16 Mar 2019 15:48
 Operator : JC/SP
 Sample : K1905-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT-3483

Quant Time: Mar 18 02:01:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

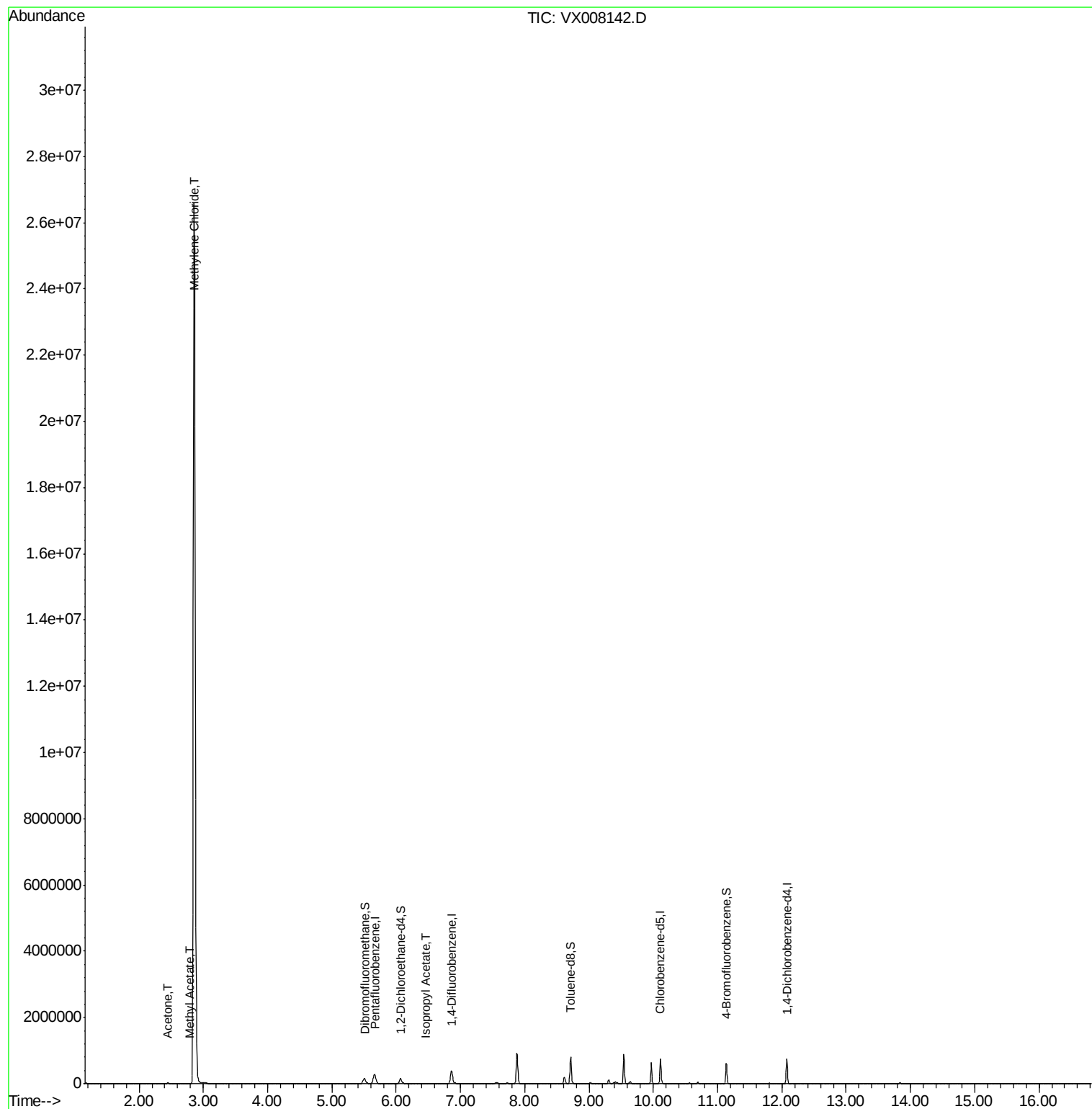
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	420374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139677	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.46%	
35) Dibromofluoromethane	5.51	113	127674	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	8.71	98	486405	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.13	95	160108	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
Target Compounds						
16) Acetone	2.45	43	17229	11.688	ug/l	98
18) Methyl Acetate	2.79	43	9328	2.928	ug/l	92
20) Methylene Chloride	2.85	84	13884668	5273.926	ug/l	87
43) Isopropyl Acetate	6.46	43	8113	1.355	ug/l #	94

