

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032919\
 Data File : VX008546.D
 Acq On : 29 Mar 2019 16:13
 Operator : JC/SP
 Sample : K2088-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104

Quant Time: Mar 30 00:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

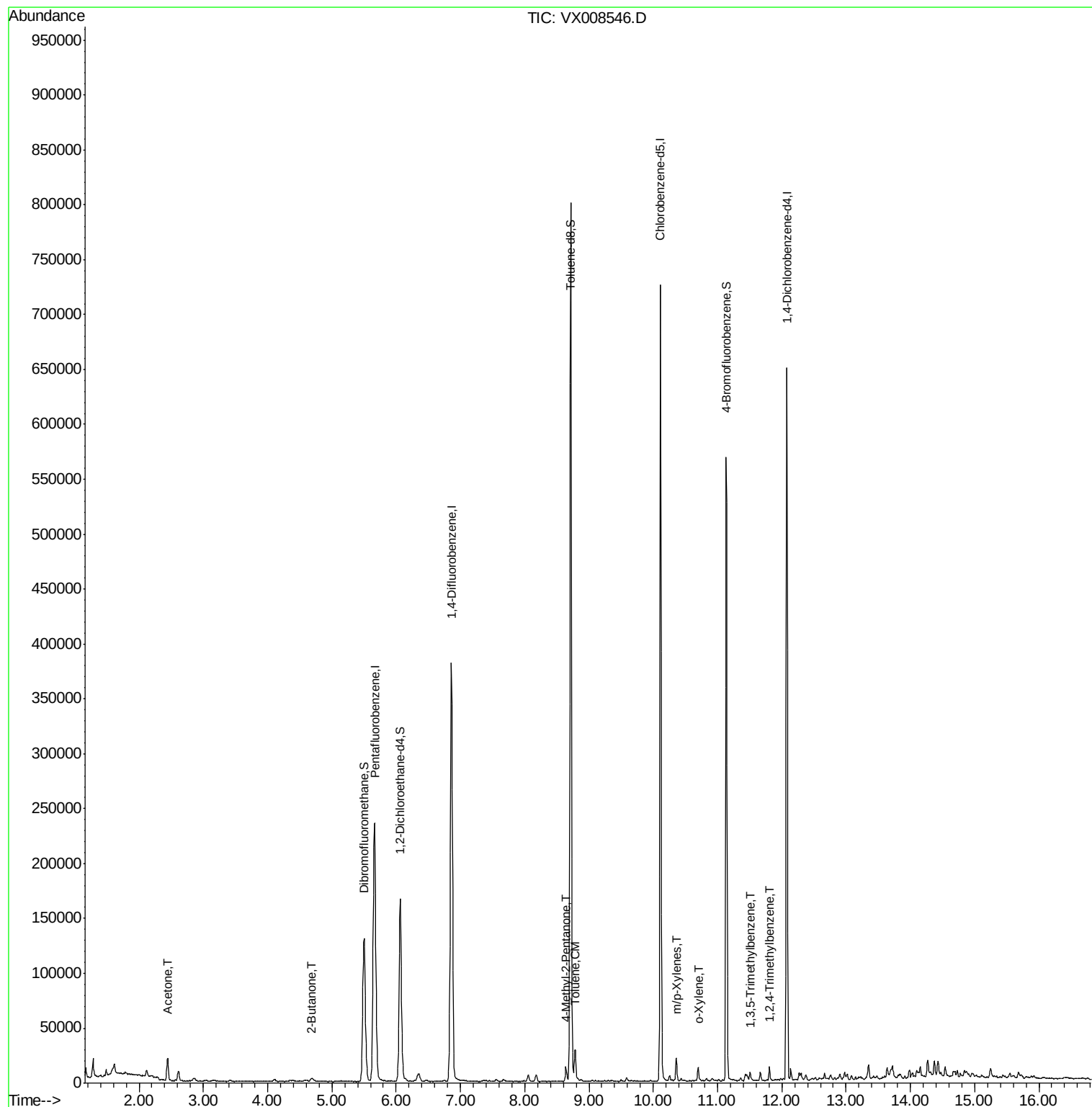
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374576	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	155947	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
35) Dibromofluoromethane	5.50	113	114431	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	8.71	98	469500	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.13	95	155686	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.04%	
Target Compounds						
16) Acetone	2.45	43	22735	12.727	ug/l	95
25) 2-Butanone	4.69	43	5645	1.971	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	8647	1.609	ug/l	100
52) Toluene	8.78	92	9694	1.356	ug/l	100
68) m/p-Xylenes	10.36	106	4678	0.983	ug/l	98
69) o-Xylene	10.70	106	2645	0.573	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	2889	0.324	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	4844	0.538	ug/l	95

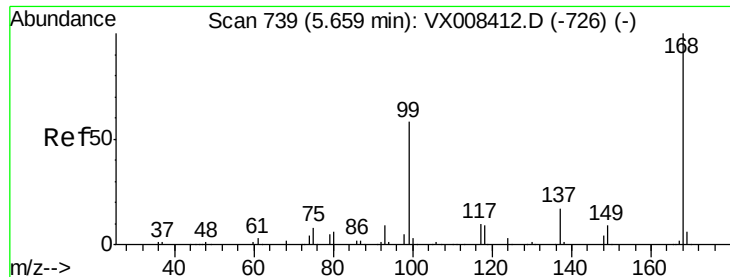
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008546.D

