

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005732.D
 Acq On : 01 Nov 2018 16:31
 Operator : JC/MD
 Sample : J5729-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WS1

Quant Time: Nov 02 12:35:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	80406	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	89547	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
35) Dibromofluoromethane	5.50	113	67609	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	8.72	98	246329	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	11.14	95	82164	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	

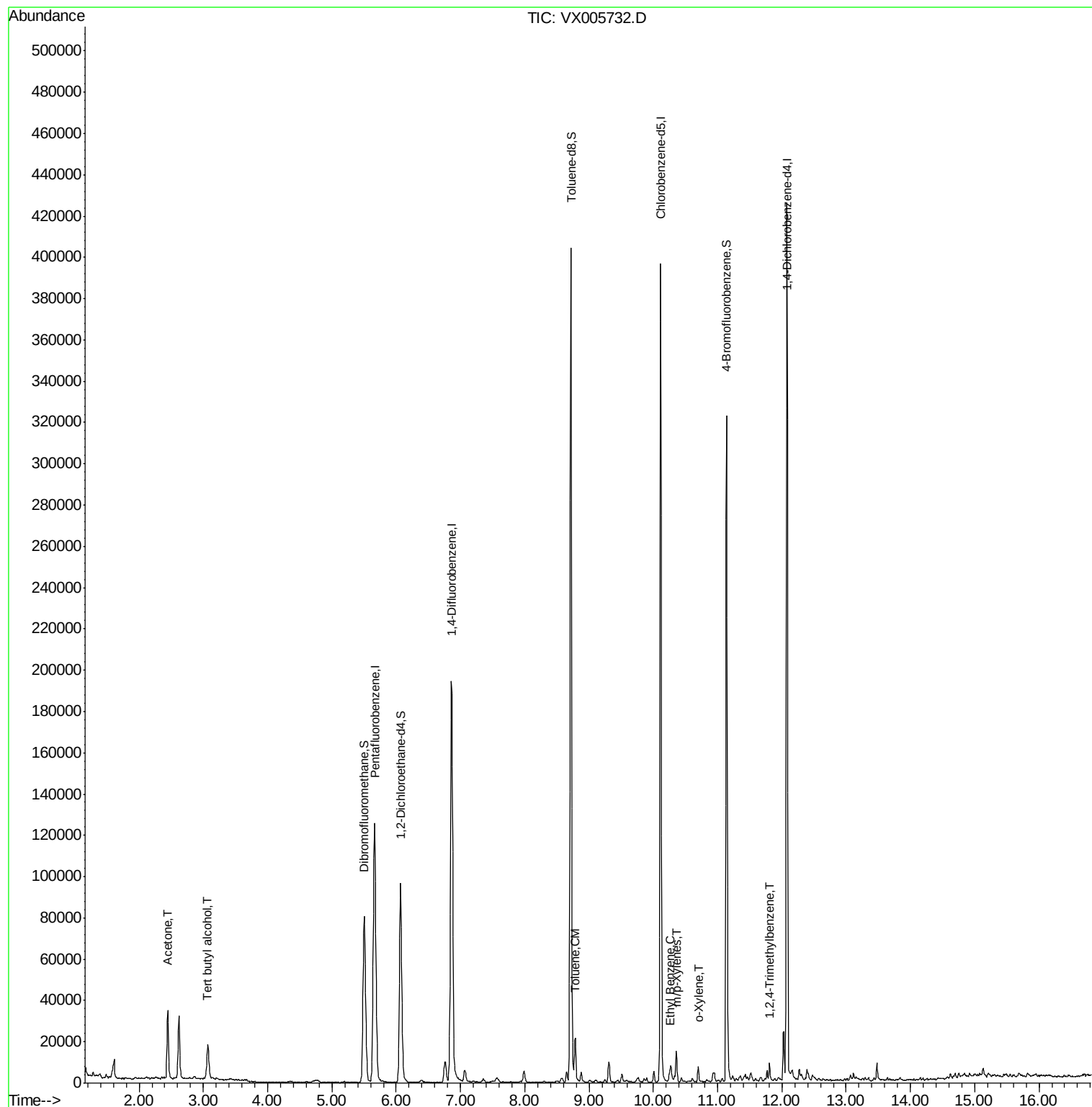
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	20834	45.444	ug/l	98
16) Acetone	2.45	43	34007	31.014	ug/l	96
52) Toluene	8.79	92	6783	2.032	ug/l	97
67) Ethyl Benzene	10.26	91	2585	0.404	ug/l	94
68) m/p-Xylenes	10.36	106	3267	1.375	ug/l	94
69) o-Xylene	10.70	106	1557	0.685	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2178	0.479	ug/l	99

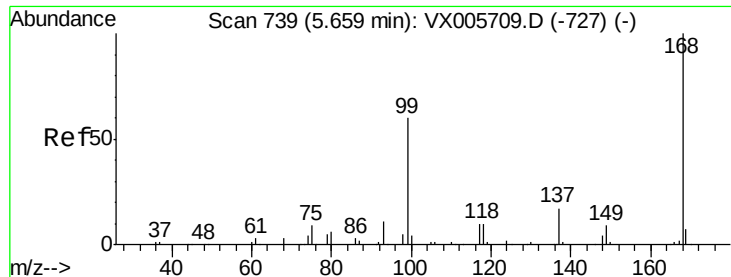
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
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WS1

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
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: VX005732.D

