

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008154.D
 Acq On : 16 Mar 2019 21:07
 Operator : JC/SP
 Sample : K1960-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-031419

Quant Time: Mar 18 03:31:40 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	328599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	377630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175538	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	138315	41.73	ug/l	0.00
Spiked Amount			Recovery	=	83.46%	
35) Dibromofluoromethane	5.51	113	130649	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
50) Toluene-d8	8.71	98	502601	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	11.13	95	166873	43.91	ug/l	0.00
Spiked Amount			Recovery	=	87.82%	

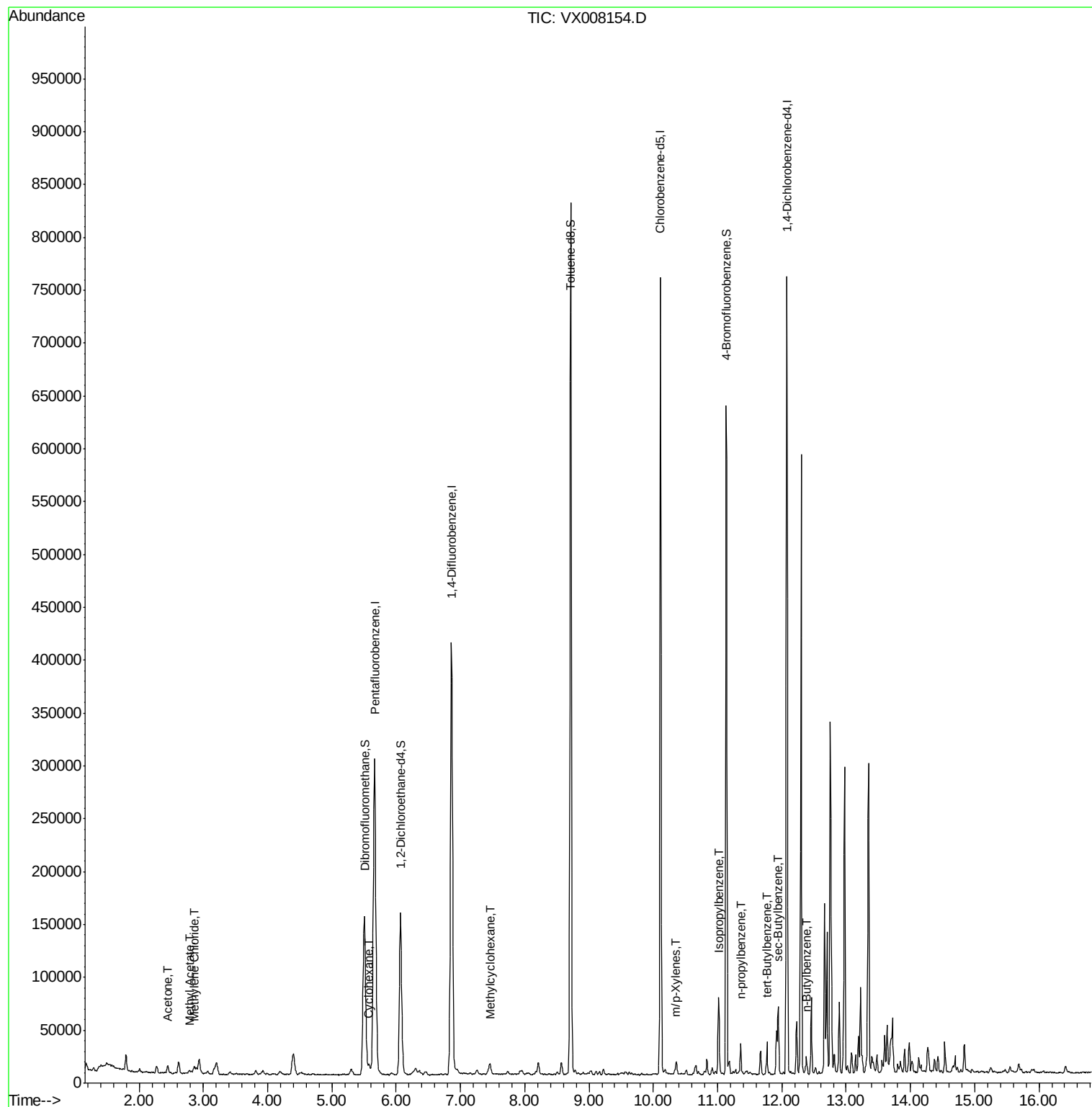
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	7936	5.071	ug/l	90
18) Methyl Acetate	2.78	43	3603	1.065	ug/l	92
20) Methylene Chloride	2.86	84	2158	0.772	ug/l	89
31) Cyclohexane	5.57	56	6481	1.367	ug/l	97
39) Methylcyclohexane	7.46	83	4306	0.931	ug/l	97
68) m/p-Xylenes	10.35	106	2738	0.577	ug/l	90
73) Isopropylbenzene	11.02	105	39085	3.476	ug/l	100
78) n-propylbenzene	11.36	91	17367	1.408	ug/l	98
83) tert-Butylbenzene	11.77	119	12109	1.304	ug/l	90
85) sec-Butylbenzene	11.94	105	34465	3.116	ug/l	95
89) n-Butylbenzene	12.38	91	6809	0.813	ug/l	92

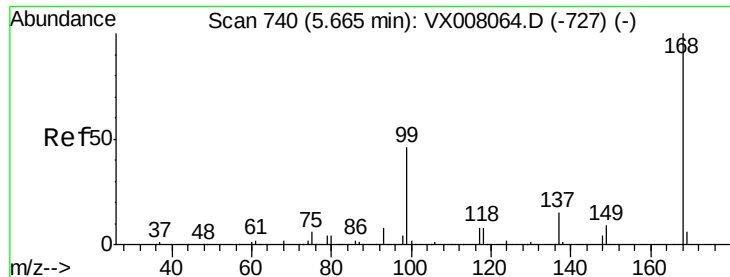
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
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: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