Acq: 29 Mar 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

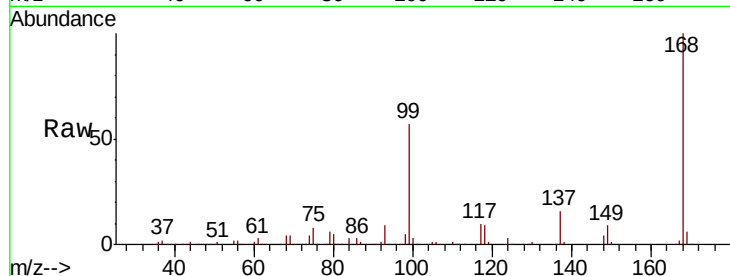
MW-104

Tot Ion:168 Resp: 225448

Ion Ratio Lower Upper

168 100

99 57.4 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

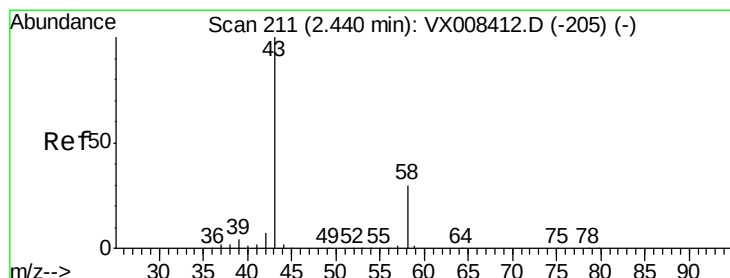
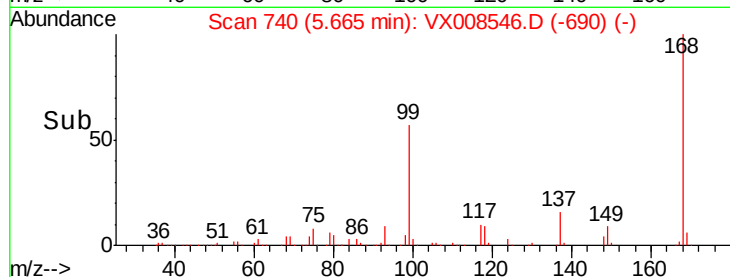
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.727 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008546.D

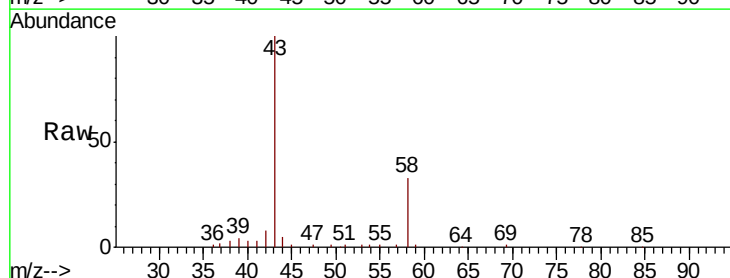
Acq: 29 Mar 2019 16:13

Tgt Ion: 43 Resp: 22735

Ion Ratio Lower Upper

43 100

58 32.7 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

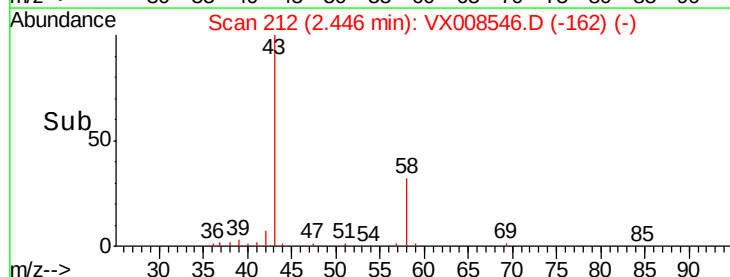
10000

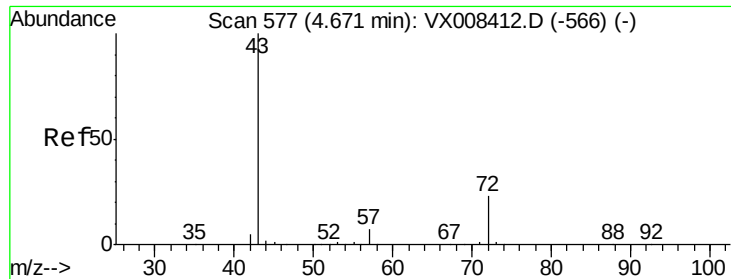
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#25

2-Butanone

Concen: 1.971 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX008546.D

Acq: 29 Mar 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

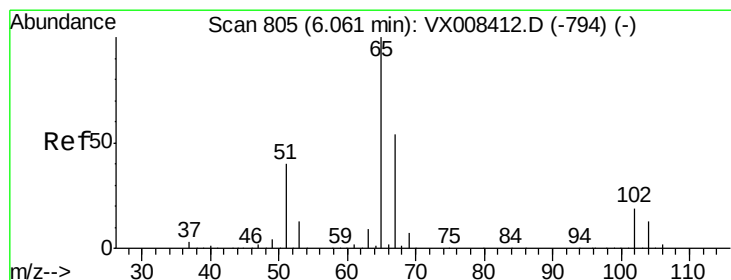
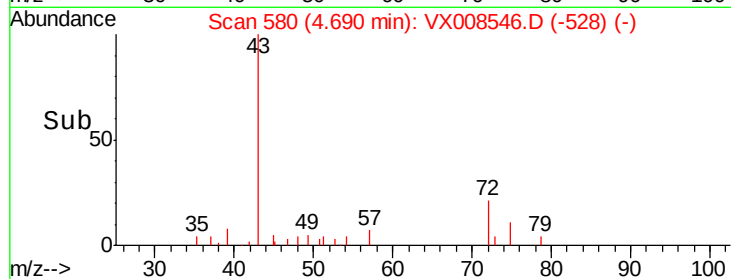
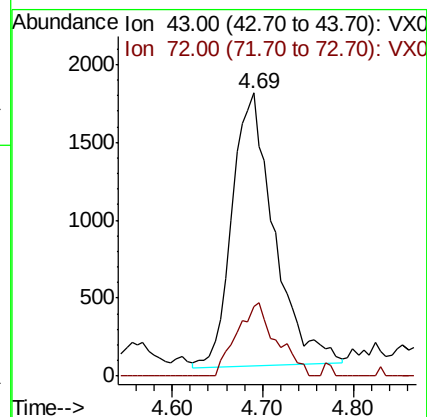
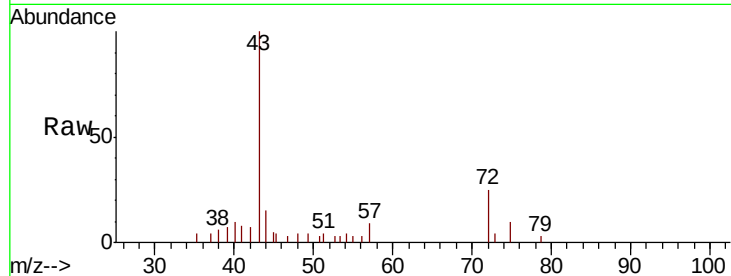
MW-104