Acq: 01 Nov 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

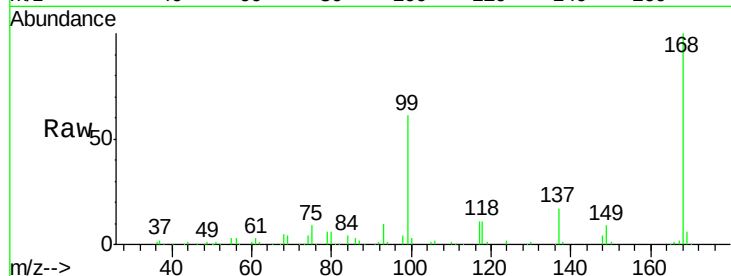
WS1

Tgt Ion:168 Resp: 115468

Ion Ratio Lower Upper

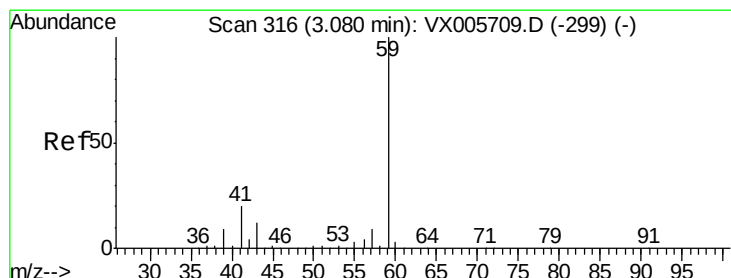
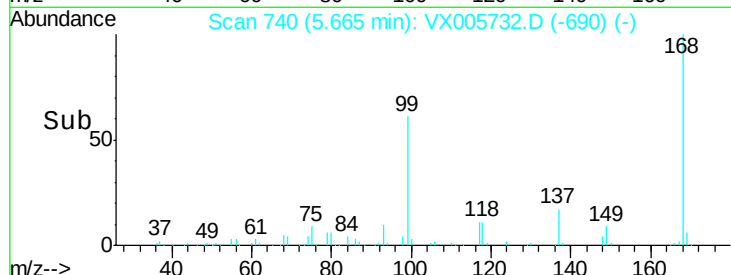
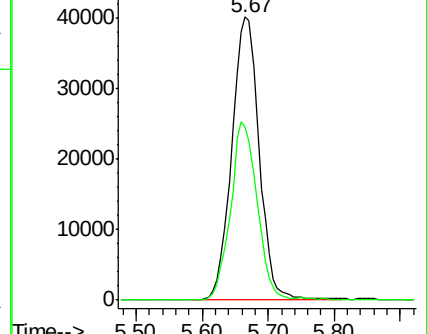
168 100

99 61.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 45.444 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX005732.D

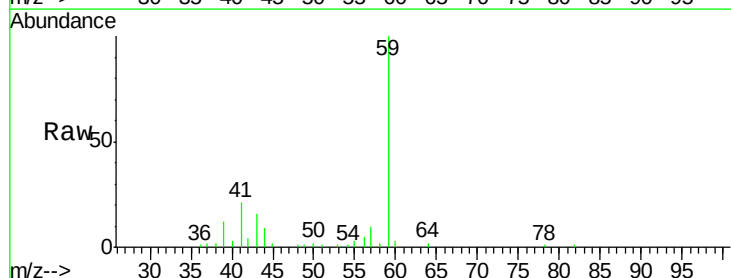
Acq: 01 Nov 2018 16:31

Tgt Ion: 59 Resp: 20834

Ion Ratio Lower Upper

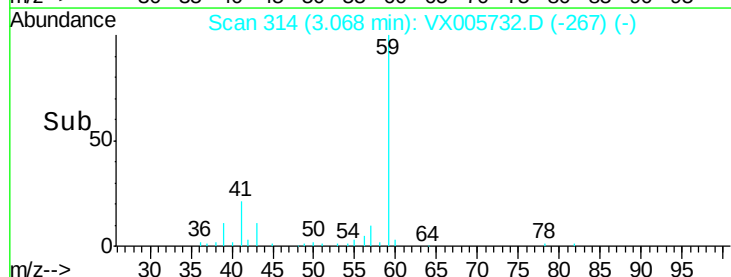
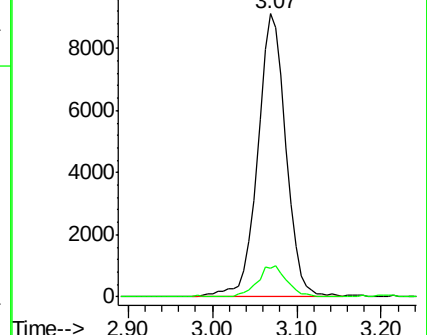
59 100

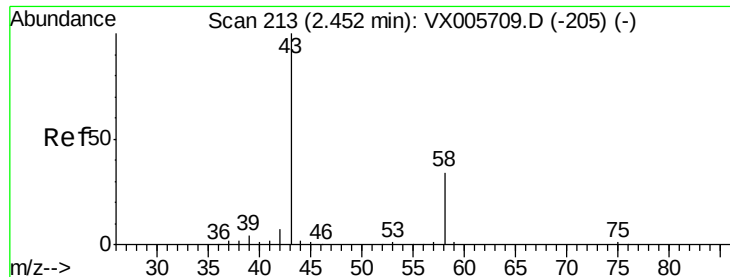
57 11.3 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 31.014 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005732.D