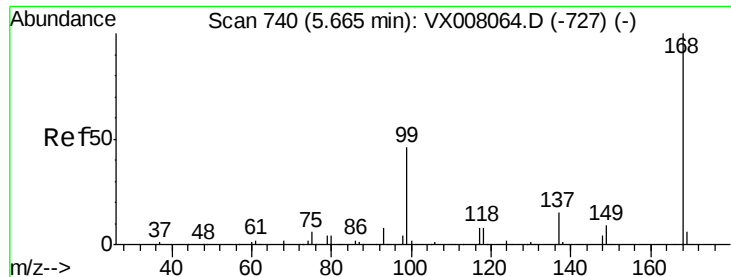
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008142.D

Acq: 16 Mar 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

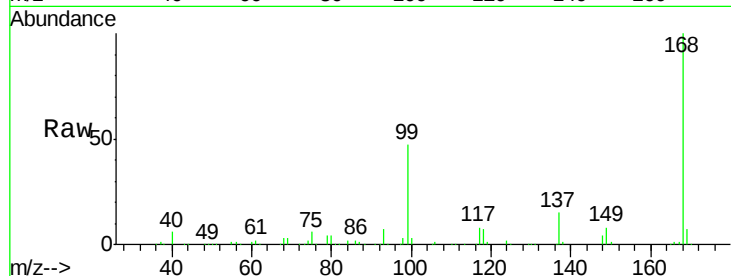
RT-3483

Tot Ion:168 Resp: 309531

Ion Ratio Lower Upper

168 100

99 46.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

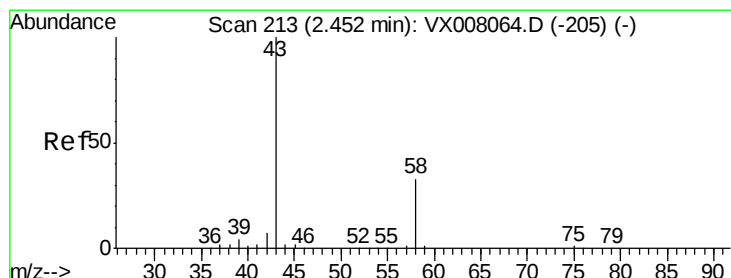
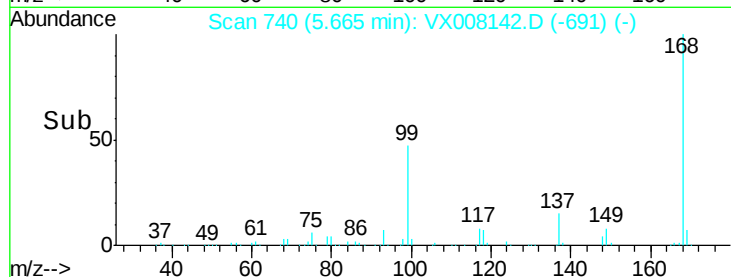
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.688 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008142.D