Tot Ion: 43 Resp: 5645

Ion Ratio Lower Upper

43 100

72 25.8 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 45.627 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008546.D

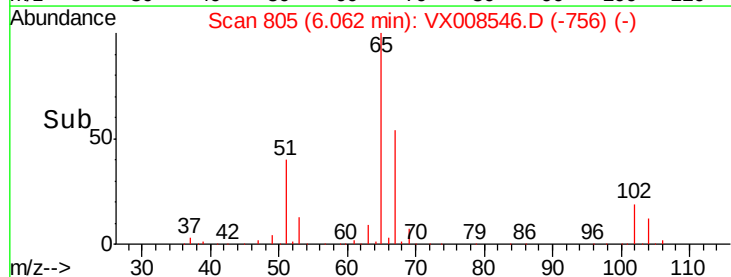
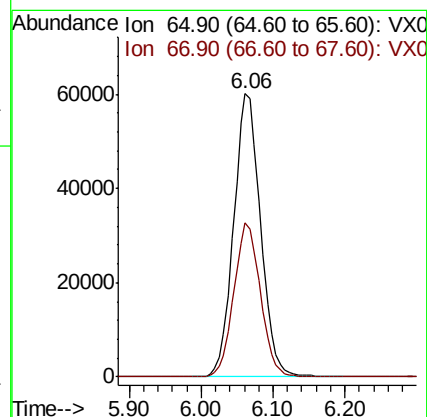
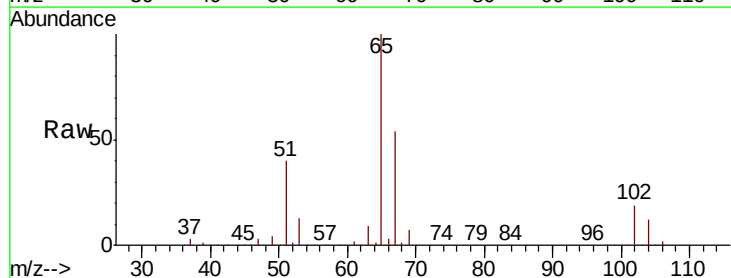
Acq: 29 Mar 2019 16:13

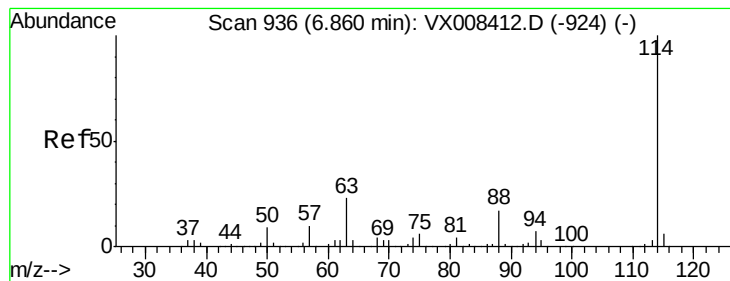
Tgt Ion: 65 Resp: 155947

Ion Ratio Lower Upper

65 100

67 54.1 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: VX008546.D

Acq: 29 Mar 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

MW-104

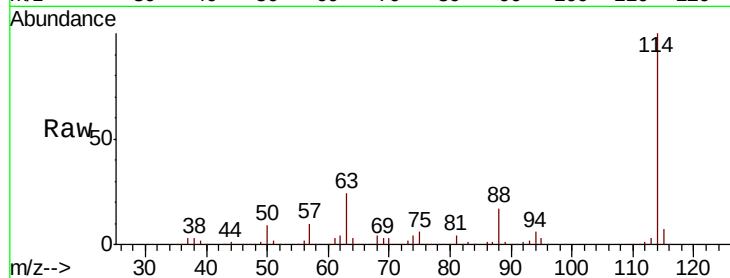
Tot Ion:114 Resp: 374576

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.4

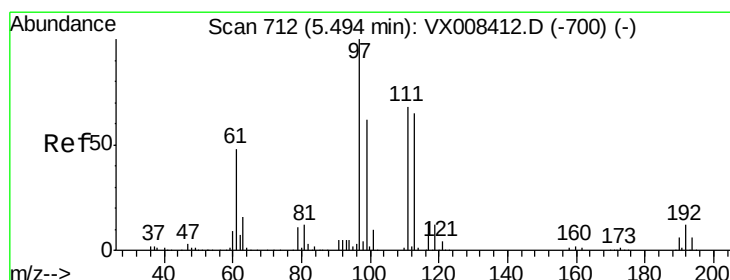
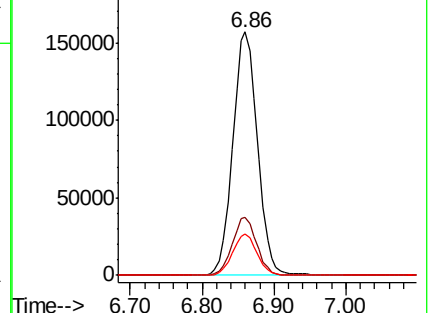
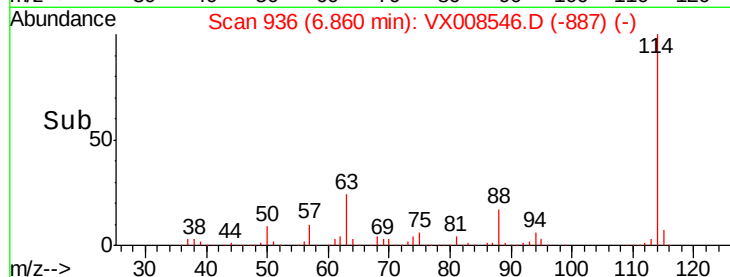
88 17.2 0.0 33.2



