

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032519\
 Data File : VX008442.D
 Acq On : 26 Mar 2019 03:58
 Operator : JC/SP
 Sample : K2059-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Mar 26 07:30:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145141	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	165853	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
35) Dibromofluoromethane	5.49	113	122512	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
50) Toluene-d8	8.71	98	499056	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.13	95	172503	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	

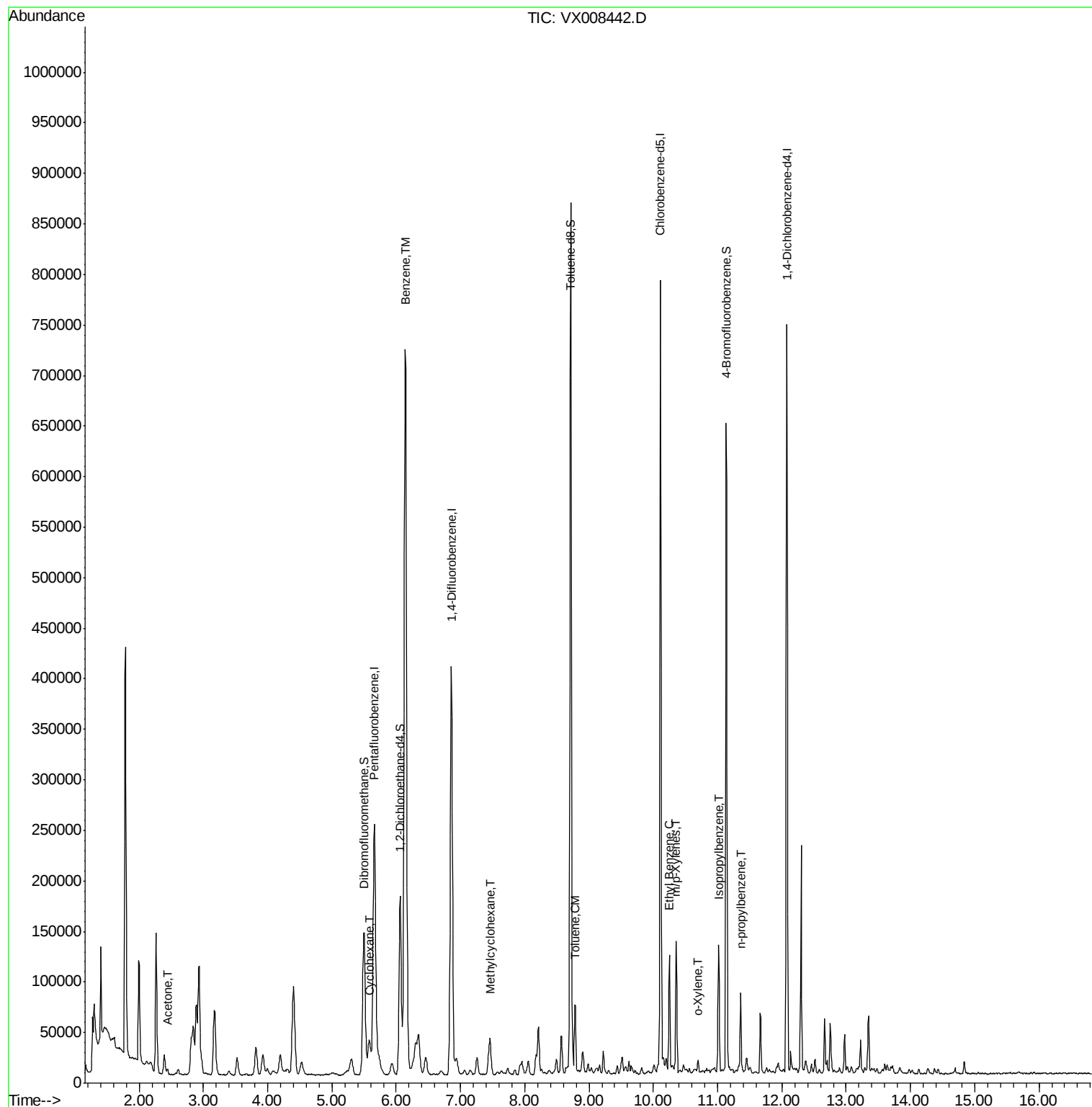
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	5840	3.136	ug/l	91
31) Cyclohexane	5.57	56	25336	4.436	ug/l	98
39) Methylcyclohexane	7.46	83	13785	2.746	ug/l	96
40) Benzene	6.14	78	846789	67.328	ug/l	100
52) Toluene	8.78	92	24317	3.234	ug/l	98
67) Ethyl Benzene	10.25	91	64522	4.597	ug/l	96
68) m/p-Xylenes	10.36	106	29770	5.830	ug/l	99
69) o-Xylene	10.70	106	1770	0.357	ug/l	92
73) Isopropylbenzene	11.02	105	61716	5.227	ug/l	100
78) n-propylbenzene	11.36	91	46804	3.384	ug/l	99

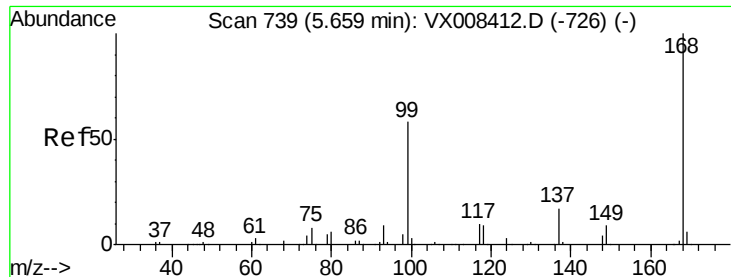
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008442.D

Acq: 26 Mar 2019 03:58

Instrument :

MSVOA_X

ClientSampleId :

