

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004903.D
 Acq On : 02 Oct 2018 06:38
 Operator : JC/MD
 Sample : J5155-04 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW9-GW

Quant Time: Oct 02 08:35:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225351	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	175055	54.04	ug/l	0.00
Spiked Amount			Recovery	=	108.08%	
35) Dibromofluoromethane	5.50	113	148185	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	
50) Toluene-d8	8.72	98	546029	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.14	95	210970	54.78	ug/l	0.00
Spiked Amount			Recovery	=	109.56%	

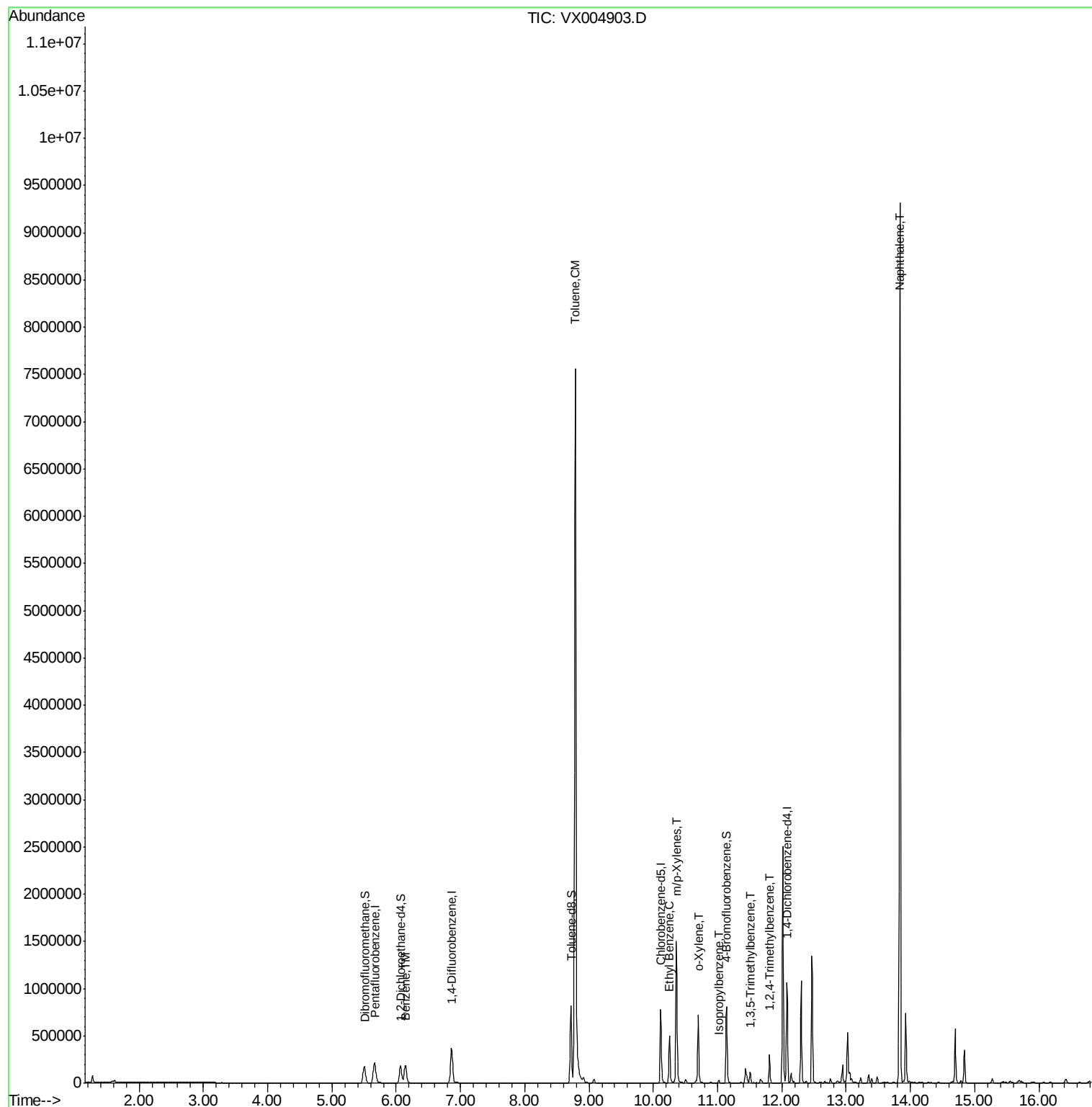
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	6.14	78	229281	16.694	ug/l	98
52) Toluene	8.79	92	2968893	393.388	ug/l	99
67) Ethyl Benzene	10.25	91	317428	20.919	ug/l	96
68) m/p-Xylenes	10.36	106	358516	60.462	ug/l	94
69) o-Xylene	10.70	106	158071	29.024	ug/l	95
73) Isopropylbenzene	11.02	105	16324	1.149	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	49202	3.596	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	135769	9.954	ug/l	98
95) Naphthalene	13.83	128	5503984	290.123	ug/l	98

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 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: VX004903.D

Acq: 02 Oct 2018 06:38

Instrument :

MSVOA_X

ClientSampleId :

