

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004904.D
 Acq On : 02 Oct 2018 07:05
 Operator : JC/MD
 Sample : J5155-05 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW16S-GW

Quant Time: Oct 03 13:11:24 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	5.66	168	236326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229766	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	178695	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
35) Dibromofluoromethane	5.51	113	148932	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	
50) Toluene-d8	8.72	98	555802	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.14	95	215227	55.10	ug/l	0.00
Spiked Amount			Recovery	=	110.20%	

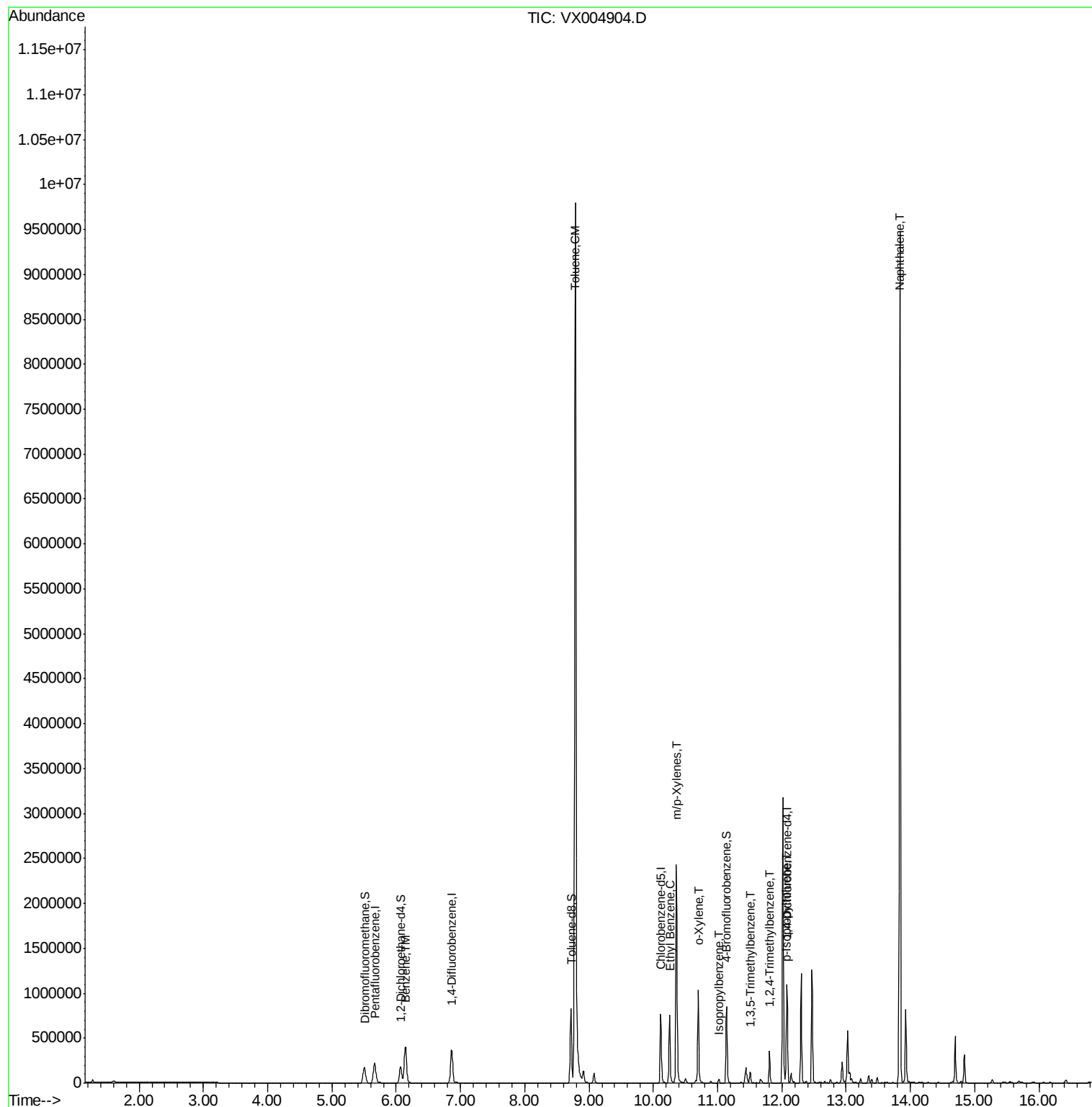
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	6.15	78	487042	34.964	ug/l	99
52) Toluene	8.79	92	3898817	509.362	ug/l	99
67) Ethyl Benzene	10.26	91	468159	30.639	ug/l	98
68) m/p-Xylenes	10.36	106	571135	95.651	ug/l	94
69) o-Xylene	10.70	106	227993	41.572	ug/l	96
73) Isopropylbenzene	11.02	105	21887	1.511	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	56365	4.065	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	160261	11.555	ug/l	99
86) p-Isopropyltoluene	12.07	119	27914	2.121	ug/l	95
95) Naphthalene	13.83	128	5659481	292.581	ug/l	98

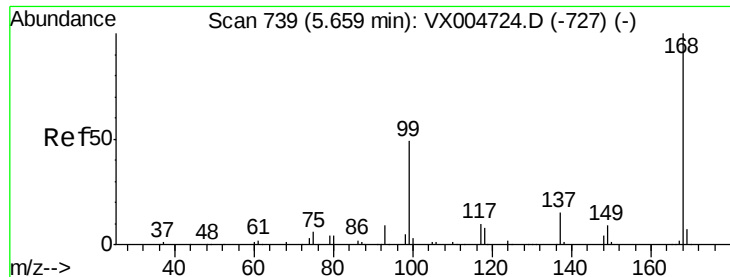
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100118\
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Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW16S-GW

Quant Time: Oct 03 13:11:24 2018
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: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004904.D

