

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004503.D
 Acq On : 12 Sep 2018 19:03
 Operator : JC/MD
 Sample : J4848-05DL 100X
 Misc : 4.45uL/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(4-8)DL

Quant Time: Sep 13 11:56:39 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	5.67	168	209857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192934	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	142753	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
35) Dibromofluoromethane	5.51	113	124865	41.23	ug/l	0.00
Spiked Amount			Recovery	=	82.46%	
50) Toluene-d8	8.72	98	475189	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
62) 4-Bromofluorobenzene	11.14	95	190775	52.63	ug/l	0.00
Spiked Amount			Recovery	=	105.26%	

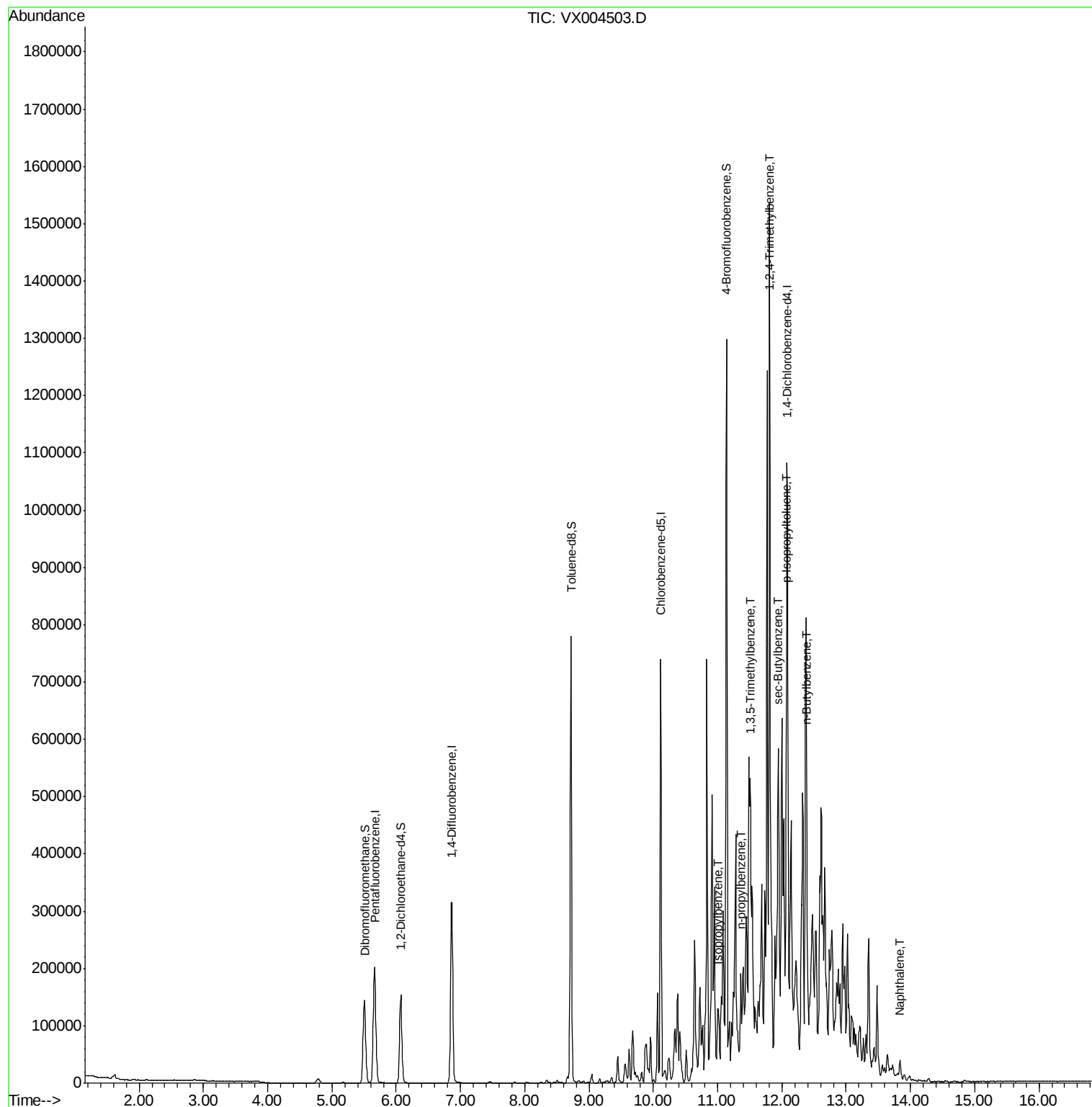
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
73) Isopropylbenzene	11.02	105	26028	2.05	ug/l	97
78) n-propylbenzene	11.36	91	85216	5.83	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	155270	14.54	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	567788	52.06	ug/l	100
85) sec-Butylbenzene	11.95	105	70919	5.47	ug/l #	77
86) p-Isopropyltoluene	12.07	119	55208	4.82	ug/l	98
89) n-Butylbenzene	12.39	91	107874	10.34	ug/l #	48
95) Naphthalene	13.83	128	21142	1.61	ug/l #	95

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

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Instrument :
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EP1-MW-B(4-8)DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004503.D