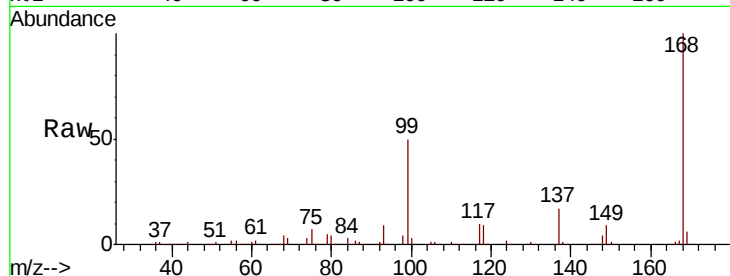
QNWP8-MW9-GW

Tot Ion:168 Resp: 226774

Ion Ratio Lower Upper

168 100

99 50.4 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

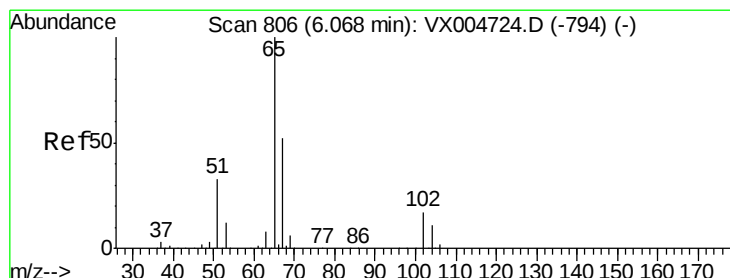
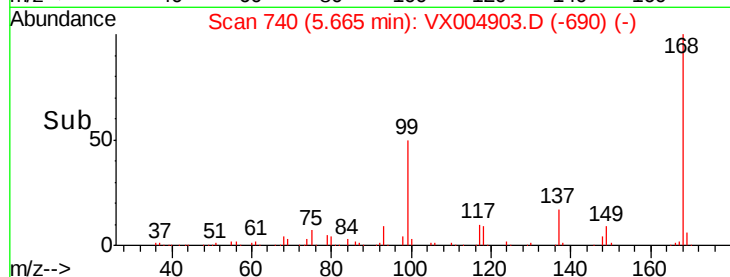
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.038 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004903.D

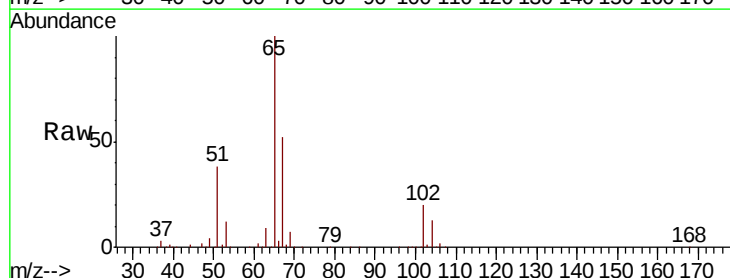
Acq: 02 Oct 2018 06:38

Tgt Ion: 65 Resp: 175055

Ion Ratio Lower Upper

65 100

67 53.5 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

80000

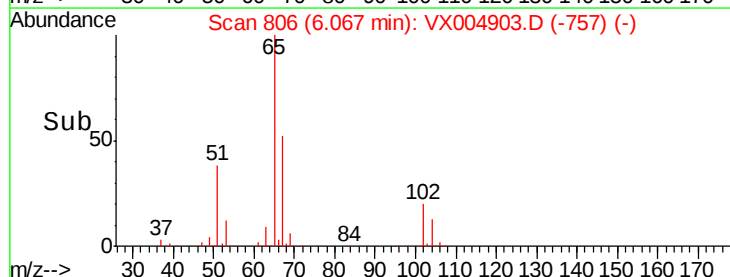
60000

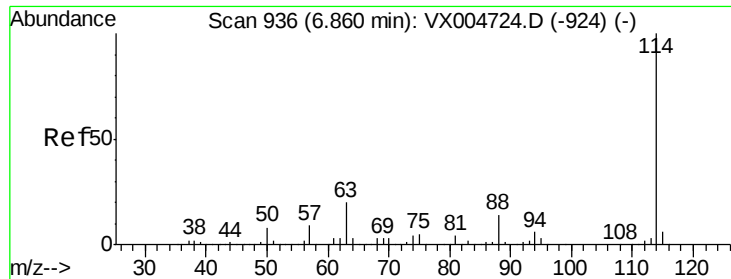
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

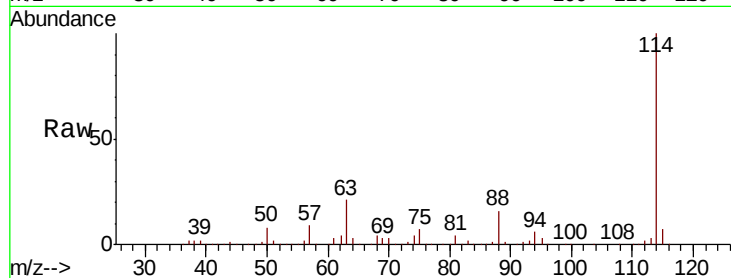




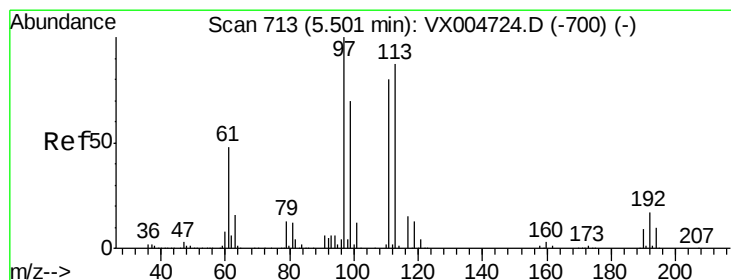
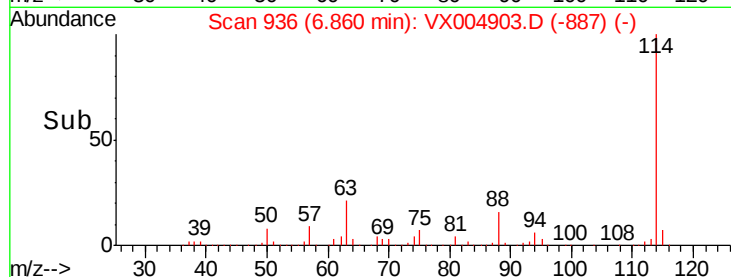
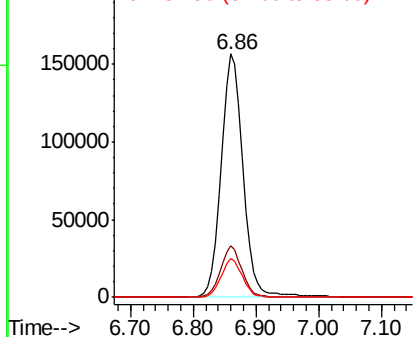
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004903.D
 Acq: 02 Oct 2018 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW9-GW

Tot Ion:114 Resp: 379402
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.0
 88 15.9 0.0 30.4