Acq: 02 Oct 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

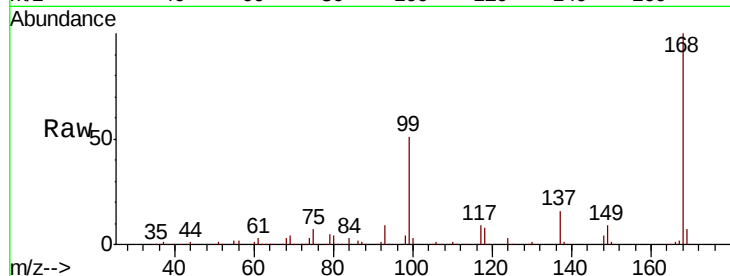
QNWP8-MW16S-GW

Tot Ion:168 Resp: 236326

Ion Ratio Lower Upper

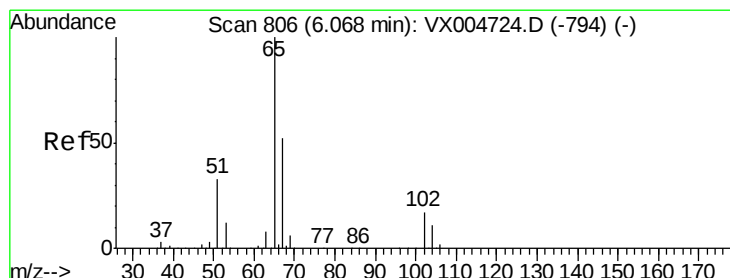
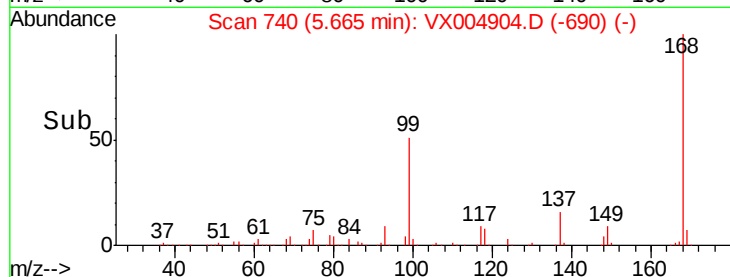
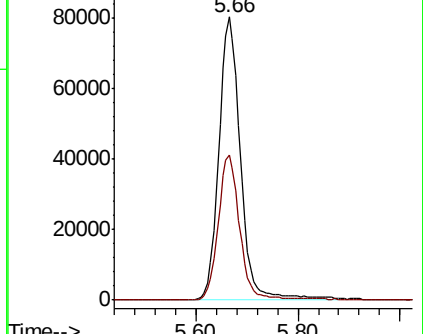
168 100

99 51.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.932 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004904.D

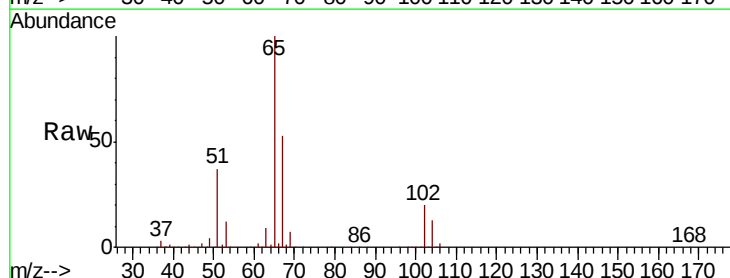
Acq: 02 Oct 2018 07:05

Tgt Ion: 65 Resp: 178695

Ion Ratio Lower Upper

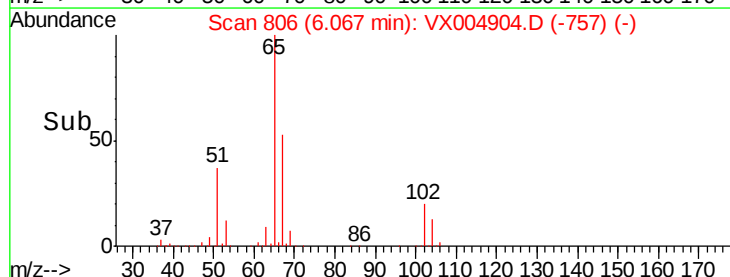
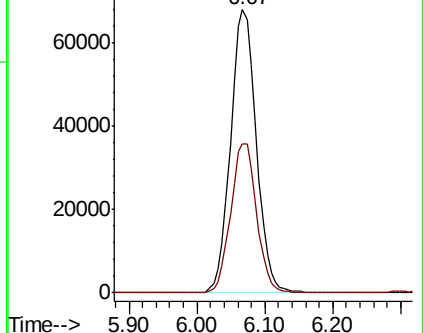
65 100

67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

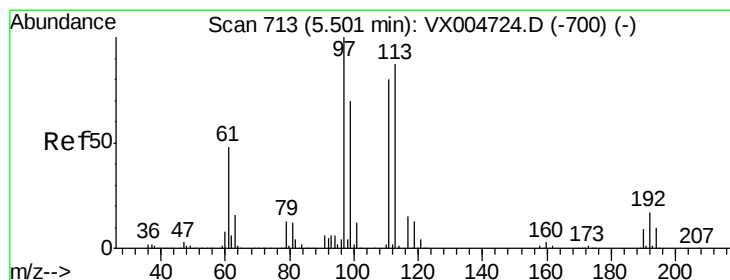
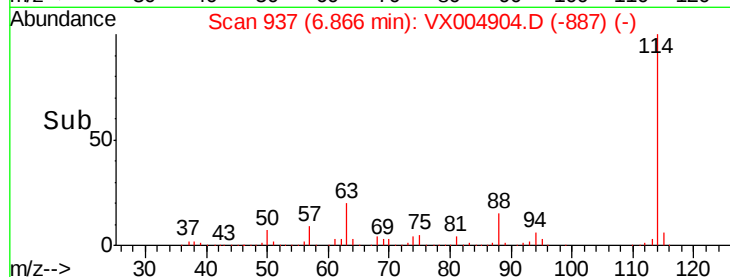
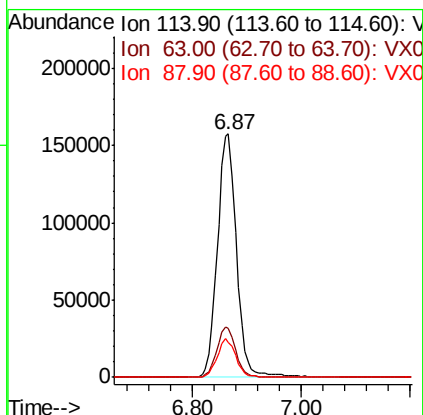
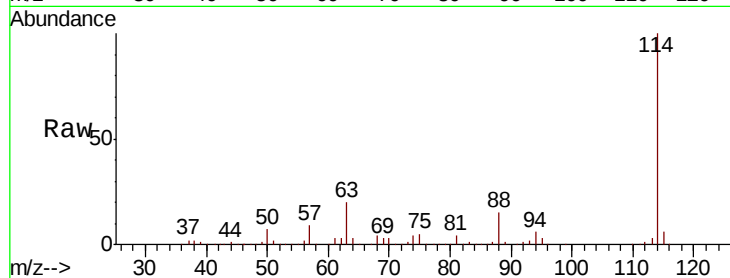