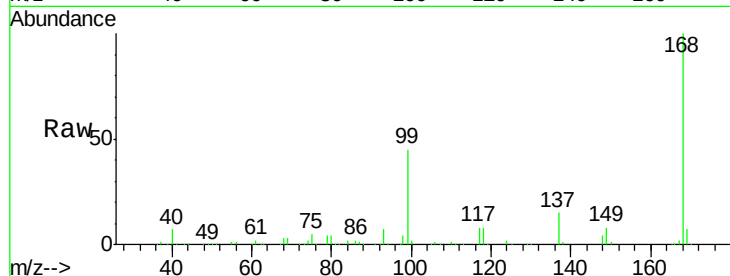
T3-MW-7-10.0-031419

Tot Ion:168 Resp: 328599

Ion Ratio Lower Upper

168 100

99 44.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

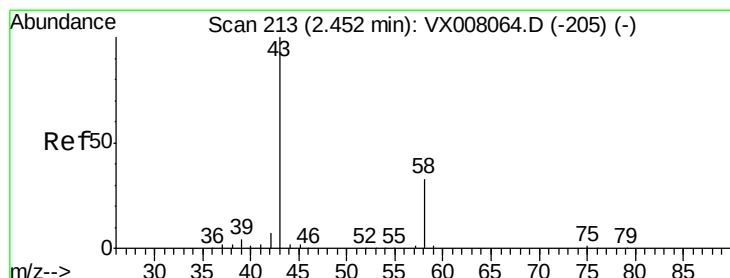
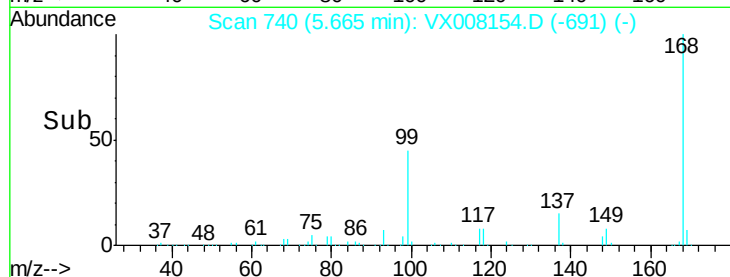
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 5.071 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008154.D

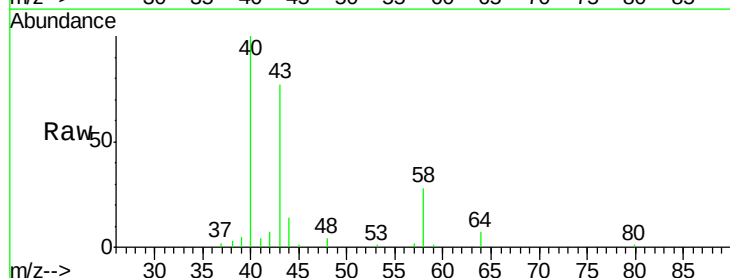
Acq: 16 Mar 2019 21:07

Tgt Ion: 43 Resp: 7936

Ion Ratio Lower Upper

43 100

58 37.5 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

5000

4000

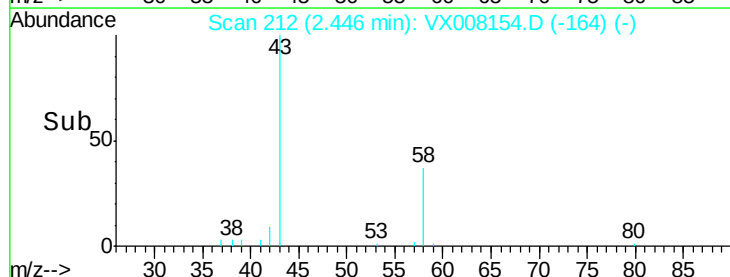
3000

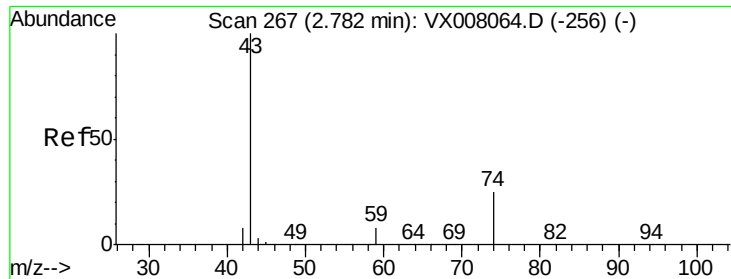
2000

1000

0

Time-->

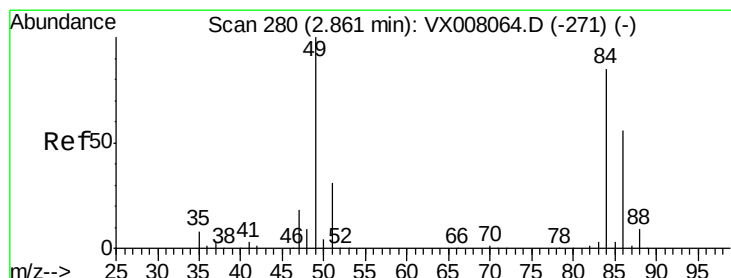
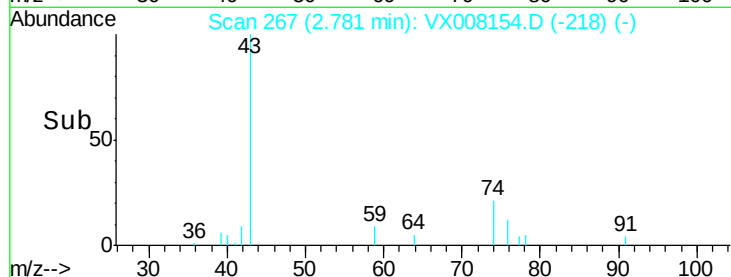
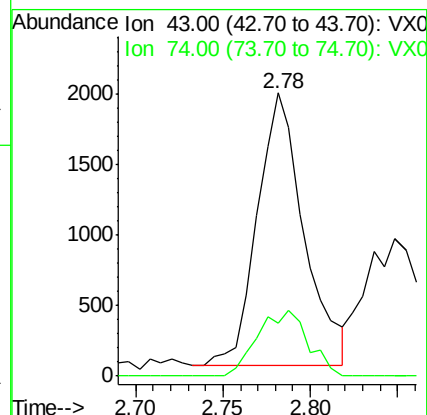
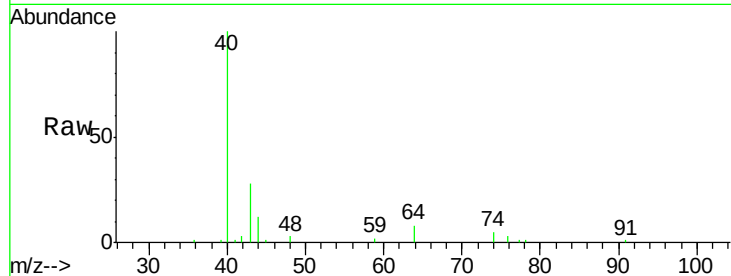




#18
Methyl Acetate
Concen: 1.065 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX008154.D
Acq: 16 Mar 2019 21:07

