

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004493.D
 Acq On : 12 Sep 2018 14:34
 Operator : JC/MD
 Sample : J4848-03 10X
 Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(12-16)

Quant Time: Sep 13 11:48:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

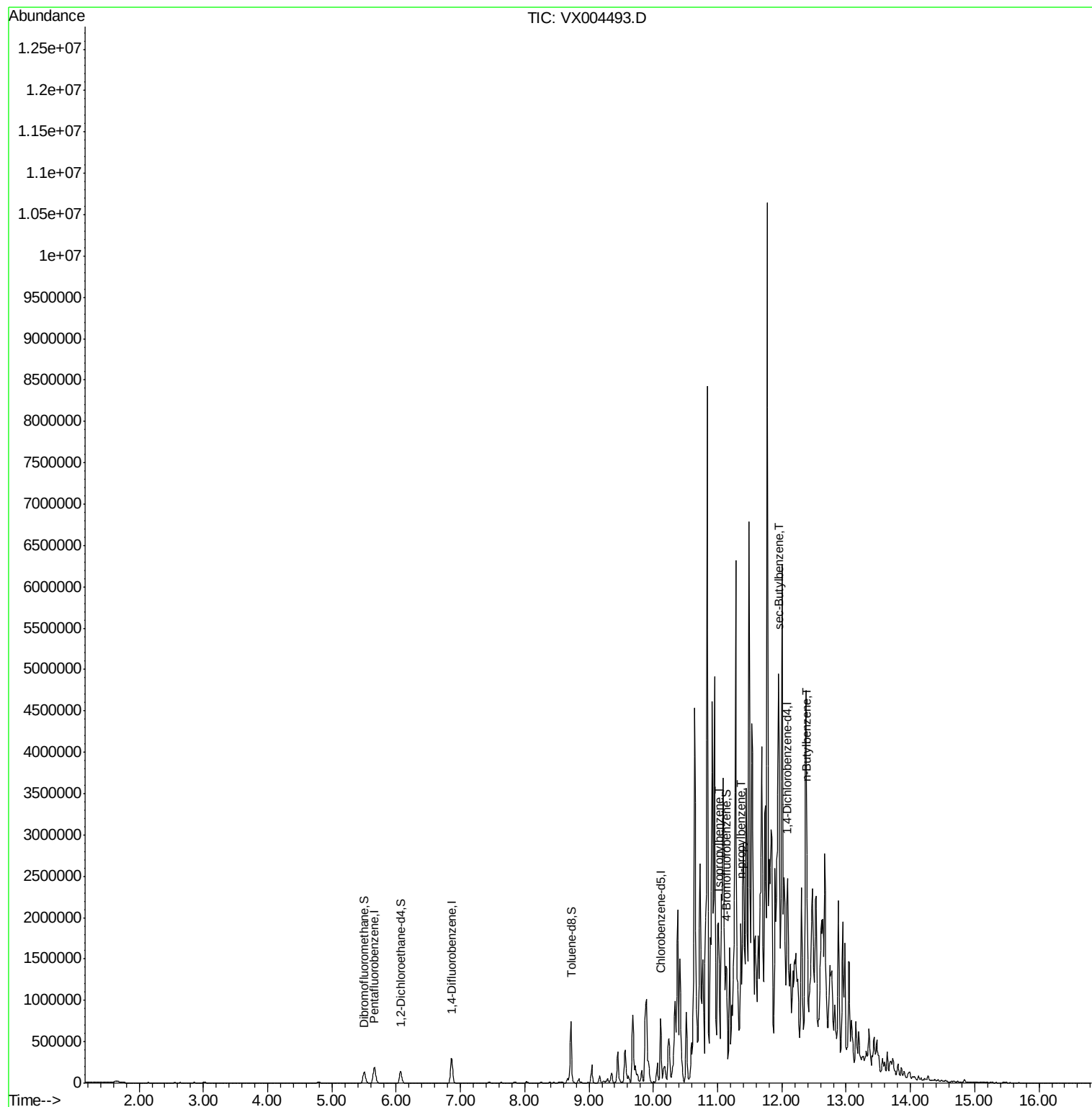
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	135929	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
35) Dibromofluoromethane	5.50	113	117494	41.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.82%	
50) Toluene-d8	8.72	98	463078	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.14	95	244435	71.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.94%	
Target Compounds						
73) Isopropylbenzene	11.02	105	334152	25.52	ug/l	99
78) n-propylbenzene	11.37	91	852568	56.62	ug/l	98
85) sec-Butylbenzene	11.95	105	658546	49.31	ug/l	94
89) n-Butylbenzene	12.39	91	370230	34.45	ug/l	85

