

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008140.D
 Acq On : 16 Mar 2019 14:54
 Operator : JC/SP
 Sample : K1905-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT5124

Quant Time: Mar 18 01:42:57 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

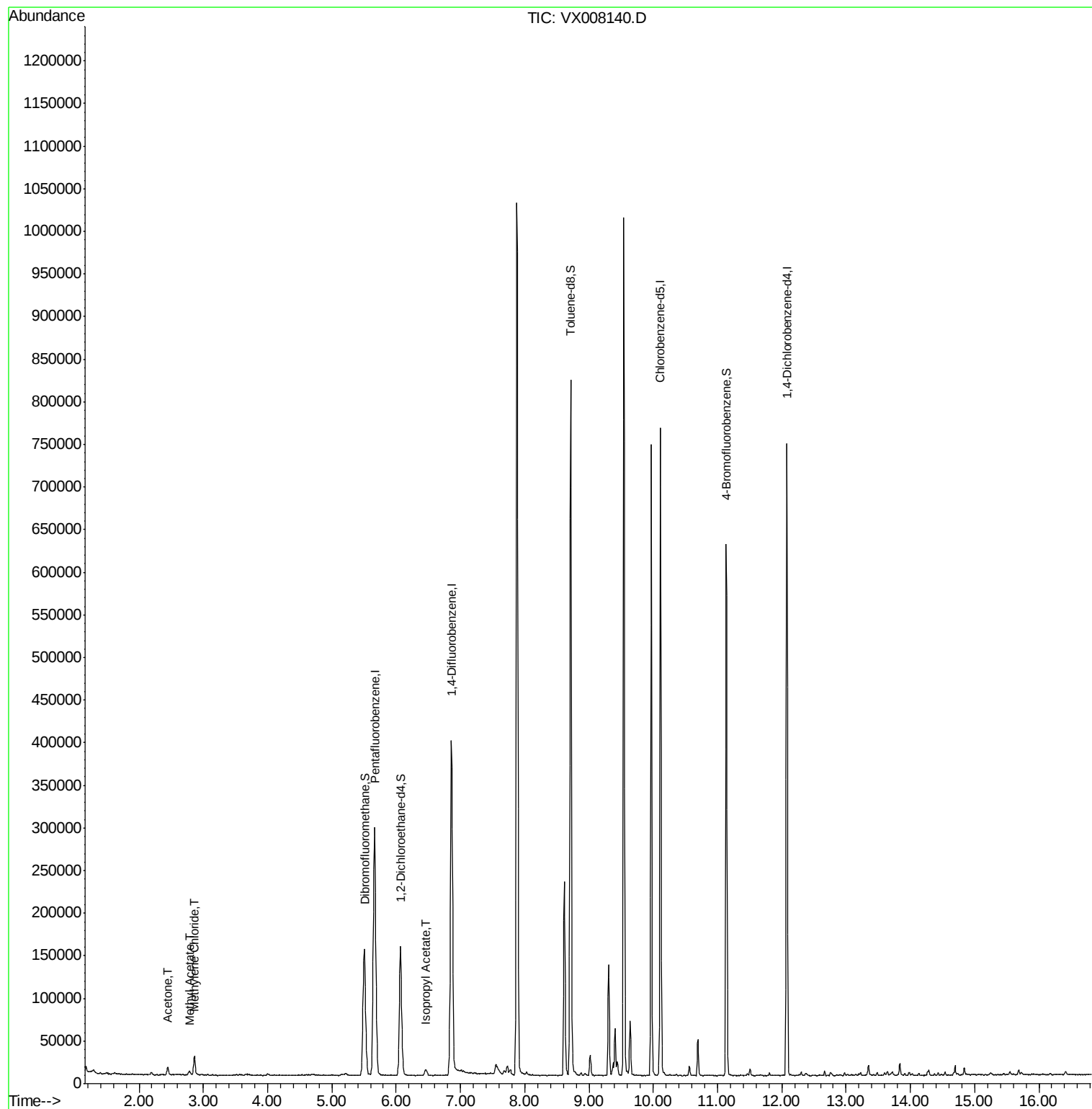
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	424559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	372150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139476	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
35) Dibromofluoromethane	5.50	113	128421	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	8.71	98	495016	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	163728	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
Target Compounds						
16) Acetone	2.45	43	10485	7.022	ug/l	98
18) Methyl Acetate	2.78	43	6947	2.153	ug/l	92
20) Methylene Chloride	2.86	84	10054	3.770	ug/l	91
43) Isopropyl Acetate	6.46	43	9571	1.583	ug/l	98