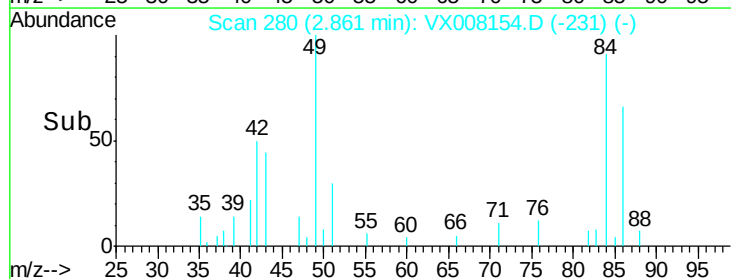
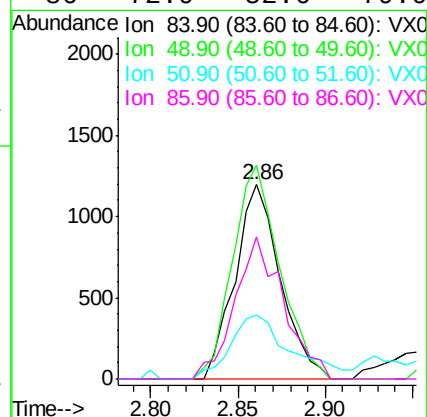
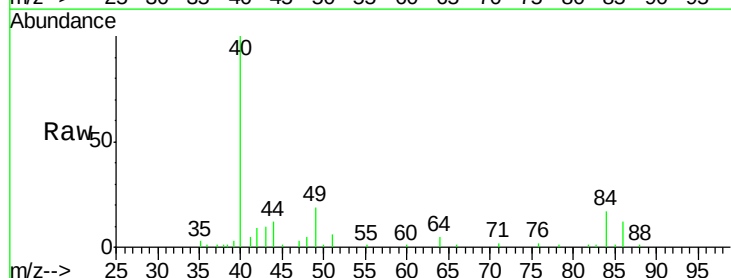
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-031419

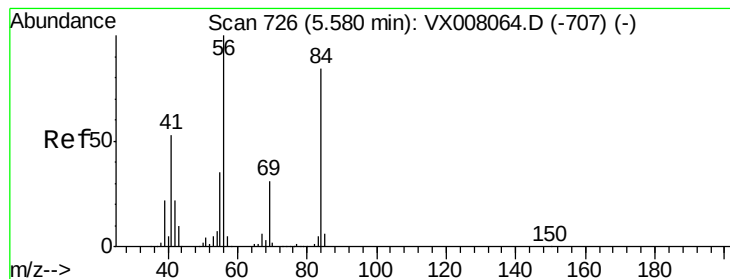
Tot Ion: 43 Resp: 3603
Ion Ratio Lower Upper
43 100
74 25.8 17.8 26.6



#20
Methylene Chloride
Concen: 0.772 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008154.D
Acq: 16 Mar 2019 21:07

Tgt Ion: 84 Resp: 2158
Ion Ratio Lower Upper
84 100
49 109.9 99.3 148.9
51 32.7 31.3 46.9
86 72.9 52.6 79.0





#31

Cyclohexane

Concen: 1.367 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-031419

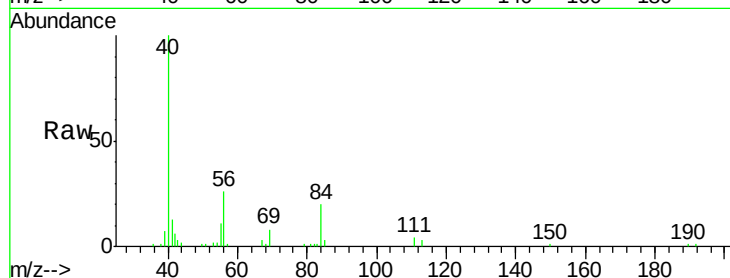
Tot Ion: 56 Resp: 6481

Ion Ratio Lower Upper

56 100

69 29.6 24.0 36.0

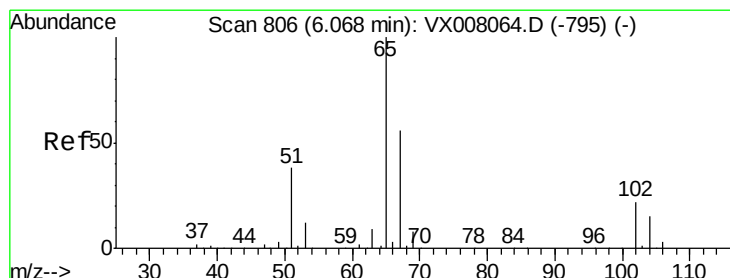
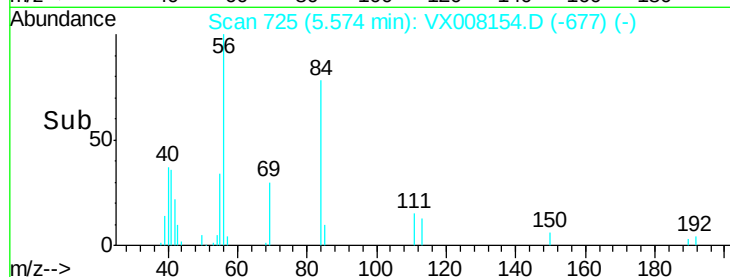
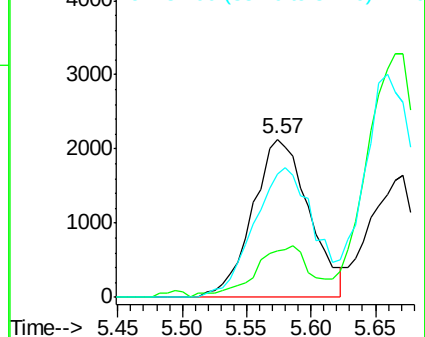
84 78.2 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 41.728 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008154.D

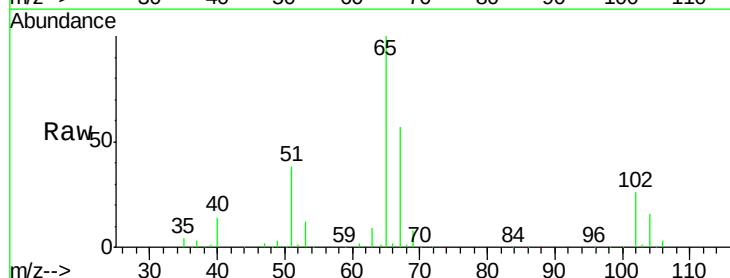
Acq: 16 Mar 2019 21:07

Tgt Ion: 65 Resp: 138315

Ion Ratio Lower Upper

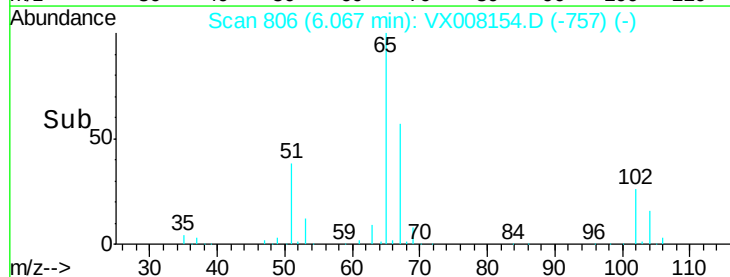
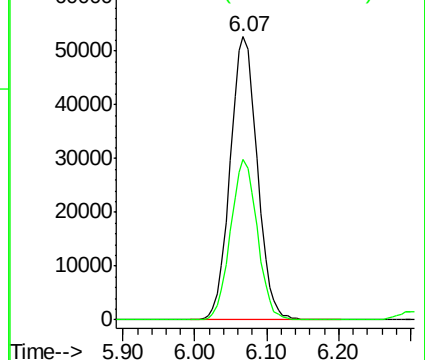
65 100