Acq: 01 Nov 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

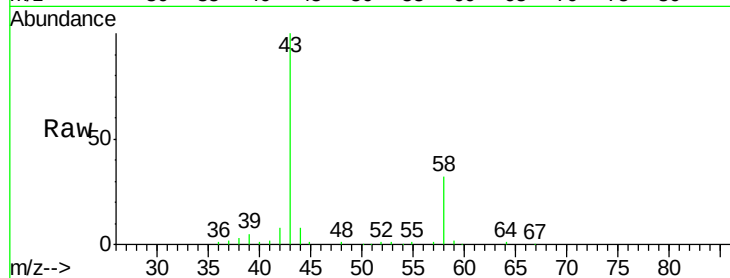
WS1

Tgt Ion: 43 Resp: 34007

Ion Ratio Lower Upper

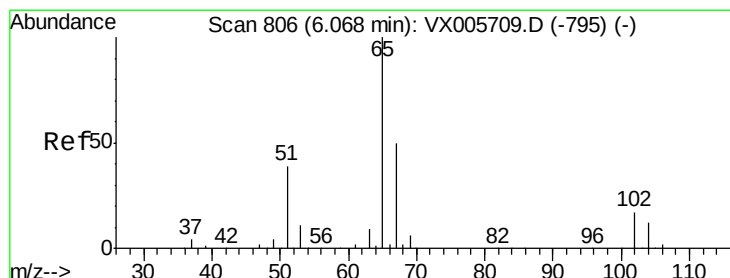
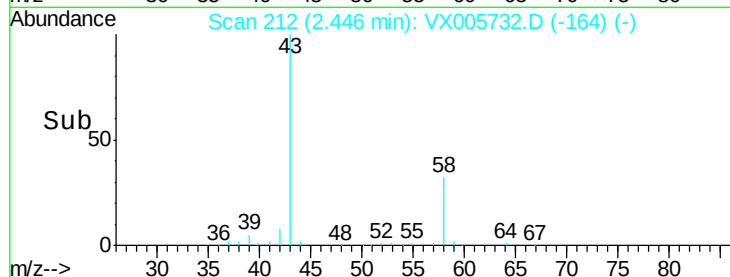
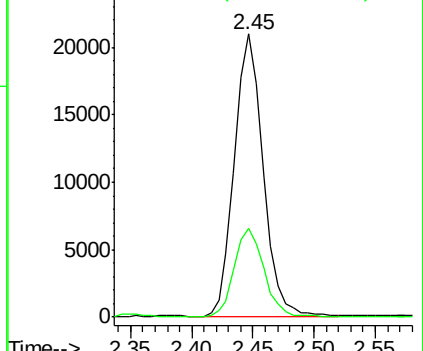
43 100

58 31.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.044 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005732.D

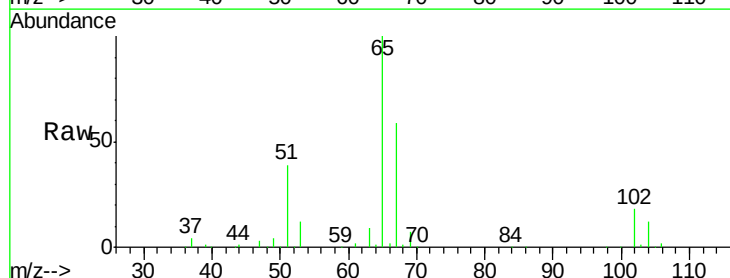
Acq: 01 Nov 2018 16:31

Tgt Ion: 65 Resp: 89547

Ion Ratio Lower Upper

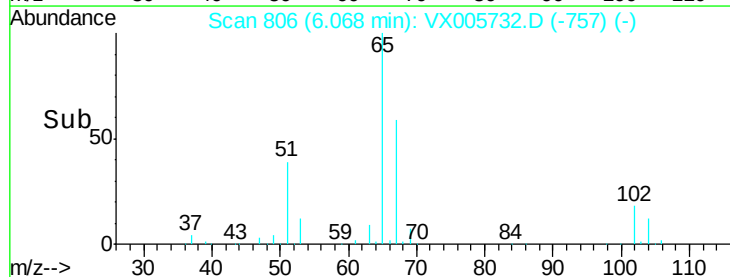
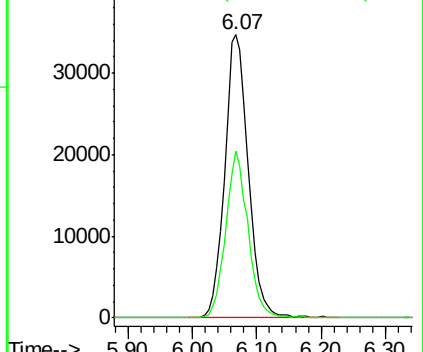
65 100

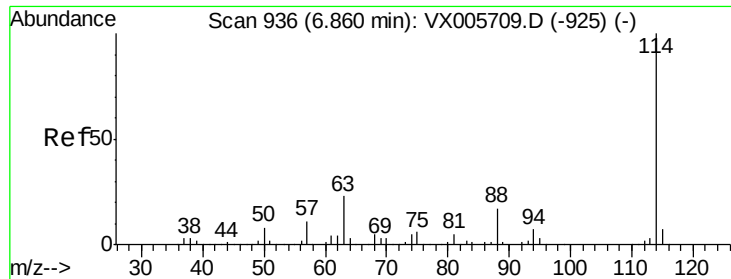
67 55.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