Acq: 12 Sep 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

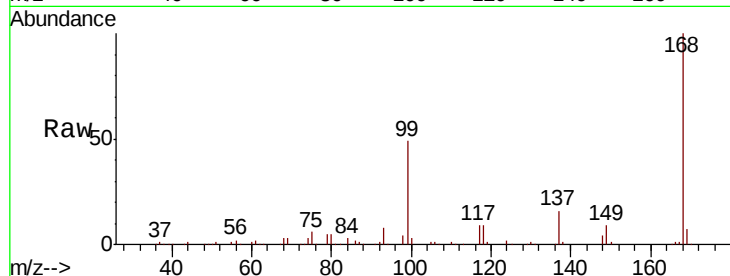
EP1-MW-B(4-8)DL

Tot Ion:168 Resp: 209857

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

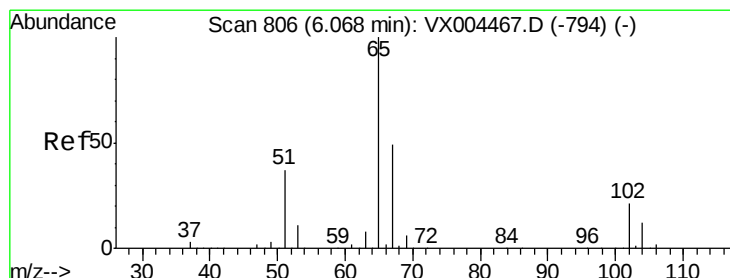
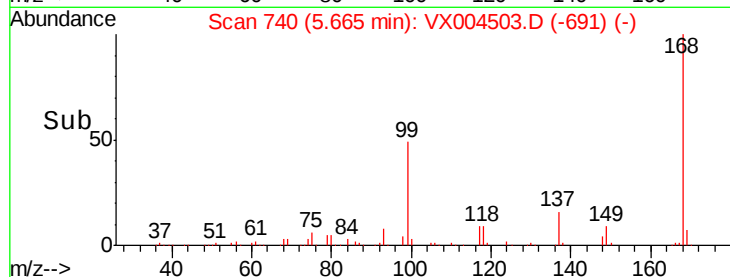
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.76 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004503.D

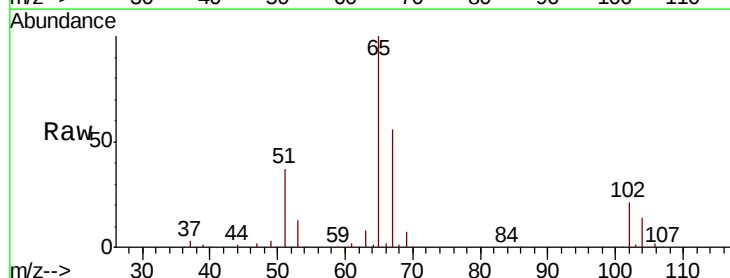
Acq: 12 Sep 2018 19:03

Tgt Ion: 65 Resp: 142753

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

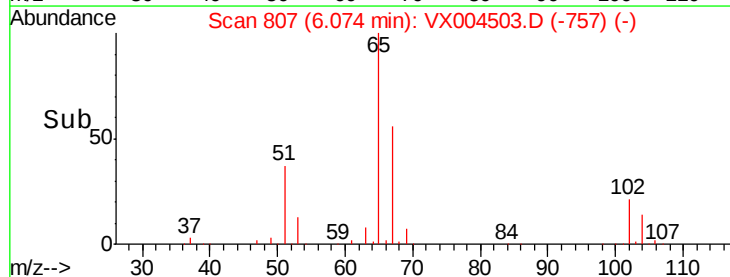
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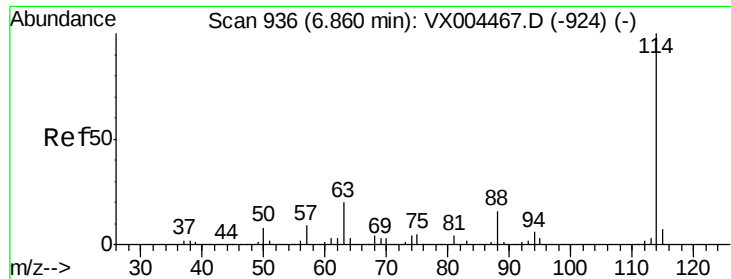
20000

10000

0

Time--> 6.00 6.10 6.20

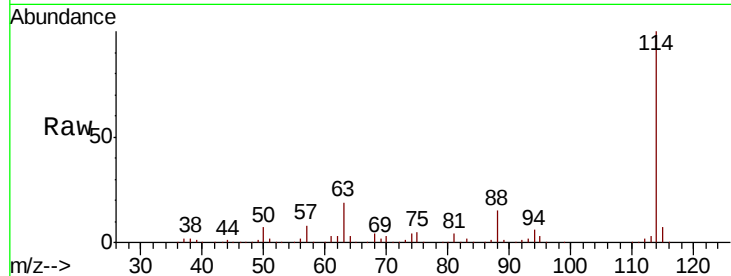




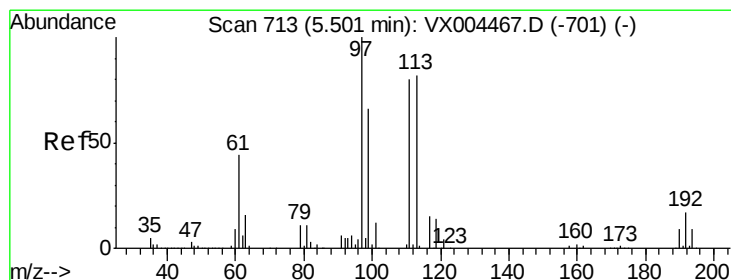
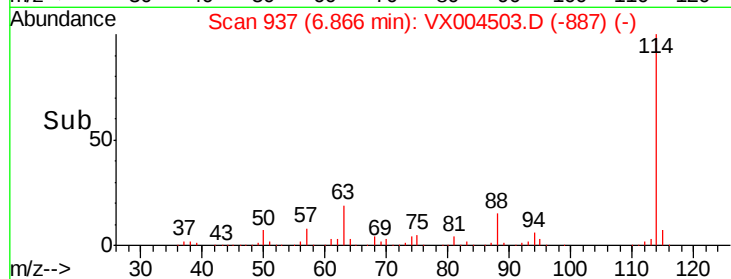
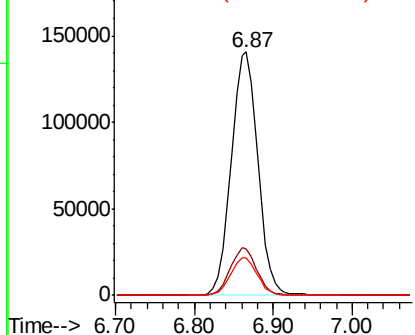
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004503.D
 Acq: 12 Sep 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(4-8)DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	15.4	0.0	30.4