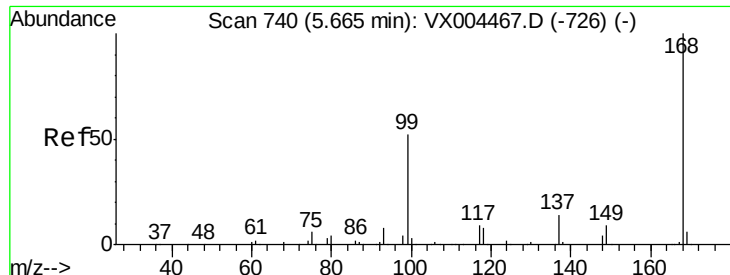
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091218\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004493.D

Acq: 12 Sep 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

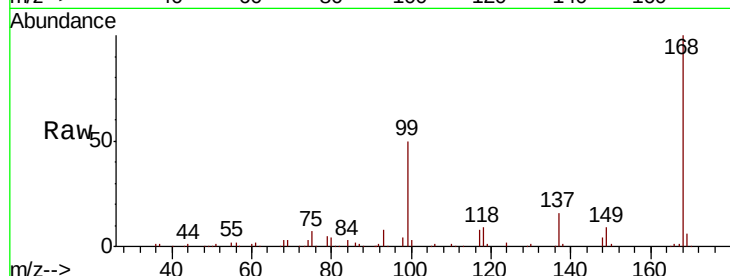
EP1-MW-A(12-16)

Tot Ion:168 Resp: 196384

Ion Ratio Lower Upper

168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

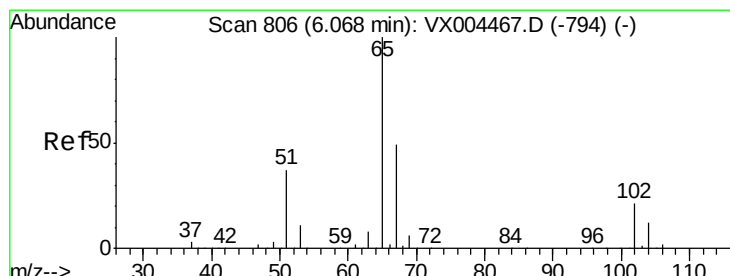
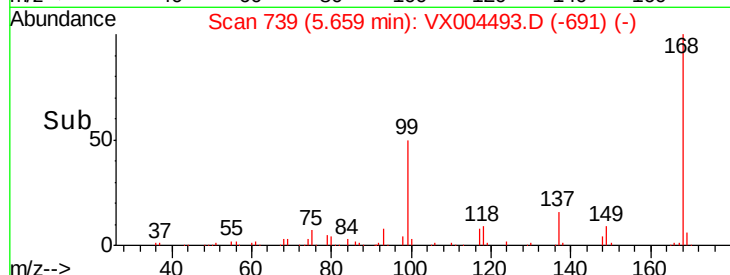
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.68 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004493.D