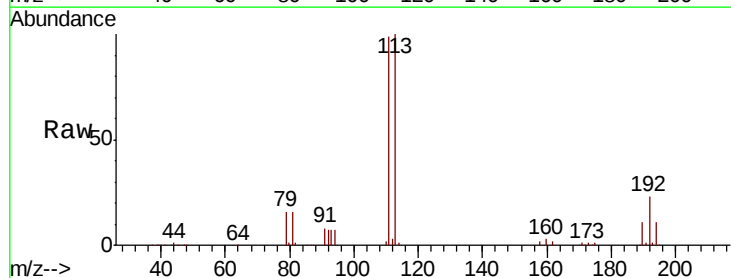


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

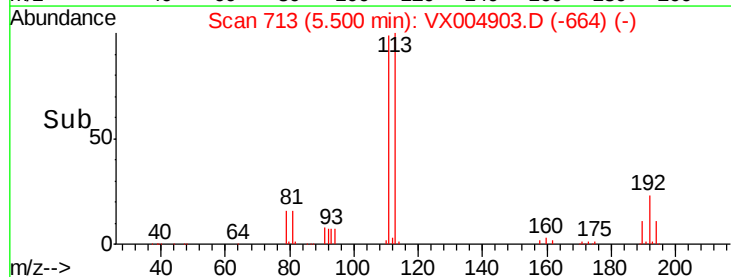
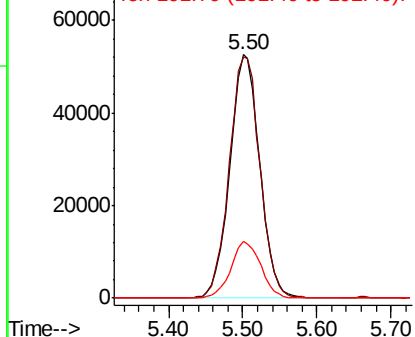


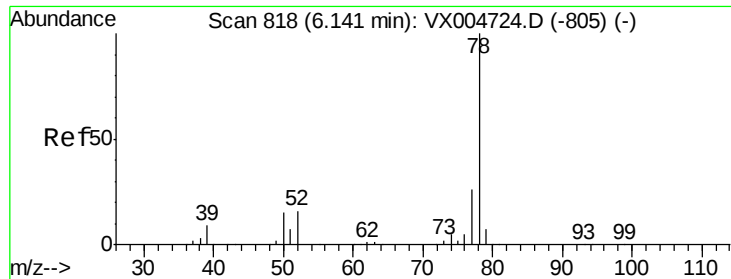
#35
 Dibromofluoromethane
 Concen: 46.085 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004903.D
 Acq: 02 Oct 2018 06:38

Tgt Ion:113 Resp: 148185
 Ion Ratio Lower Upper
 113 100
 111 101.3 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

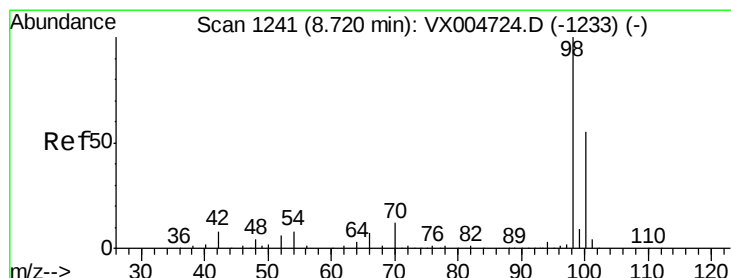
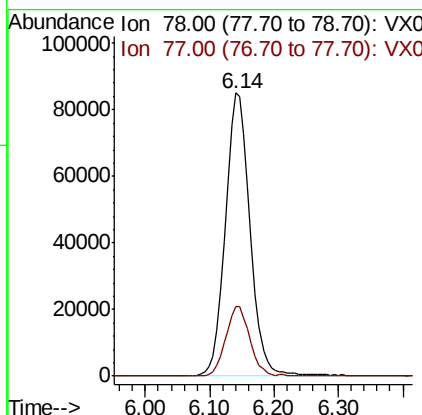
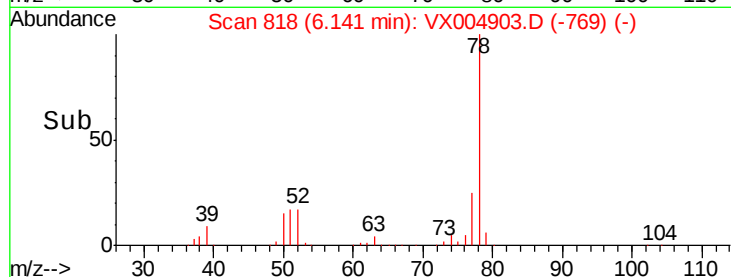
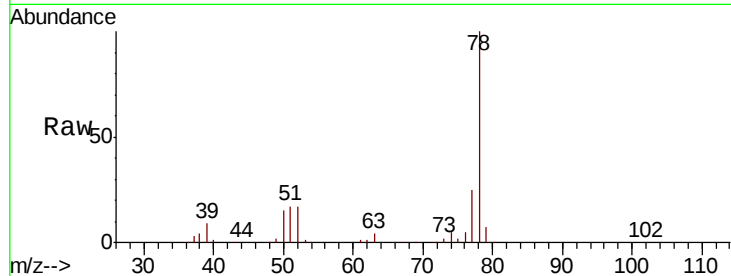




#40
Benzene
Concen: 16.694 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004903.D
Acq: 02 Oct 2018 06:38