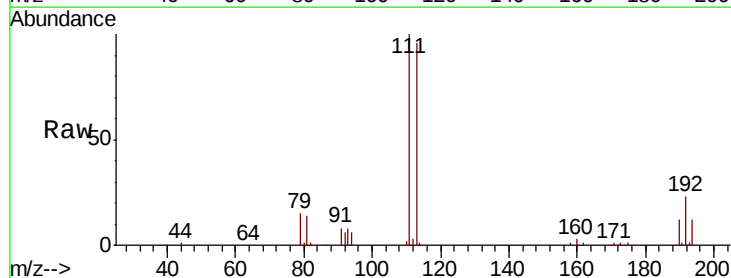


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

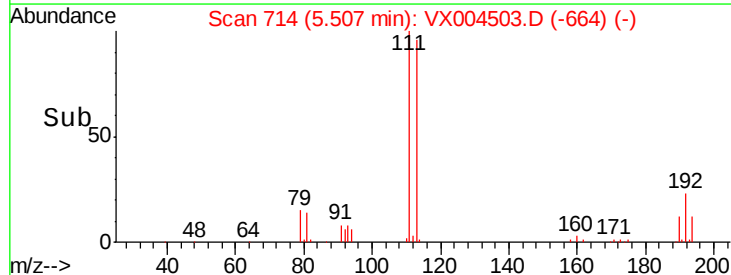
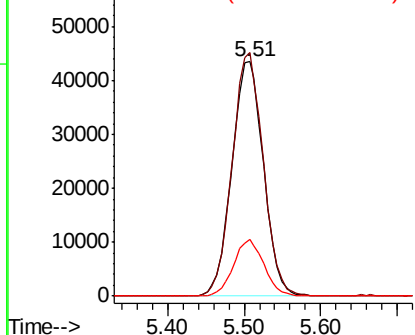


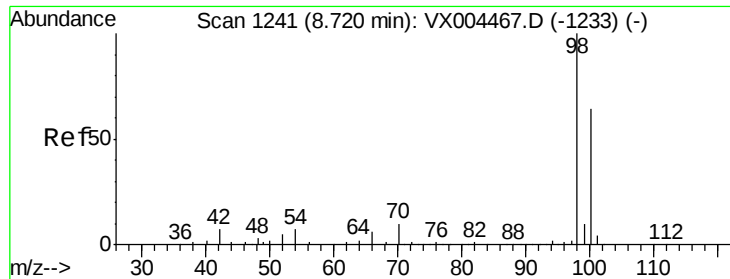
#35
 Dibromofluoromethane
 Concen: 41.23 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004503.D
 Acq: 12 Sep 2018 19:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	23.1	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

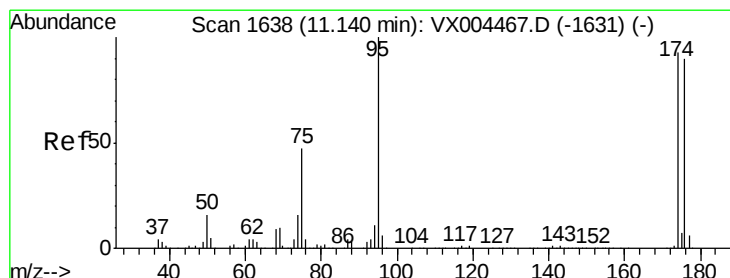
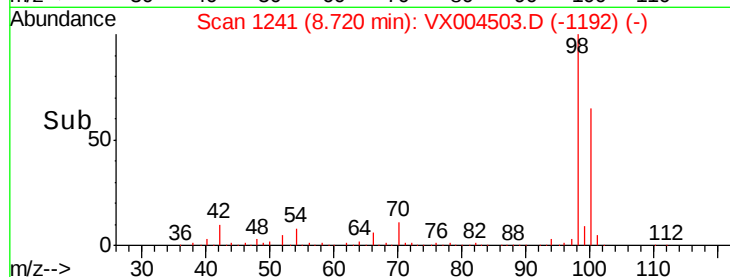
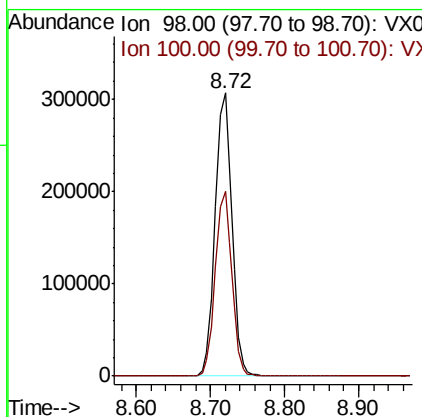
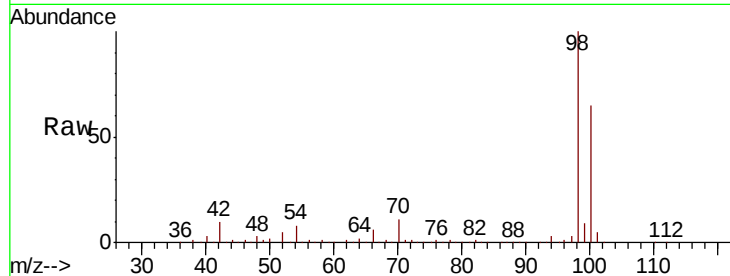