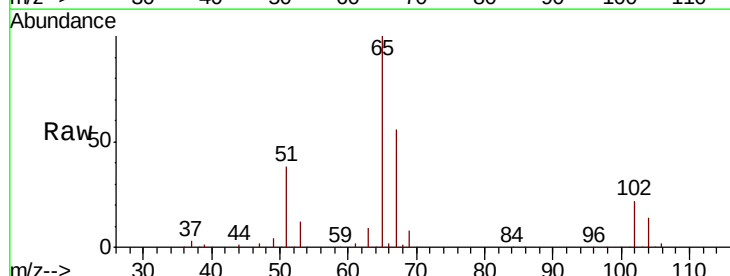
Acq: 12 Sep 2018 14:34

Tgt Ion: 65 Resp: 135929

Ion Ratio Lower Upper

65 100

67 54.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

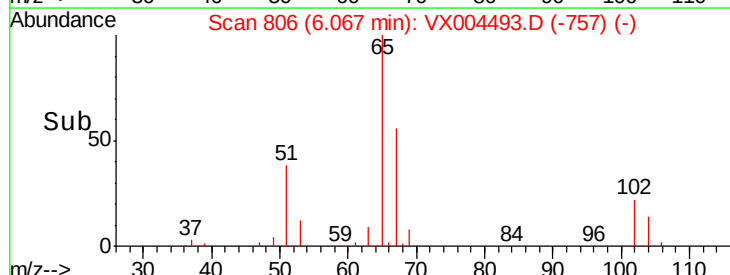
30000

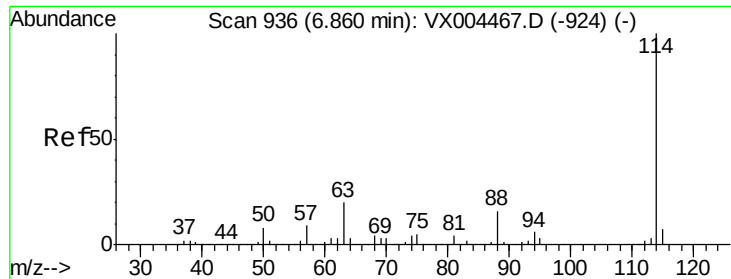
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

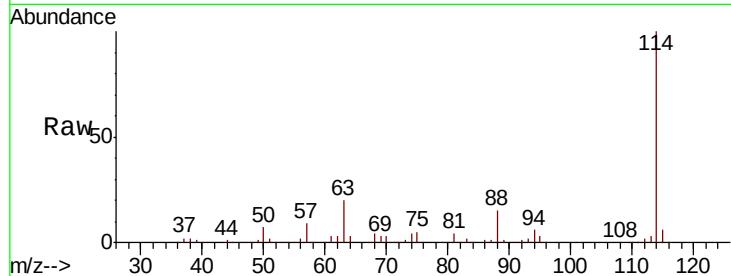




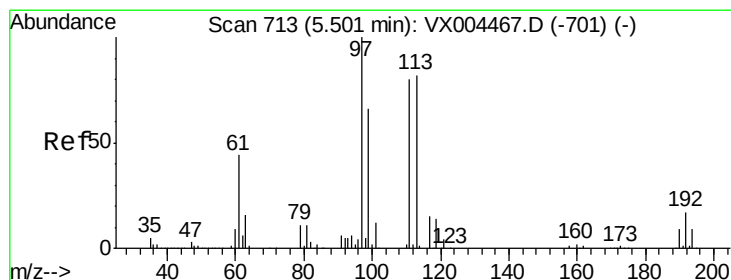
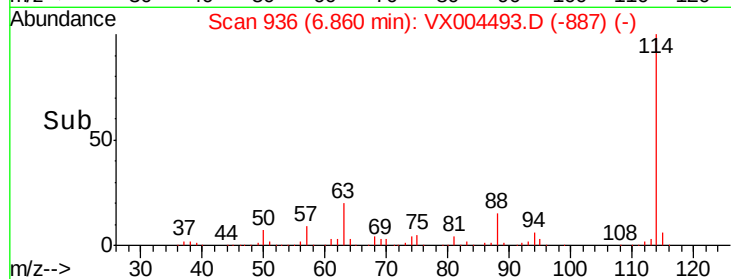
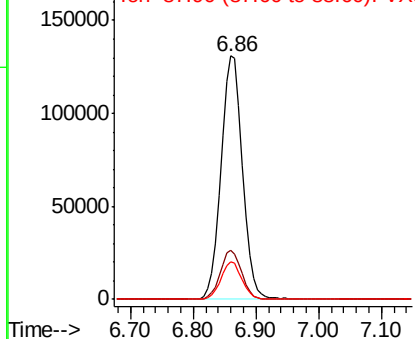
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004493.D
 Acq: 12 Sep 2018 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(12-16)

Tot Ion:114 Resp: 310035
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.3 0.0 30.4