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: 46.852 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008546.D

Acq: 29 Mar 2019 16:13

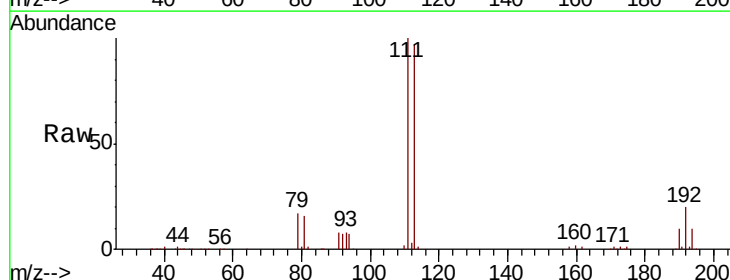
Tgt Ion:113 Resp: 114431

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

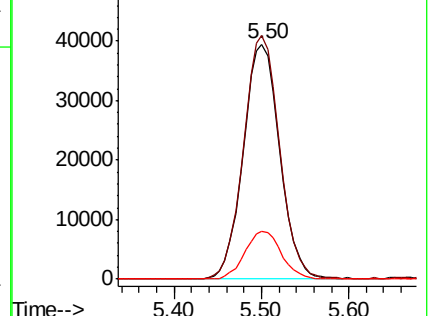
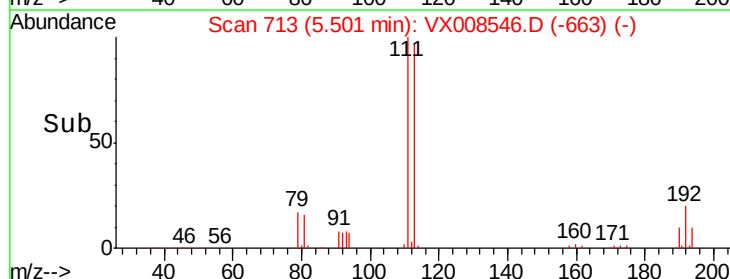
192 20.2 15.6 23.4

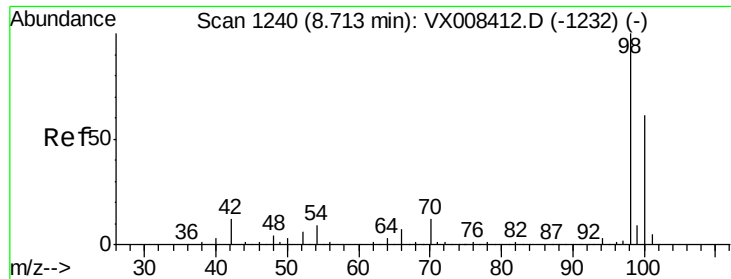


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

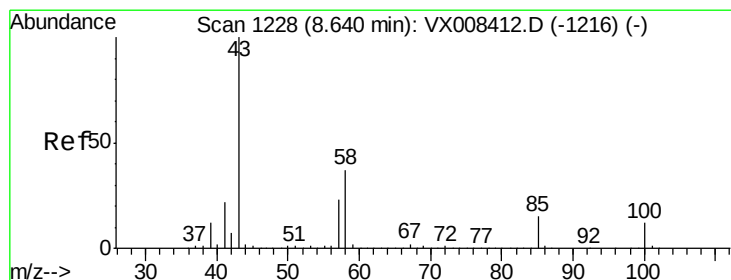
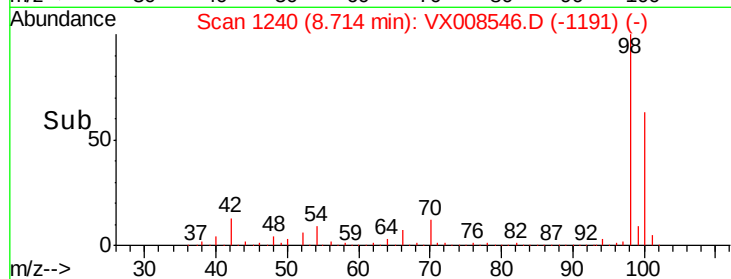
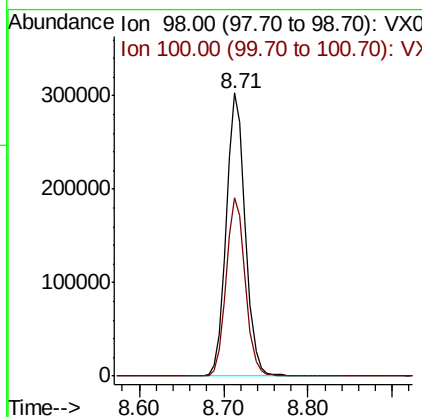
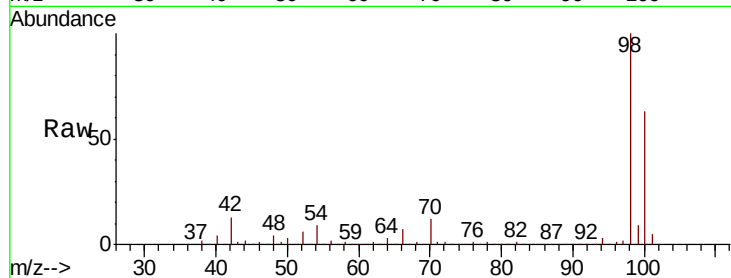