#50
Toluene-d8
Concen: 46.79 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004503.D
Acq: 12 Sep 2018 19:03

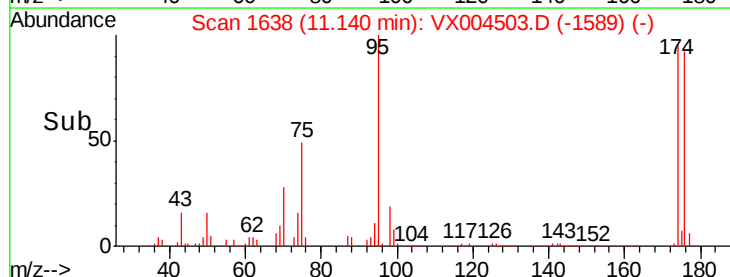
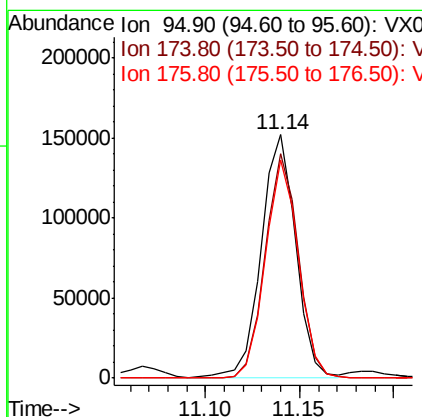
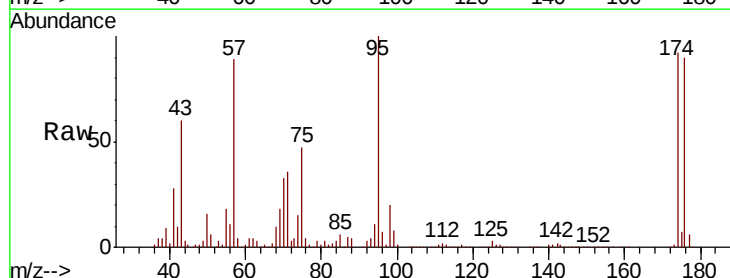
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(4-8)DL

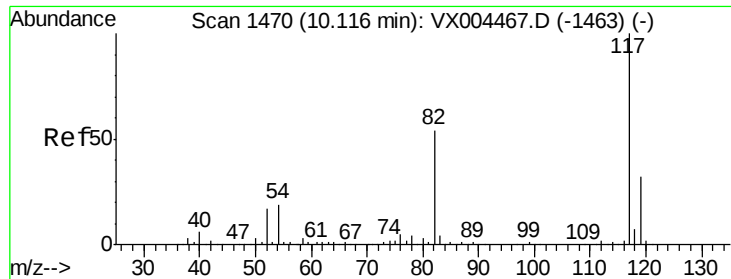
Tot Ion: 98 Resp: 475189
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.63 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004503.D
Acq: 12 Sep 2018 19:03

Tgt Ion: 95 Resp: 190775
Ion Ratio Lower Upper
95 100
174 89.6 0.0 185.2
176 86.9 0.0 178.6

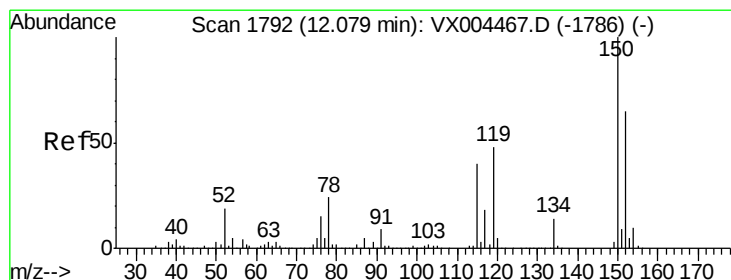
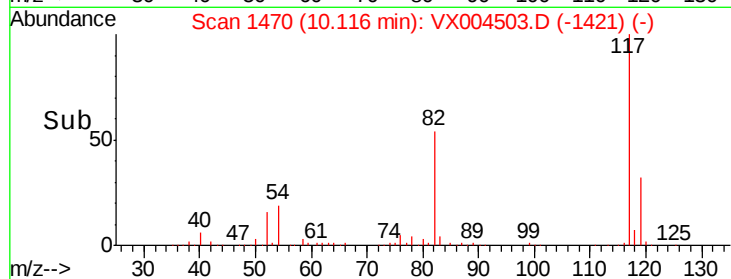
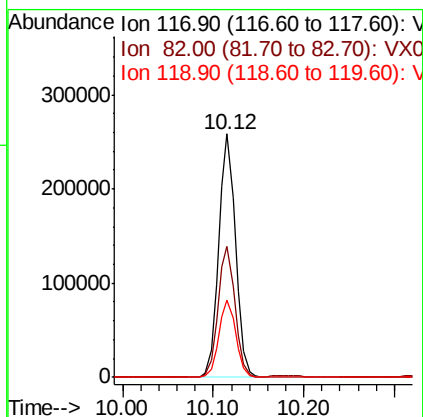
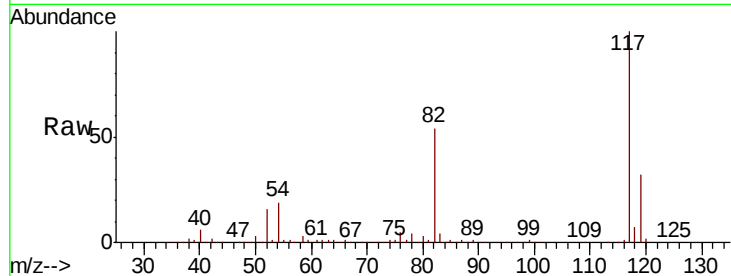




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004503.D
Acq: 12 Sep 2018 19:03