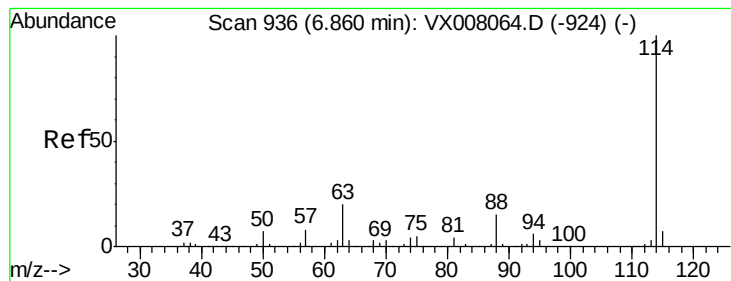
67 55.8 0.0 110.0



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: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-031419

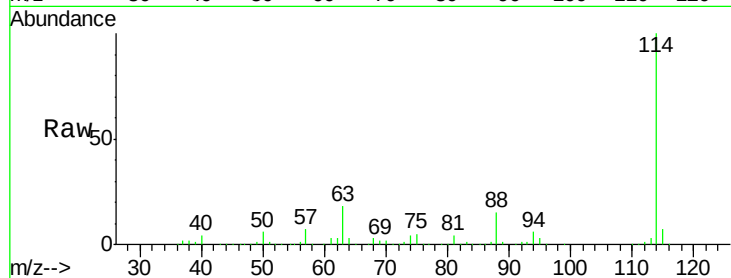
Tot Ion:114 Resp: 439824

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.8

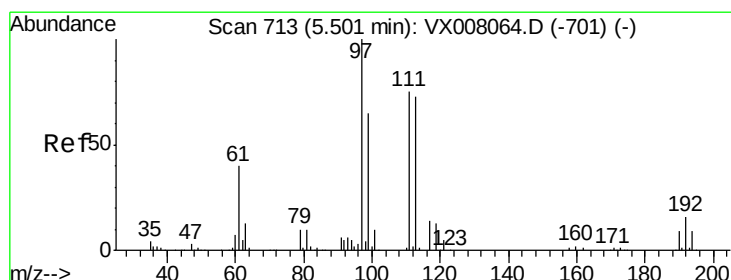
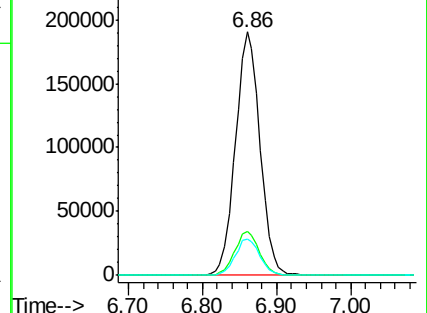
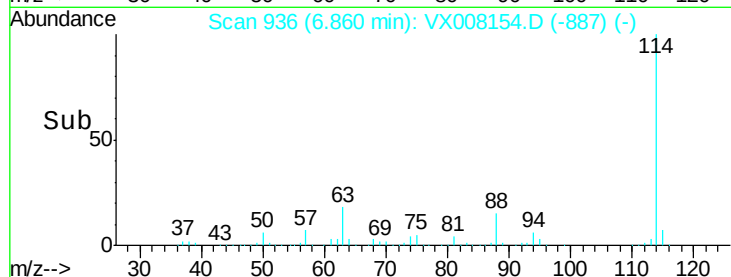
88 15.0 0.0 31.4



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: 46.842 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

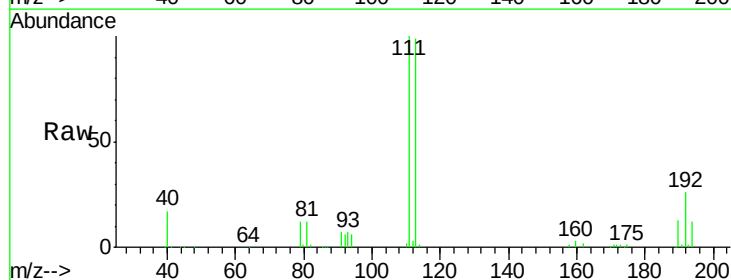
Tgt Ion:113 Resp: 130649

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

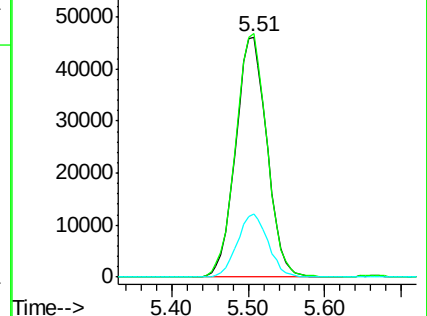
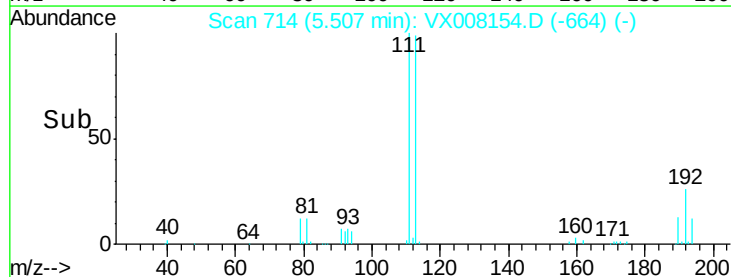
192 25.8 19.4 29.0