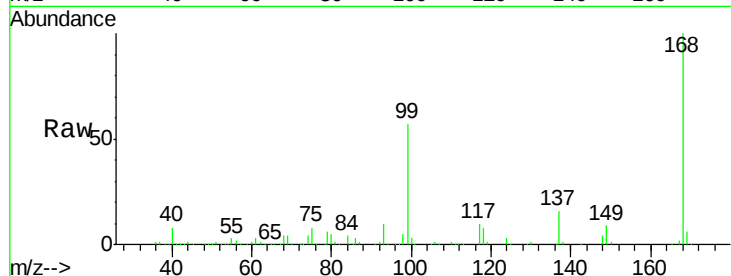
MW-7

Tot Ion:168 Resp: 235032

Ion Ratio Lower Upper

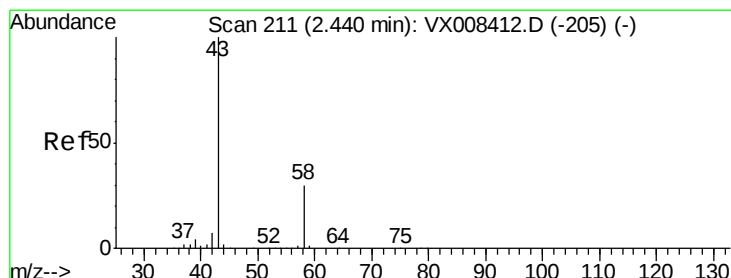
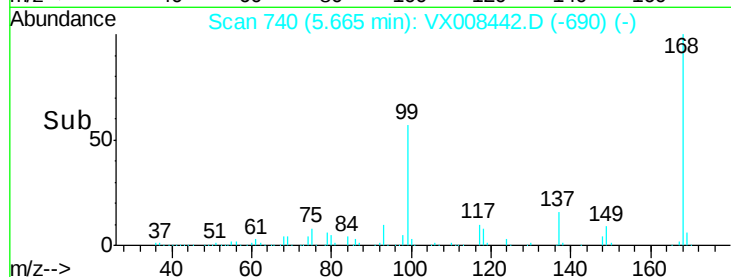
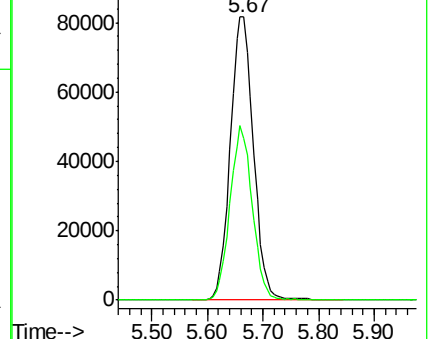
168 100

99 57.3 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.136 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008442.D

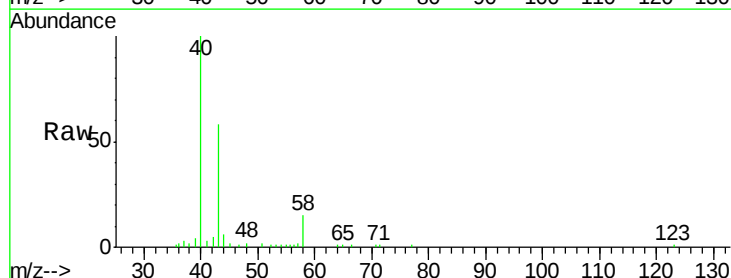
Acq: 26 Mar 2019 03:58

Tgt Ion: 43 Resp: 5840

Ion Ratio Lower Upper

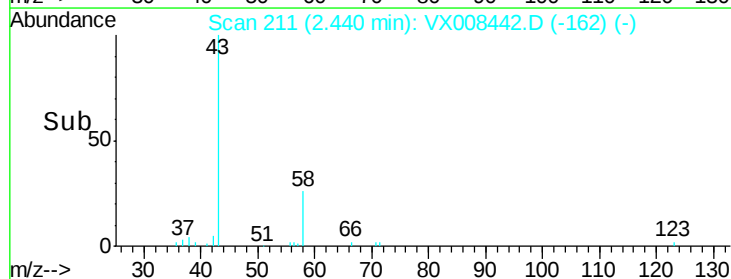
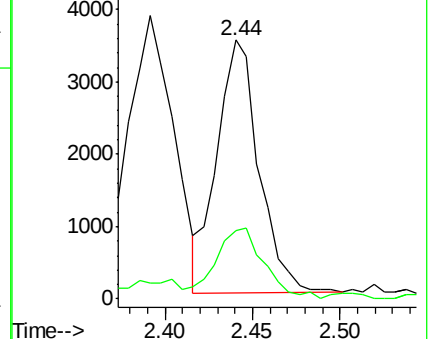
43 100

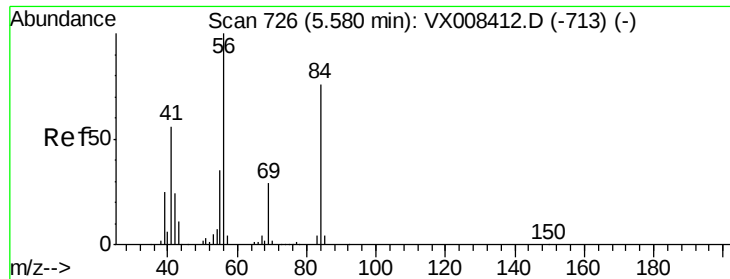
58 25.2 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

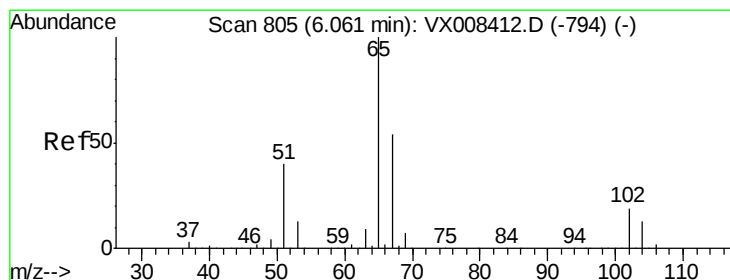
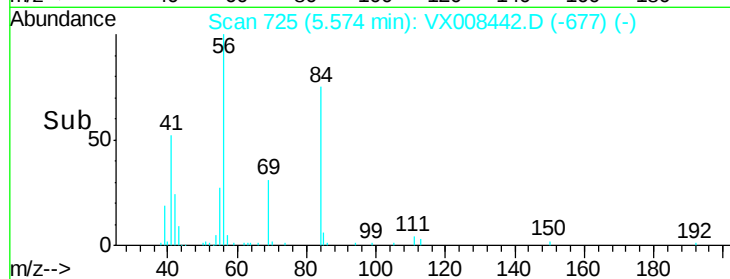
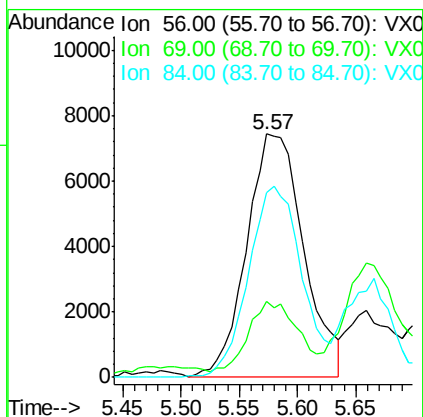
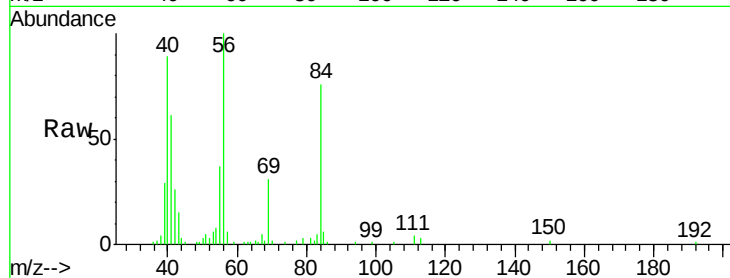