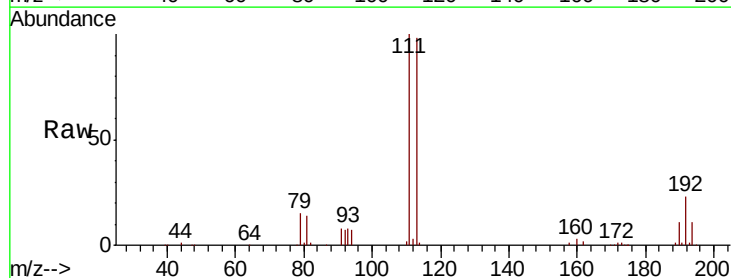


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

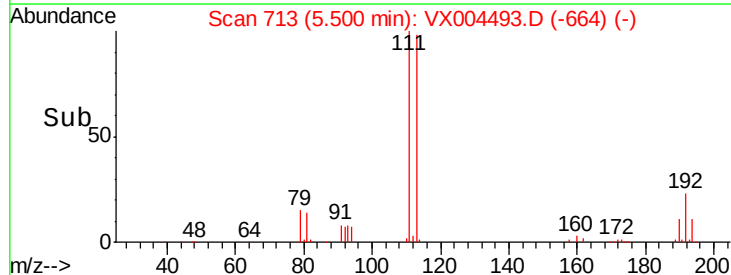
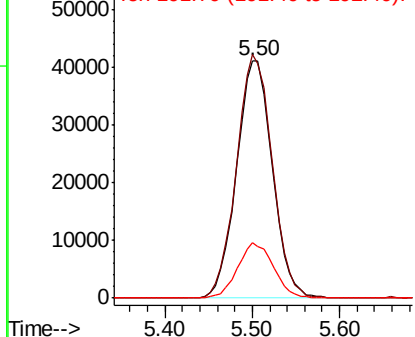


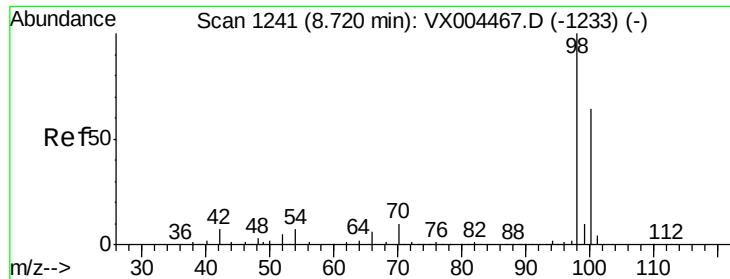
#35
 Dibromofluoromethane
 Concen: 41.41 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004493.D
 Acq: 12 Sep 2018 14:34

Tgt Ion:113 Resp: 117494
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 23.2 19.4 29.2



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

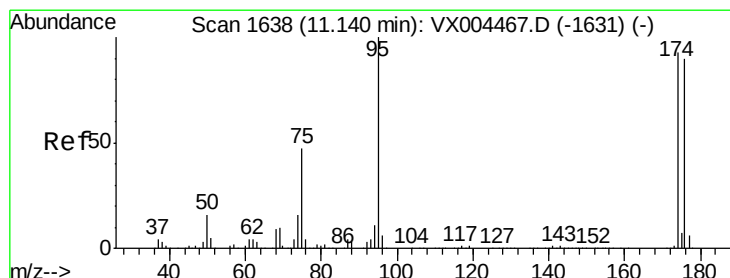
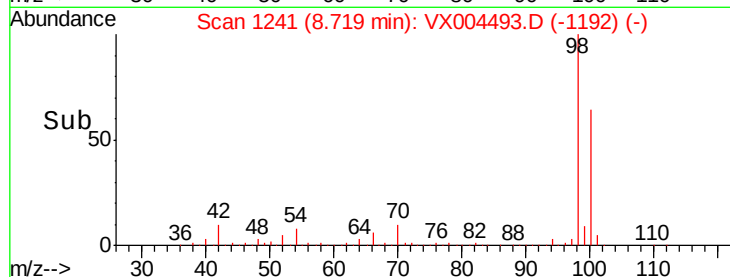
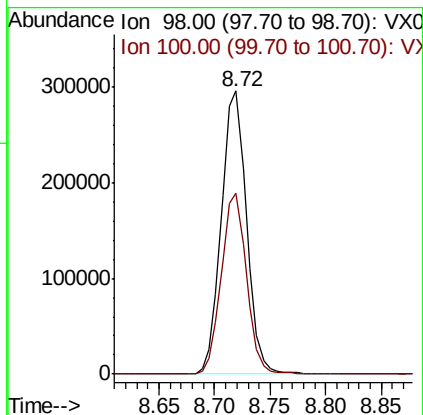
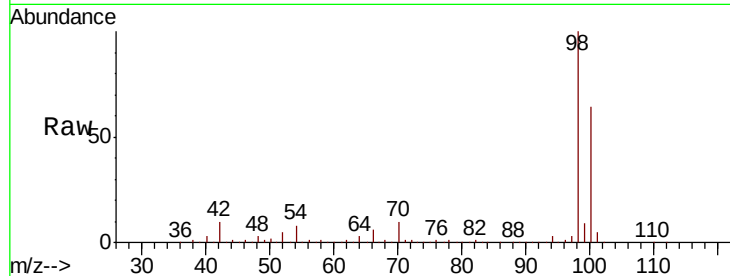




#50
Toluene-d8
Concen: 48.67 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004493.D
Acq: 12 Sep 2018 14:34