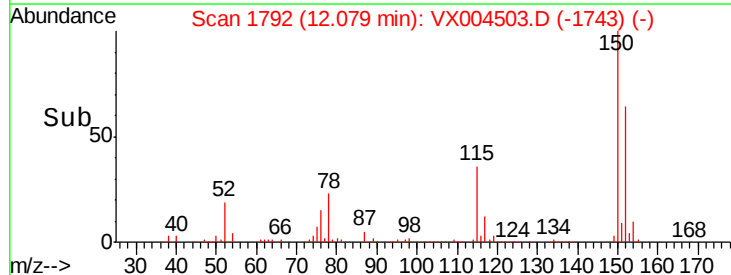
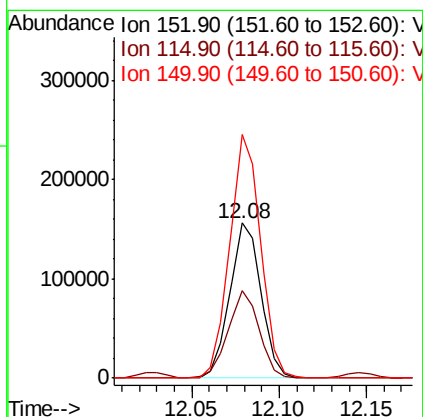
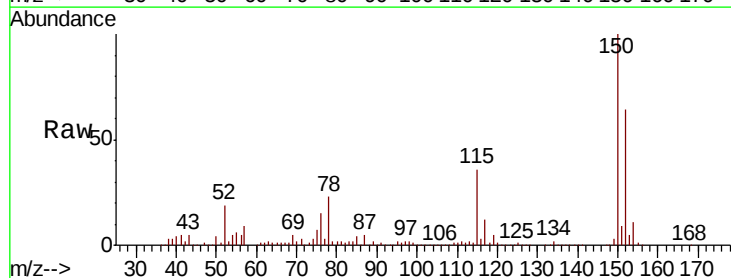
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(4-8)DL

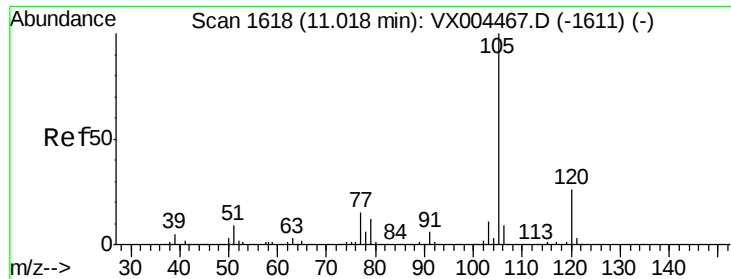
Tot Ion:117 Resp: 335514
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 32.0 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004503.D
Acq: 12 Sep 2018 19:03

Tgt Ion:152 Resp: 192934
Ion Ratio Lower Upper
152 100
115 56.7 39.0 117.0
150 156.4 0.0 351.0





#73

Isopropylbenzene

Concen: 2.05 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004503.D

Acq: 12 Sep 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

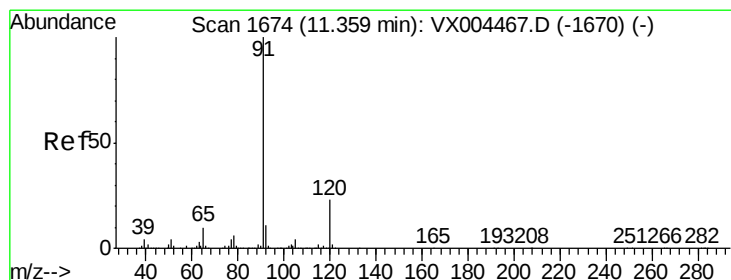
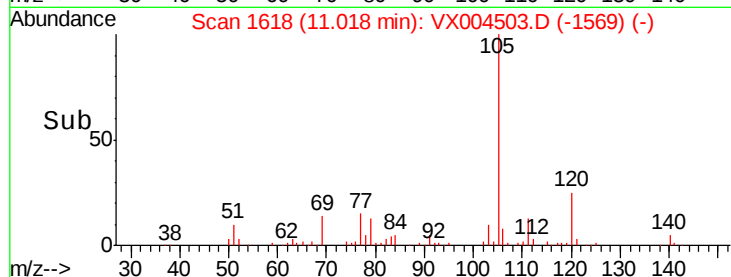
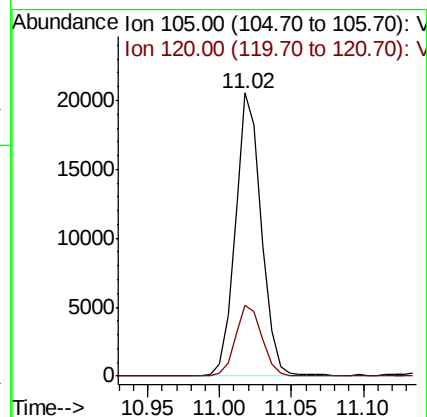
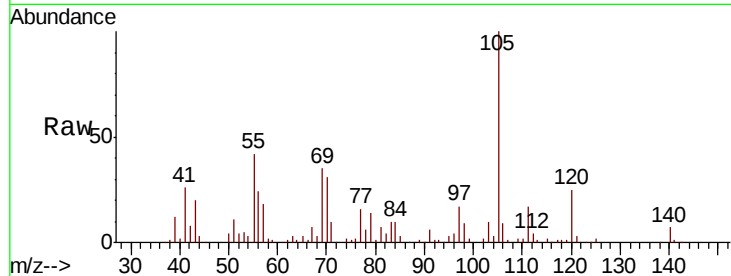
EP1-MW-B(4-8)DL