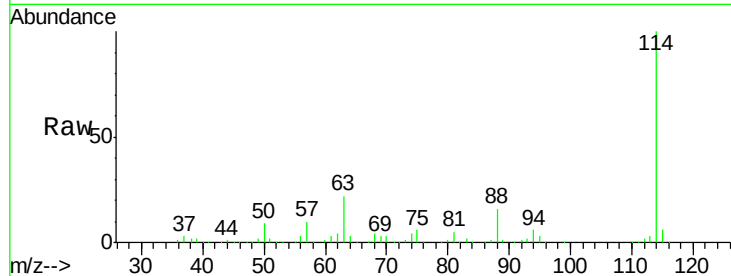




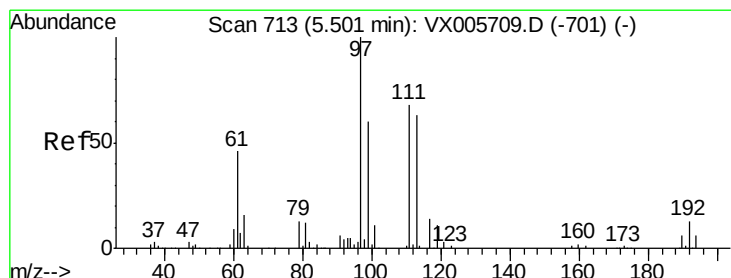
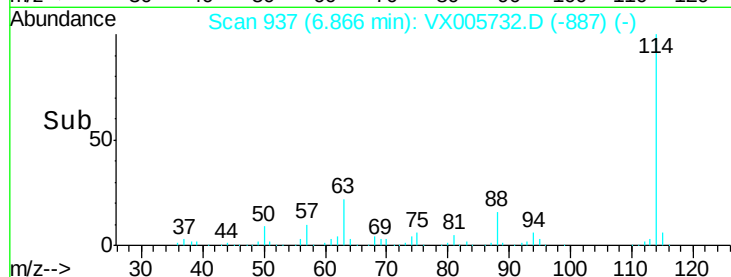
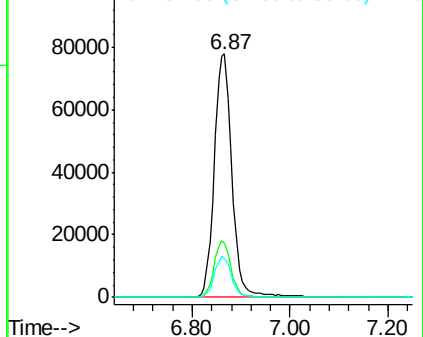
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005732.D
Acq: 01 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampled :
WS1

Tgt Ion:114 Resp: 194727
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.8
88 15.7 0.0 31.2

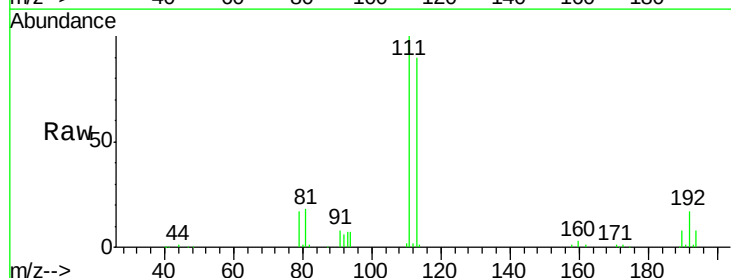


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

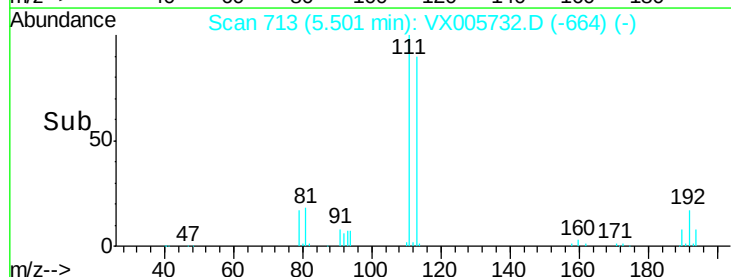
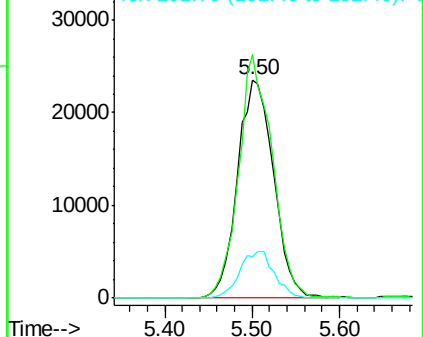


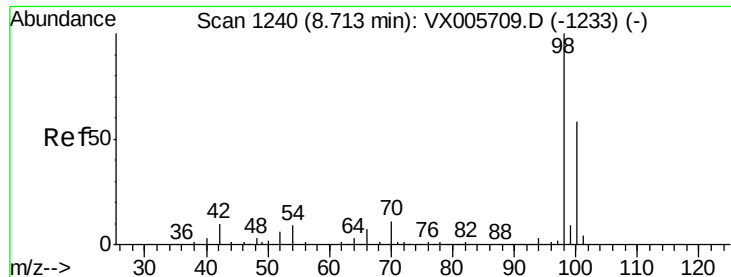
#35
Dibromofluoromethane
Concen: 50.144 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005732.D
Acq: 01 Nov 2018 16:31

Tgt Ion:113 Resp: 67609
Ion Ratio Lower Upper
113 100
111 104.4 82.3 123.5
192 20.7 17.9 26.9