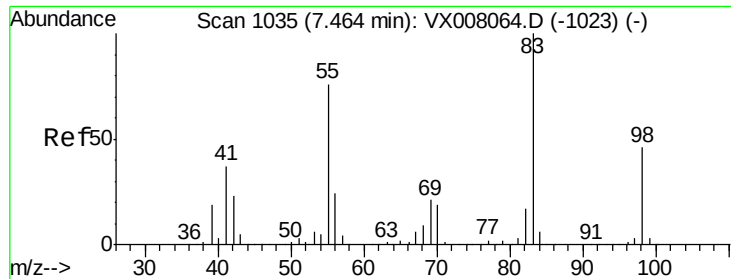


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

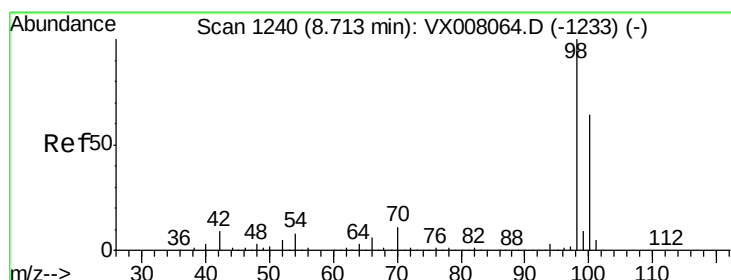
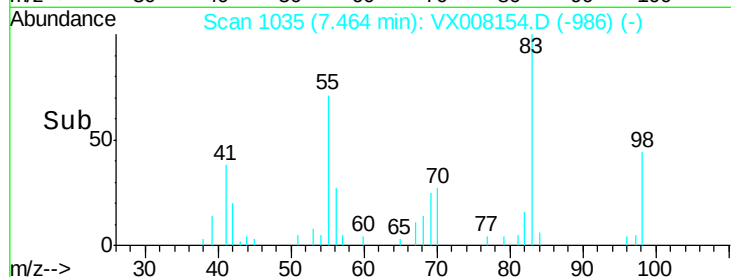
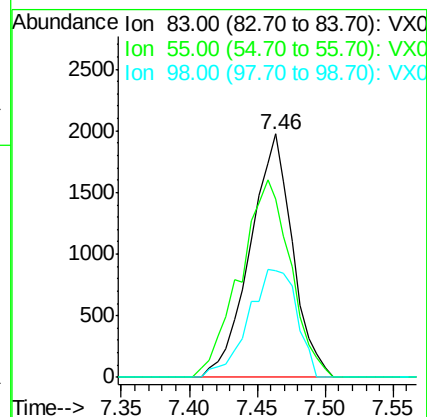
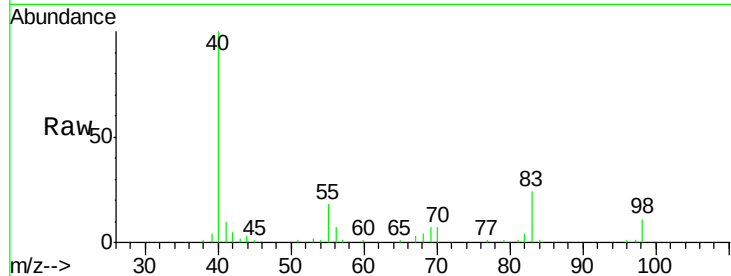




#39
Methvlcvclohexane
Concen: 0.931 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008154.D
Acq: 16 Mar 2019 21:07

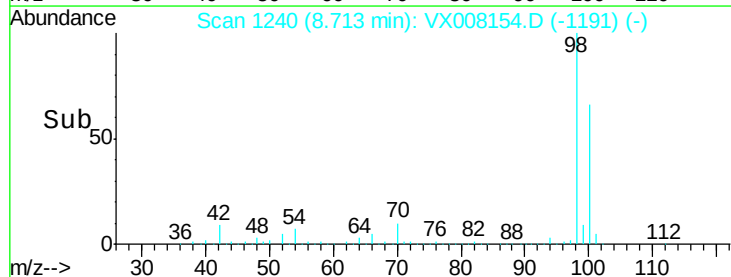
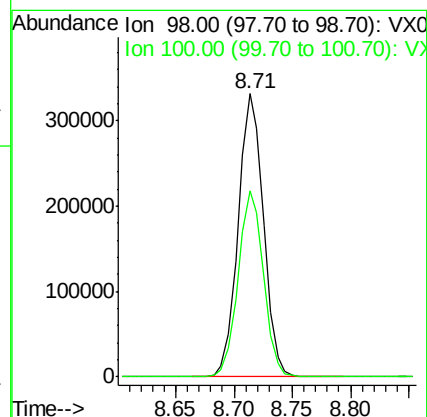
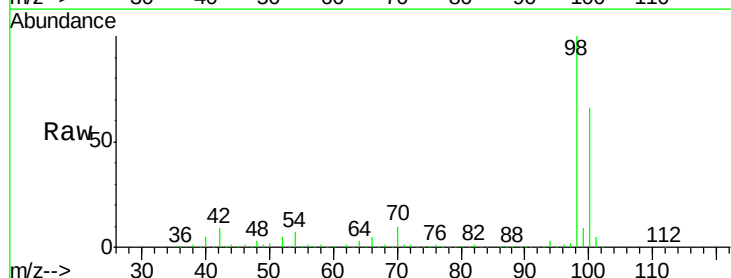
Instrument :
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T3-MW-7-10.0-031419

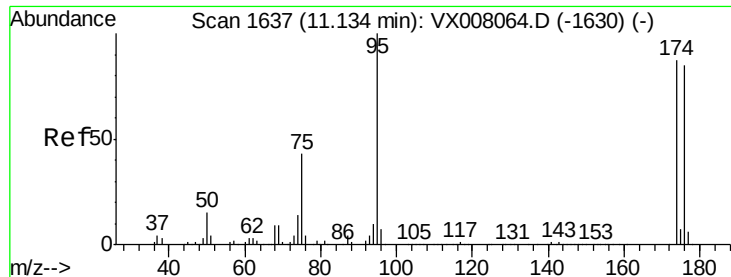
Tot Ion: 83 Resp: 4306
Ion Ratio Lower Upper
83 100
55 73.5 60.4 90.6
98 43.6 36.5 54.7



#50
Toluene-d8
Concen: 47.380 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008154.D
Acq: 16 Mar 2019 21:07

Tgt Ion: 98 Resp: 502601
Ion Ratio Lower Upper
98 100
100 65.7 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 43.913 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-031419

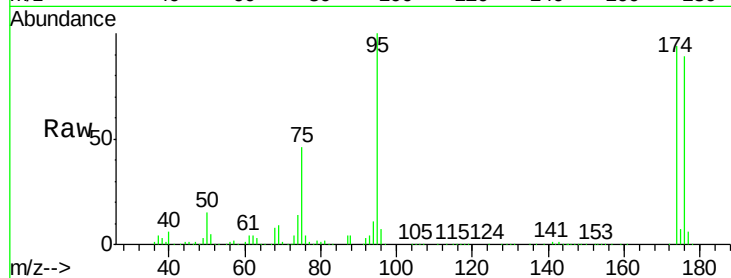
Tot Ion: 95 Resp: 166873

Ion Ratio Lower Upper

95 100

174 98.7 0.0 182.8

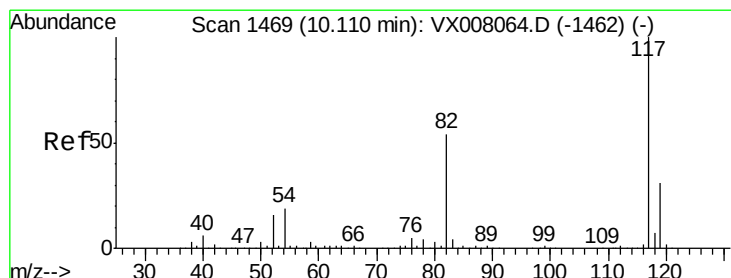
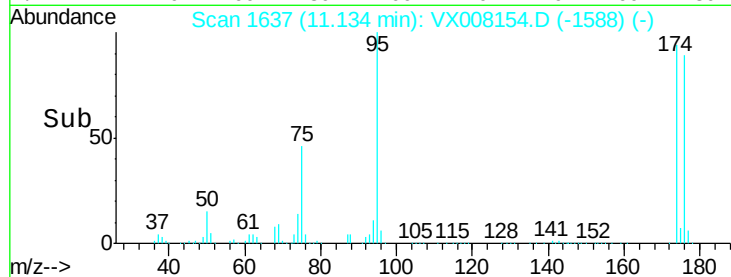
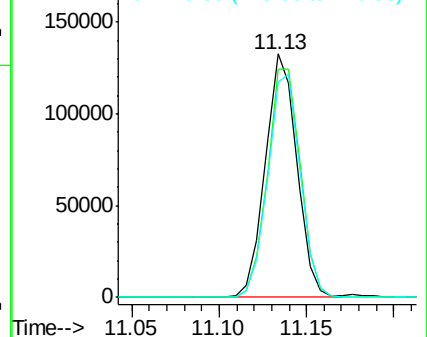
176 94.6 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008154.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008154.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008154.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