Tot Ion:105 Resp: 26028

Ion Ratio Lower Upper

105 100

120 25.5 13.5 40.4



#78

n-propylbenzene

Concen: 5.83 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004503.D

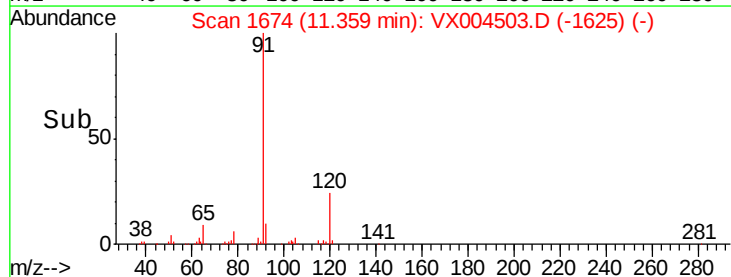
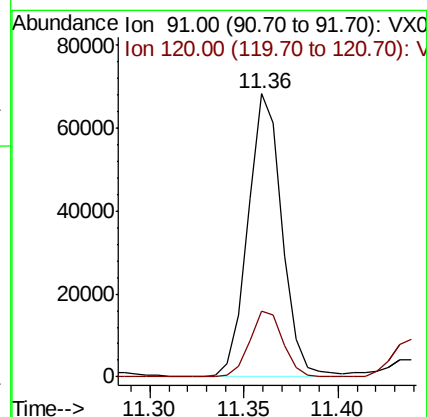
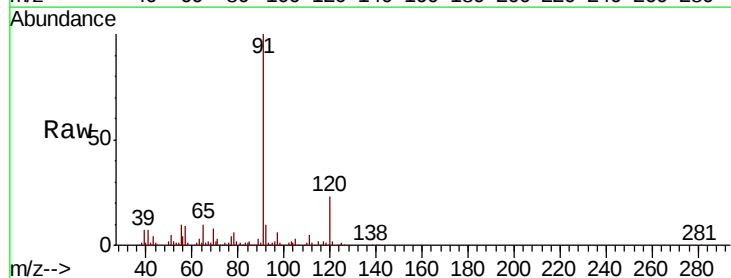
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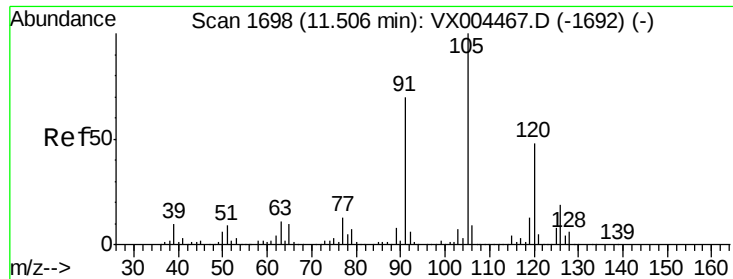
Tgt Ion: 91 Resp: 85216

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.9

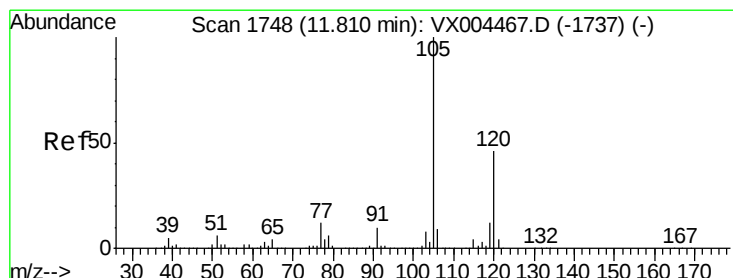
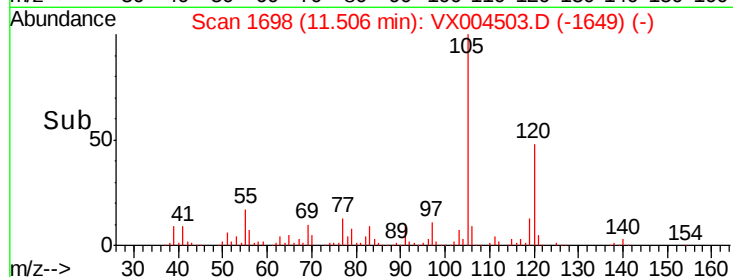
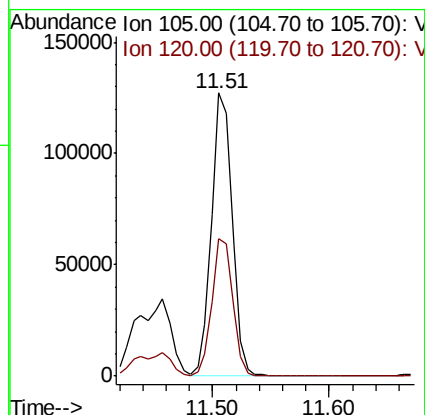
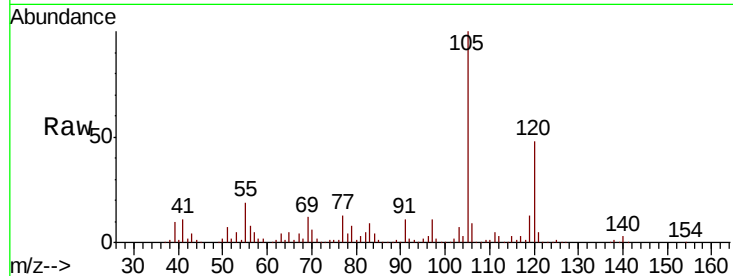




#80
 1,3,5-Trimethylbenzene
 Concen: 14.54 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004503.D
 Acq: 12 Sep 2018 19:03