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004904.D
 Acq: 02 Oct 2018 07:05

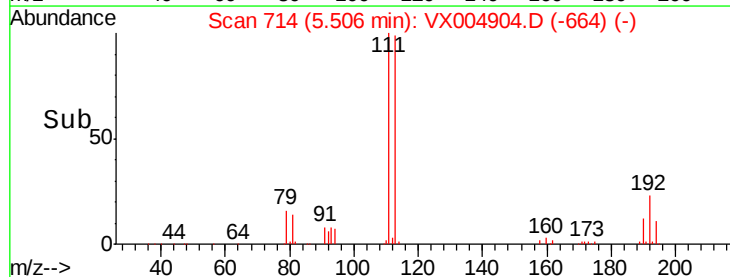
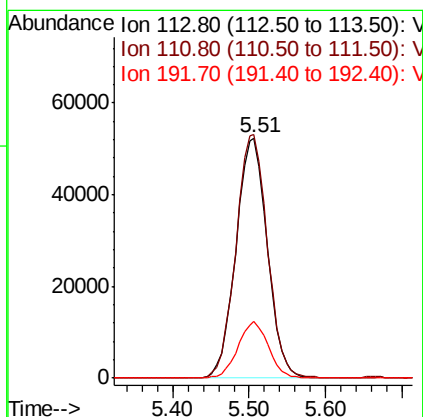
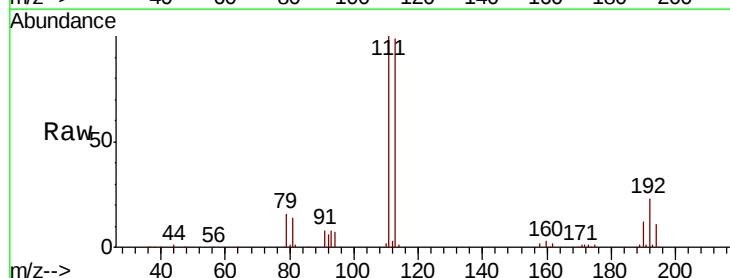
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW16S-GW

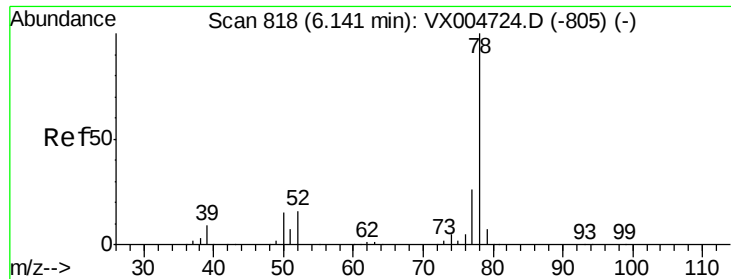
Tot Ion:114 Resp: 384798
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 14.5 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 45.668 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004904.D
 Acq: 02 Oct 2018 07:05

Tgt Ion:113 Resp: 148932
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.4 123.6
 192 23.0 19.4 29.2





#40

Benzene

Concen: 34.964 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004904.D

Acq: 02 Oct 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

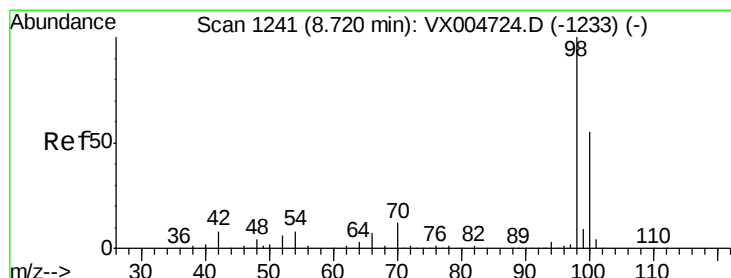
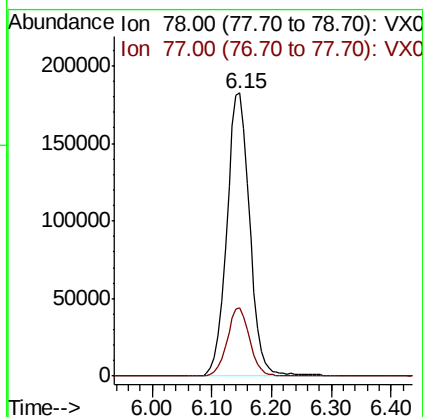
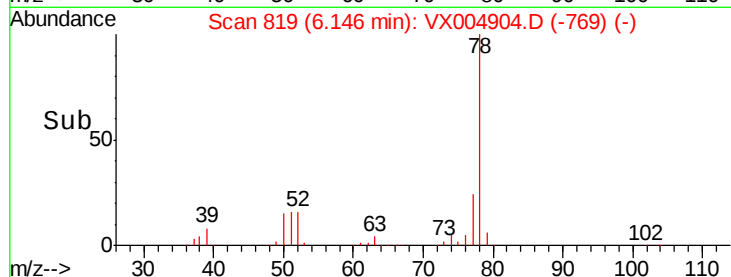
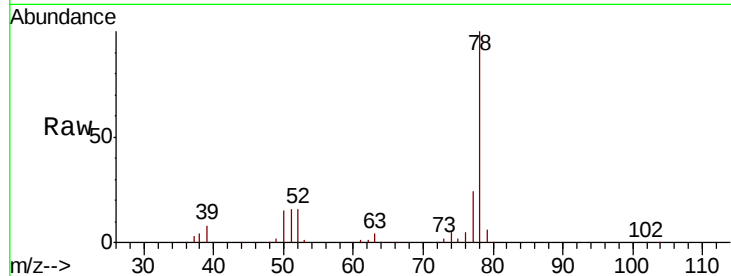
QNWP8-MW16S-GW