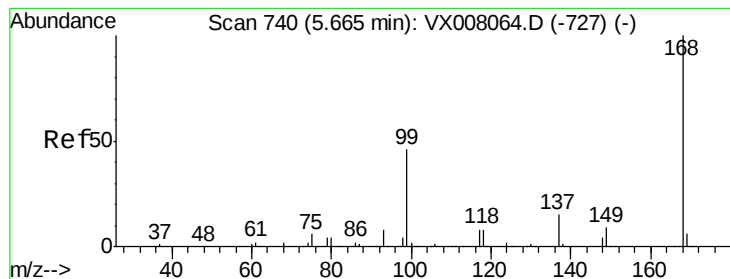
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008140.D

Acq: 16 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

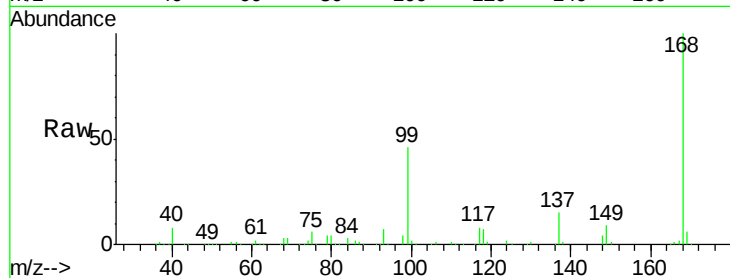
RT5124

Tot Ion:168 Resp: 313545

Ion Ratio Lower Upper

168 100

99 45.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

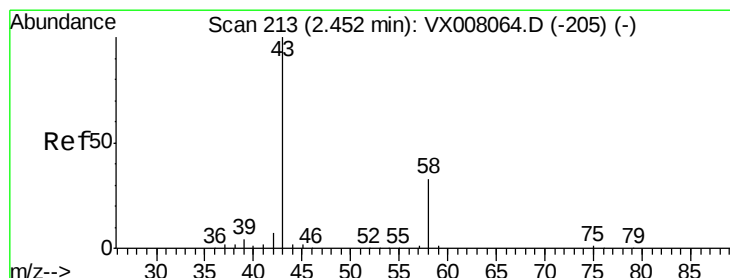
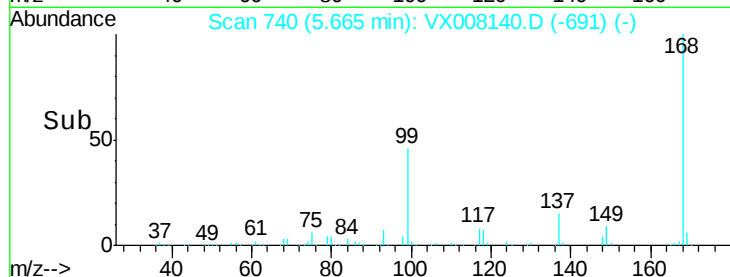
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.022 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008140.D