#50
Toluene-d8
Concen: 48.074 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008546.D
Acq: 29 Mar 2019 16:13

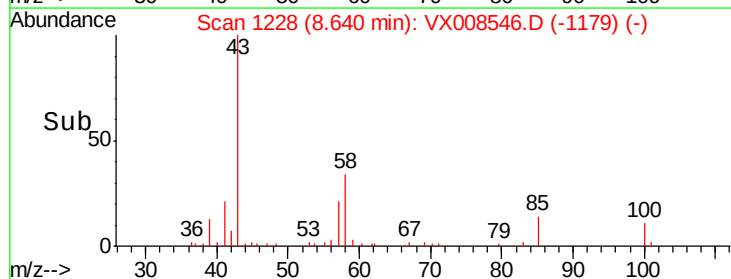
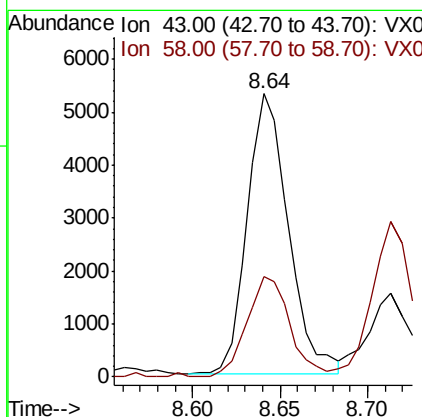
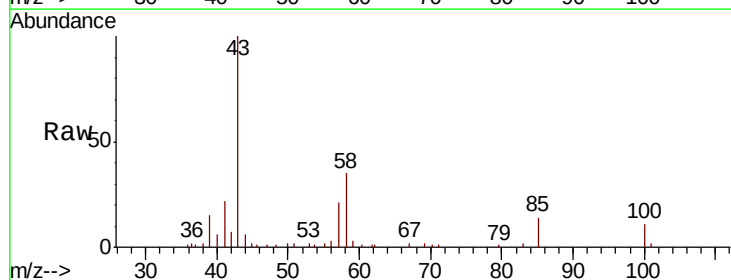
Instrument :
MSVOA_X
ClientSampleId :
MW-104

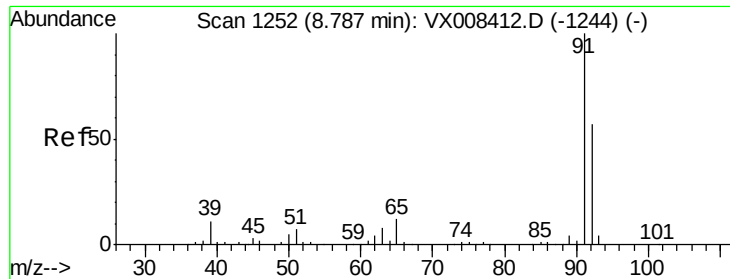
Tot Ion: 98 Resp: 469500
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 1.609 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008546.D
Acq: 29 Mar 2019 16:13

Tgt Ion: 43 Resp: 8647
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.8





#52

Toluene

Concen: 1.356 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008546.D

Acq: 29 Mar 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

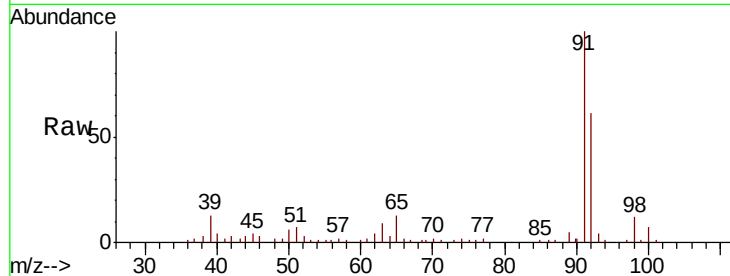
MW-104

Tot Ion: 92 Resp: 9694

Ion Ratio Lower Upper

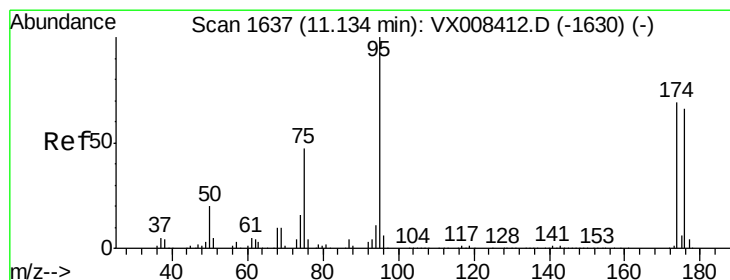
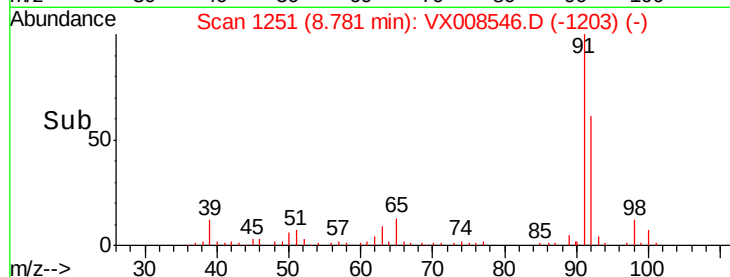
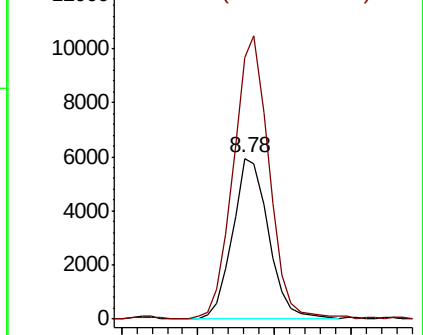
92 100