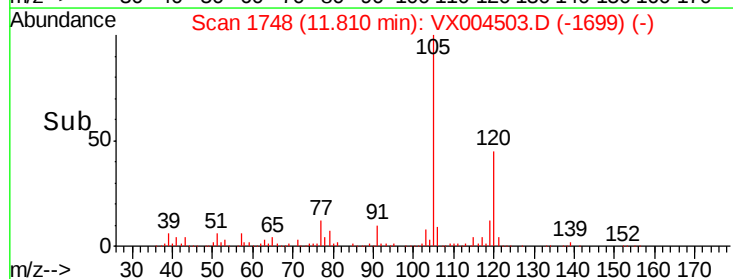
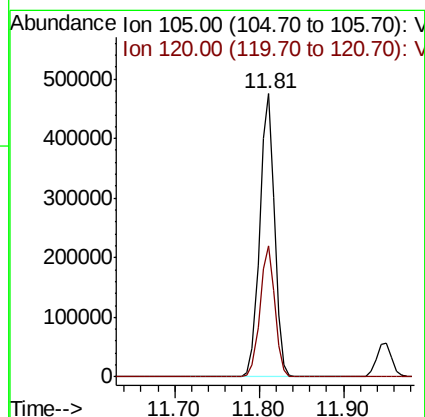
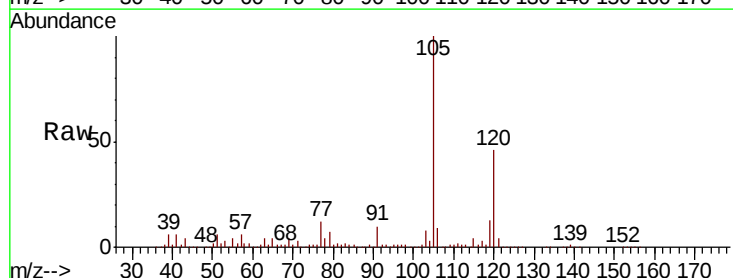
Instrument :
 MSVOA_X
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 EP1-MW-B(4-8)DL

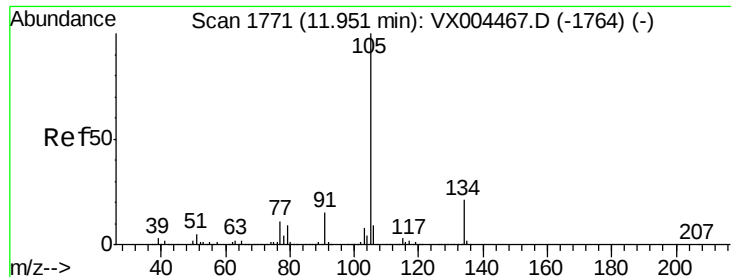
Tot Ion:105 Resp: 155270
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.06 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004503.D
 Acq: 12 Sep 2018 19:03

Tgt Ion:105 Resp: 567788
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.6

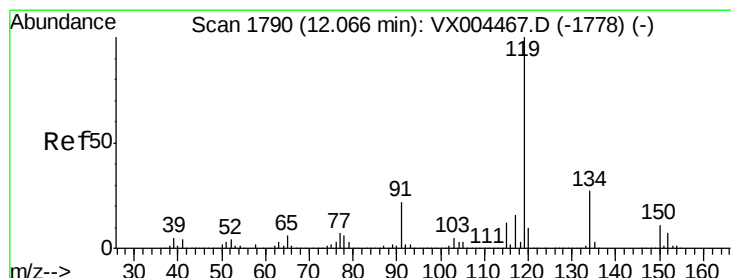
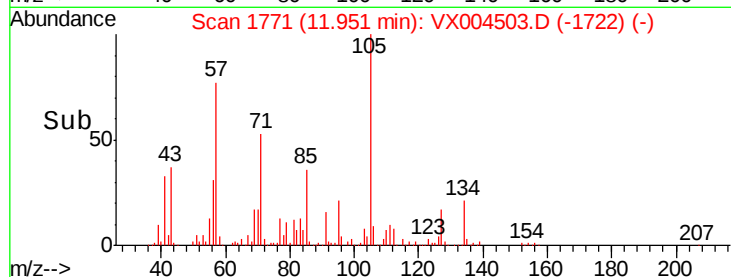
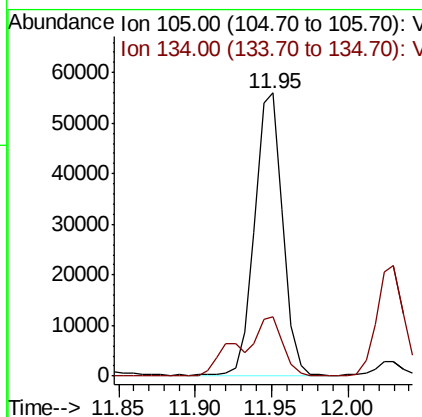
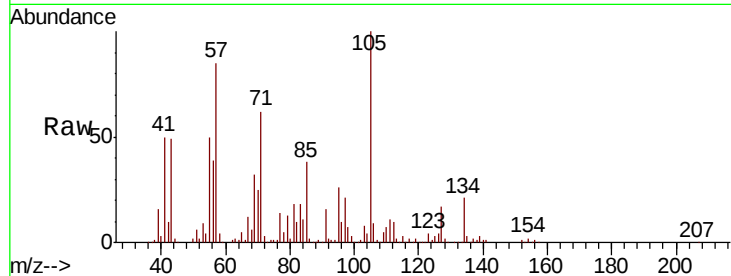




#85
 sec-Butylbenzene
 Concen: 5.47 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: VX004503.D
 Acq: 12 Sep 2018 19:03