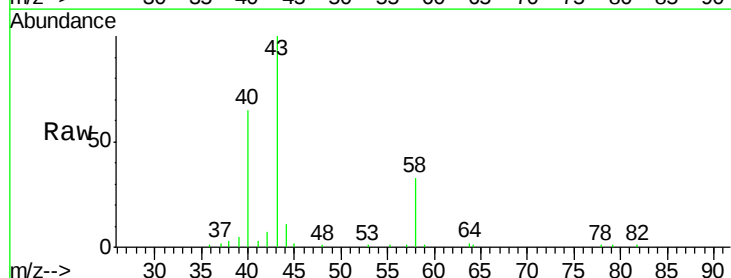
Acq: 16 Mar 2019 15:48

Tgt Ion: 43 Resp: 17229

Ion Ratio Lower Upper

43 100

58 33.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

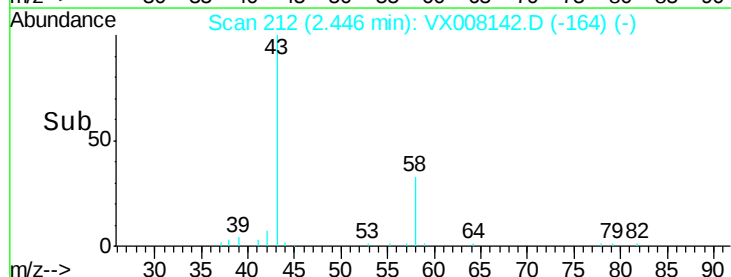
6000

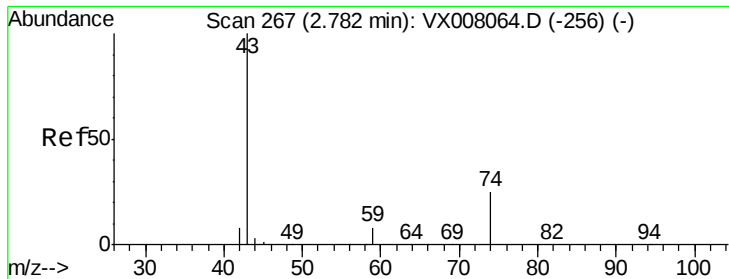
4000

2000

0

Time--> 2.40 2.50

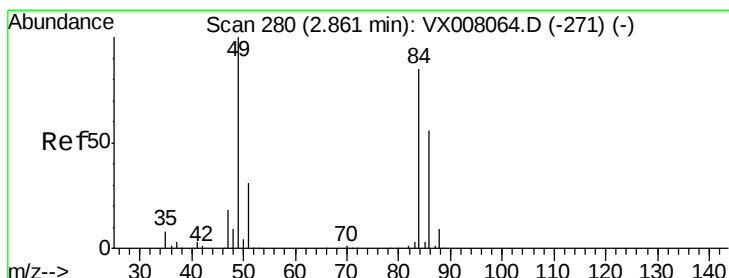
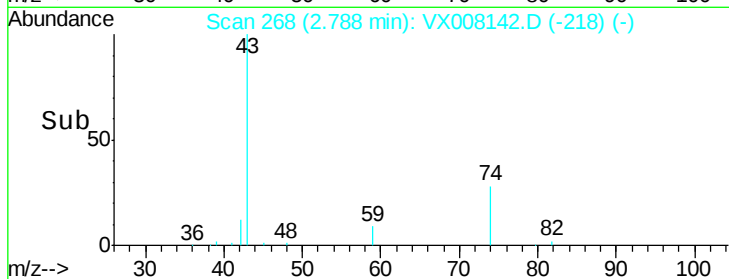
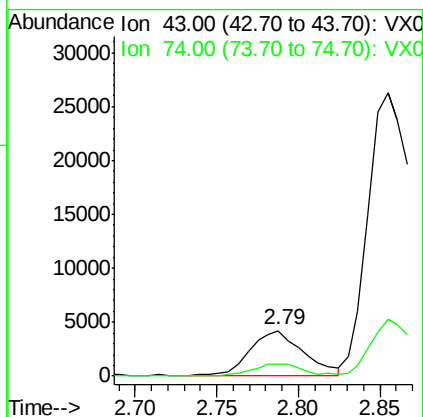
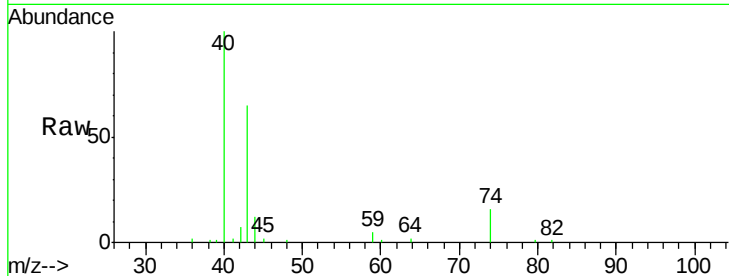




#18
Methyl Acetate
Concen: 2.928 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX008142.D
Acq: 16 Mar 2019 15:48

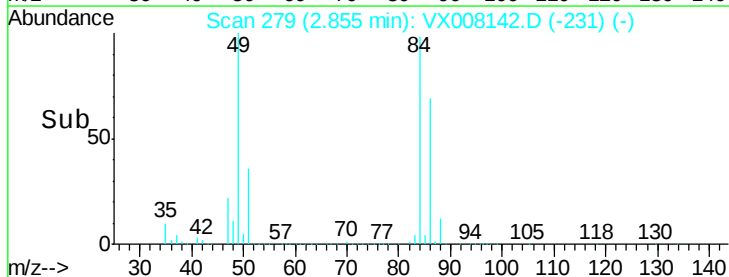
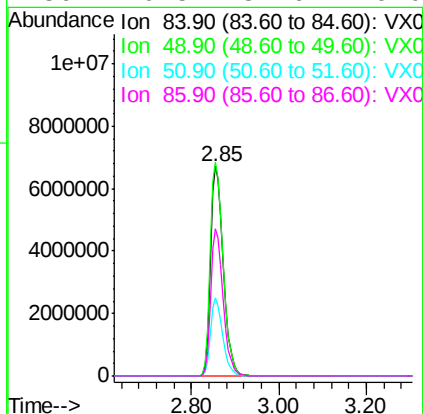
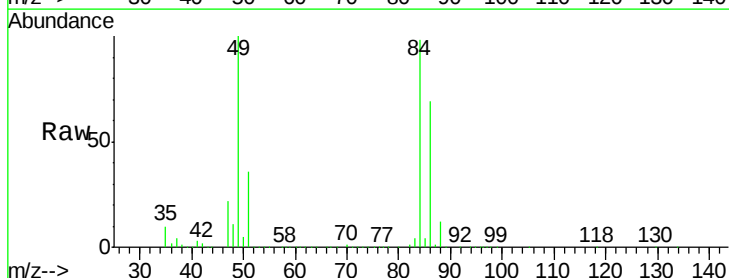
Instrument :
MSVOA_X
ClientSampleId :
RT-3483