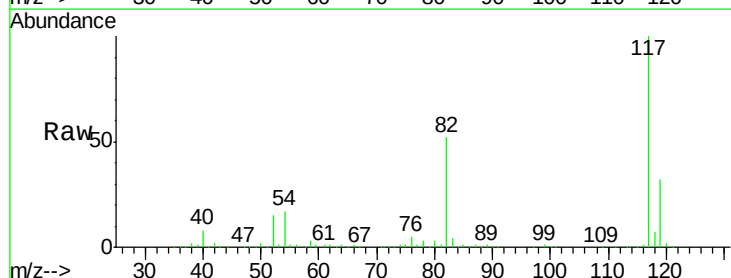
Tgt Ion: 117 Resp: 377630

Ion Ratio Lower Upper

117 100

82 51.7 44.3 66.5

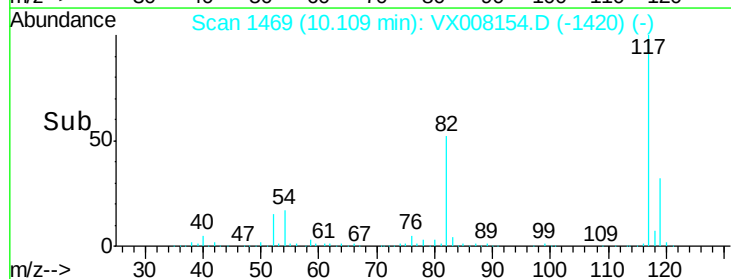
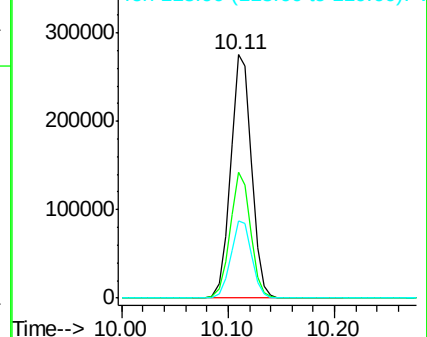
119 31.9 25.3 37.9

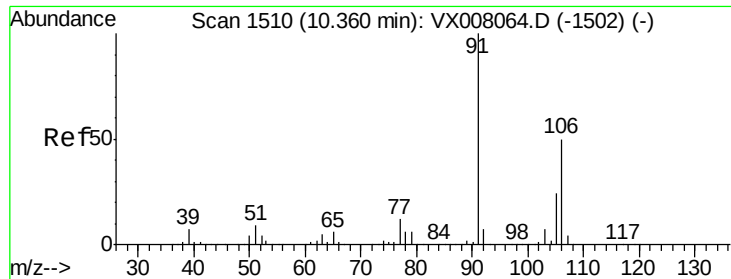


Abundance Ion 116.90 (116.60 to 117.60): VX008154.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008154.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008154.D (-1420) (-)

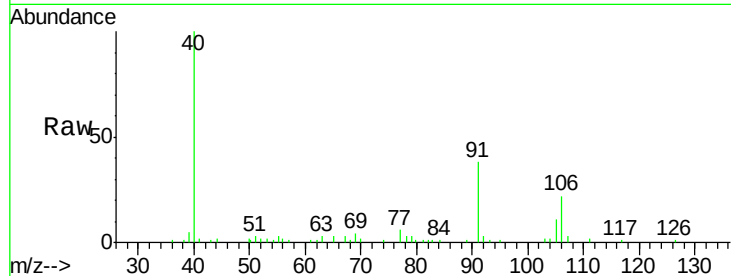




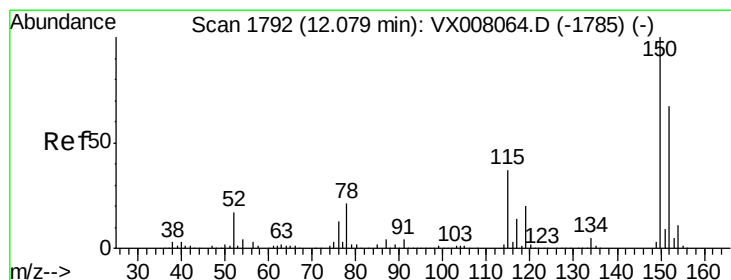
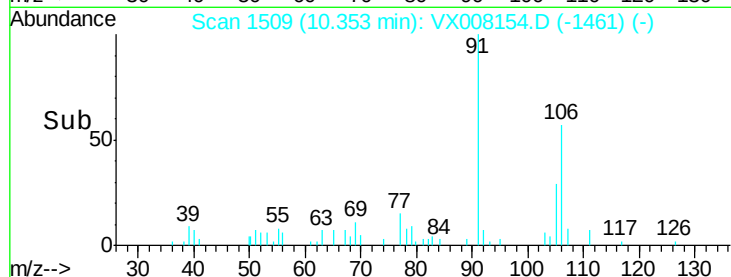
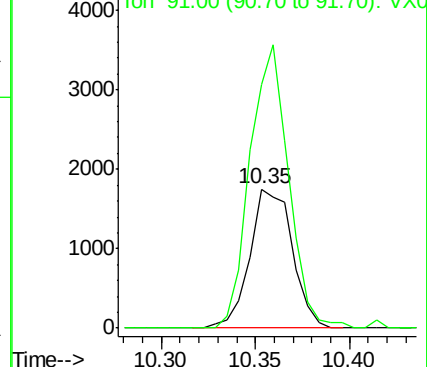
#68
m/p-Xvlenes
Concen: 0.577 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008154.D
Acq: 16 Mar 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-031419

Tot Ion:106 Resp: 2738
Ion Ratio Lower Upper
106 100
91 184.5 159.8 239.6

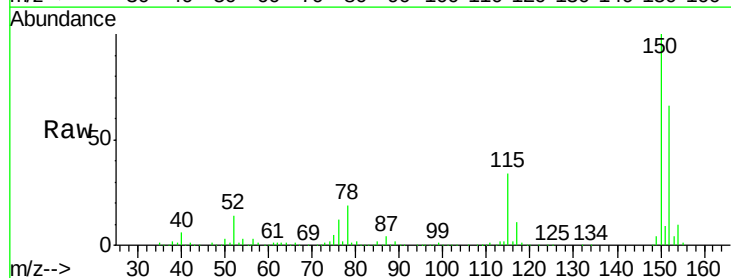


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

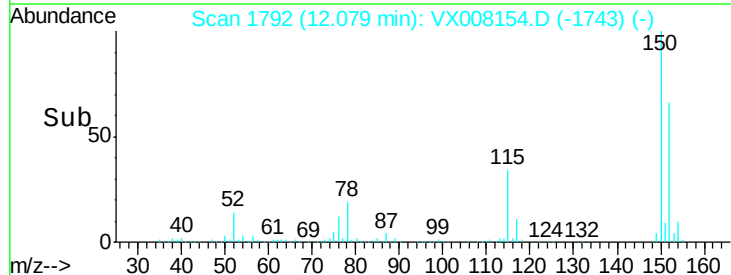
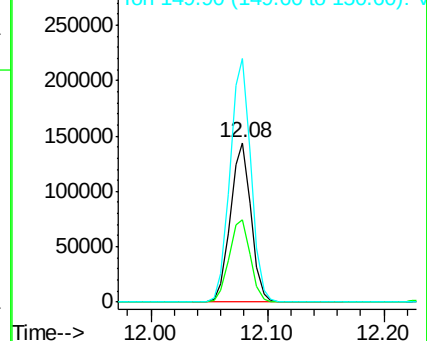