Tot Ion: 78 Resp: 487042

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4



#50

Toluene-d8

Concen: 51.264 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004904.D

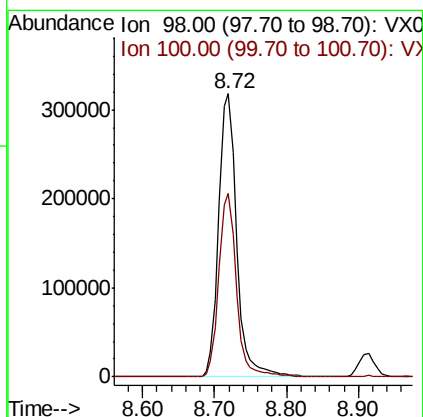
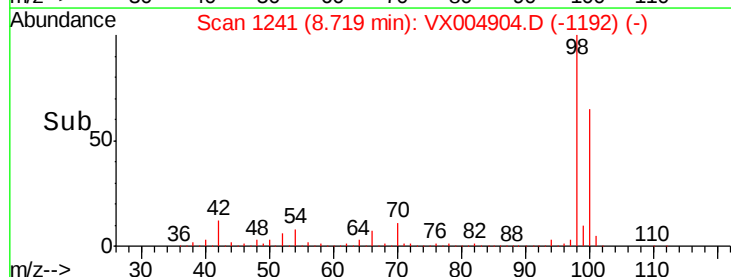
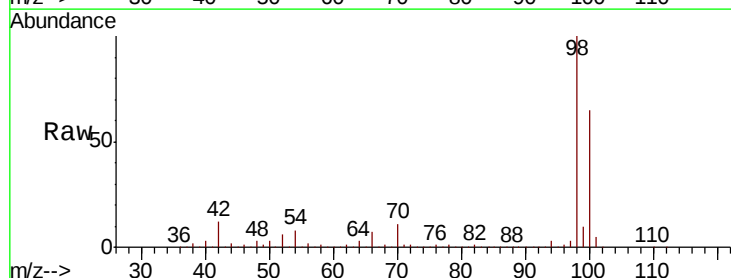
Acq: 02 Oct 2018 07:05

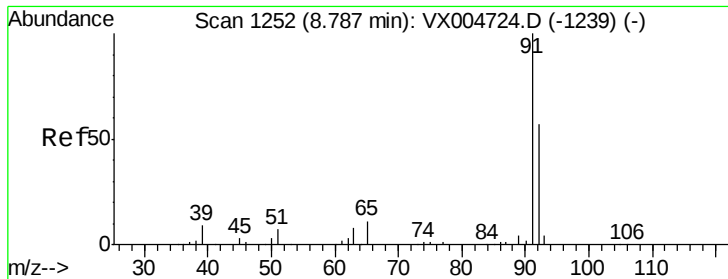
Tgt Ion: 98 Resp: 555802

Ion Ratio Lower Upper

98 100

100 63.5 52.9 79.3





#52

Toluene

Concen: 509.362 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004904.D

Acq: 02 Oct 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

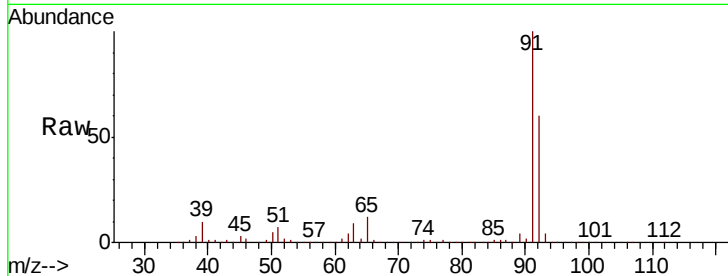
QNWP8-MW16S-GW

Tot Ion: 92 Resp: 3898817

Ion Ratio Lower Upper

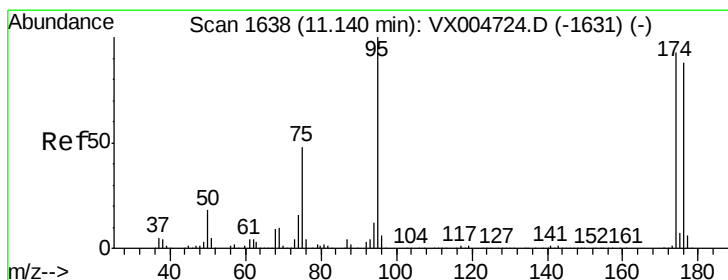
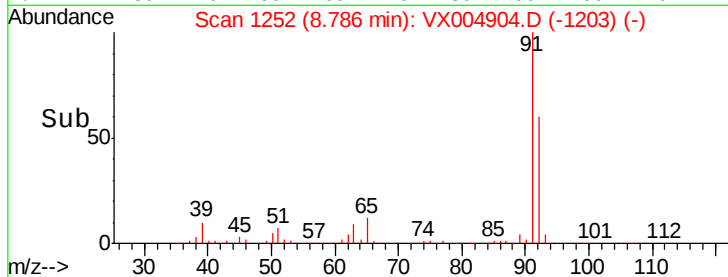
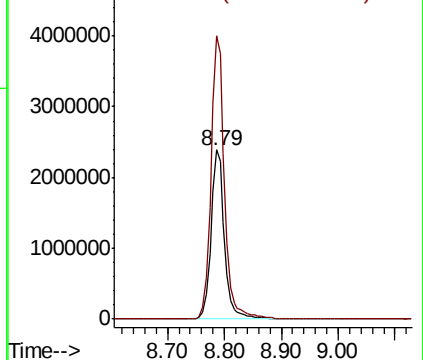
92 100