#31
Cyclohexane
Concen: 4.436 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

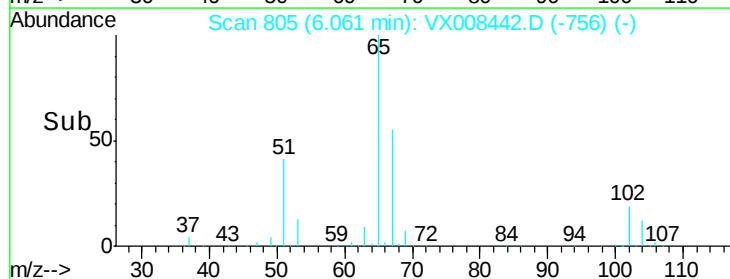
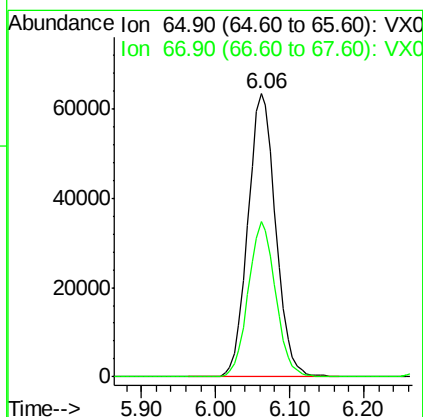
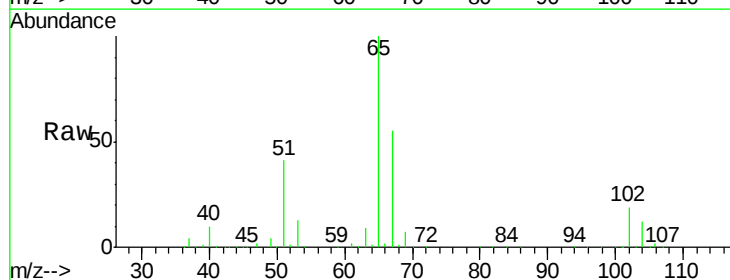
Instrument :
MSVOA_X
ClientSampleId :
MW-7

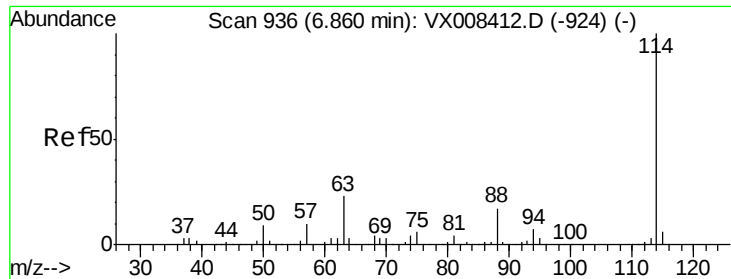
Tot Ion: 56 Resp: 25336
Ion Ratio Lower Upper
56 100
69 27.3 23.2 34.8
84 75.2 60.7 91.1



#33
1,2-Dichloroethane-d4
Concen: 46.547 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

Tgt Ion: 65 Resp: 165853
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.4

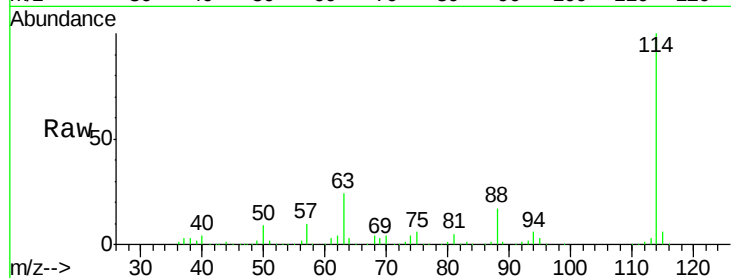




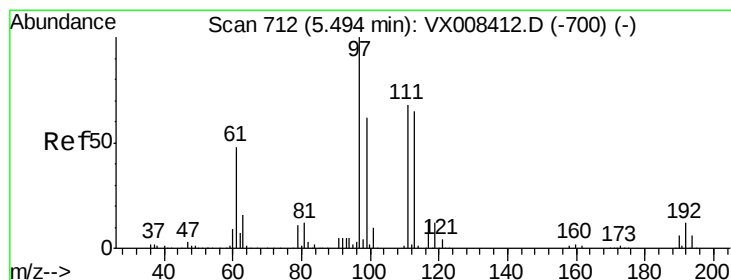
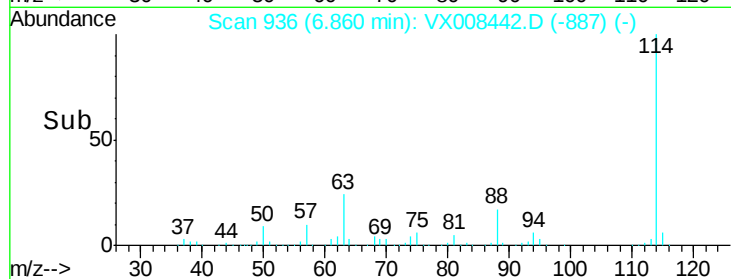
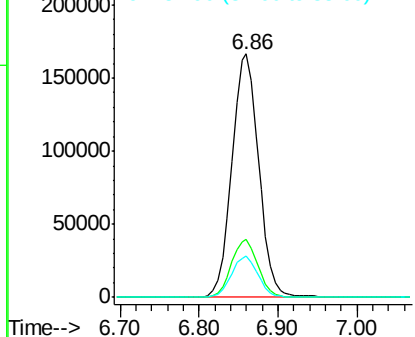
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tot Ion:114 Resp: 394018
Ion Ratio Lower Upper
114 100
63 23.8 0.0 46.4
88 16.9 0.0 33.2