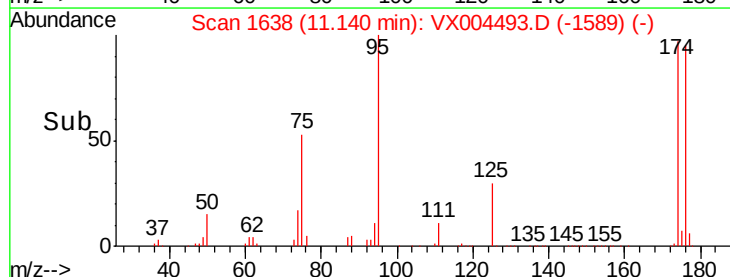
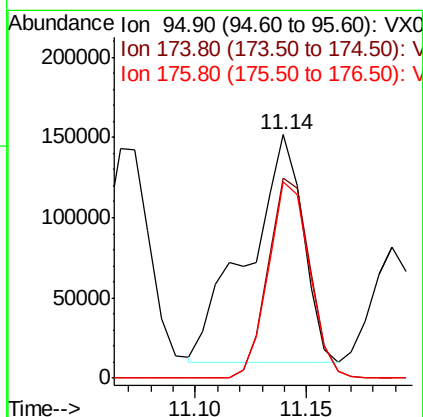
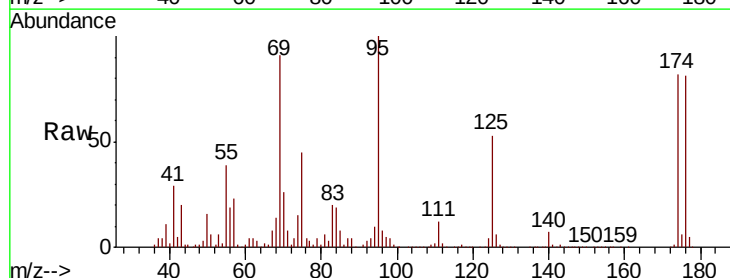
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(12-16)

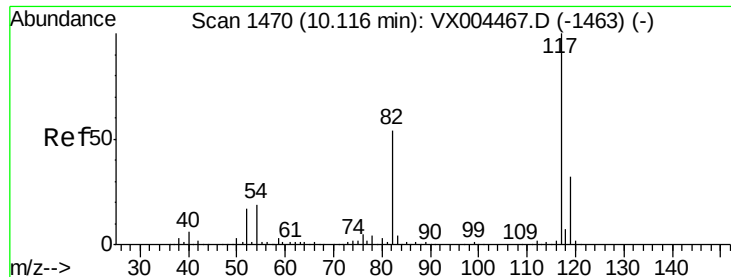
Tot Ion: 98 Resp: 463078
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 71.97 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004493.D
Acq: 12 Sep 2018 14:34

Tgt Ion: 95 Resp: 244435
Ion Ratio Lower Upper
95 100
174 66.9 0.0 185.2
176 64.8 0.0 178.6

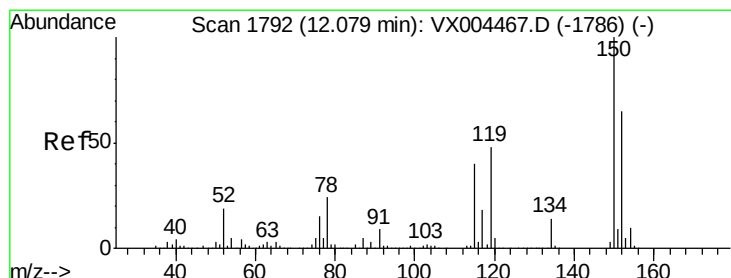
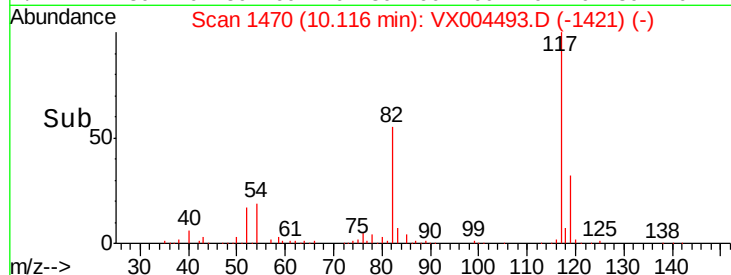
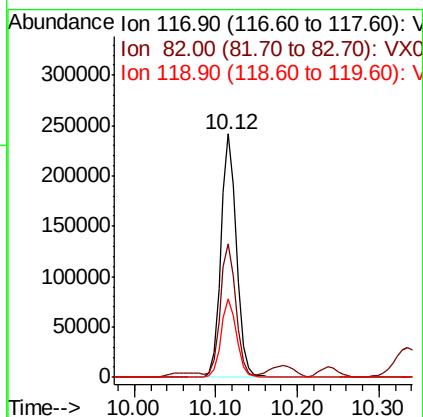
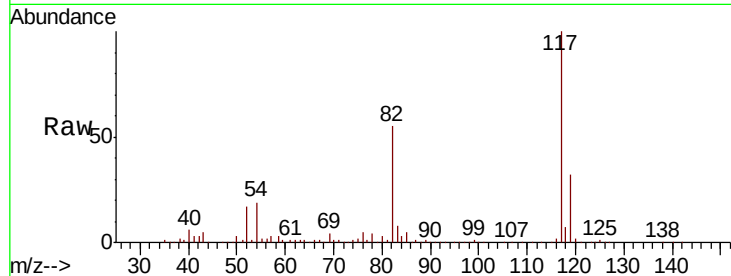