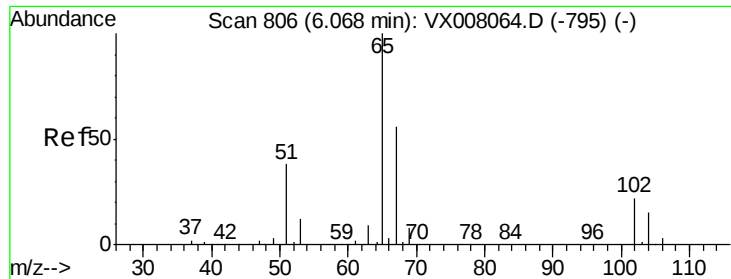
Tot Ion: 43 Resp: 9328
Ion Ratio Lower Upper
43 100
74 26.1 17.8 26.6



#20
Methylene Chloride
Concen: 5273.926 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008142.D
Acq: 16 Mar 2019 15:48

Tgt Ion: 84 Resp: 13884668
Ion Ratio Lower Upper
84 100
49 101.9 99.3 148.9
51 37.1 31.3 46.9
86 70.5 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 44.734 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008142.D

Acq: 16 Mar 2019 15:48

Instrument :

MSVOA_X

ClientSampled :

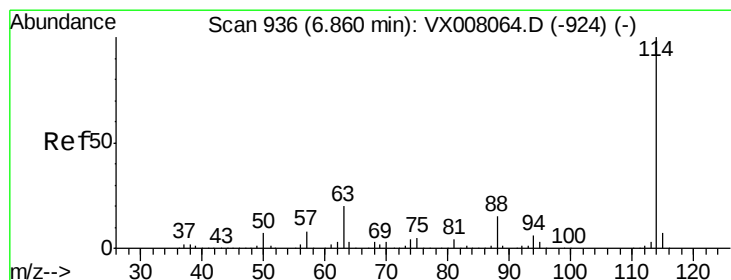
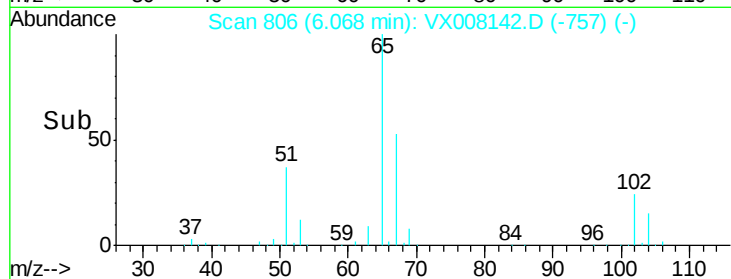
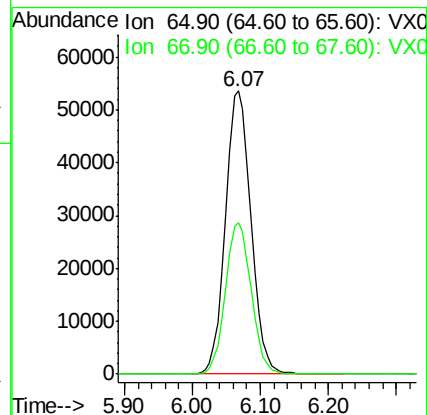
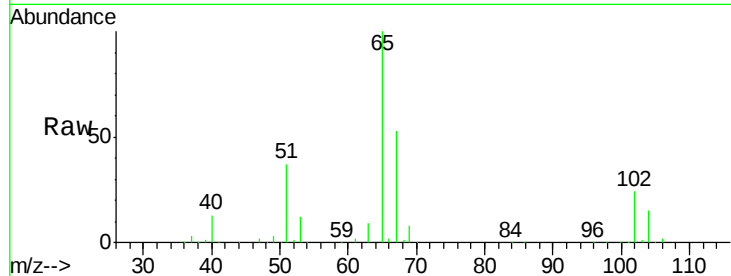
RT-3483