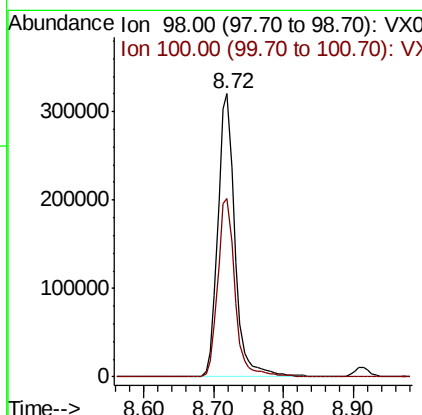
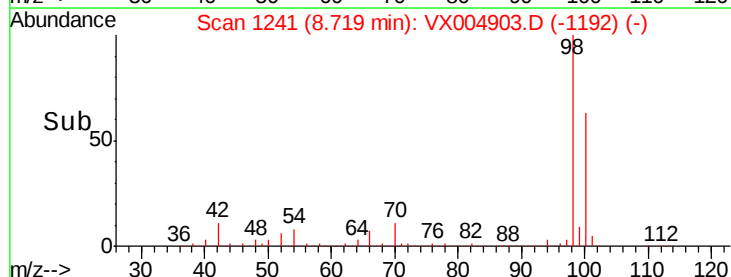
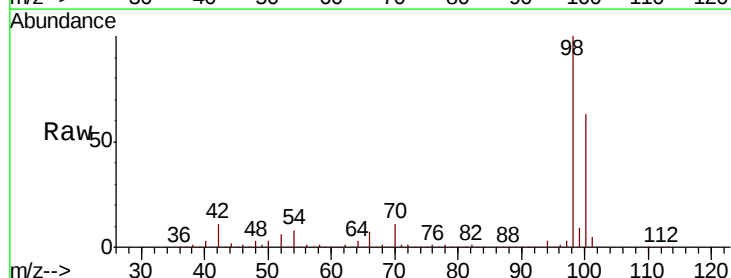
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW9-GW

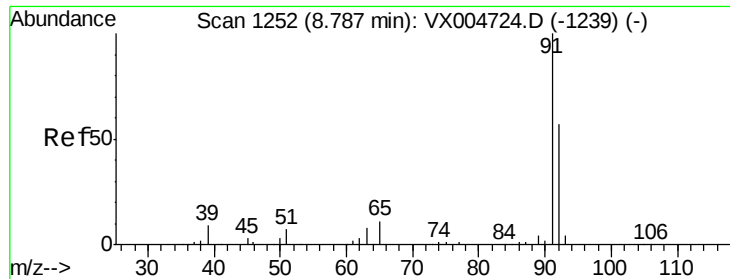
Tot Ion: 78 Resp: 229281
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4



#50
Toluene-d8
Concen: 51.079 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004903.D
Acq: 02 Oct 2018 06:38

Tgt Ion: 98 Resp: 546029
Ion Ratio Lower Upper
98 100
100 63.7 52.9 79.3





#52

Toluene

Concen: 393.388 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004903.D

Acq: 02 Oct 2018 06:38

Instrument :

MSVOA_X

ClientSampleId :

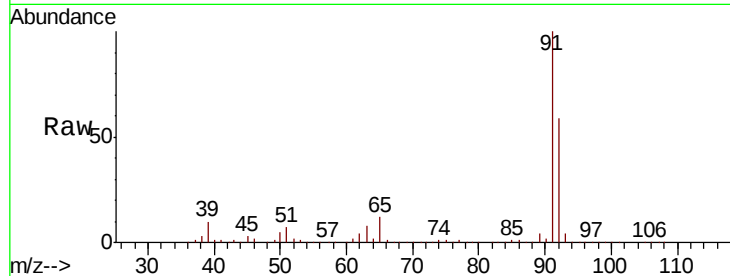
QNWP8-MW9-GW

Tot Ion: 92 Resp: 2968893

Ion Ratio Lower Upper

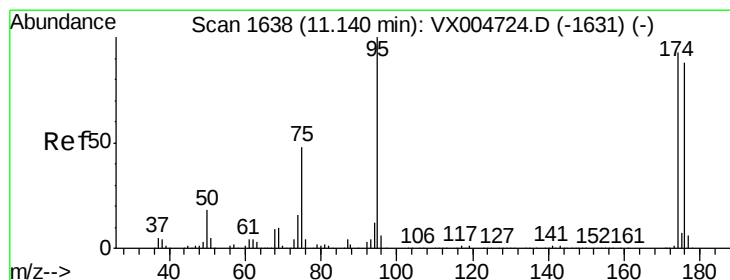
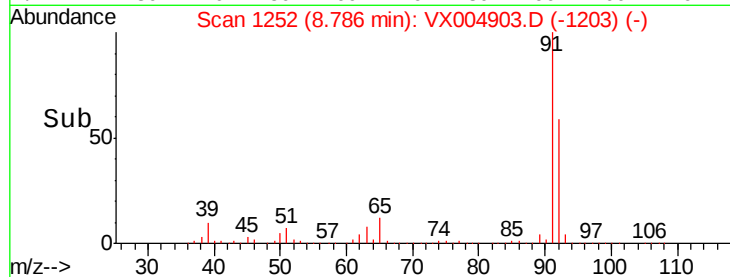
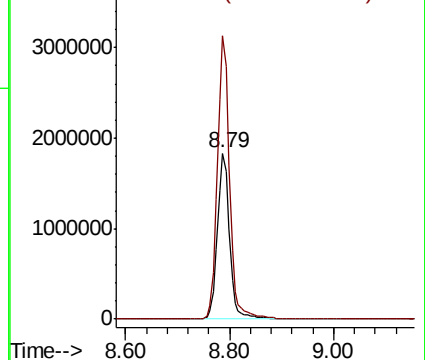
92 100

91 172.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.782 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004903.D