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

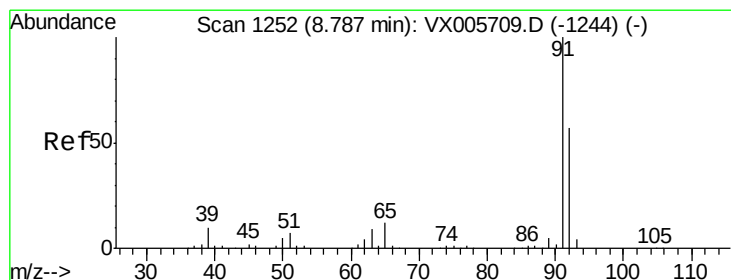
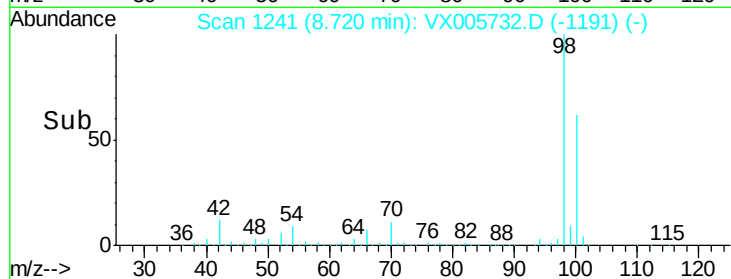
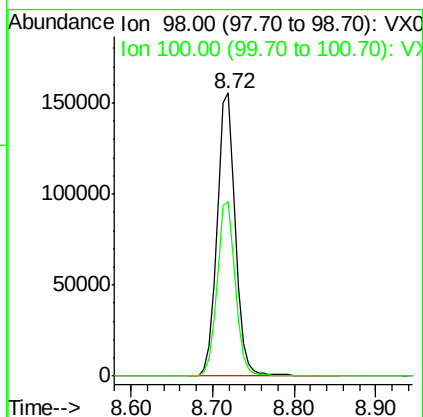
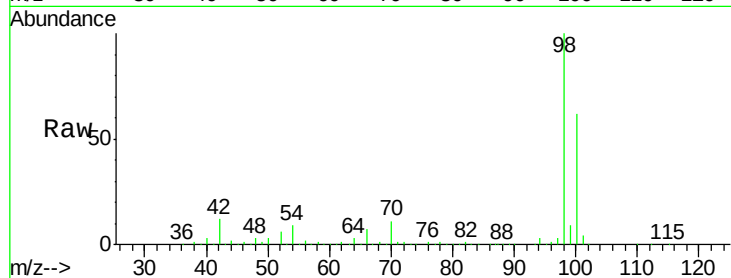




#50
Toluene-d8
Concen: 52.090 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005732.D
Acq: 01 Nov 2018 16:31

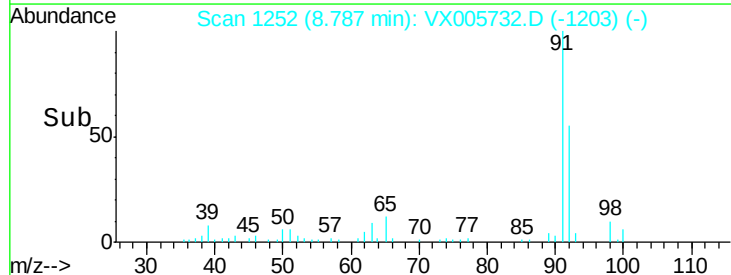
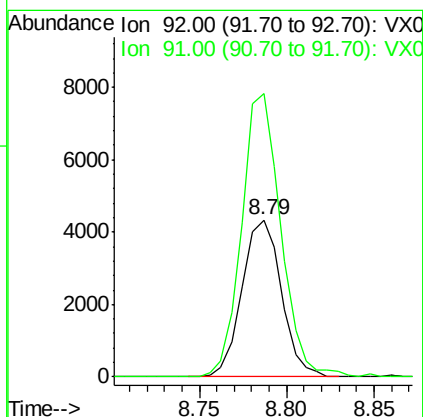
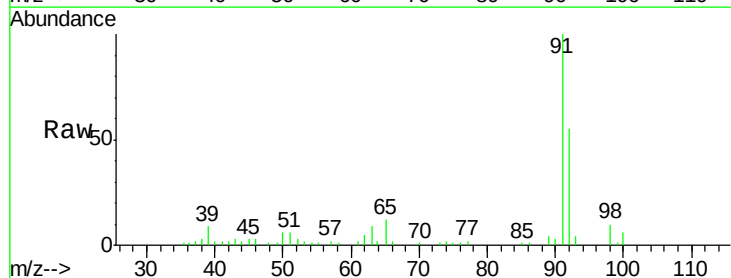
Instrument :
MSVOA_X
ClientSampleId :
WS1

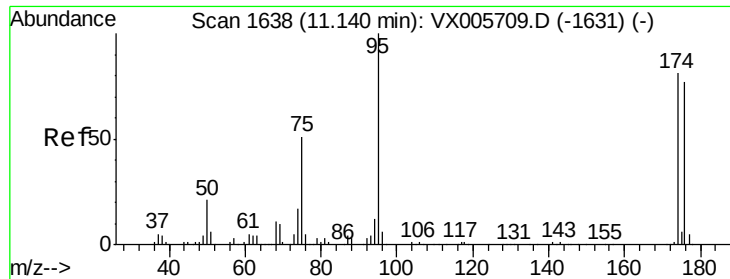
Tgt Ion: 98 Resp: 246329
Ion Ratio Lower Upper
98 100
100 61.4 51.3 76.9



#52
Toluene
Concen: 2.032 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005732.D
Acq: 01 Nov 2018 16:31