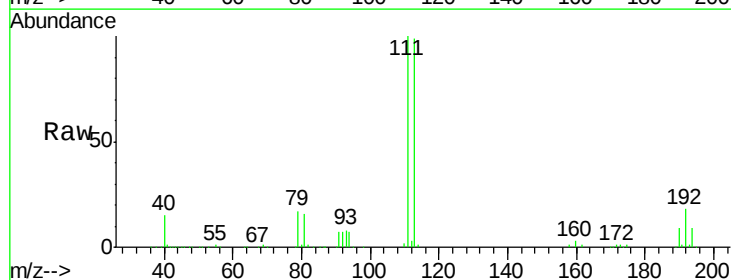


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

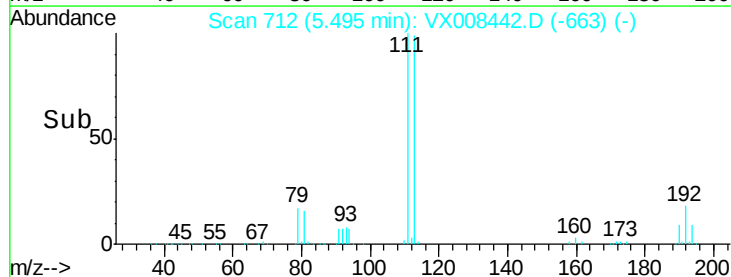
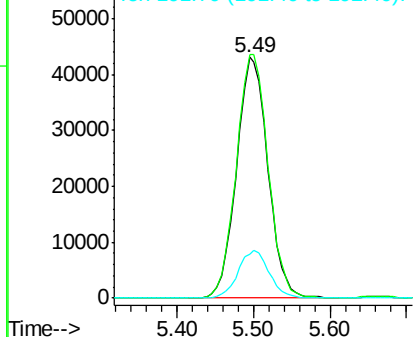


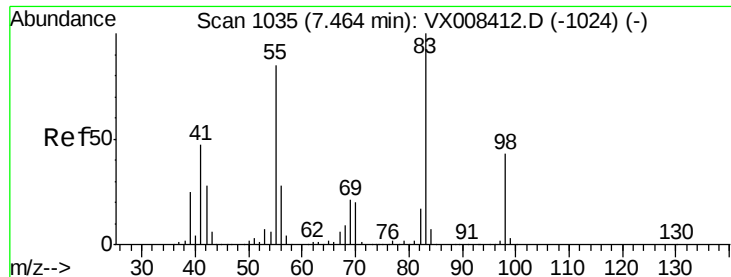
#35
Dibromofluoromethane
Concen: 47.685 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

Tgt Ion:113 Resp: 122512
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 19.6 15.6 23.4



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

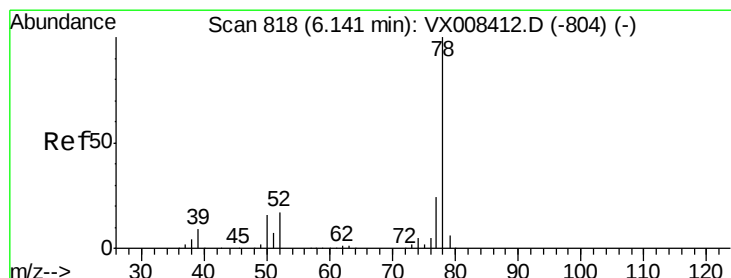
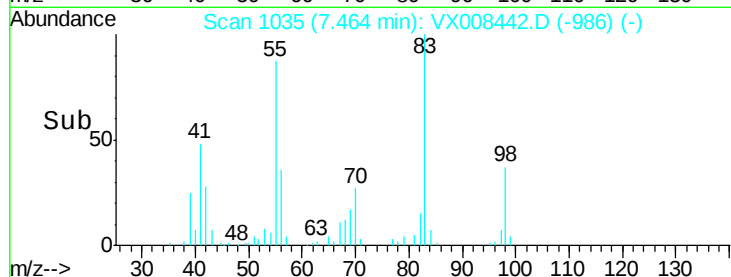
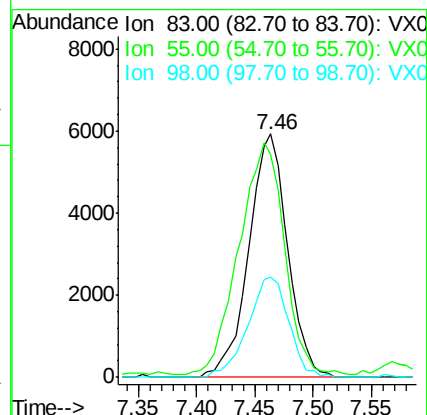
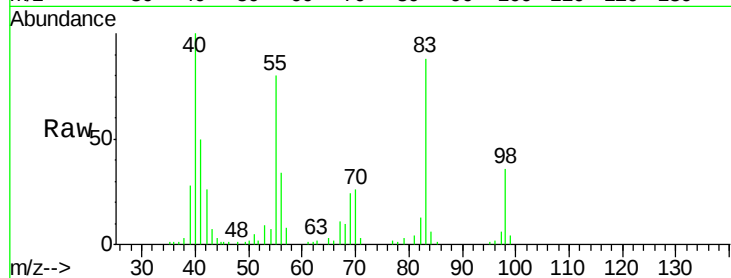




#39
Methvlcvclohexane
Concen: 2.746 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

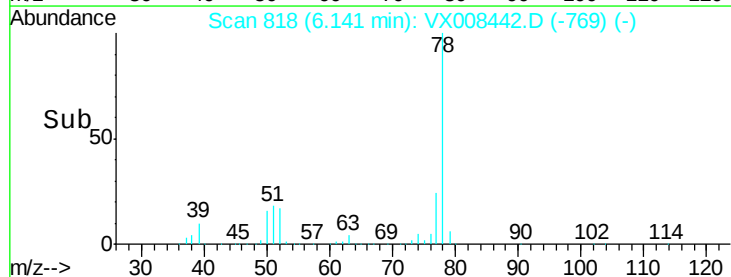
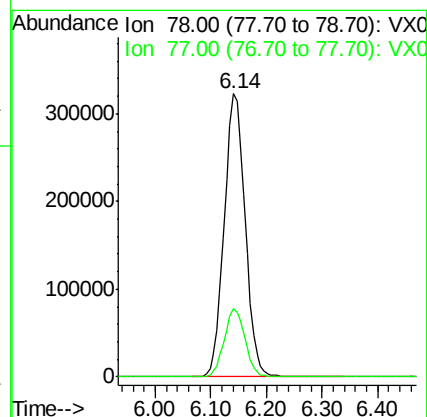
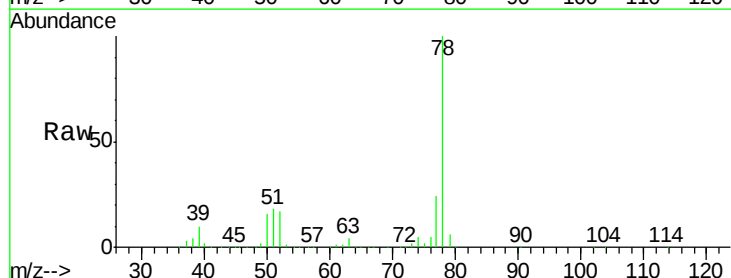
Instrument :
MSVOA_X
ClientSampleId :
MW-7