Acq: 02 Oct 2018 06:38

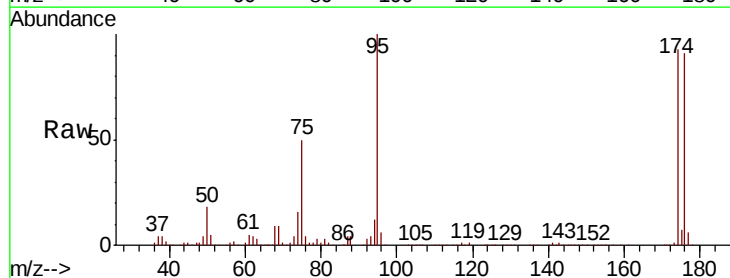
Tgt Ion: 95 Resp: 210970

Ion Ratio Lower Upper

95 100

174 90.5 0.0 185.2

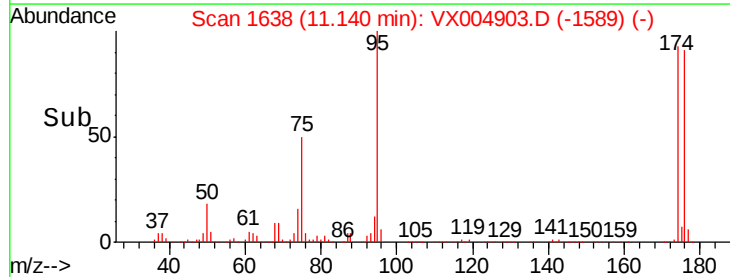
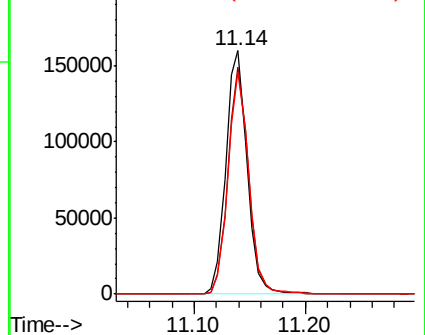
176 89.1 0.0 178.6

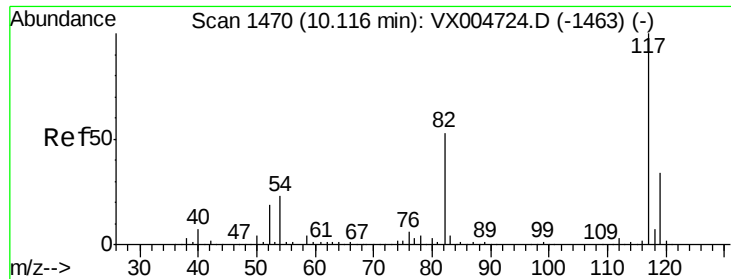


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

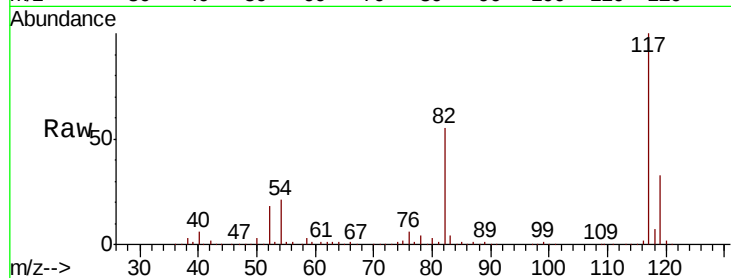




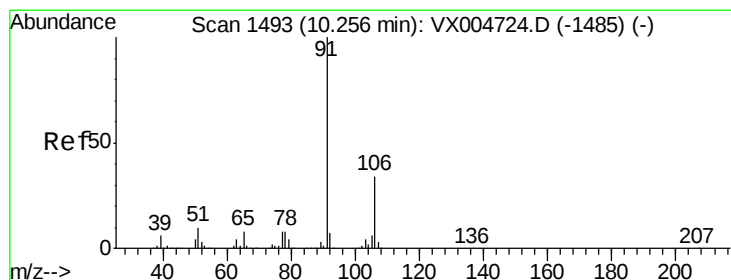
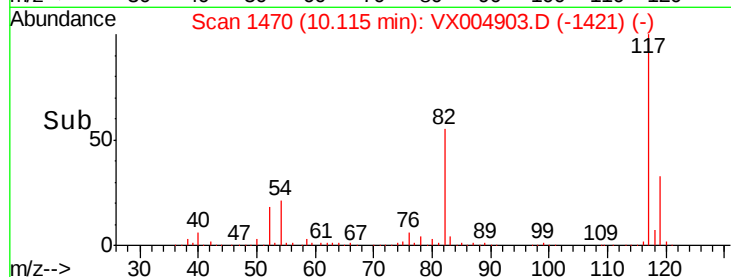
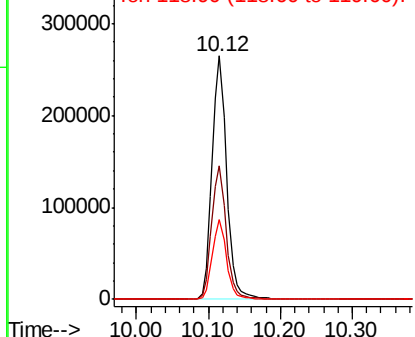
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004903.D
Acq: 02 Oct 2018 06:38

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW9-GW

Tot Ion:117 Resp: 372725
Ion Ratio Lower Upper
117 100
82 54.6 47.8 71.6
119 32.5 29.3 43.9

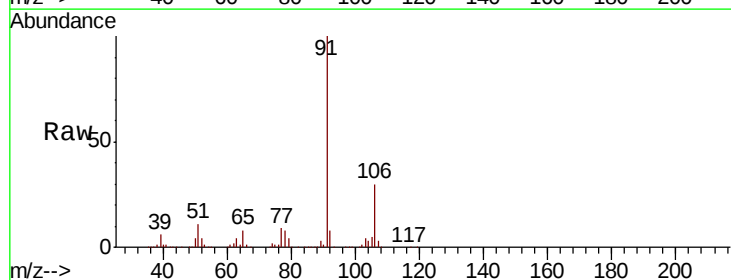


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

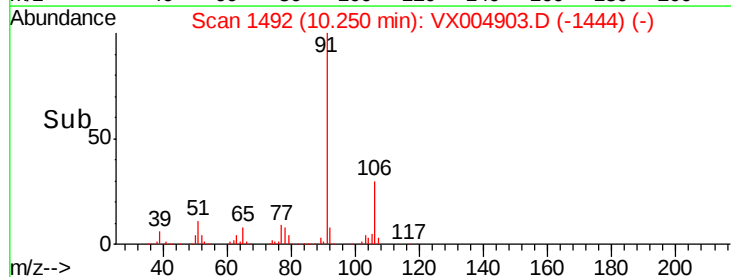
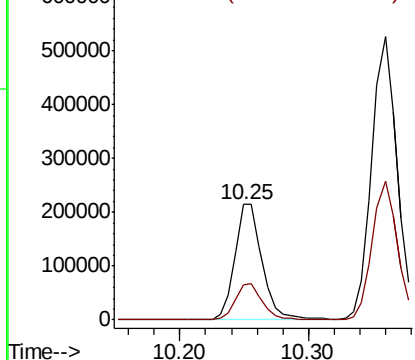