Tgt Ion: 92 Resp: 6783
Ion Ratio Lower Upper
92 100
91 179.6 140.4 210.6

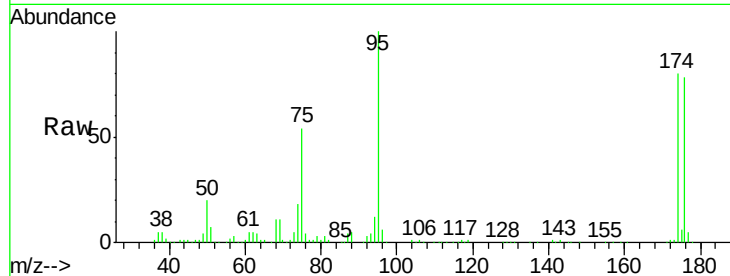




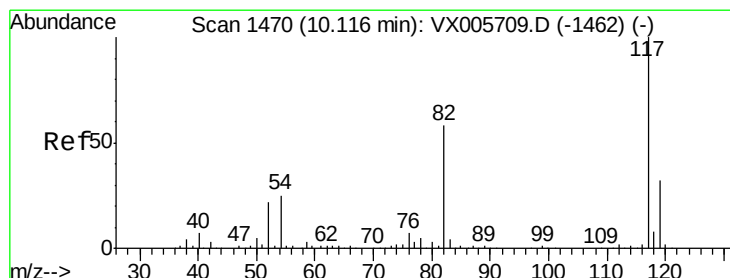
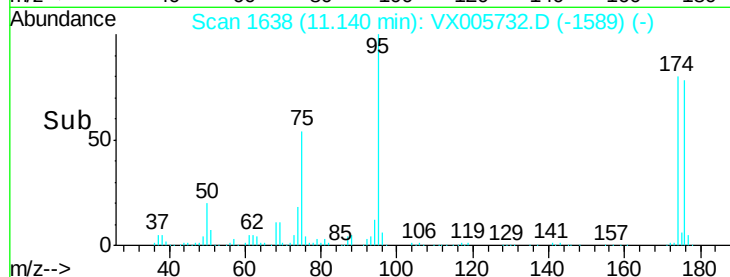
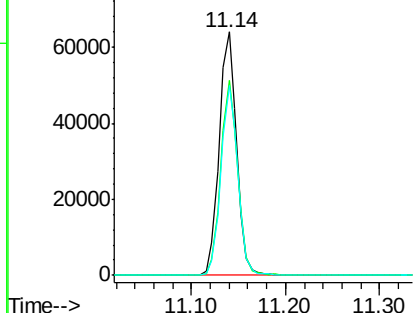
#62
4-Bromofluorobenzene
Concen: 47.077 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005732.D
Acq: 01 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
WS1

Tgt Ion: 95 Resp: 82164
Ion Ratio Lower Upper
95 100
174 77.8 0.0 184.4
176 75.6 0.0 177.4

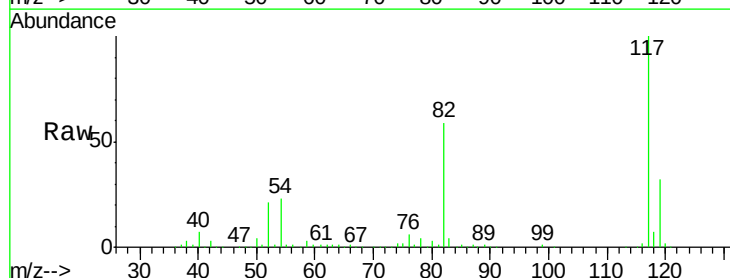


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

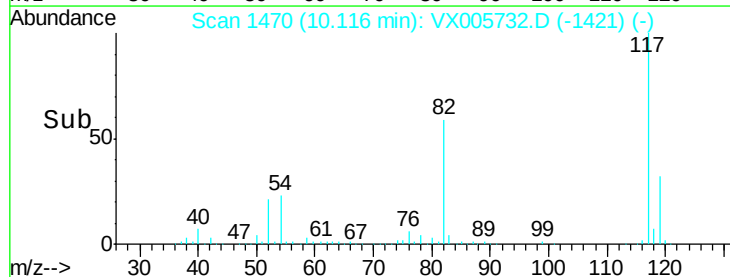
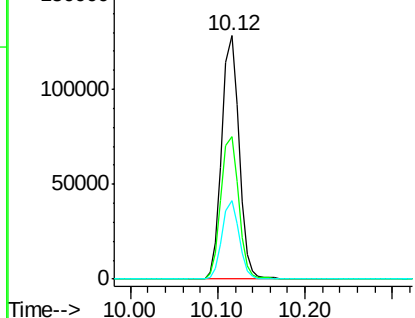


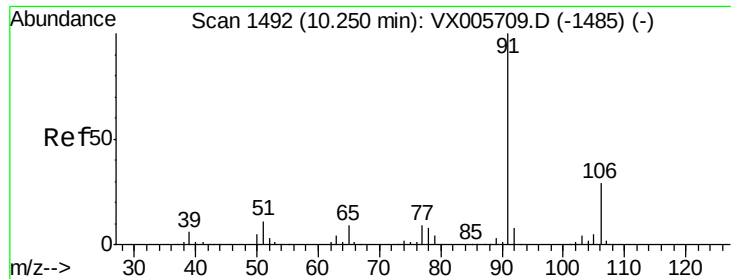
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005732.D
Acq: 01 Nov 2018 16:31

Tgt Ion: 117 Resp: 176369
Ion Ratio Lower Upper
117 100
82 58.5 44.1 66.1
119 32.1 26.2 39.2