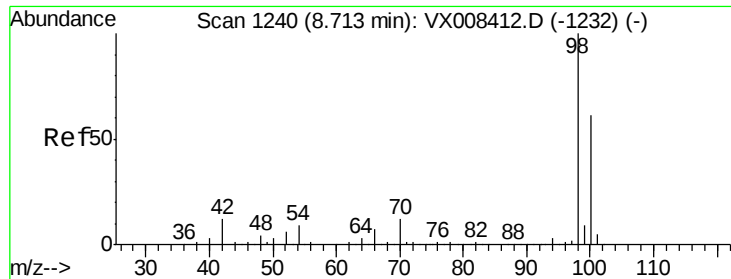
Tot Ion: 83 Resp: 13785
Ion Ratio Lower Upper
83 100
55 89.6 68.2 102.4
98 41.4 34.2 51.4



#40
Benzene
Concen: 67.328 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

Tgt Ion: 78 Resp: 846789
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

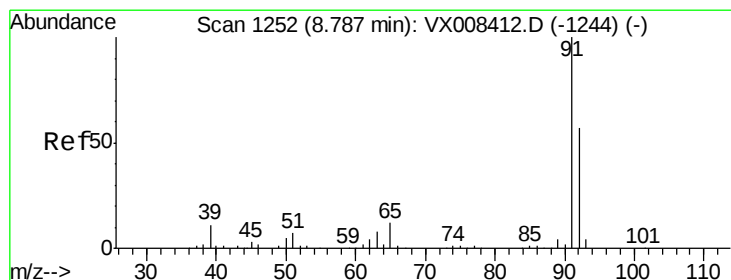
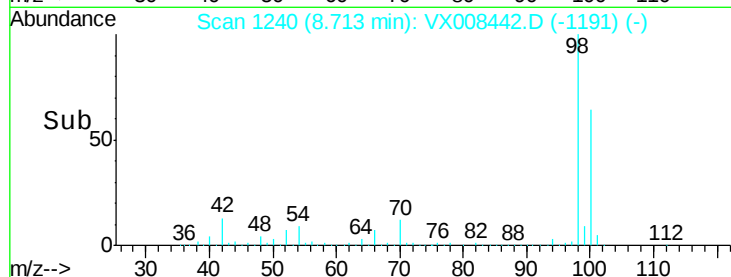
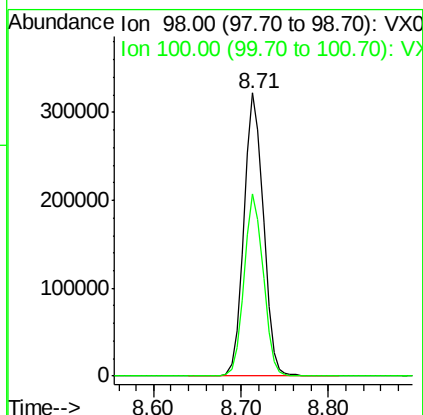
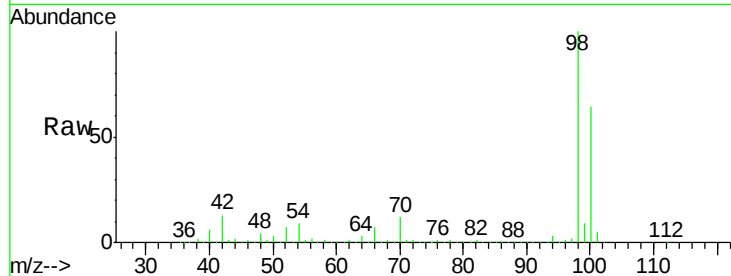




#50
Toluene-d8
Concen: 48.579 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

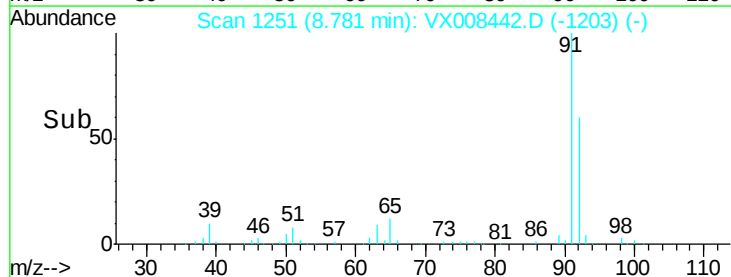
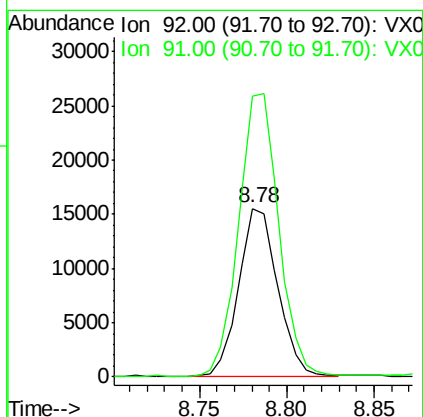
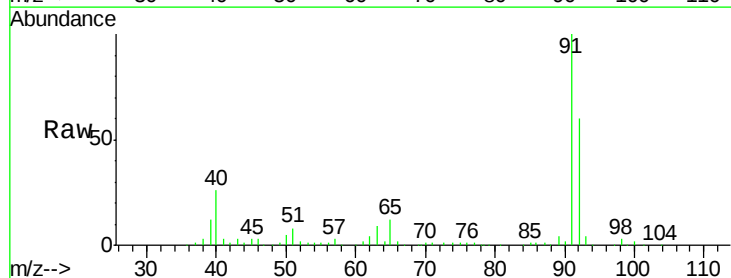
Instrument :
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ClientSampleId :
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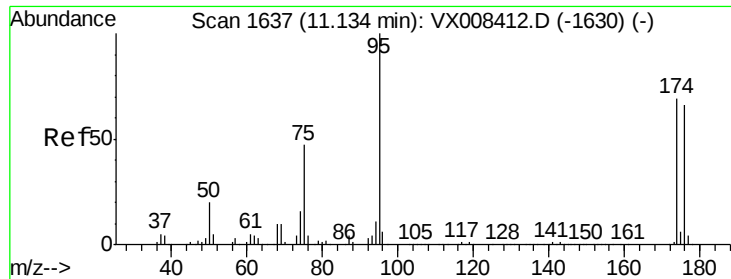
Tot Ion: 98 Resp: 499056
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7



#52
Toluene
Concen: 3.234 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

Tgt Ion: 92 Resp: 24317
Ion Ratio Lower Upper
92 100
91 172.9 140.2 210.4





#62

4-Bromofluorobenzene

Concen: 45.314 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008442.D

Acq: 26 Mar 2019 03:58

Instrument :

MSVOA_X

ClientSampleId :