Tot Ion: 65 Resp: 139677

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008142.D

Acq: 16 Mar 2019 15:48

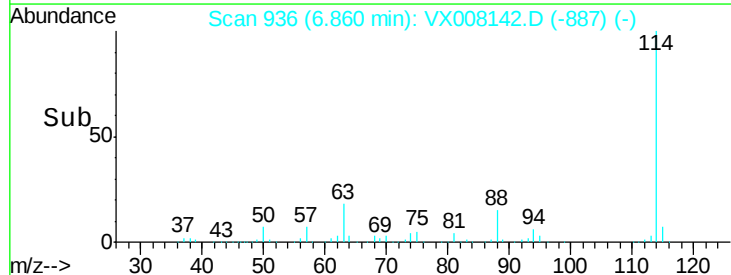
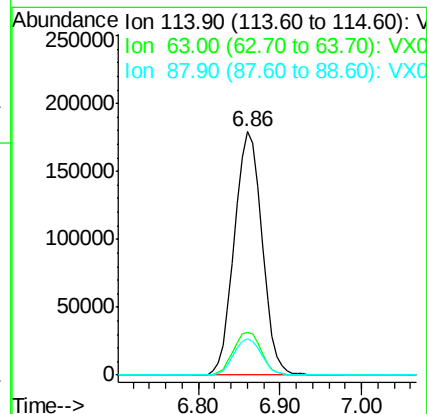
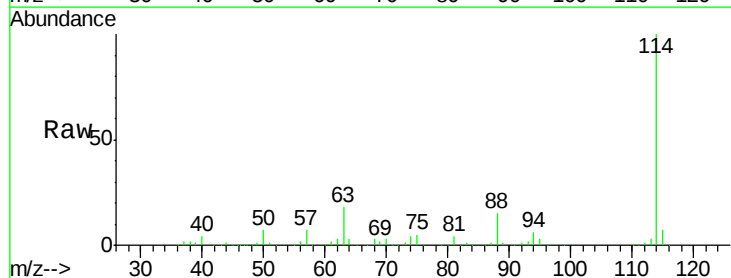
Tgt Ion: 114 Resp: 420374

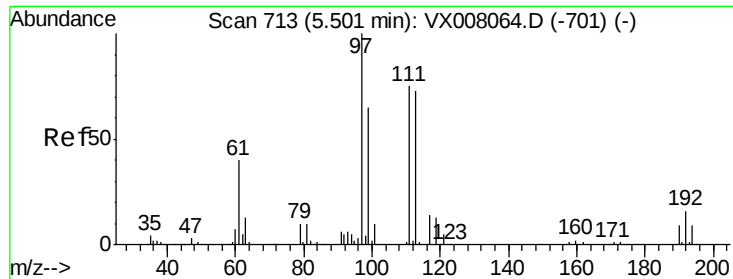
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.8

88 14.8 0.0 31.4

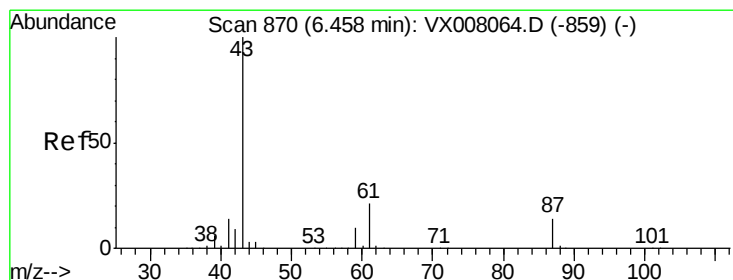
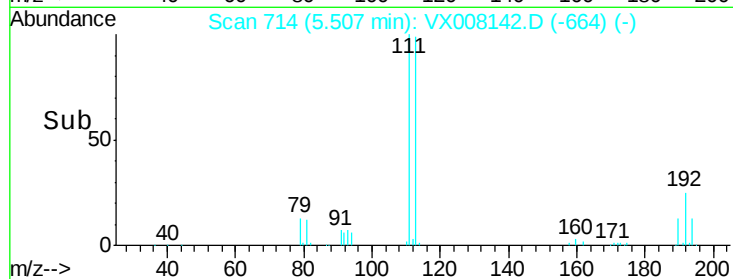
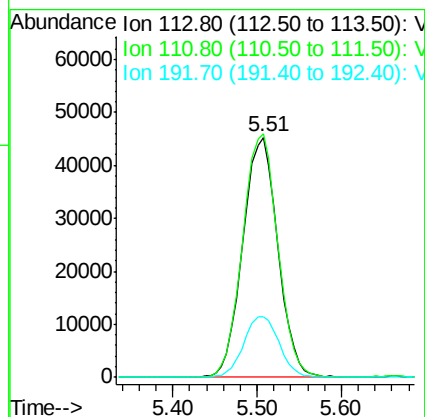
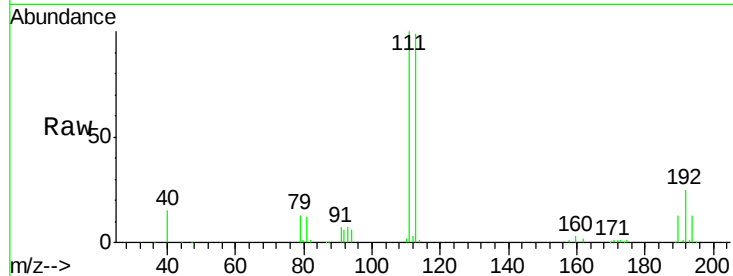