91 169.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 55.104 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004904.D

Acq: 02 Oct 2018 07:05

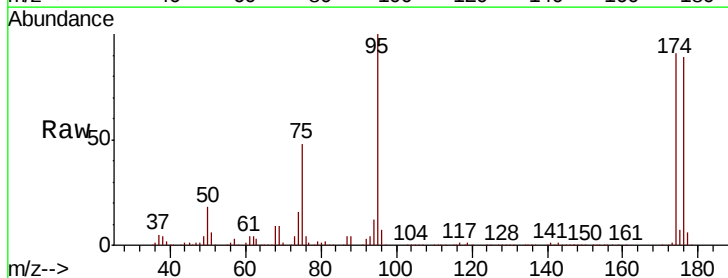
Tgt Ion: 95 Resp: 215227

Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.2

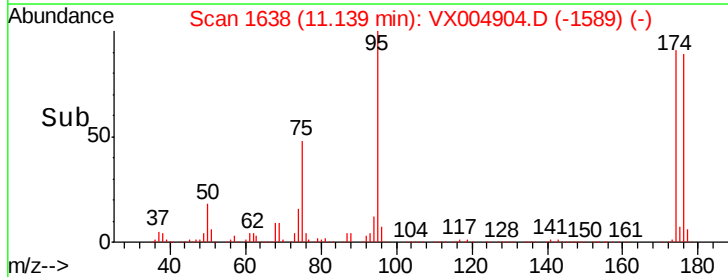
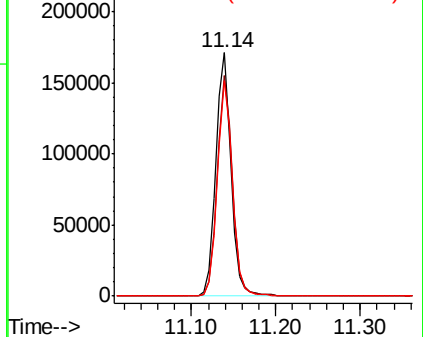
176 88.1 0.0 178.6

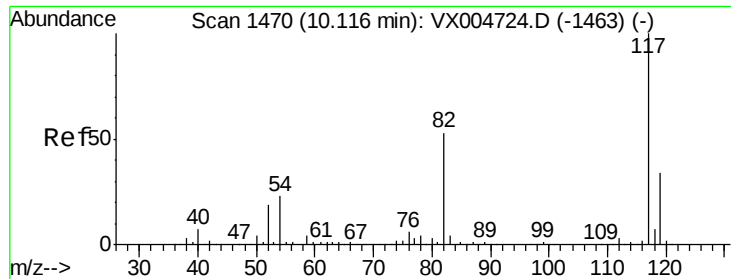


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

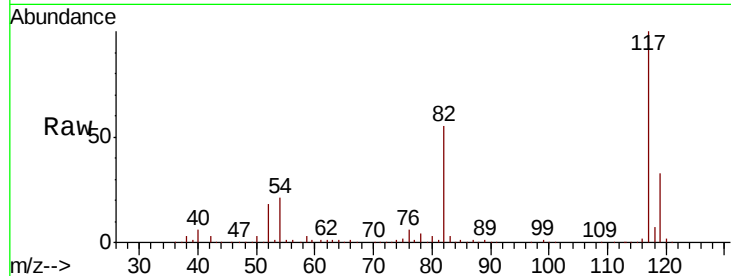




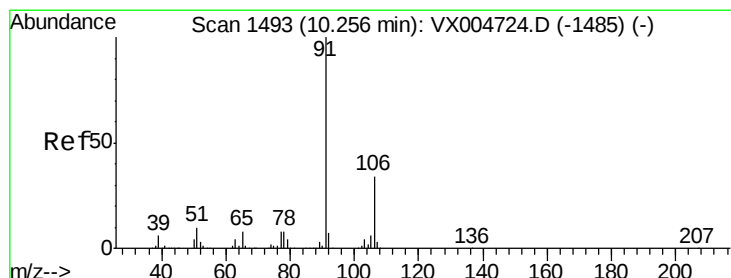
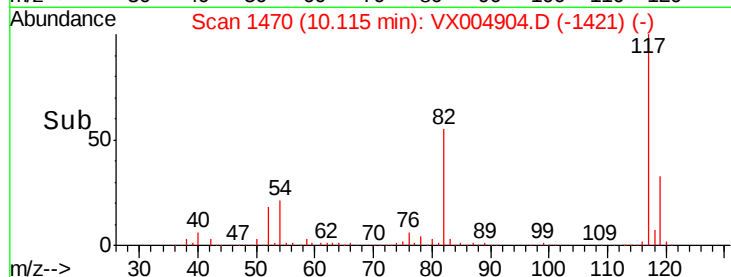
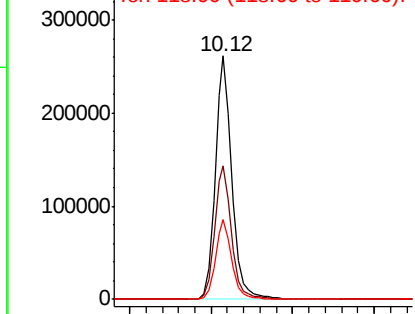
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004904.D
Acq: 02 Oct 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW16S-GW

Tot Ion:117 Resp: 375329
Ion Ratio Lower Upper
117 100
82 55.1 47.8 71.6
119 32.6 29.3 43.9