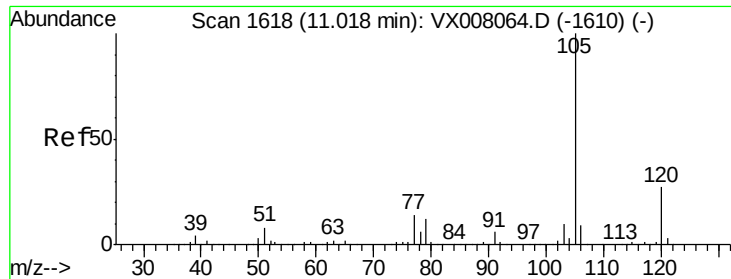
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008154.D
Acq: 16 Mar 2019 21:07

Tgt Ion:152 Resp: 175538
Ion Ratio Lower Upper
152 100
115 53.5 38.6 115.7
150 154.9 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

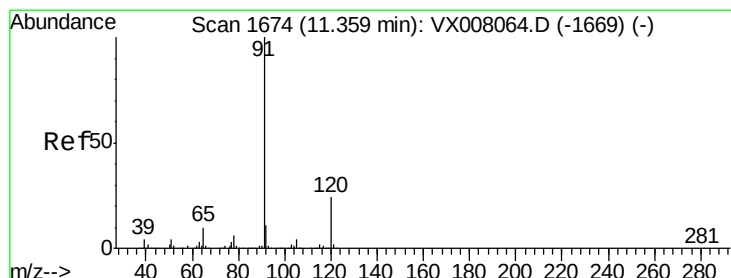
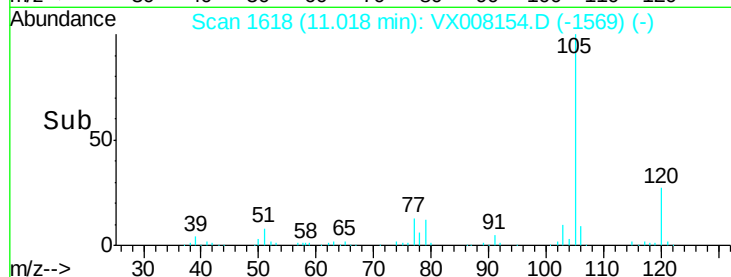
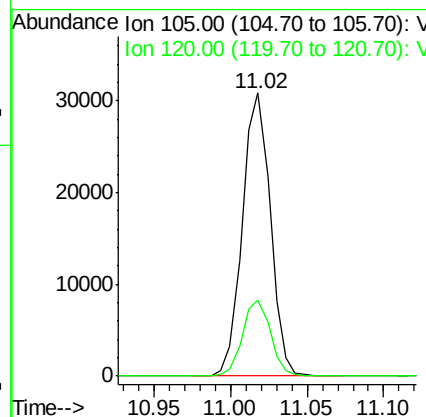
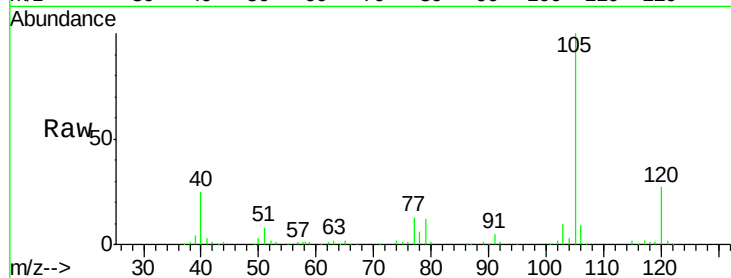




#73
Isopropylbenzene
Concen: 3.476 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008154.D
Acq: 16 Mar 2019 21:07

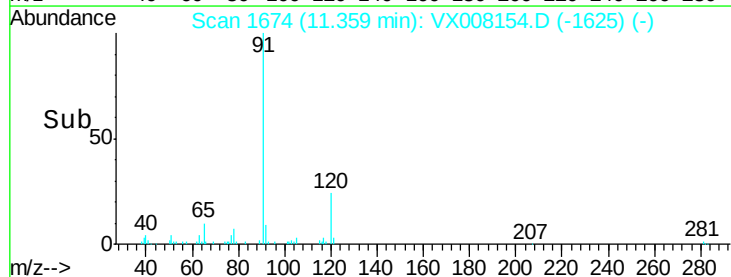
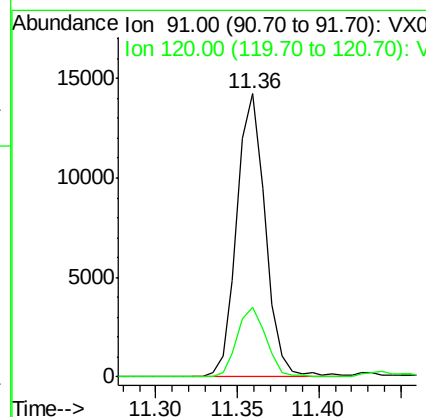
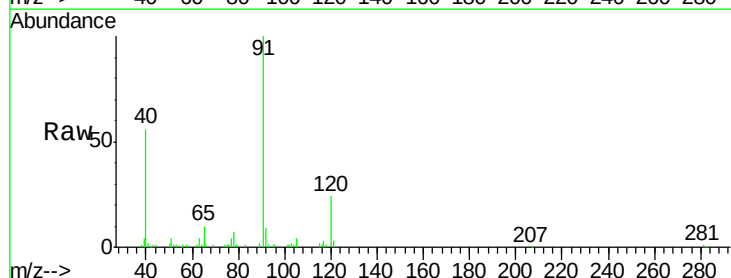
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-031419

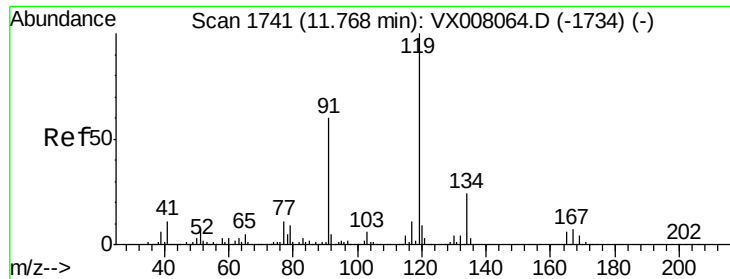
Tot Ion: 105 Resp: 39085
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#78
n-propylbenzene
Concen: 1.408 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008154.D
Acq: 16 Mar 2019 21:07