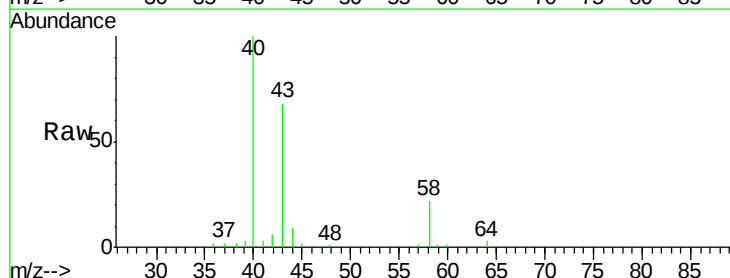
Acq: 16 Mar 2019 14:54

Tgt Ion: 43 Resp: 10485

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

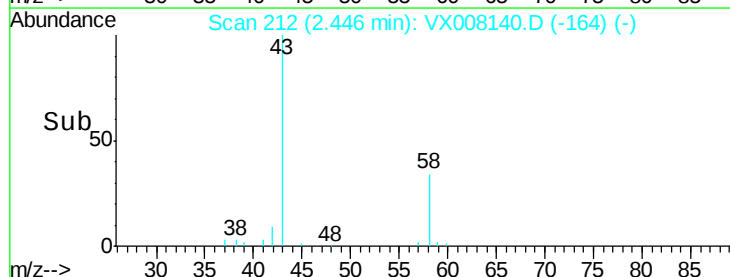
6000

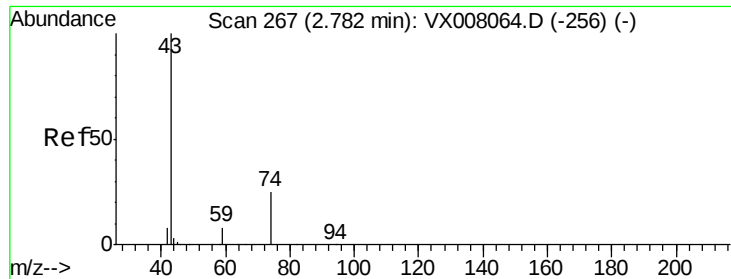
4000

2000

0

Time--> 2.40 2.50

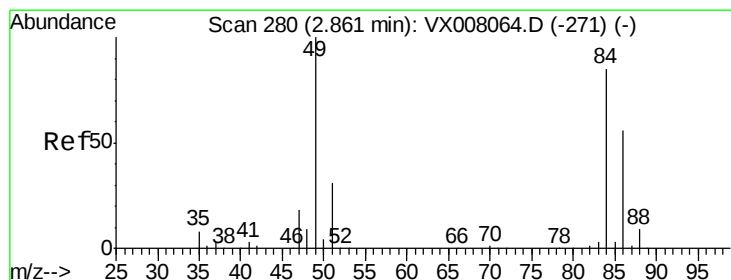
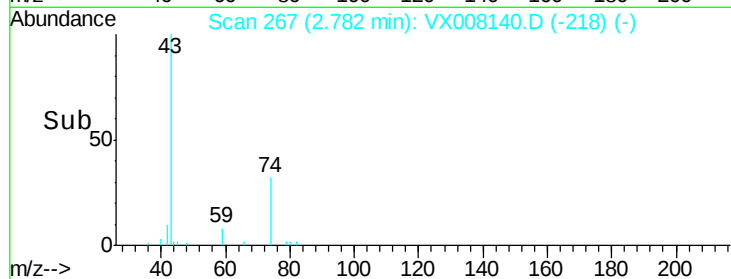
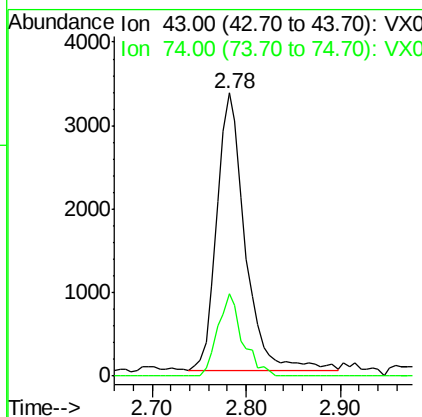
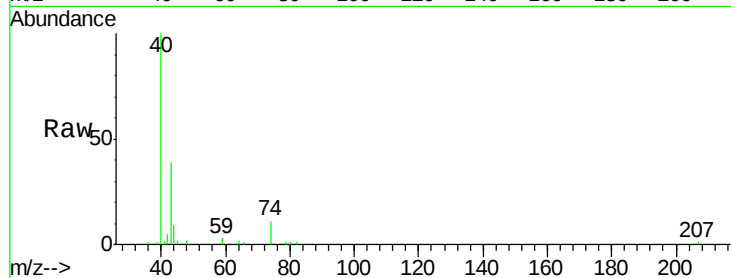




#18
Methyl Acetate
Concen: 2.153 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008140.D
Acq: 16 Mar 2019 14:54

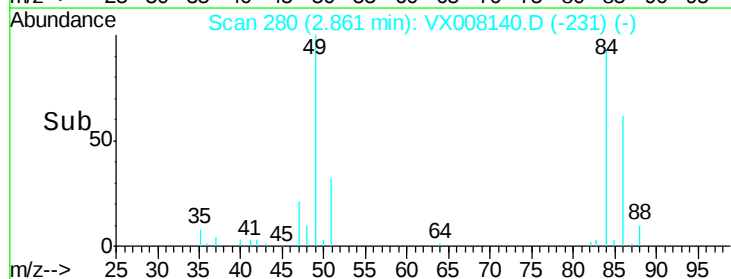
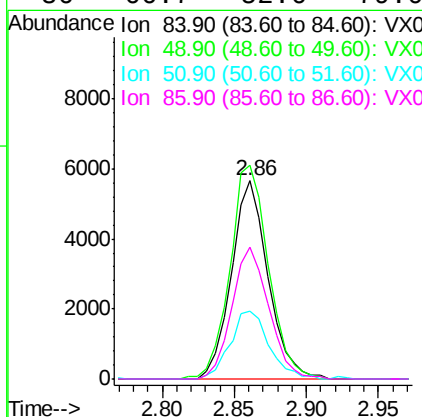
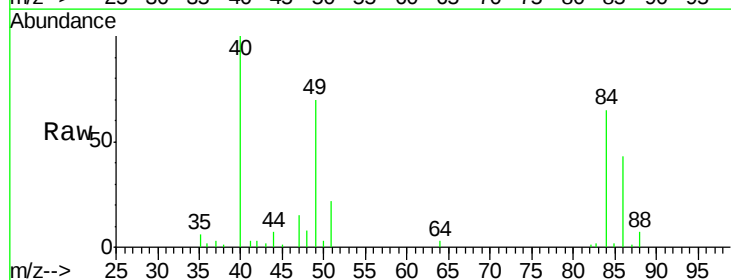
Instrument :
MSVOA_X
ClientSampleId :
RT5124