MW-7

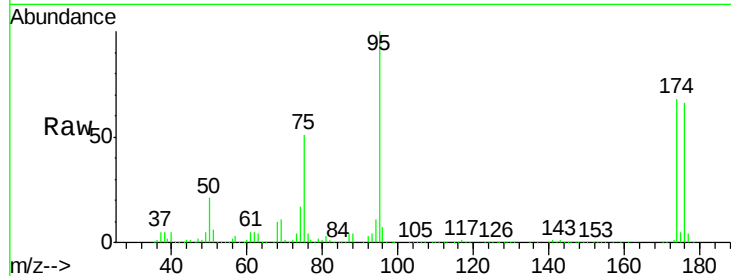
Tot Ion: 95 Resp: 172503

Ion Ratio Lower Upper

95 100

174 73.0 0.0 147.2

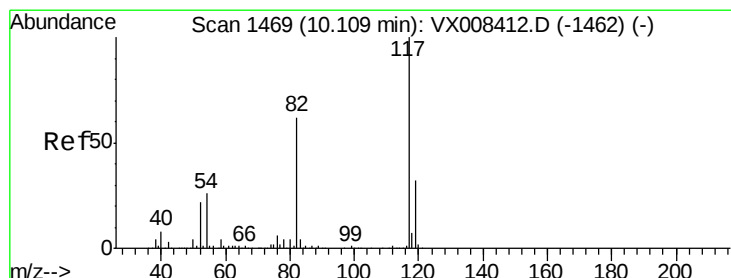
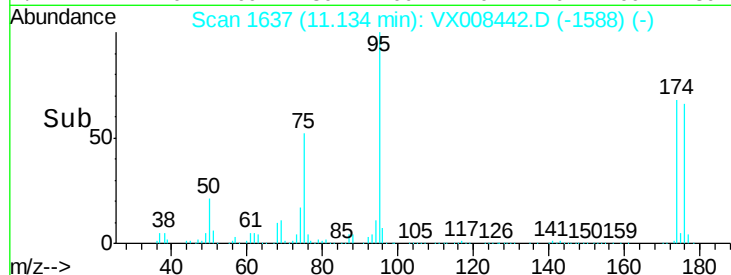
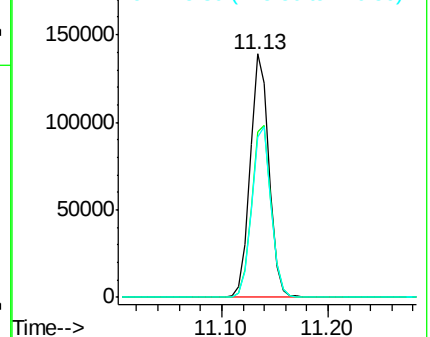
176 71.8 0.0 142.4



Abundance Ion 94.90 (94.60 to 95.60): VX008442.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008442.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008442.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008442.D

Acq: 26 Mar 2019 03:58

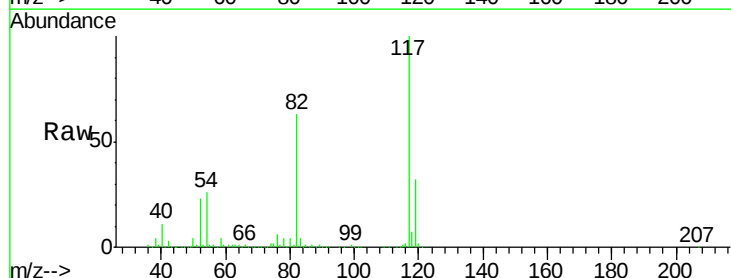
Tgt Ion: 117 Resp: 341995

Ion Ratio Lower Upper

117 100

82 62.6 49.4 74.2

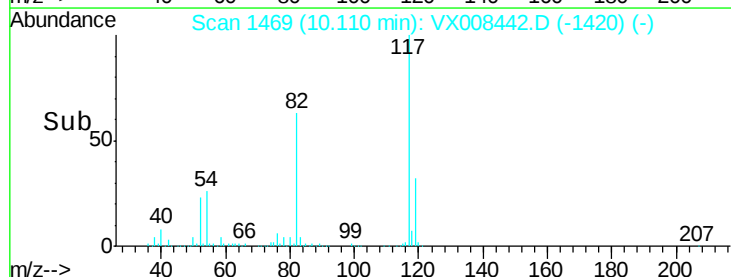
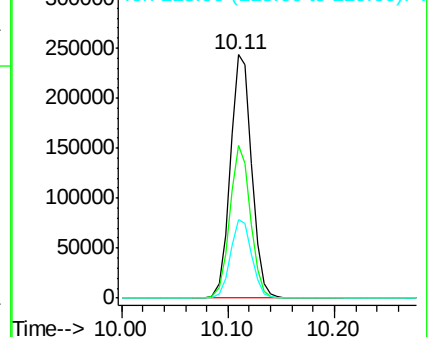
119 32.1 25.4 38.0

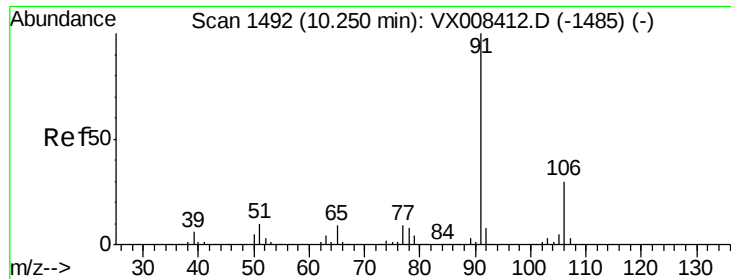


Abundance Ion 116.90 (116.60 to 117.60): VX008442.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008442.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008442.D (-1420) (-)

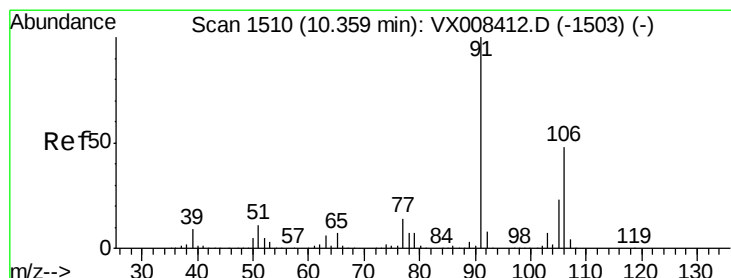
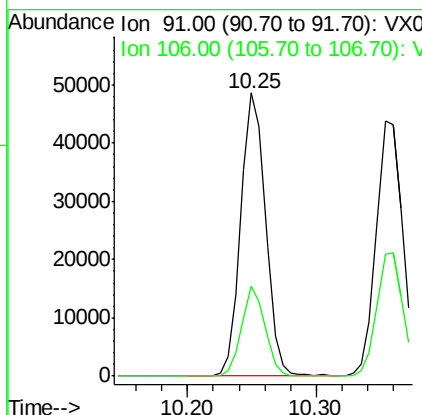
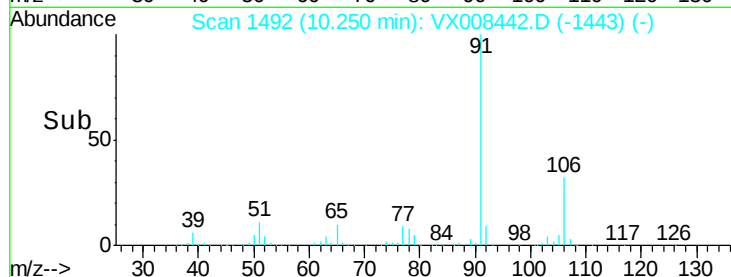
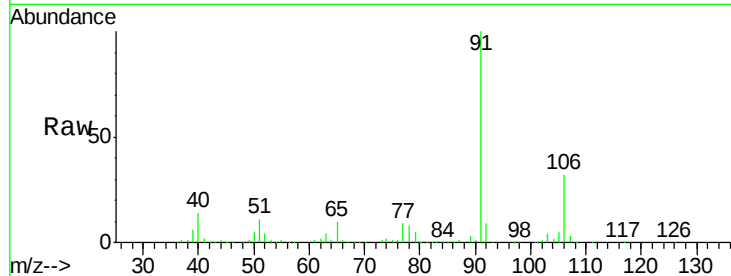