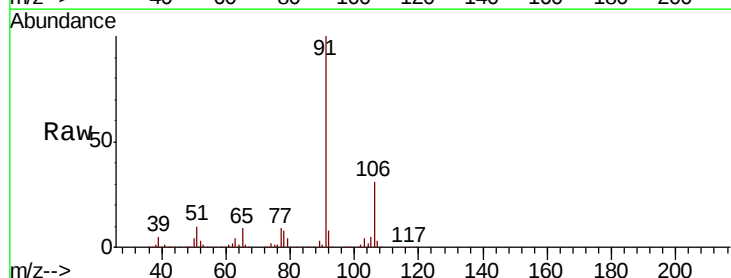


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

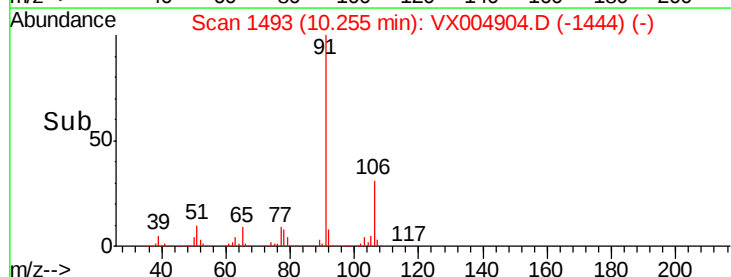
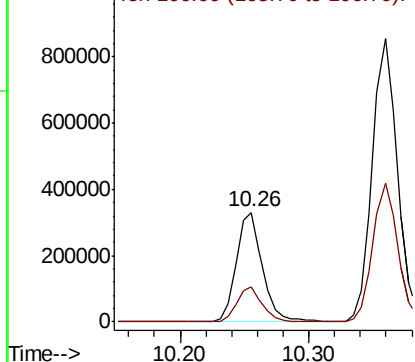


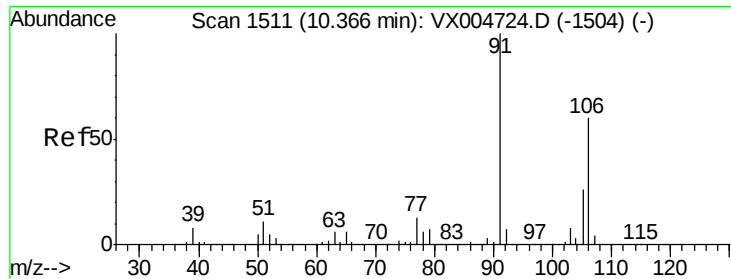
#67
Ethyl Benzene
Concen: 30.639 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004904.D
Acq: 02 Oct 2018 07:05

Tgt Ion: 91 Resp: 468159
Ion Ratio Lower Upper
91 100
106 31.5 25.9 38.9



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

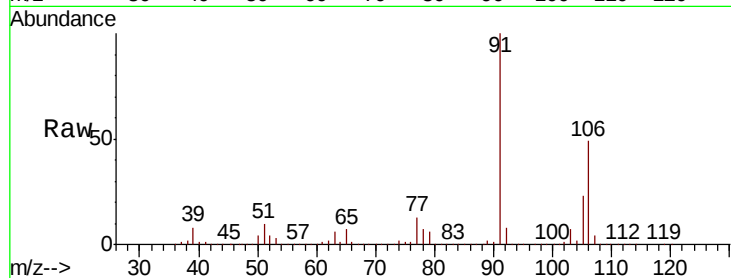




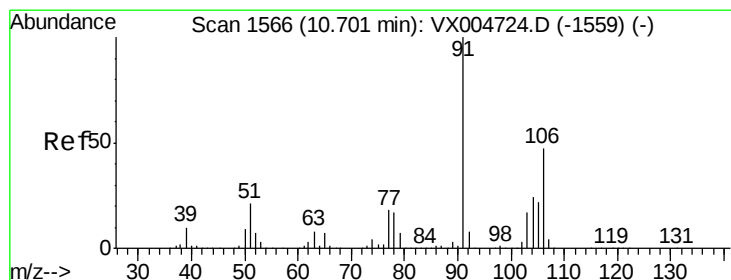
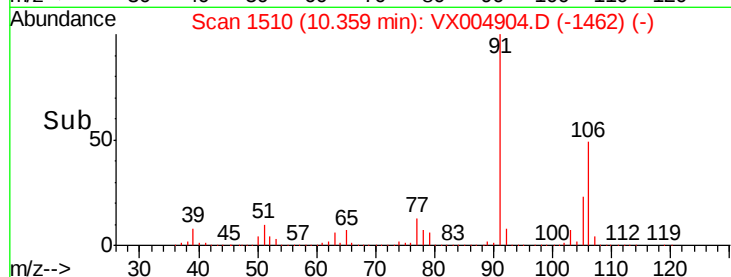
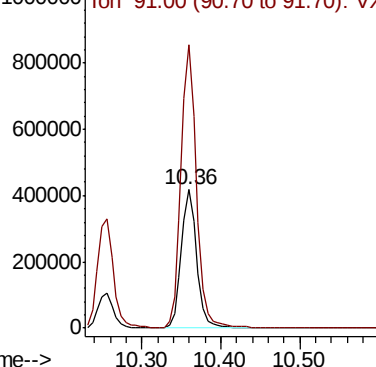
#68
m/p-Xvlenes
Concen: 95.651 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004904.D
Acq: 02 Oct 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW16S-GW

Tot Ion:106 Resp: 571135
Ion Ratio Lower Upper
106 100
91 204.8 157.1 235.7

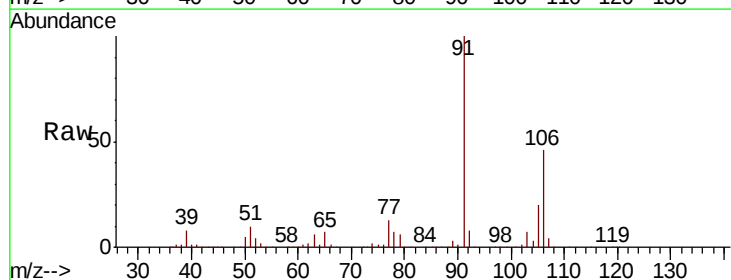


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

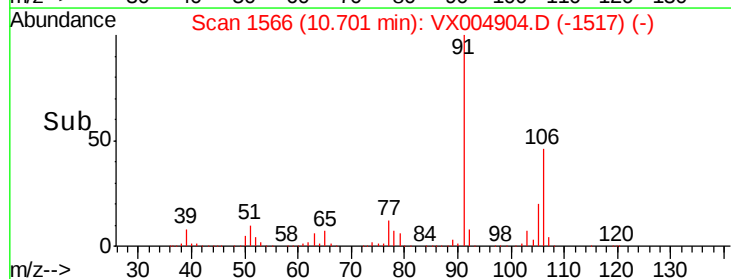
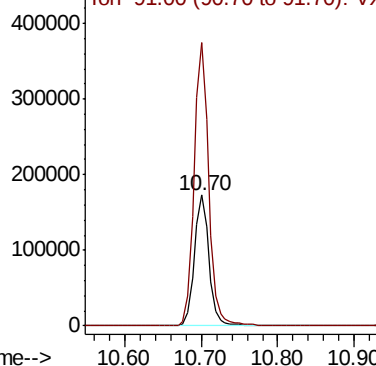