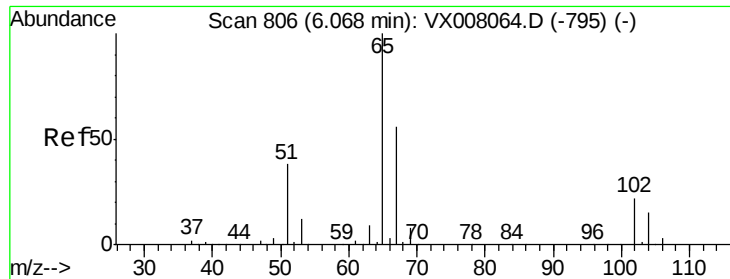
Tot Ion: 43 Resp: 6947
Ion Ratio Lower Upper
43 100
74 25.8 17.8 26.6



#20
Methylene Chloride
Concen: 3.770 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008140.D
Acq: 16 Mar 2019 14:54

Tgt Ion: 84 Resp: 10054
Ion Ratio Lower Upper
84 100
49 107.9 99.3 148.9
51 34.0 31.3 46.9
86 66.7 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 44.098 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008140.D

Acq: 16 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampled :

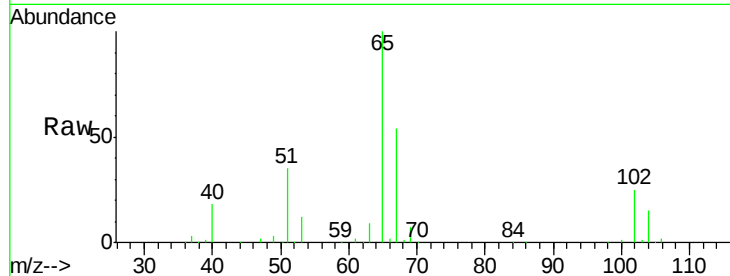
RT5124

Tot Ion: 65 Resp: 139476

Ion Ratio Lower Upper

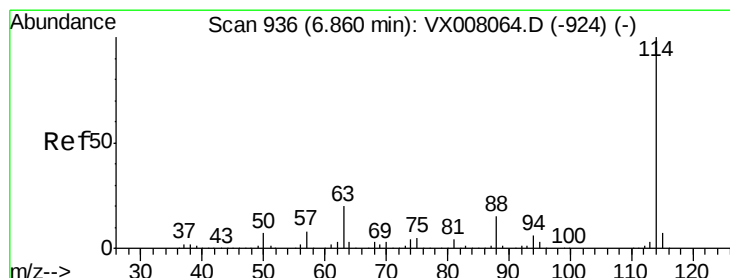
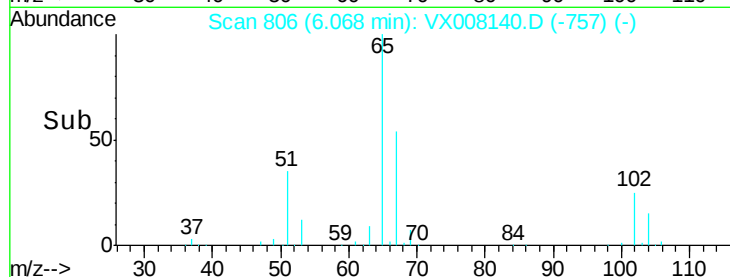
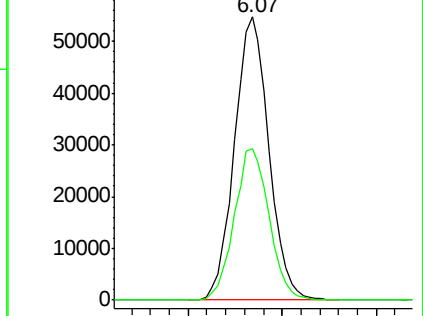
65 100