#67
Ethyl Benzene
Concen: 4.597 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

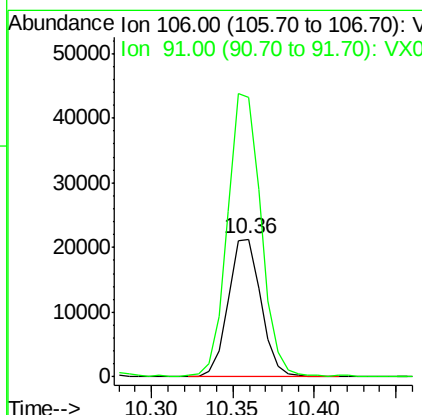
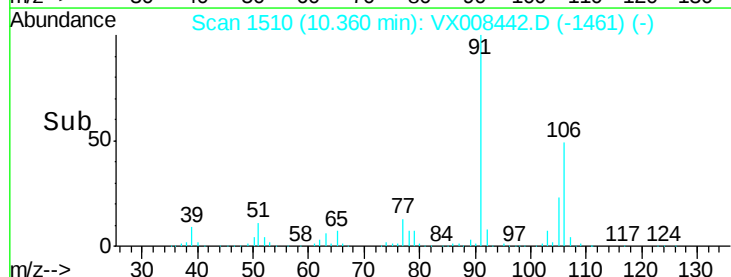
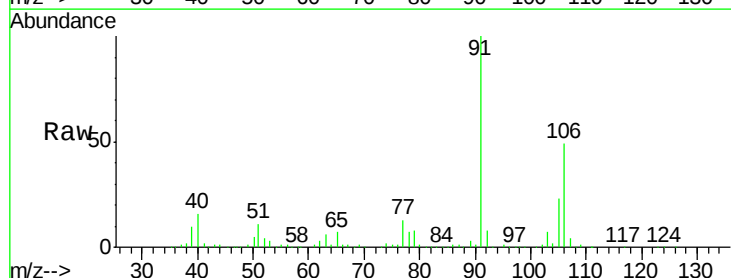
Instrument :
MSVOA_X
ClientSampled :
MW-7

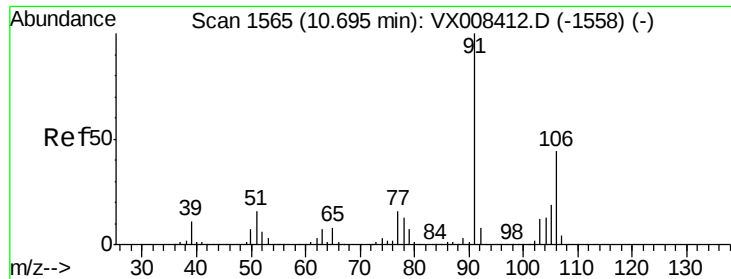
Tot Ion: 91 Resp: 64522
Ion Ratio Lower Upper
91 100
106 32.0 24.0 36.0



#68
m/p-Xylenes
Concen: 5.830 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

Tgt Ion: 106 Resp: 29770
Ion Ratio Lower Upper
106 100
91 209.0 168.6 253.0

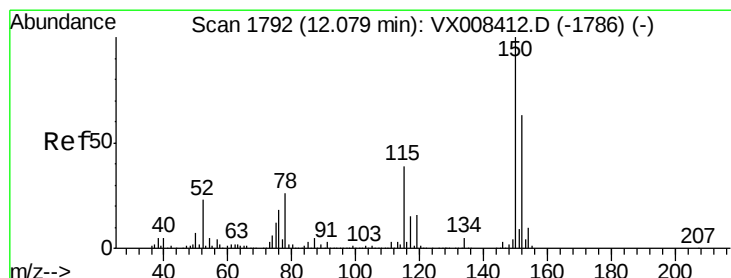
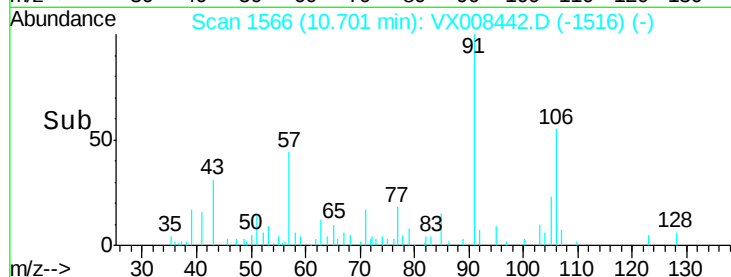
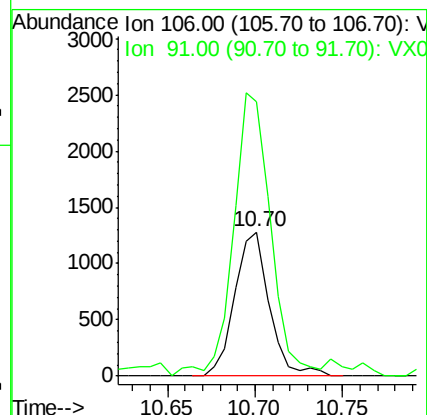
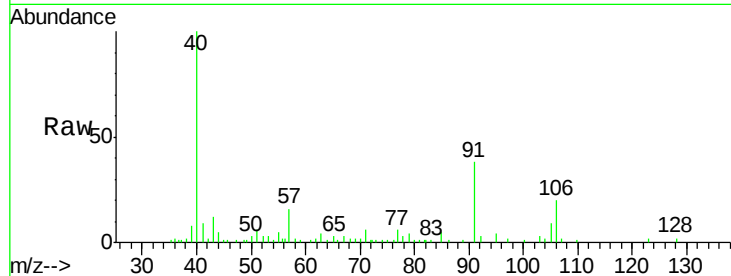