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004493.D
Acq: 12 Sep 2018 14:34

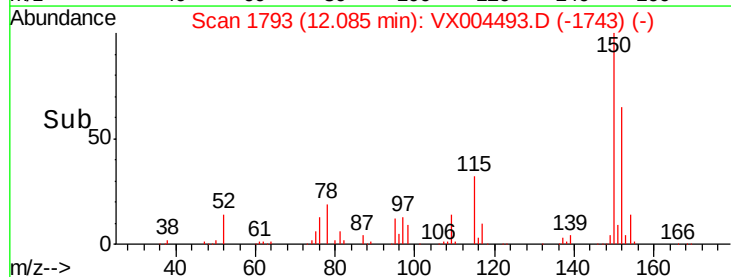
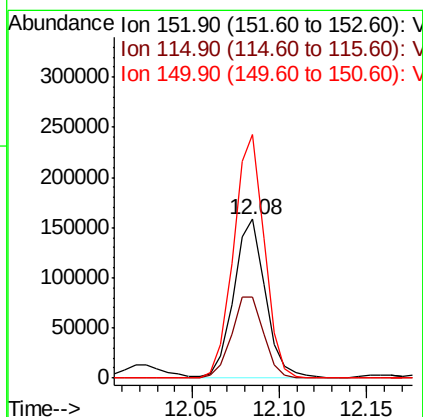
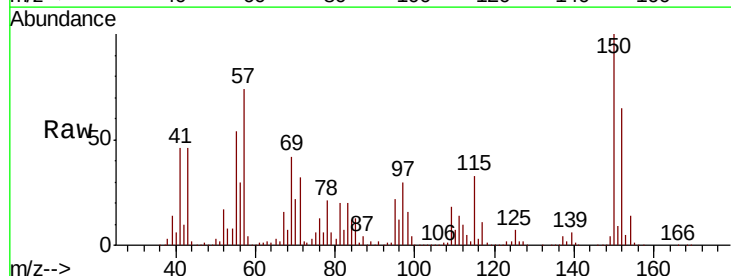
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(12-16)

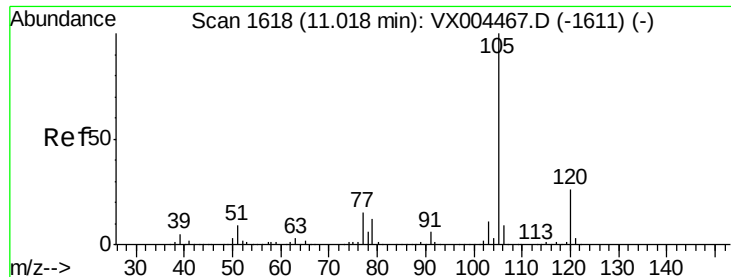
Tot Ion:117 Resp: 322243
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 32.2 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX004493.D
Acq: 12 Sep 2018 14:34

Tgt Ion:152 Resp: 198844
Ion Ratio Lower Upper
152 100
115 52.1 39.0 117.0
150 148.7 0.0 351.0