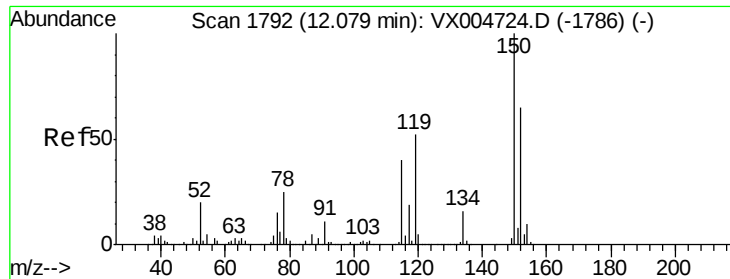
#69
o-Xylene
Concen: 41.572 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004904.D
Acq: 02 Oct 2018 07:05

Tgt Ion:106 Resp: 227993
Ion Ratio Lower Upper
106 100
91 216.4 105.1 315.1



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: VX004904.D

Acq: 02 Oct 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW16S-GW

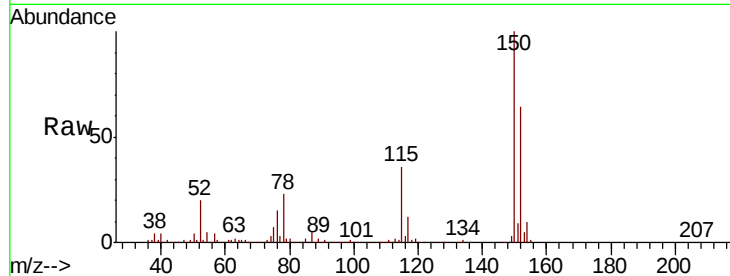
Tot Ion:152 Resp: 229766

Ion Ratio Lower Upper

152 100

115 56.3 39.0 117.0

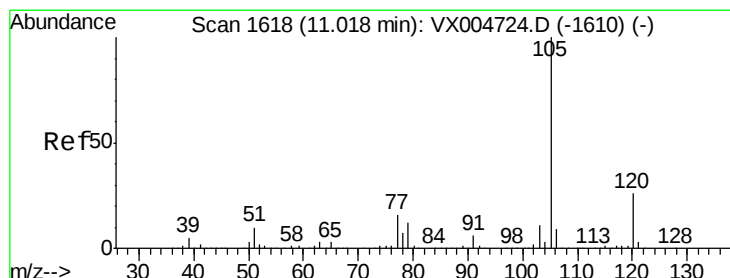
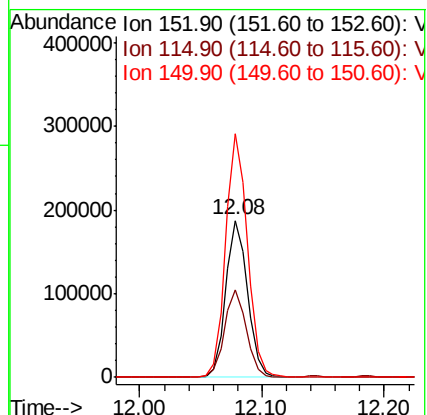
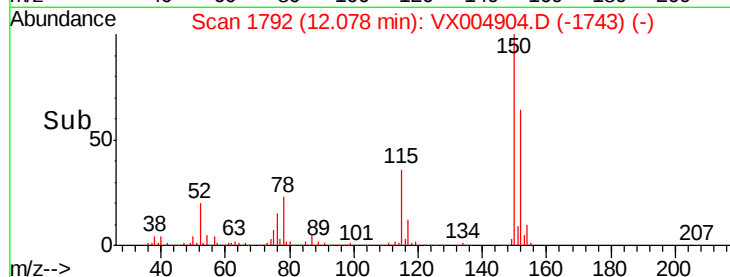
150 155.8 0.0 351.0



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: 1.511 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004904.D

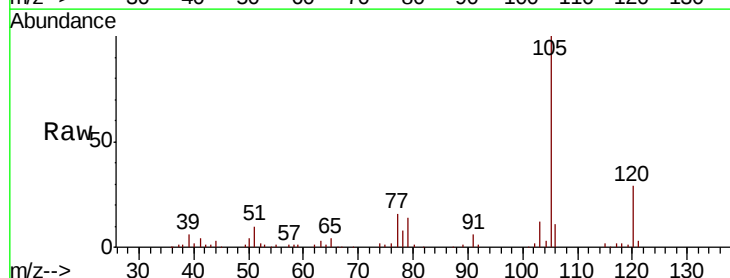
Acq: 02 Oct 2018 07:05

Tgt Ion:105 Resp: 21887

Ion Ratio Lower Upper

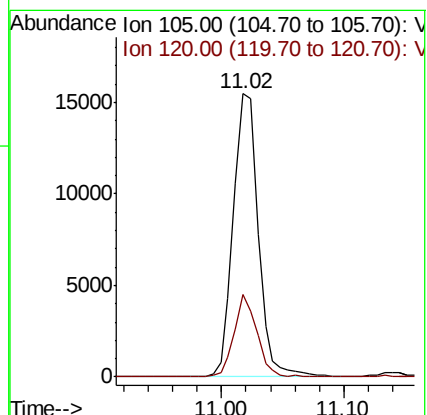
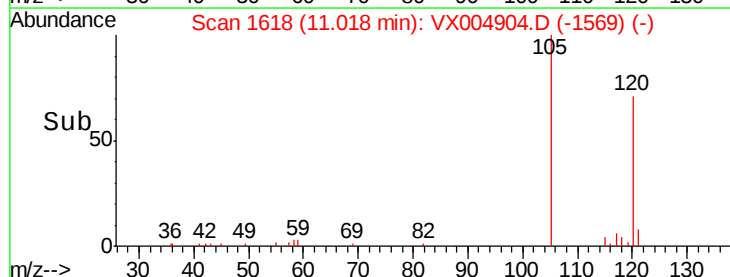
105 100