#35
 Dibromofluoromethane
 Concen: 47.894 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX008142.D
 Acq: 16 Mar 2019 15:48

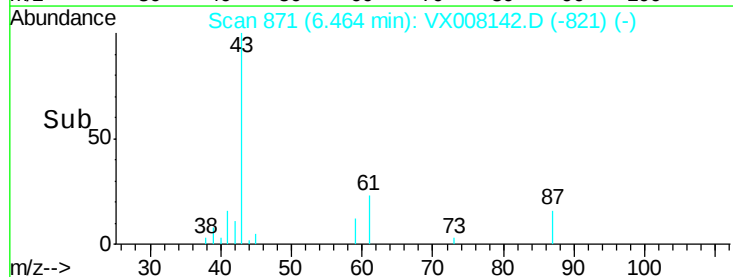
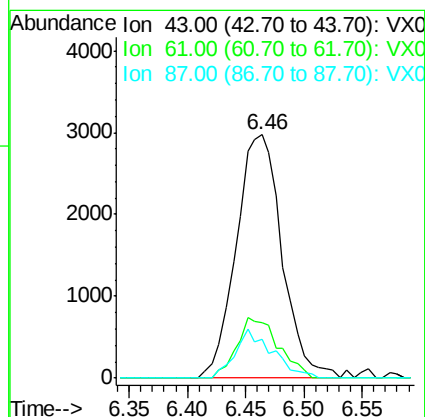
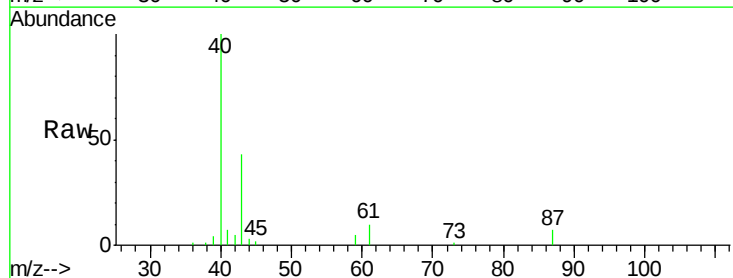
Instrument :
 MSVOA_X
 ClientSampled :
 RT-3483

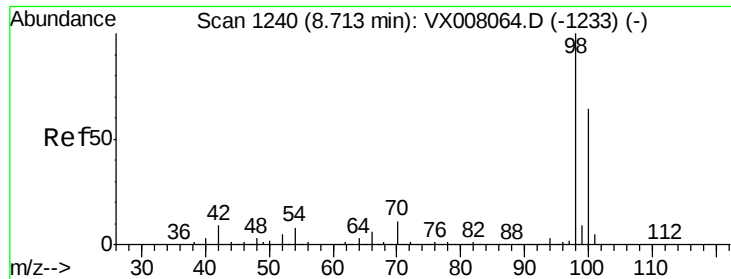
Tot Ion:113 Resp: 127674
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 25.7 19.4 29.0



#43
 Isopropyl Acetate
 Concen: 1.355 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX008142.D
 Acq: 16 Mar 2019 15:48

Tgt Ion: 43 Resp: 8113
 Ion Ratio Lower Upper
 43 100
 61 22.5 16.3 24.5
 87 16.4 10.5 15.7#