91 174.7 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 43.019 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008546.D

Acq: 29 Mar 2019 16:13

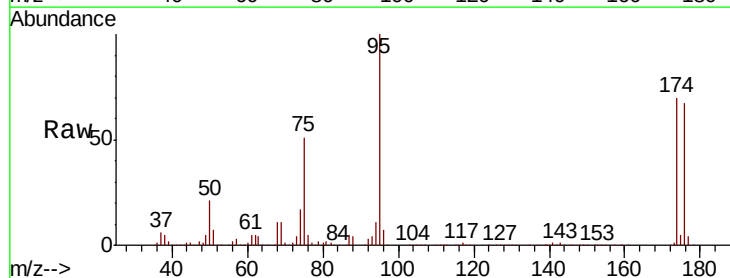
Tgt Ion: 95 Resp: 155686

Ion Ratio Lower Upper

95 100

174 74.5 0.0 147.2

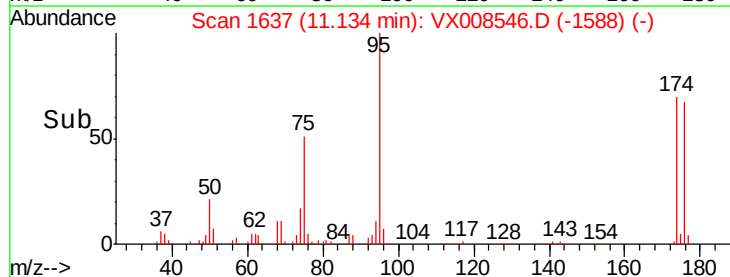
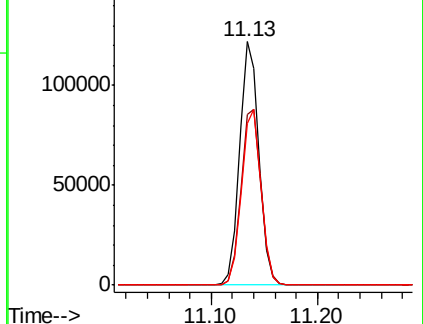
176 73.2 0.0 142.4

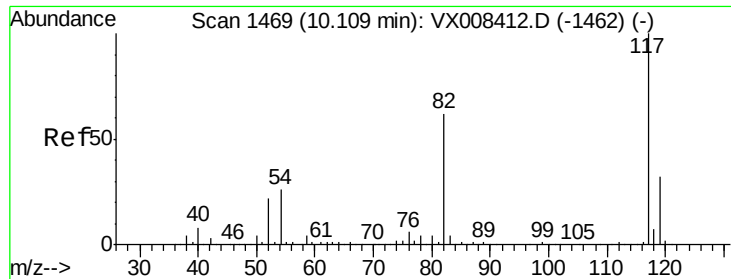


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

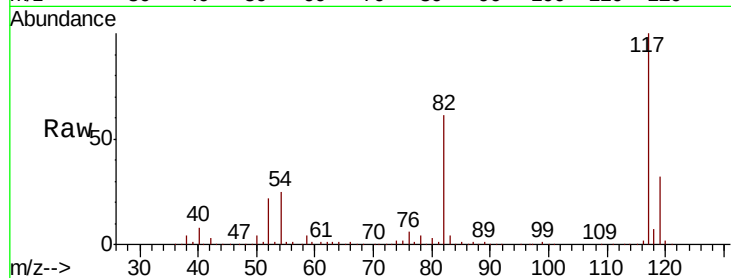




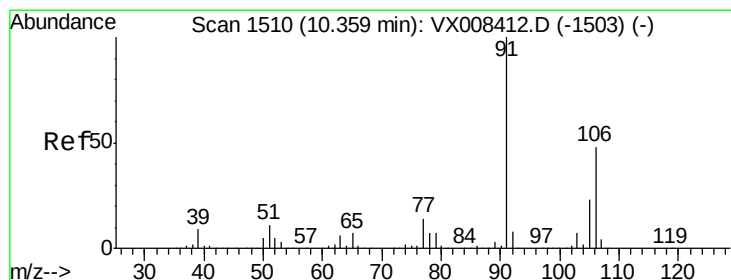
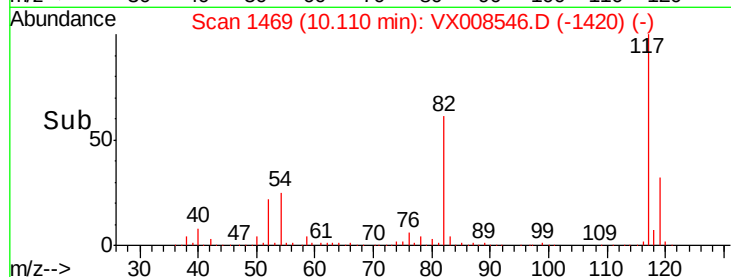
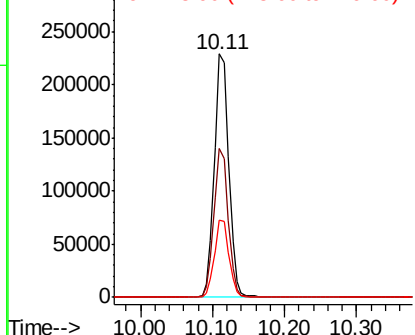
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008546.D
Acq: 29 Mar 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tot Ion:117 Resp: 318684
Ion Ratio Lower Upper
117 100
82 61.1 49.4 74.2
119 31.8 25.4 38.0