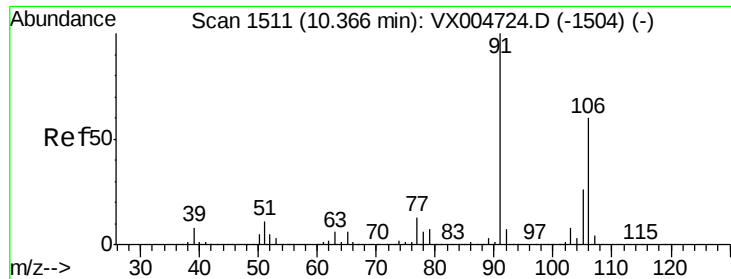
#67
Ethyl Benzene
Concen: 20.919 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004903.D
Acq: 02 Oct 2018 06:38

Tgt Ion: 91 Resp: 317428
Ion Ratio Lower Upper
91 100
106 30.0 25.9 38.9



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

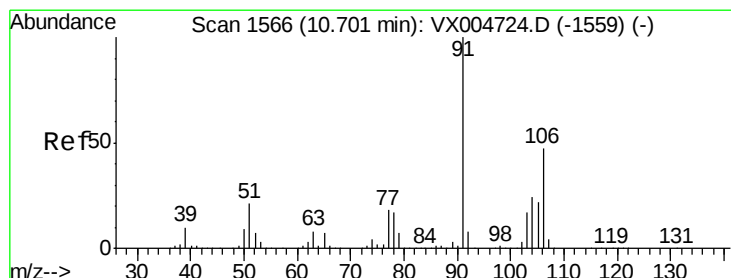
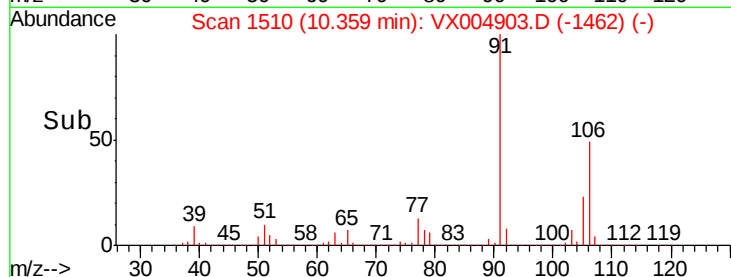
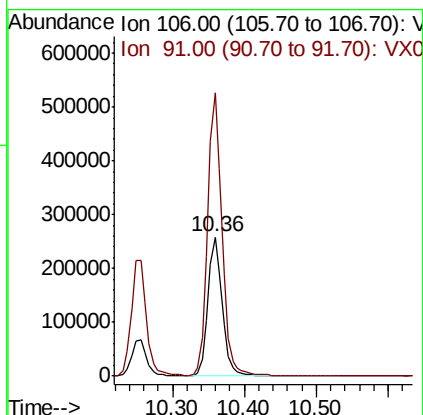
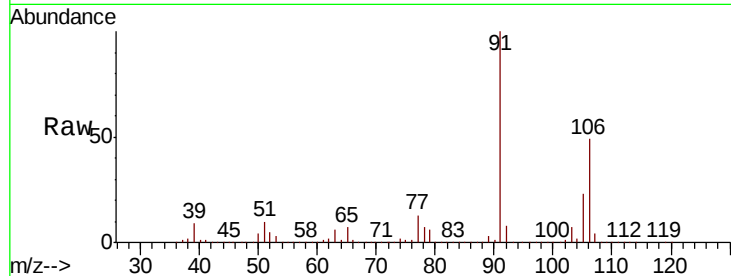




#68
m/p-Xylenes
Concen: 60.462 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004903.D
Acq: 02 Oct 2018 06:38

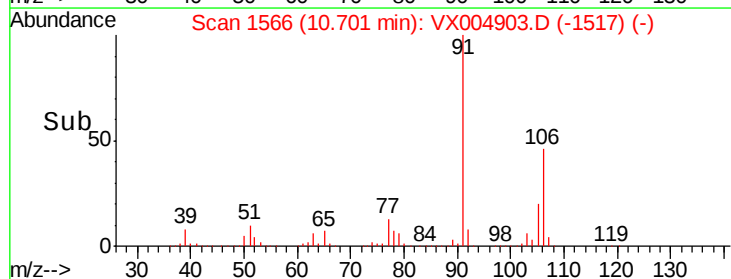
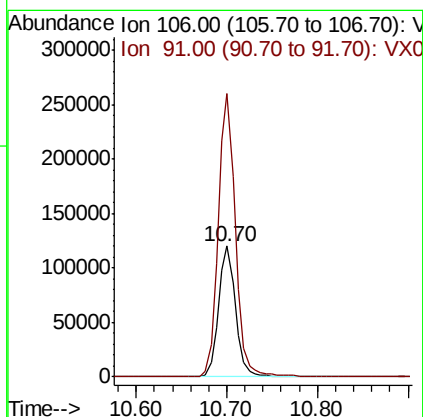
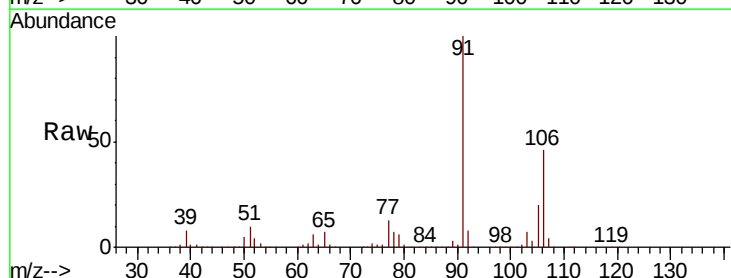
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW9-GW