67 54.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008140.D

Acq: 16 Mar 2019 14:54

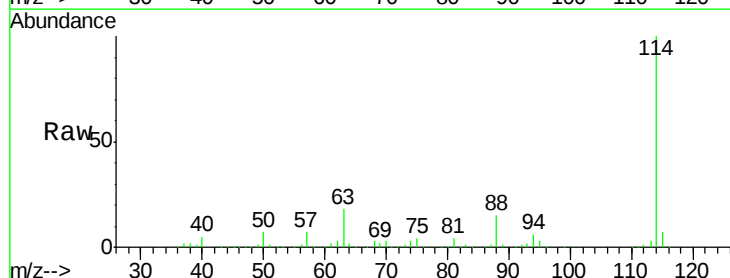
Tgt Ion: 114 Resp: 424559

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.8

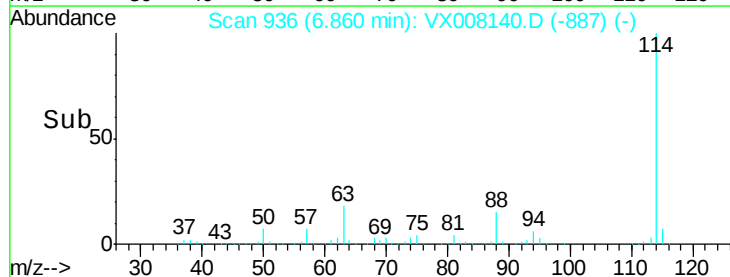
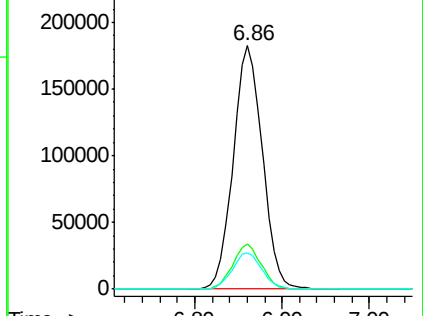
88 15.0 0.0 31.4

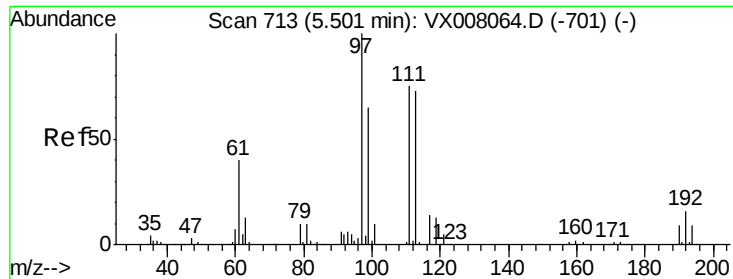


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

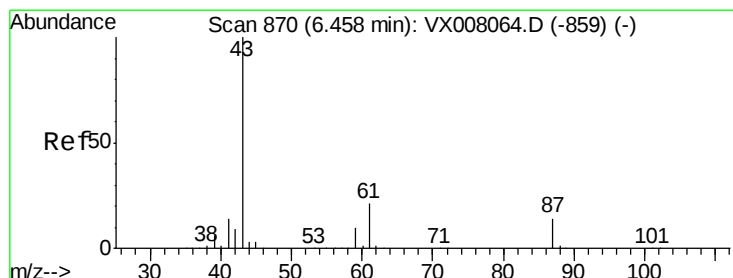
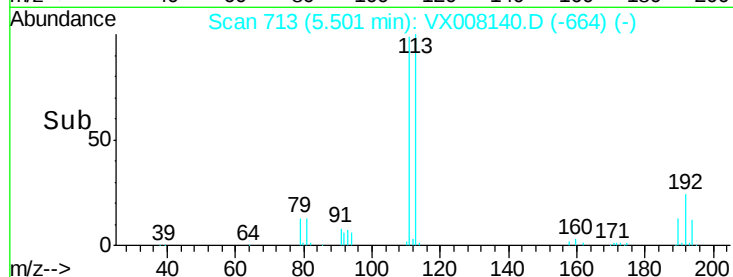
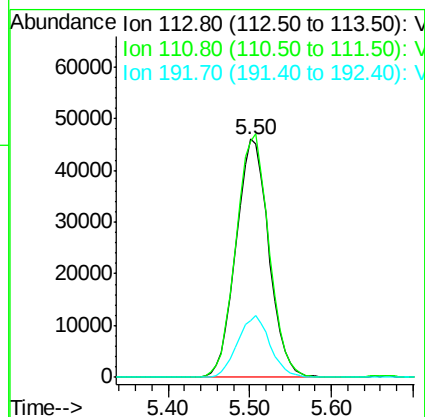
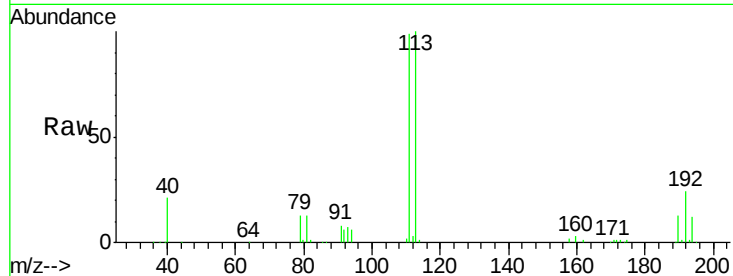