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

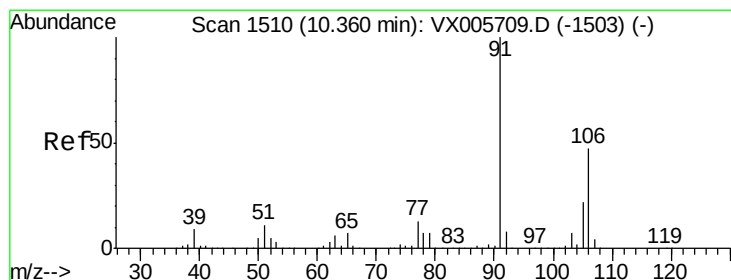
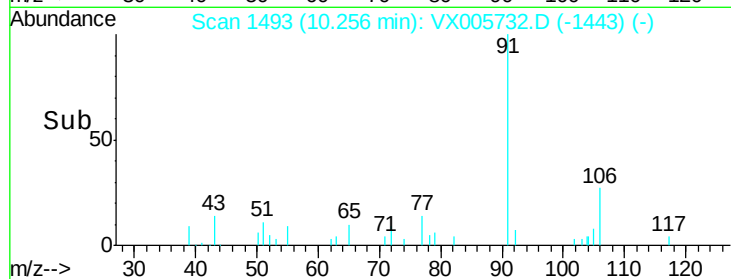
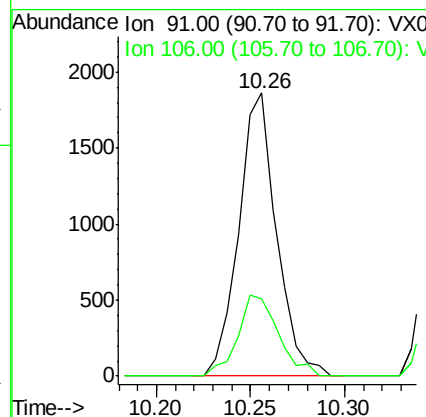
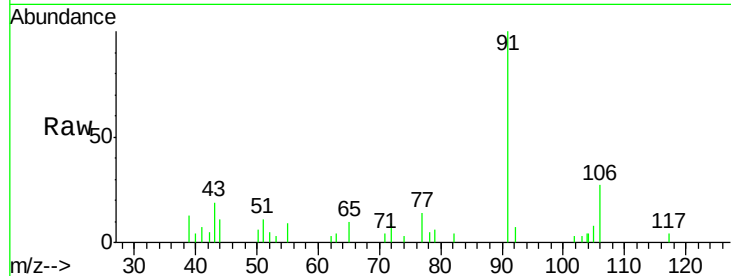




#67
Ethyl Benzene
Concen: 0.404 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005732.D
Acq: 01 Nov 2018 16:31

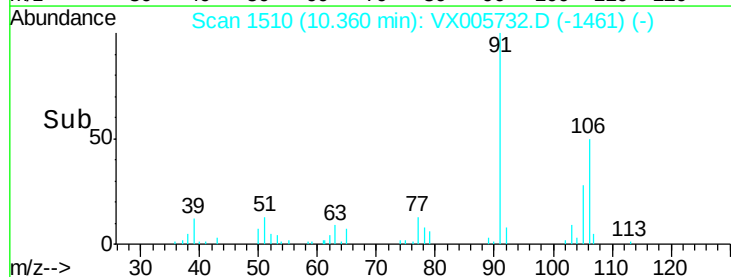
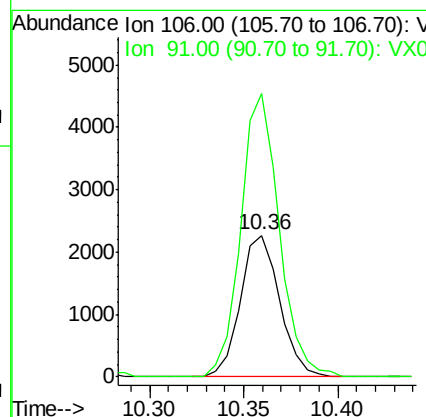
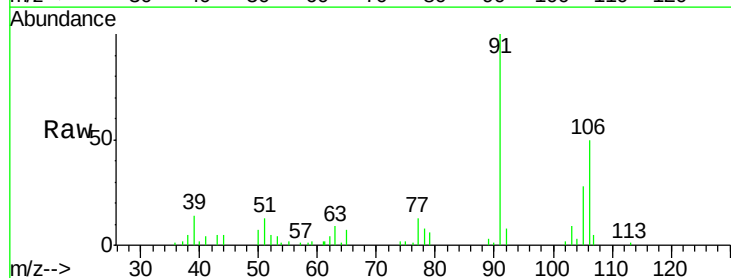
Instrument :
MSVOA_X
ClientSampleId :
WS1

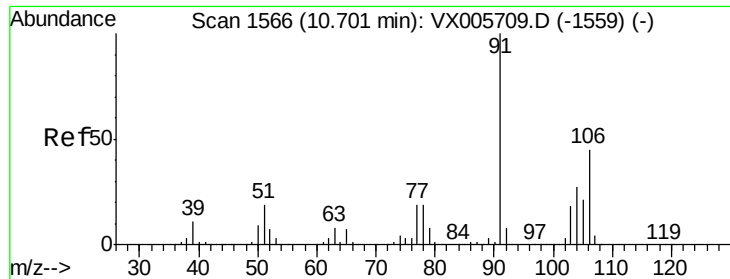
Tgt Ion: 91 Resp: 2585
Ion Ratio Lower Upper
91 100
106 27.5 24.4 36.6



#68
m/p-Xylenes
Concen: 1.375 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005732.D
Acq: 01 Nov 2018 16:31