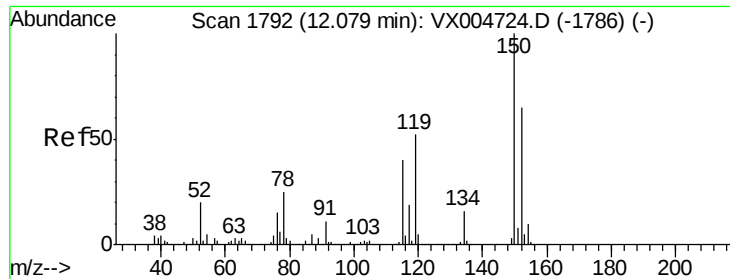
Tot Ion:106 Resp: 358516
Ion Ratio Lower Upper
106 100
91 205.0 157.1 235.7



#69
o-Xylene
Concen: 29.024 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004903.D
Acq: 02 Oct 2018 06:38

Tgt Ion:106 Resp: 158071
Ion Ratio Lower Upper
106 100
91 218.1 105.1 315.1



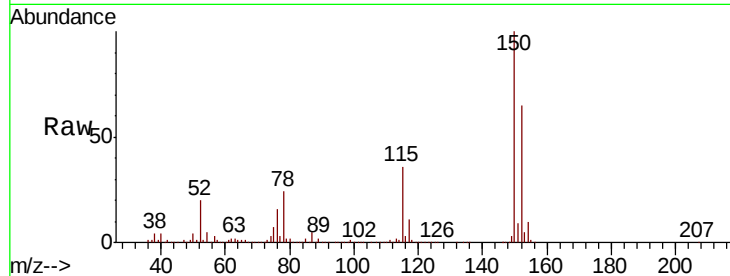


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004903.D
Acq: 02 Oct 2018 06:38

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW9-GW

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.0	117.0
150	156.5	0.0	351.0

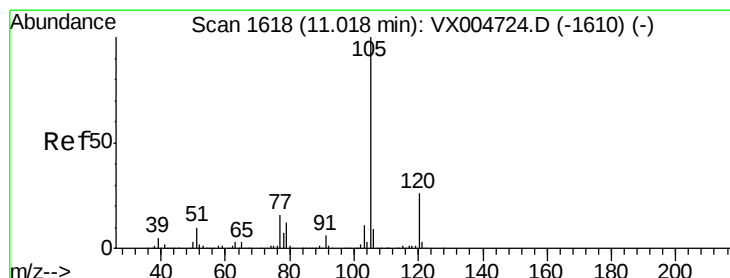
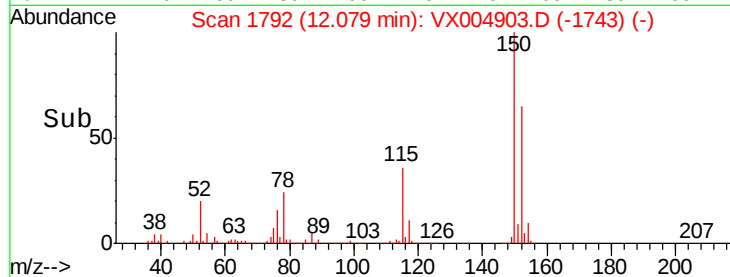
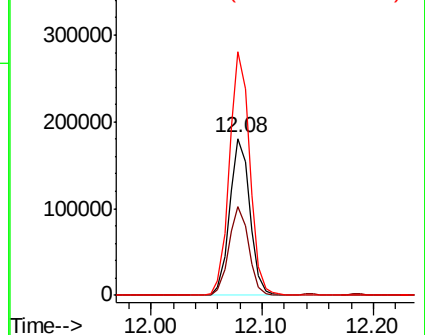


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

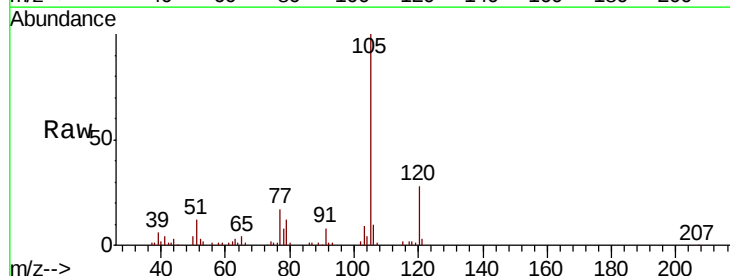
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 1.149 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004903.D
Acq: 02 Oct 2018 06:38

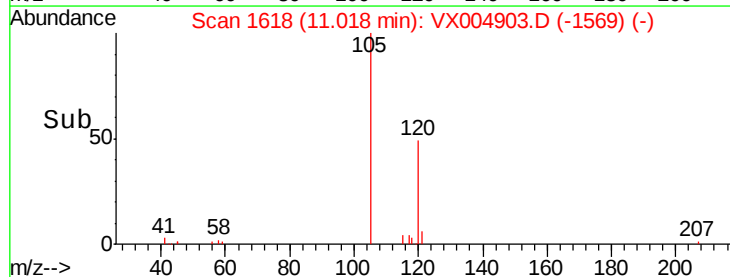
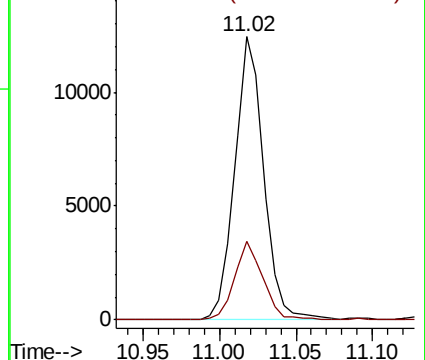
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.4