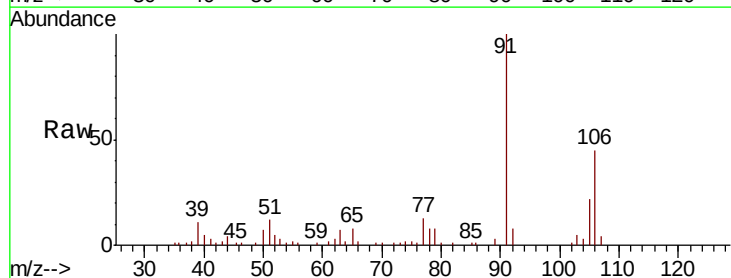


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

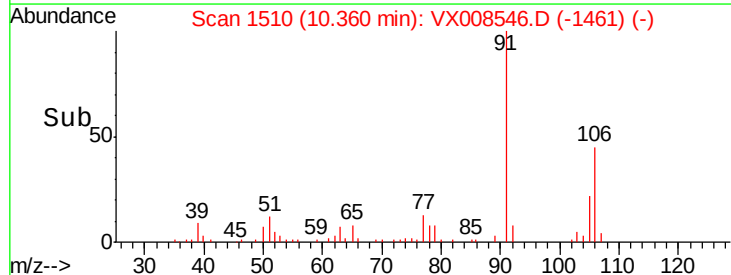
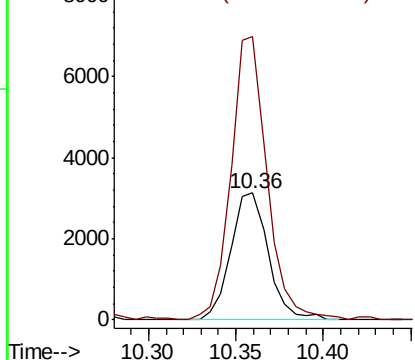


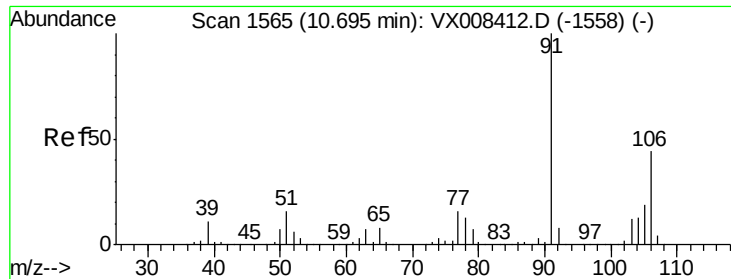
#68
m/p-Xylenes
Concen: 0.983 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008546.D
Acq: 29 Mar 2019 16:13

Tgt Ion:106 Resp: 4678
Ion Ratio Lower Upper
106 100
91 213.6 168.6 253.0



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

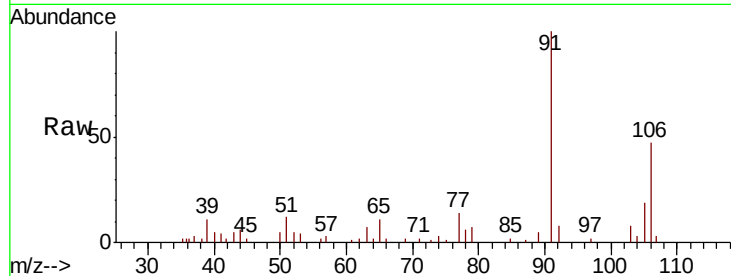




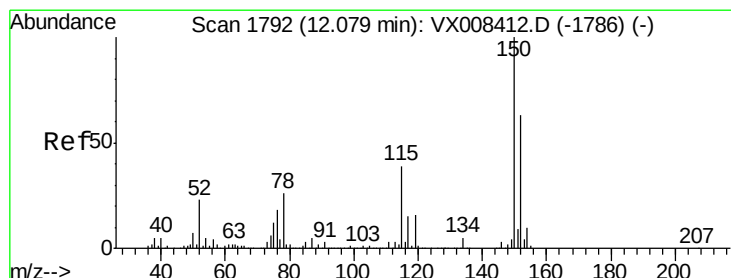
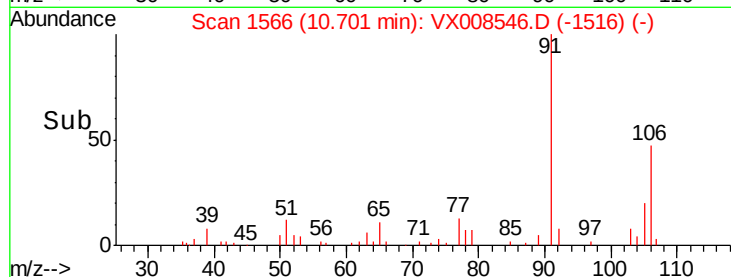
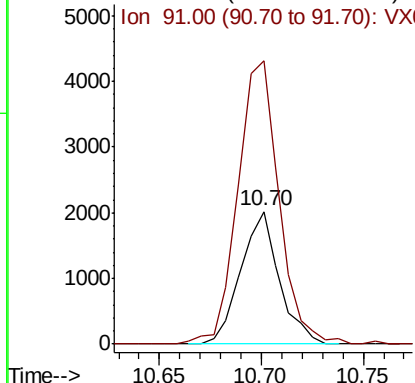
#69
o-Xylene
Concen: 0.573 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008546.D
Acq: 29 Mar 2019 16:13