#35
 Dibromofluoromethane
 Concen: 47.699 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008140.D
 Acq: 16 Mar 2019 14:54

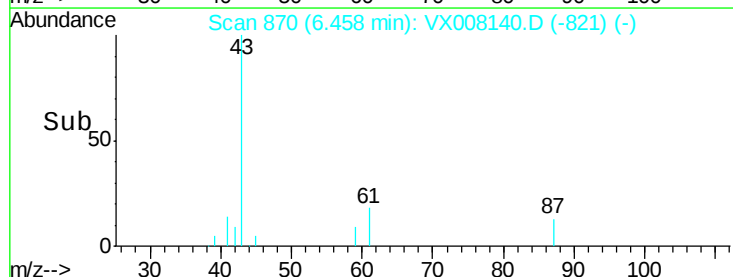
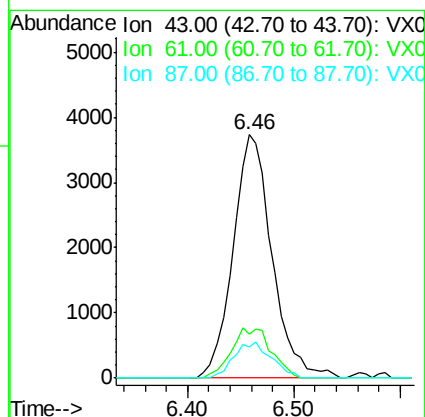
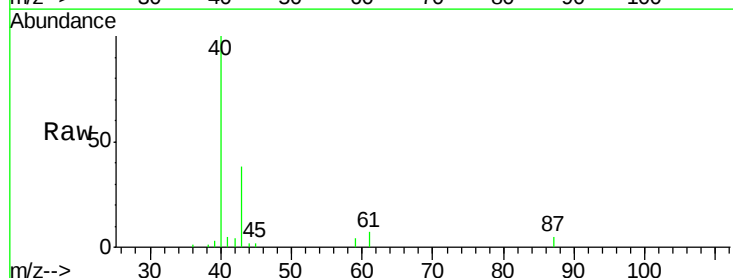
Instrument :
 MSVOA_X
 ClientSampled :
 RT5124

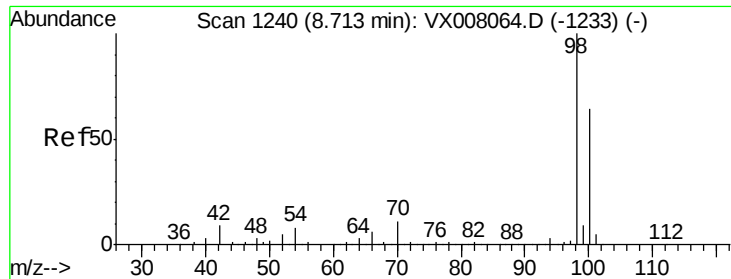
Tot Ion:113 Resp: 128421
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 25.6 19.4 29.0



#43
 Isopropyl Acetate
 Concen: 1.583 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX008140.D
 Acq: 16 Mar 2019 14:54

Tgt Ion: 43 Resp: 9571
 Ion Ratio Lower Upper
 43 100
 61 21.1 16.3 24.5
 87 14.3 10.5 15.7