Tgt Ion: 106 Resp: 3267
Ion Ratio Lower Upper
106 100
91 195.9 164.2 246.4

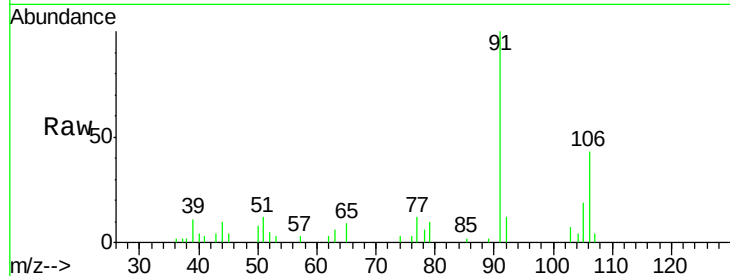




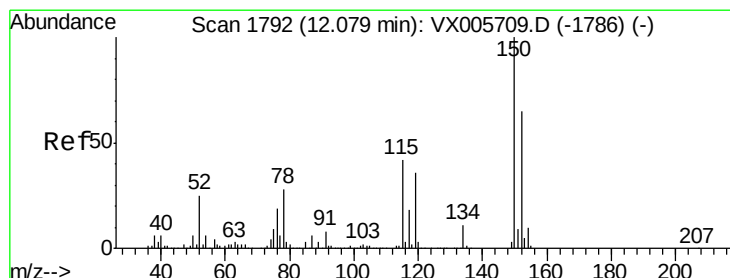
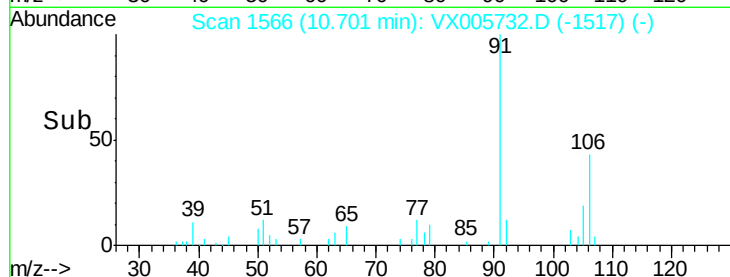
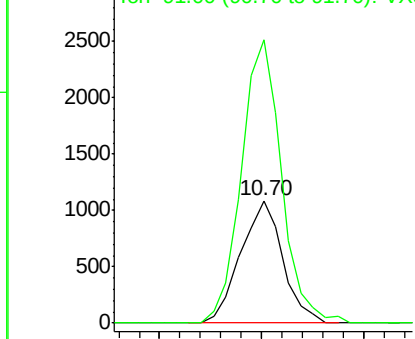
#69
o-Xylene
Concen: 0.685 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005732.D
Acq: 01 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampled :
WS1

Tgt Ion:106 Resp: 1557
Ion Ratio Lower Upper
106 100
91 220.4 108.5 325.5

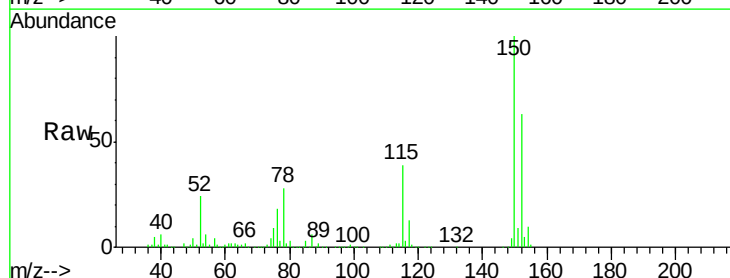


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

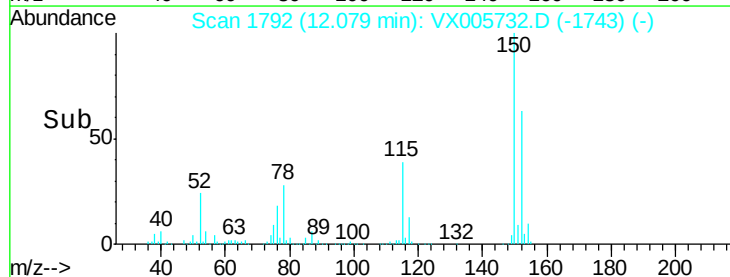
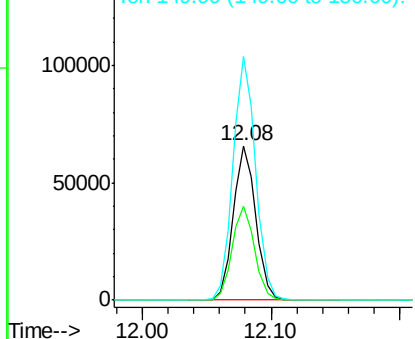


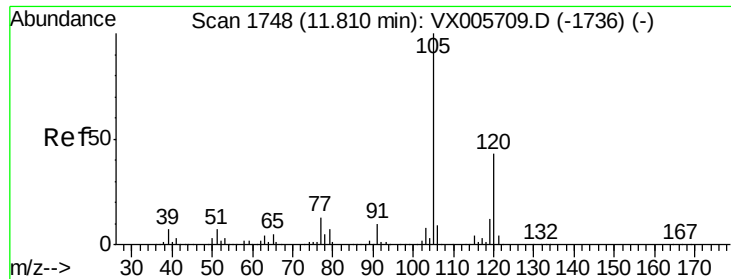
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005732.D
Acq: 01 Nov 2018 16:31

Tgt Ion:152 Resp: 80406
Ion Ratio Lower Upper
152 100
115 60.5 39.4 118.1
150 158.8 0.0 346.4



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





#84
 1,2,4-Trimethylbenzene
 Concen: 0.479 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005732.D
 Acq: 01 Nov 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 WS1

Tgt Ion:105 Resp: 2178
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.0