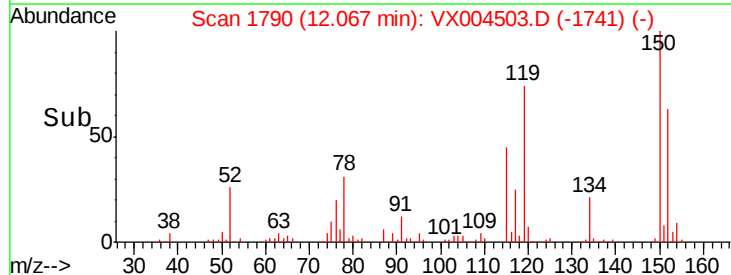
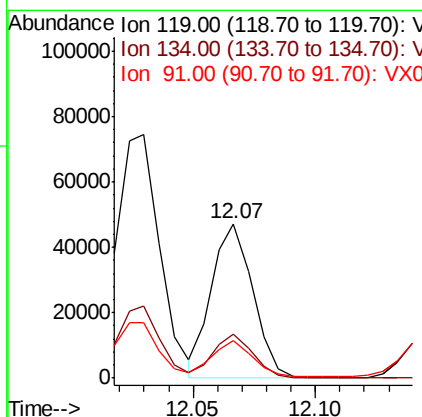
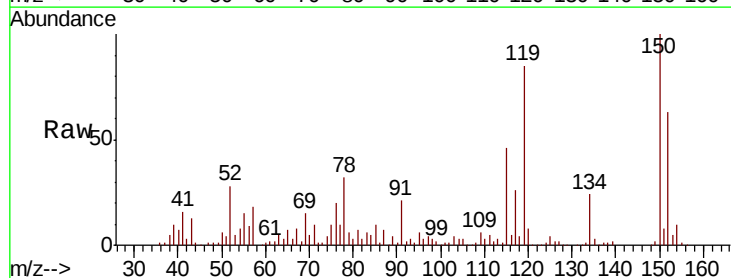
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(4-8)DL

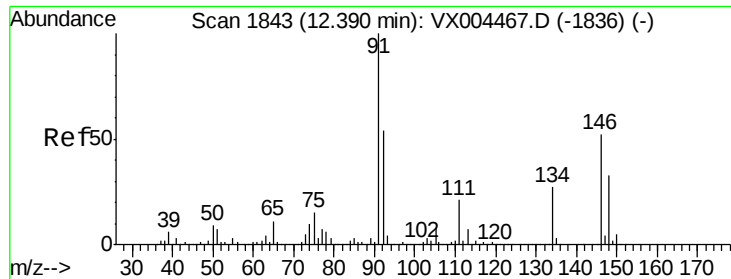
Tot Ion:105 Resp: 70919
 Ion Ratio Lower Upper
 105 100
 134 31.8 10.5 31.5#



#86
 p-Isopropyltoluene
 Concen: 4.82 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004503.D
 Acq: 12 Sep 2018 19:03

Tgt Ion:119 Resp: 55208
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.4 40.2
 91 22.9 10.9 32.7

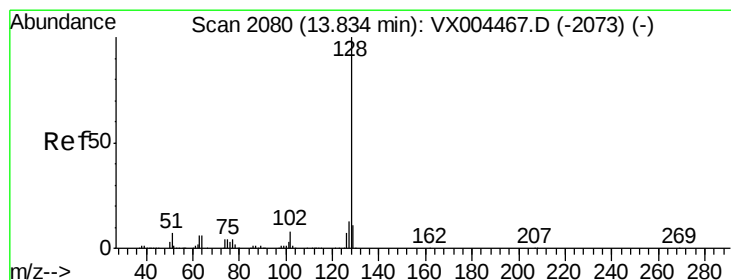
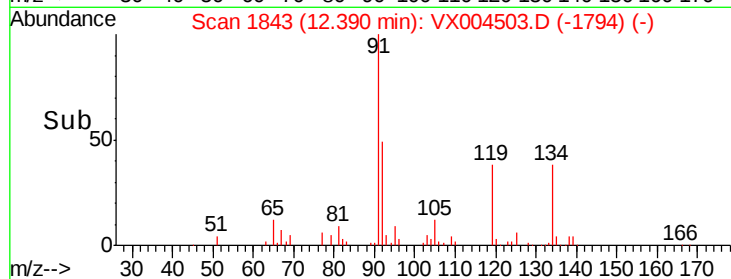
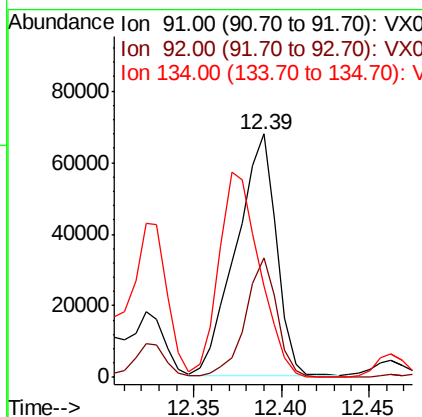
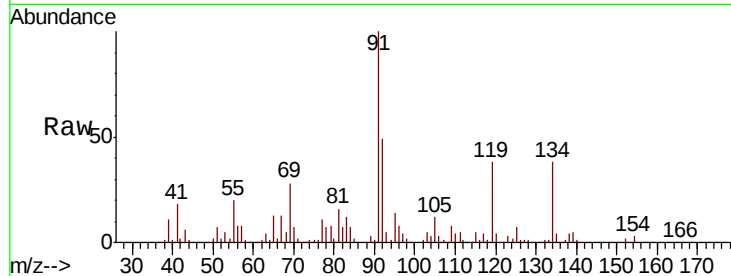




#89
n-Butylbenzene
Concen: 10.34 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004503.D
Acq: 12 Sep 2018 19:03

Instrument :
MSVOA_X
ClientSampled :
EP1-MW-B(4-8)DL

Tot Ion: 91 Resp: 107874
Ion Ratio Lower Upper
91 100
92 39.1 27.3 81.9
134 86.4 13.6 40.7#



#95
Naphthalene
Concen: 1.61 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004503.D
Acq: 12 Sep 2018 19:03

Tgt Ion:128 Resp: 21142
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 13.9 8.6 12.8#