Tgt Ion: 91 Resp: 17367
Ion Ratio Lower Upper
91 100
120 24.8 12.0 36.0

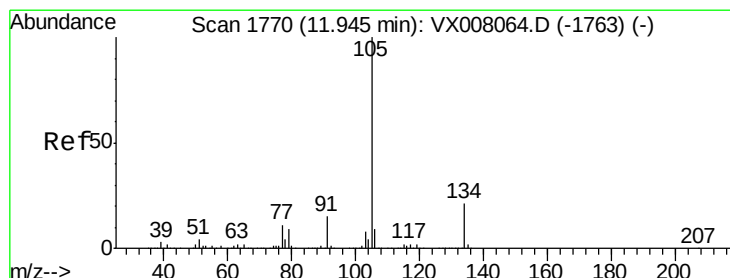
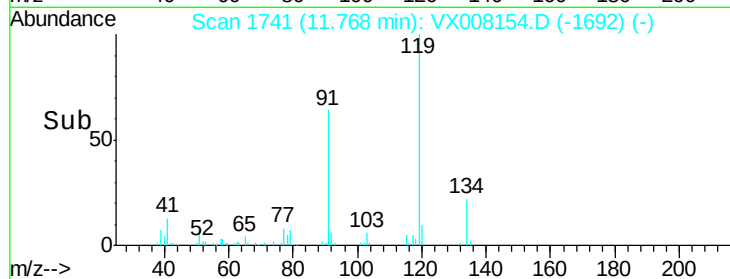
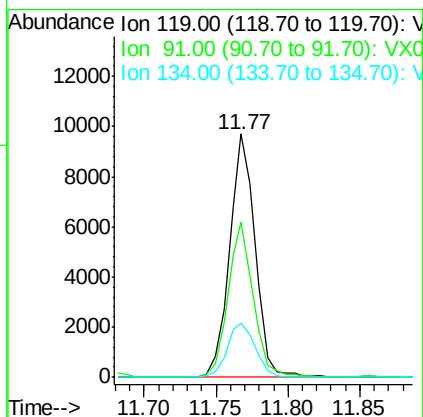
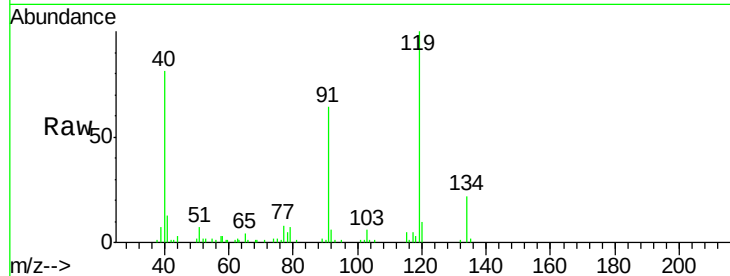




#83
tert-Butylbenzene
Concen: 1.304 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008154.D
Acq: 16 Mar 2019 21:07

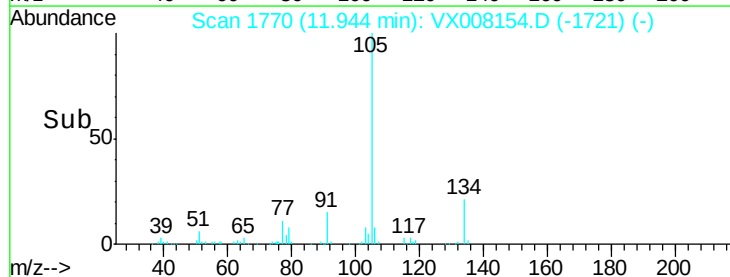
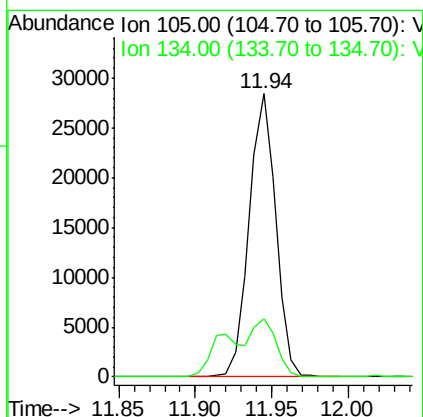
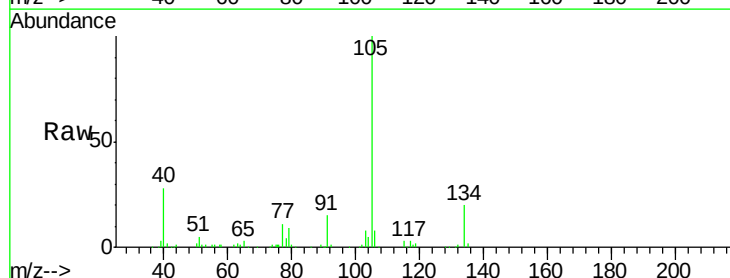
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-031419

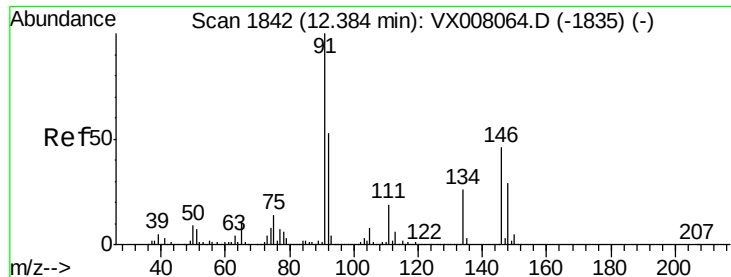
Tot Ion:119 Resp: 12109
Ion Ratio Lower Upper
119 100
91 63.2 27.1 81.3
134 24.5 11.4 34.1



#85
sec-Butylbenzene
Concen: 3.116 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX008154.D
Acq: 16 Mar 2019 21:07

Tgt Ion:105 Resp: 34465
Ion Ratio Lower Upper
105 100
134 18.6 10.4 31.2





#89

n-Butylbenzene

Concen: 0.813 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-031419

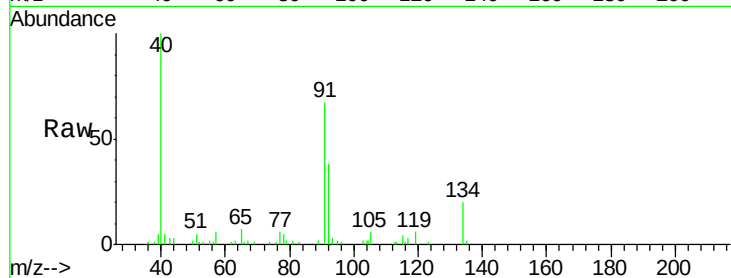
Tot Ion: 91 Resp: 6809

Ion Ratio Lower Upper

91 100

92 53.7 27.0 80.8

134 38.8 13.7 41.0



Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