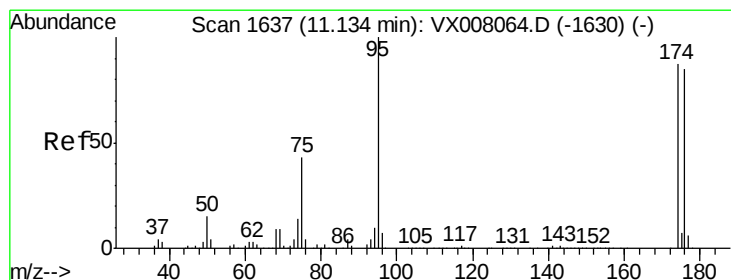
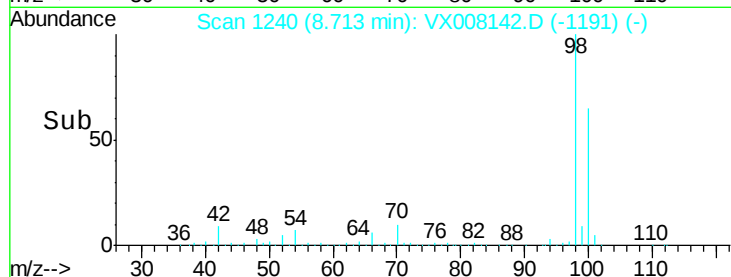
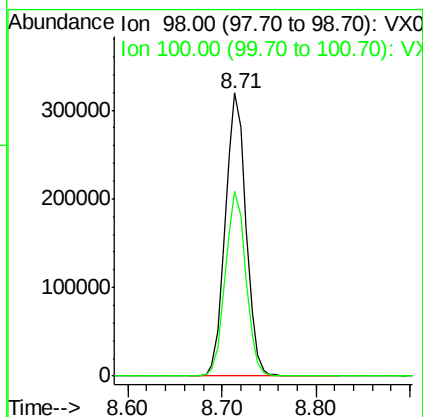
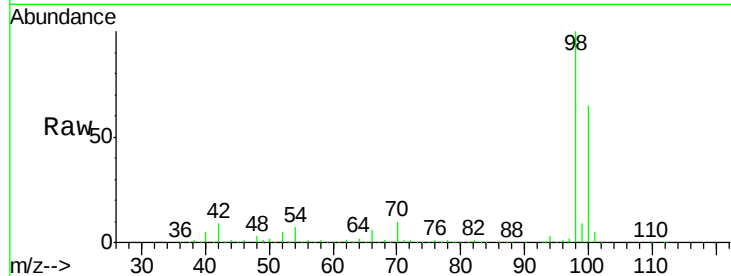




#50
Toluene-d8
Concen: 47.975 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008142.D
Acq: 16 Mar 2019 15:48

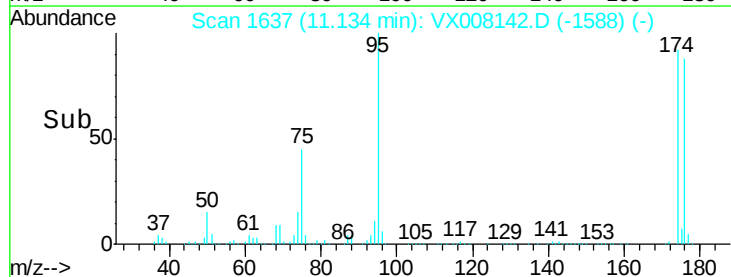
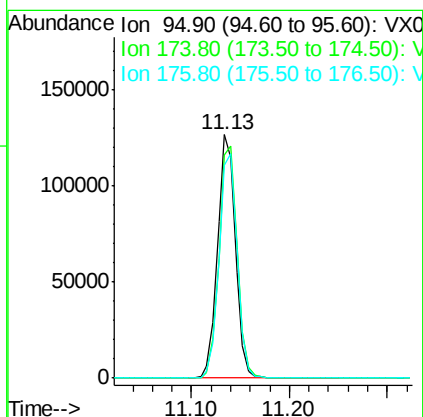
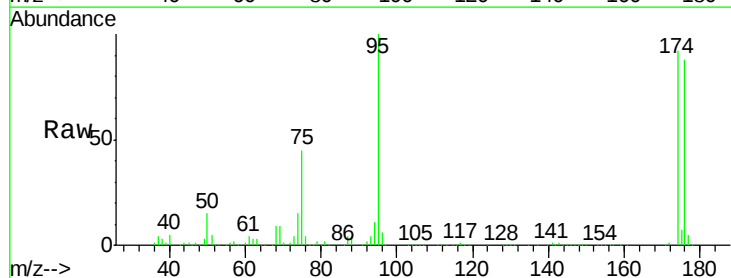
Instrument :
MSVOA_X
ClientSampleId :
RT-3483