#50

Toluene-d8

Concen: 48.343 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008140.D

Acq: 16 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

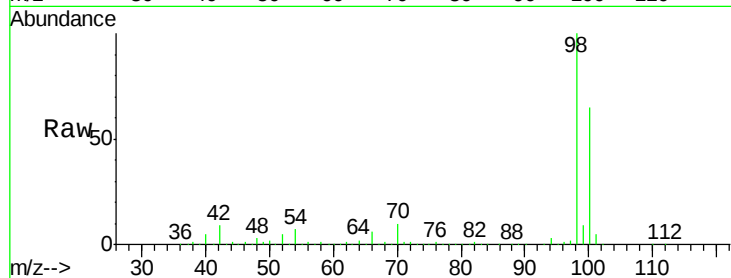
RT5124

Tot Ion: 98 Resp: 495016

Ion Ratio Lower Upper

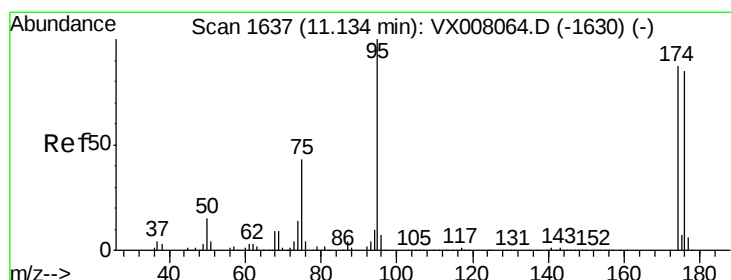
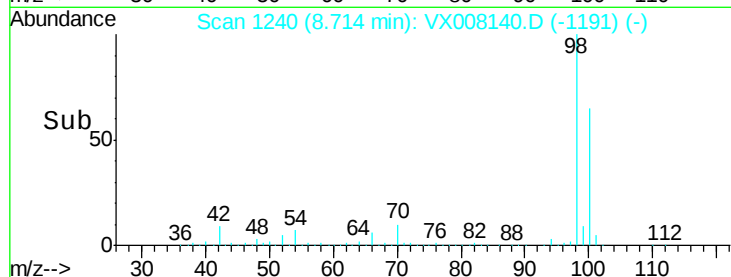
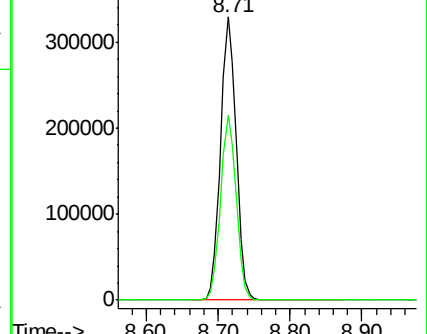
98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.634 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008140.D

Acq: 16 Mar 2019 14:54

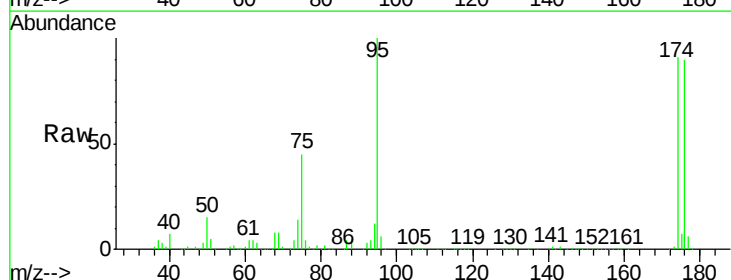
Tgt Ion: 95 Resp: 163728

Ion Ratio Lower Upper

95 100

174 96.9 0.0 182.8

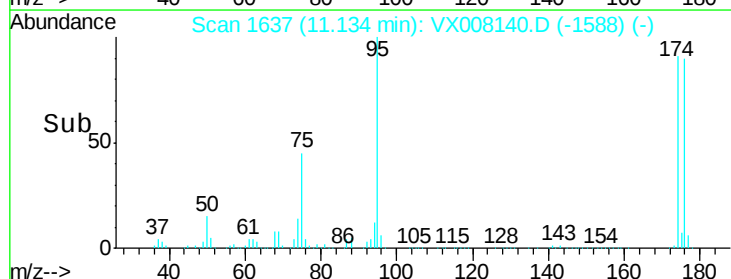
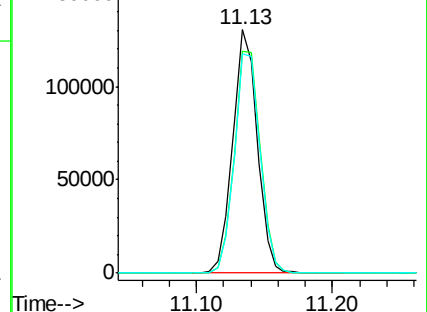
176 95.0 0.0 178.0