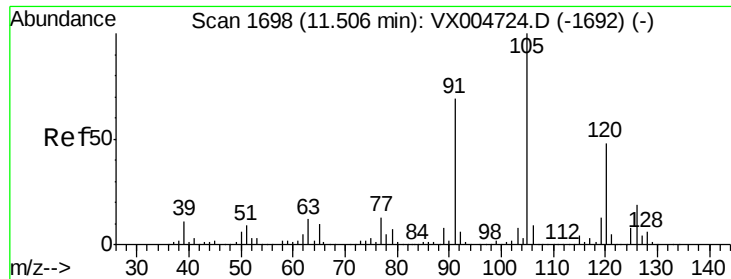


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 3.596 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004903.D

Acq: 02 Oct 2018 06:38

Instrument :

MSVOA_X

ClientSampleId :

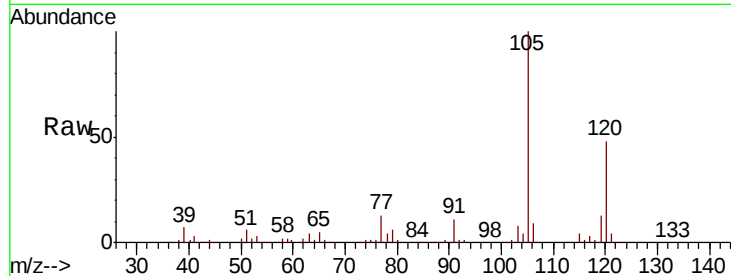
QNWP8-MW9-GW

Tot Ion:105 Resp: 49202

Ion Ratio Lower Upper

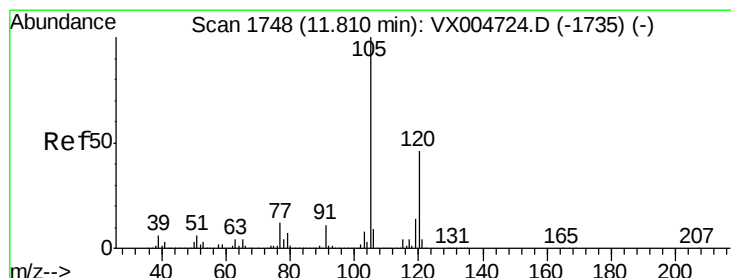
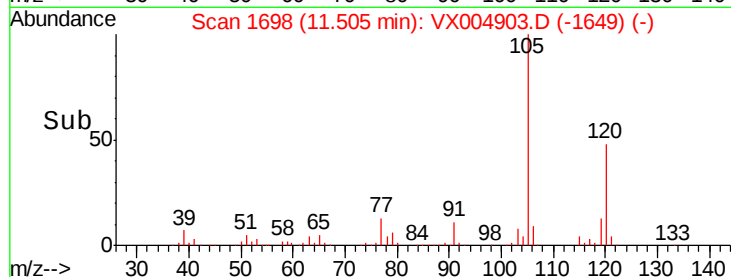
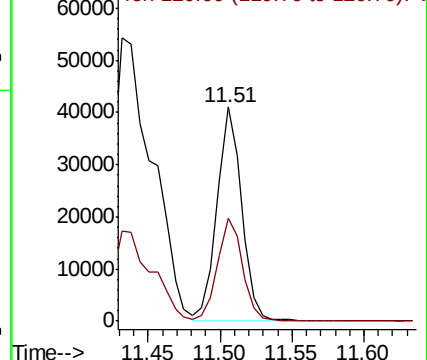
105 100

120 49.1 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 9.954 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004903.D

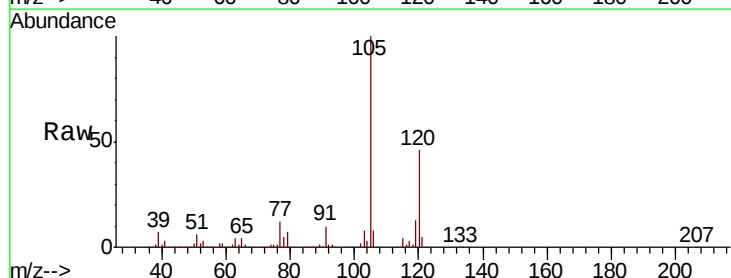
Acq: 02 Oct 2018 06:38

Tgt Ion:105 Resp: 135769

Ion Ratio Lower Upper

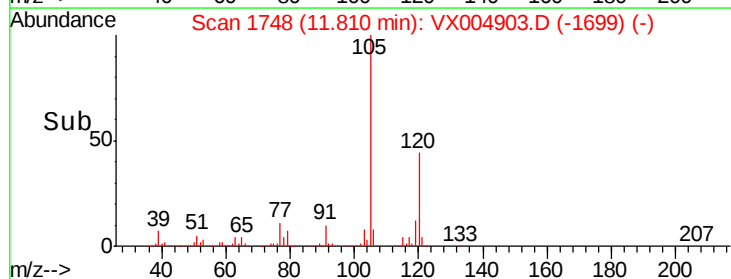
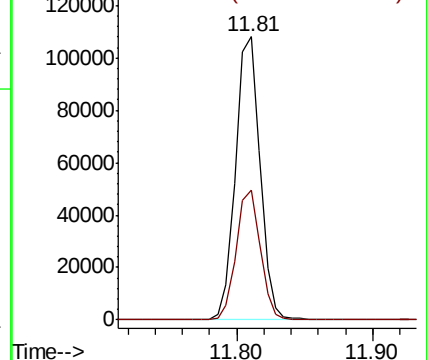
105 100

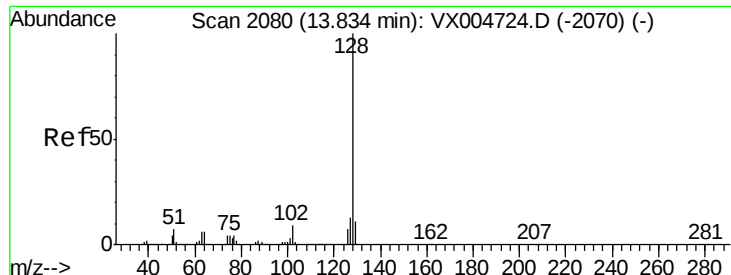
120 45.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 290.123 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004903.D
Acq: 02 Oct 2018 06:38

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW9-GW

Tot Ion:128 Resp: 5503984
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.4 8.6 12.8