#73

Isopropylbenzene

Concen: 25.52 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX004493.D

Acq: 12 Sep 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

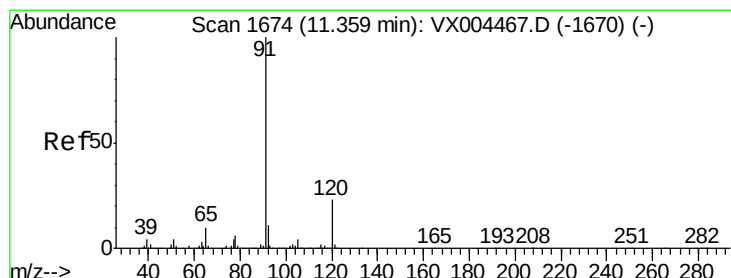
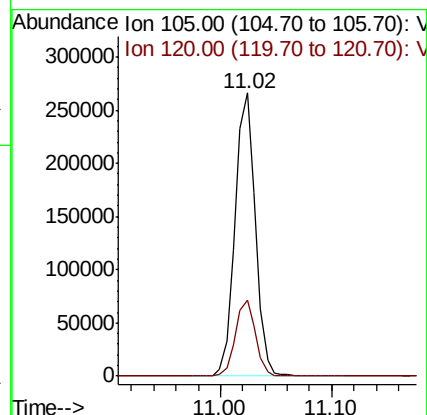
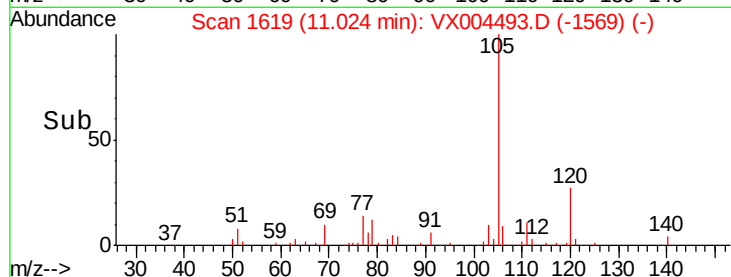
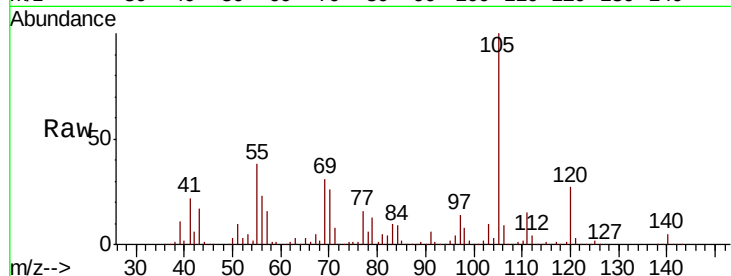
EP1-MW-A(12-16)

Tot Ion:105 Resp: 334152

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#78

n-propylbenzene

Concen: 56.62 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX004493.D

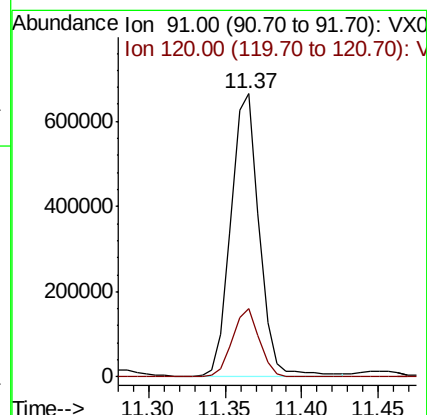
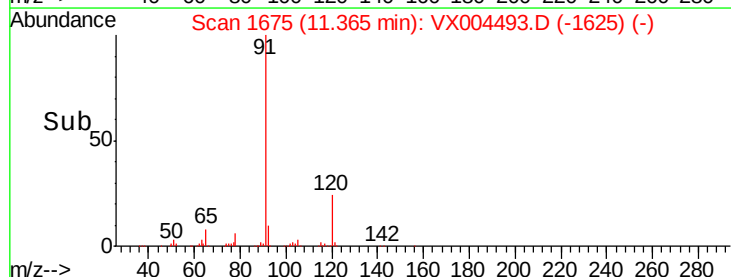
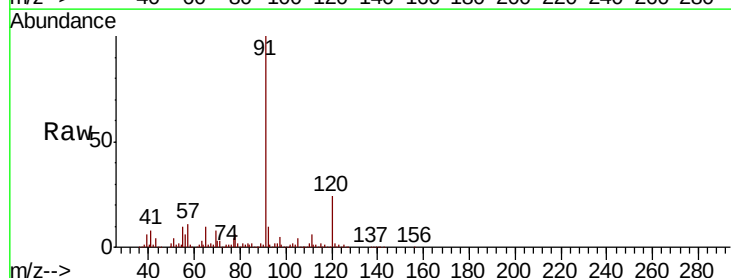
Acq: 12 Sep 2018 14:34