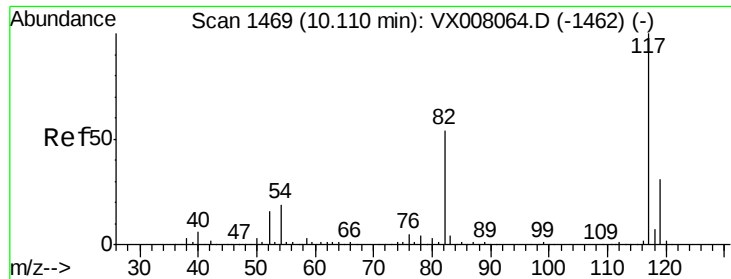


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

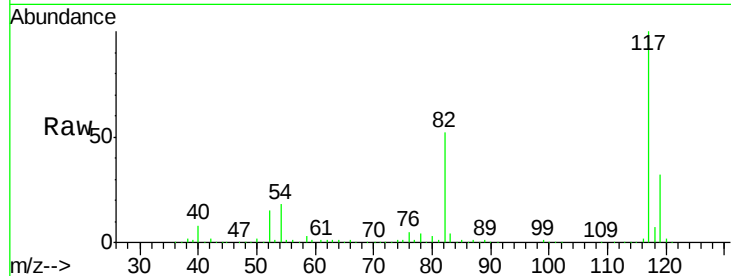




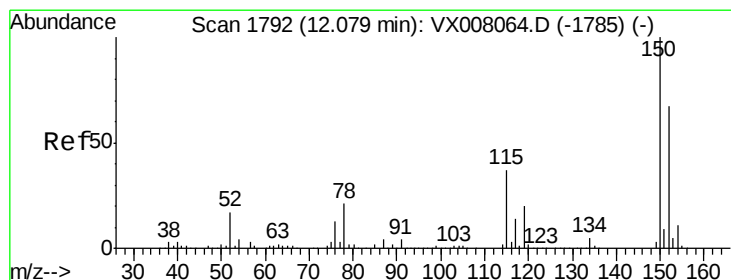
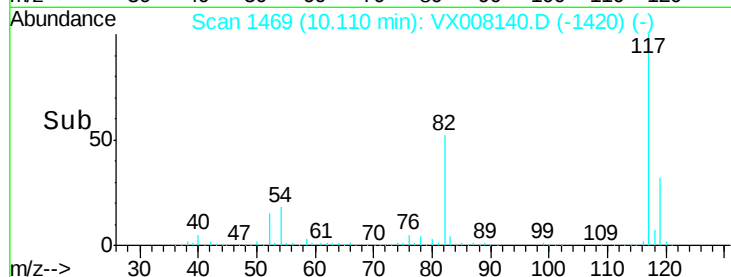
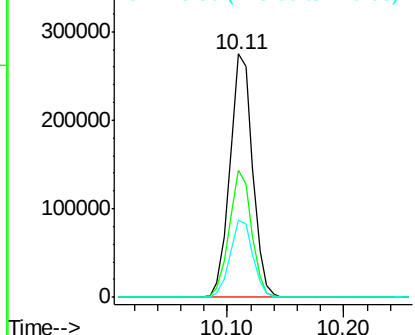
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008140.D
Acq: 16 Mar 2019 14:54

Instrument :
MSVOA_X
ClientSampleId :
RT5124

Tot Ion:117 Resp: 372150
Ion Ratio Lower Upper
117 100
82 52.2 44.3 66.5
119 31.8 25.3 37.9

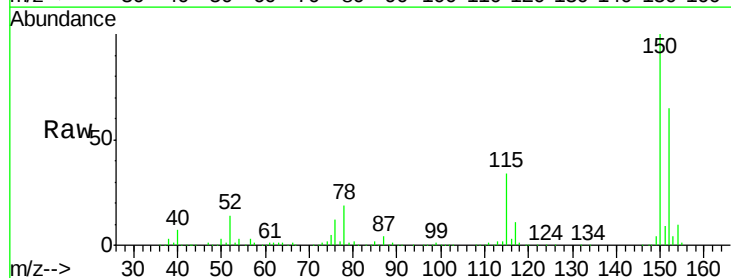


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008140.D
Acq: 16 Mar 2019 14:54

Tgt Ion:152 Resp: 171847
Ion Ratio Lower Upper
152 100
115 53.4 38.6 115.7
150 155.1 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