#69
o-Xylene
Concen: 0.357 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

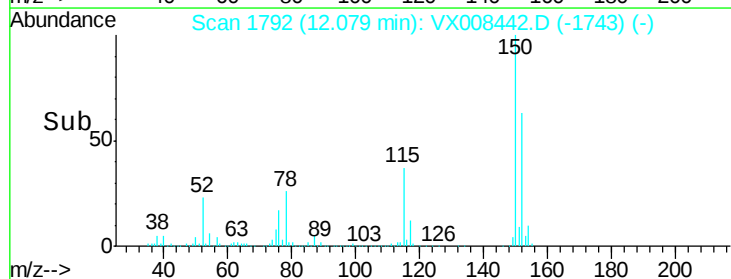
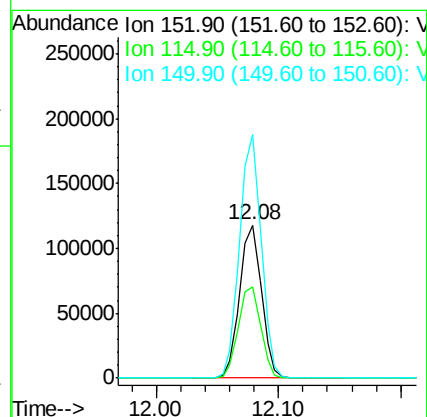
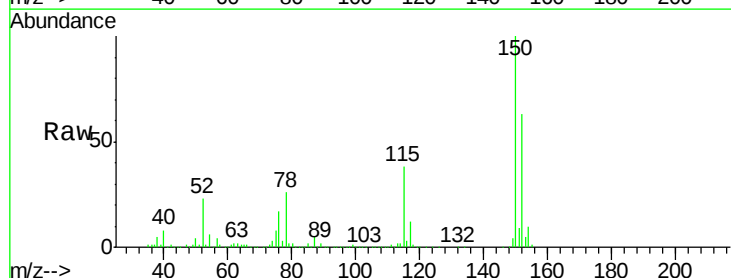
Instrument :
MSVOA_X
ClientSampled :
MW-7

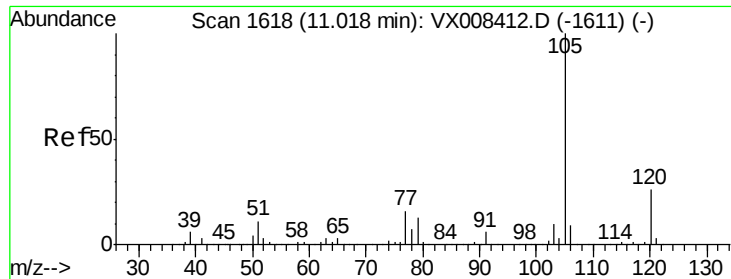
Tot Ion:106 Resp: 1770
Ion Ratio Lower Upper
106 100
91 210.1 111.4 334.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008442.D
Acq: 26 Mar 2019 03:58

Tgt Ion:152 Resp: 145141
Ion Ratio Lower Upper
152 100
115 61.5 43.5 130.5
150 158.1 0.0 348.8





#73

Isopropylbenzene

Concen: 5.227 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008442.D

Acq: 26 Mar 2019 03:58

Instrument :

MSVOA_X

ClientSampled :

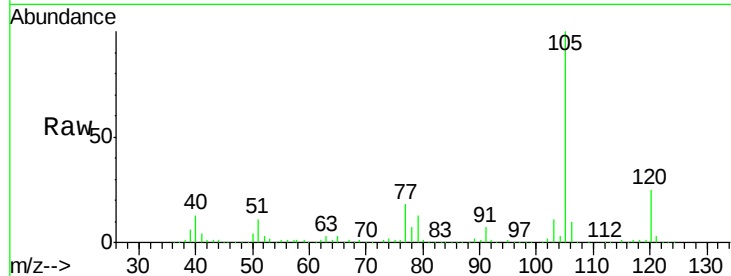
MW-7

Tot Ion:105 Resp: 61716

Ion Ratio Lower Upper

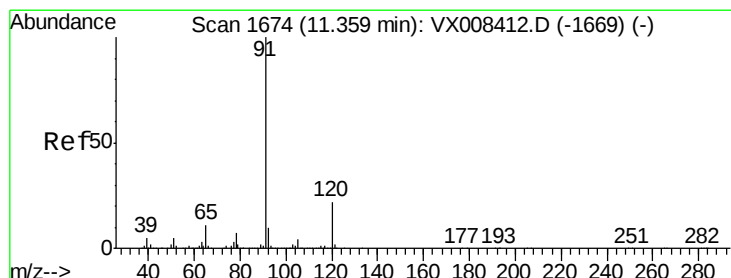
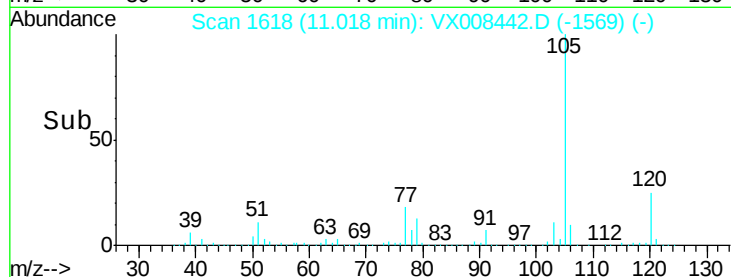
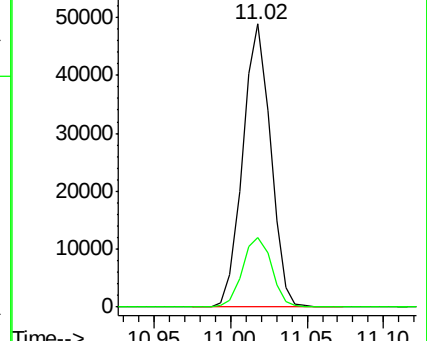
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 3.384 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008442.D

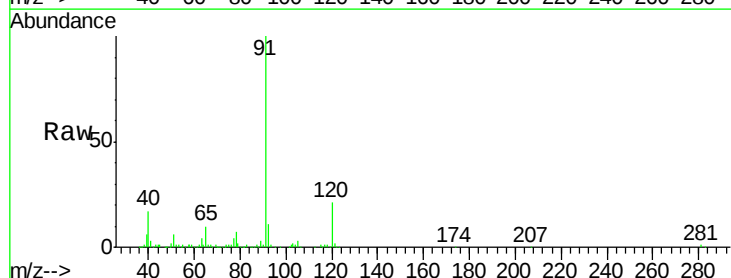
Acq: 26 Mar 2019 03:58

Tgt Ion: 91 Resp: 46804

Ion Ratio Lower Upper

91 100

120 21.0 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