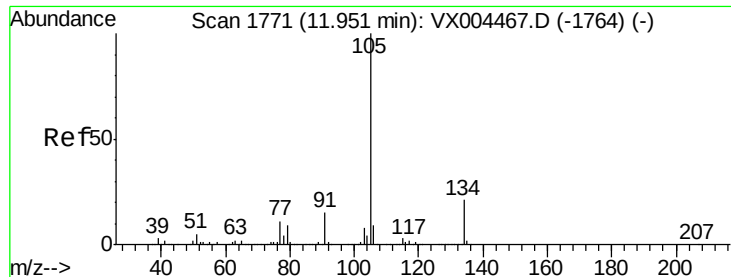
Tgt Ion: 91 Resp: 852568

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.9





#85

sec-Butylbenzene

Concen: 49.31 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004493.D

Acq: 12 Sep 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

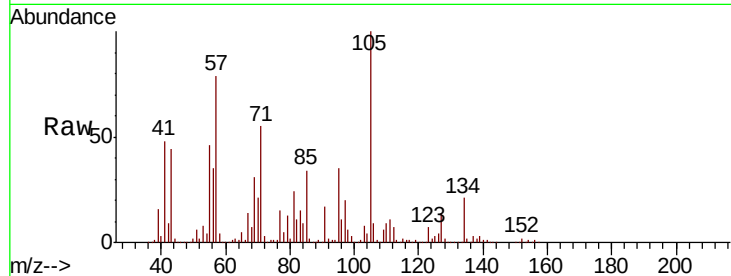
EP1-MW-A(12-16)

Tot Ion:105 Resp: 658546

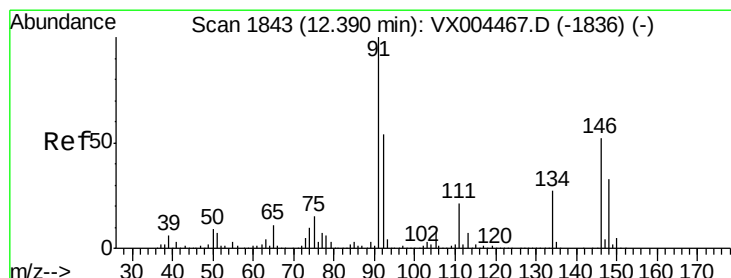
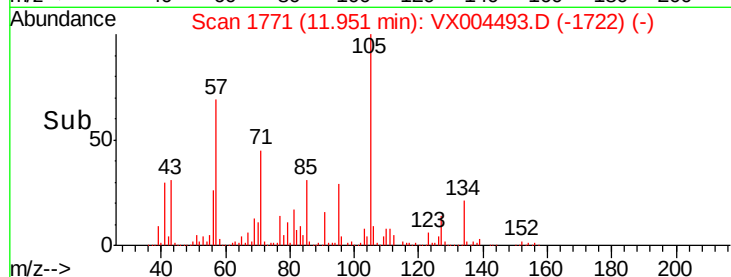
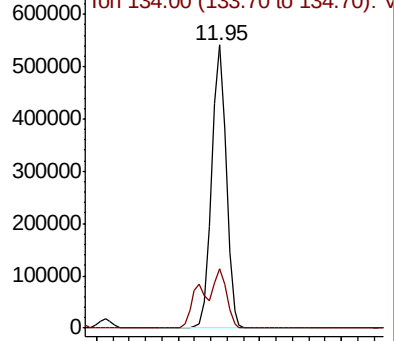
Ion Ratio Lower Upper

105 100

134 18.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V



#89

n-Butylbenzene

Concen: 34.45 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004493.D

Acq: 12 Sep 2018 14:34

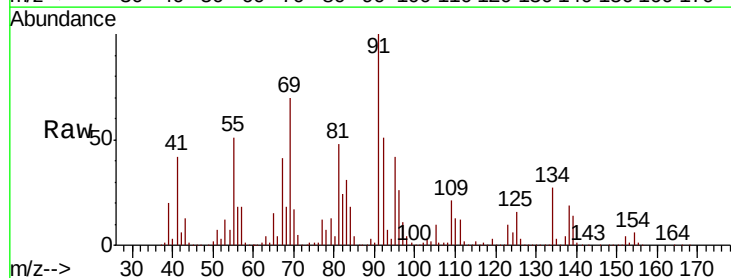
Tgt Ion: 91 Resp: 370230

Ion Ratio Lower Upper

91 100

92 45.3 27.3 81.9

134 36.9 13.6 40.7



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