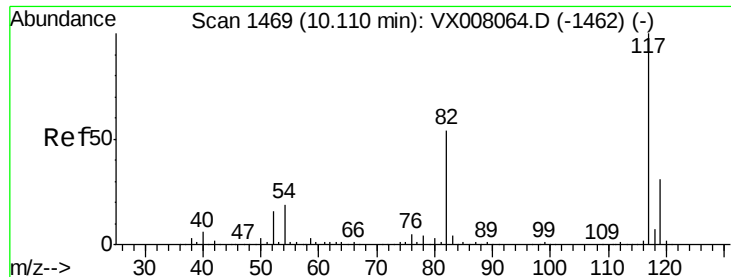
Tot Ion: 98 Resp: 486405
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.082 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008142.D
Acq: 16 Mar 2019 15:48

Tgt Ion: 95 Resp: 160108
Ion Ratio Lower Upper
95 100
174 97.3 0.0 182.8
176 94.1 0.0 178.0

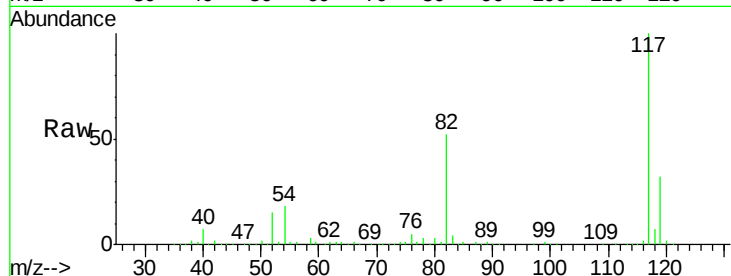




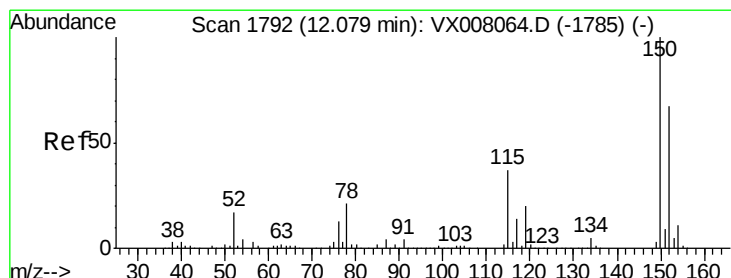
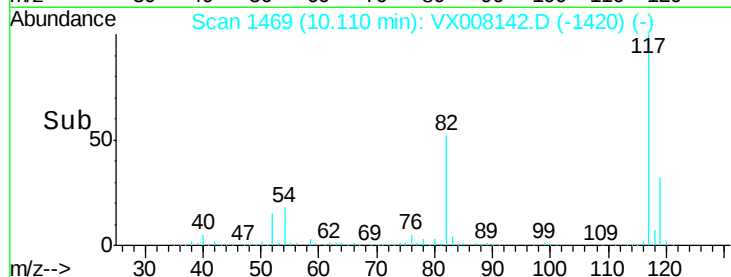
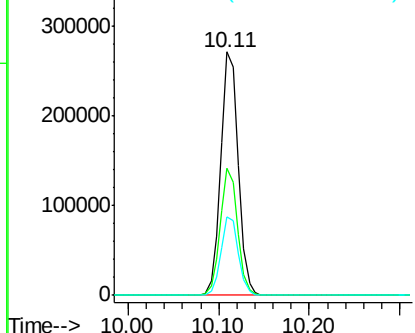
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008142.D
Acq: 16 Mar 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3483

Tot Ion:117 Resp: 365729
Ion Ratio Lower Upper
117 100
82 52.1 44.3 66.5
119 32.3 25.3 37.9

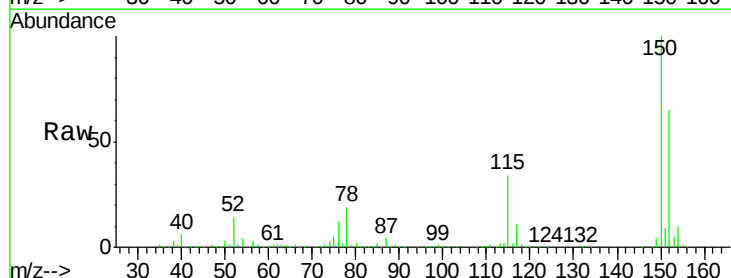


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008142.D
Acq: 16 Mar 2019 15:48

Tgt Ion:152 Resp: 166482
Ion Ratio Lower Upper
152 100
115 53.8 38.6 115.7
150 155.7 0.0 348.4



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