Instrument :
MSVOA_X
ClientSampled :
MW-104

Tot Ion:106 Resp: 2645
Ion Ratio Lower Upper
106 100
91 228.8 111.4 334.2

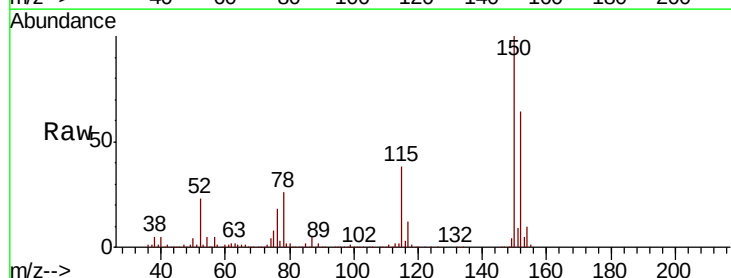


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

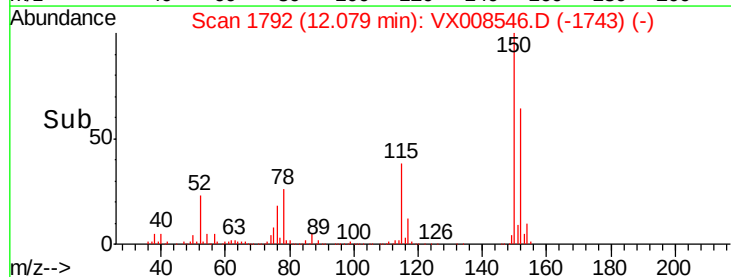
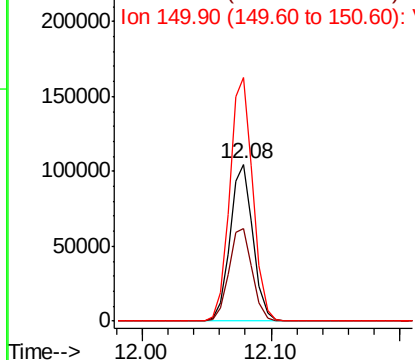


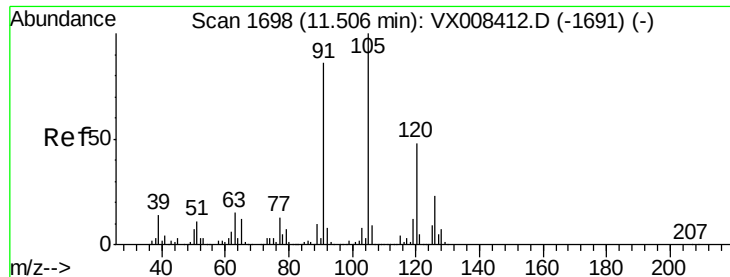
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008546.D
Acq: 29 Mar 2019 16:13

Tgt Ion:152 Resp: 129502
Ion Ratio Lower Upper
152 100
115 60.7 43.5 130.5
150 157.4 0.0 348.8



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

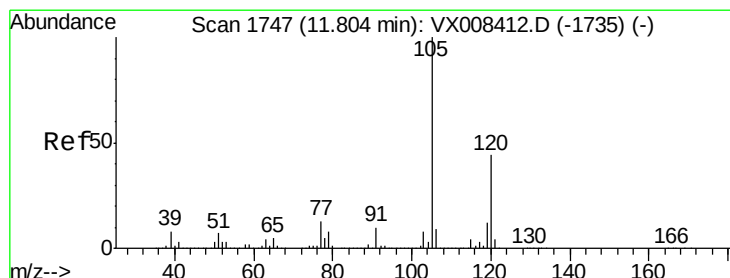
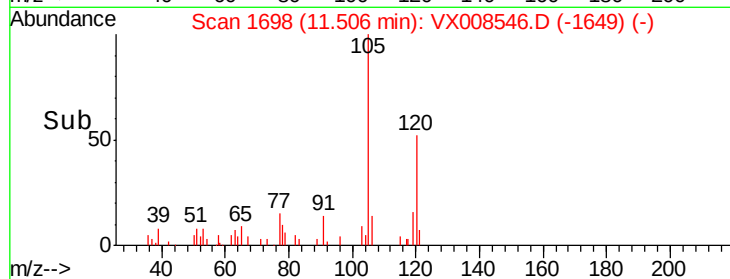
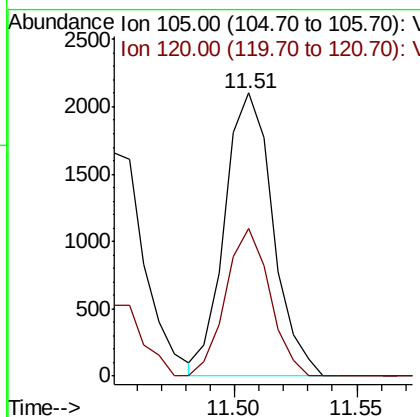
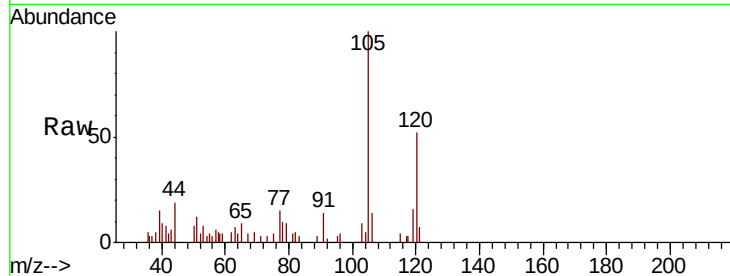




#80
 1,3,5-Trimethylbenzene
 Concen: 0.324 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008546.D
 Acq: 29 Mar 2019 16:13

Instrument :
 MSVOA_X
 ClientSampled :
 MW-104

Tot Ion:105 Resp: 2889
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.3



#84
 1,2,4-Trimethylbenzene
 Concen: 0.538 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008546.D
 Acq: 29 Mar 2019 16:13

Tgt Ion:105 Resp: 4844
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.6 65.0