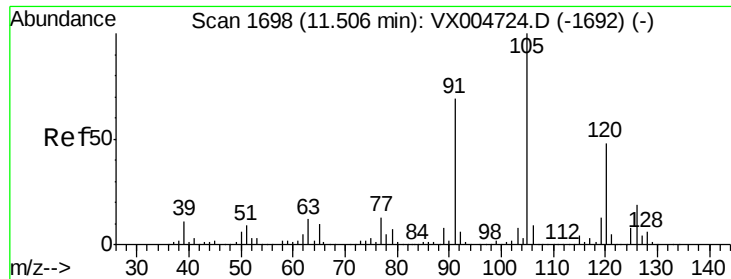
120 26.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

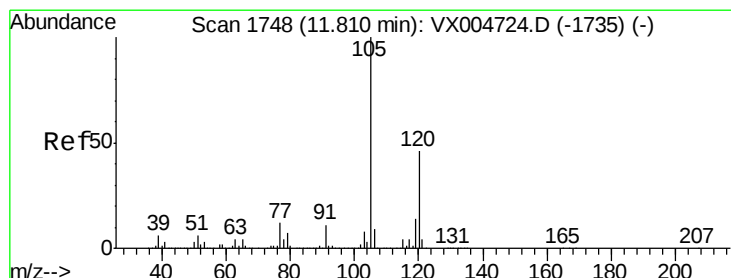
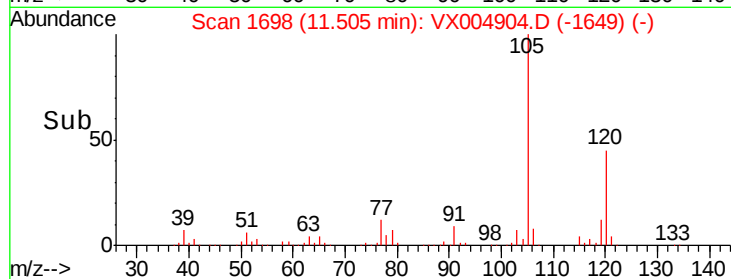
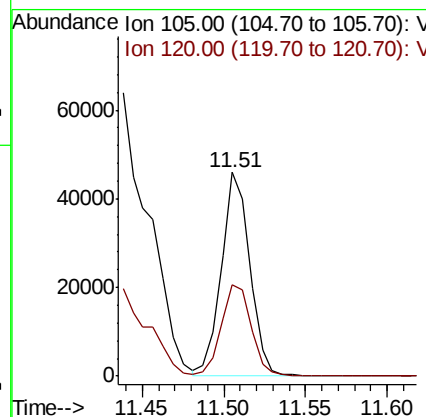
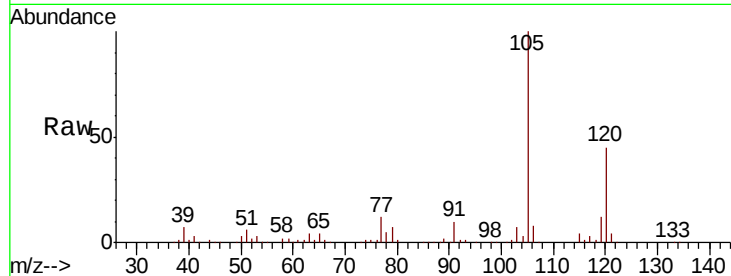




#80
 1,3,5-Trimethylbenzene
 Concen: 4.065 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004904.D
 Acq: 02 Oct 2018 07:05

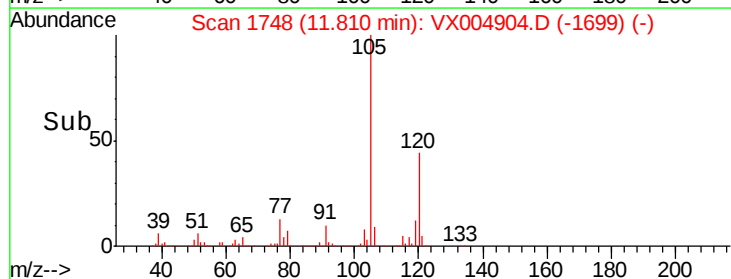
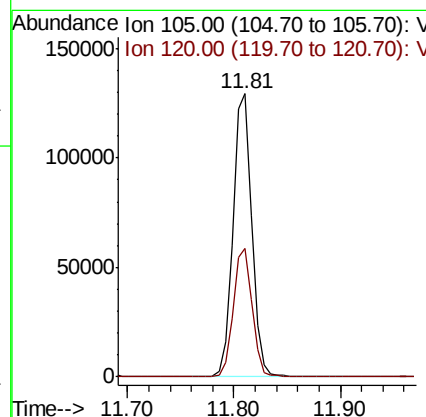
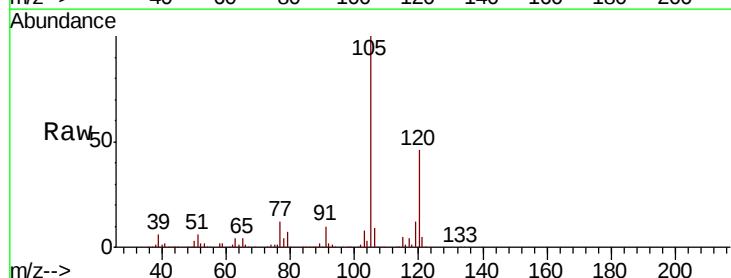
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW16S-GW

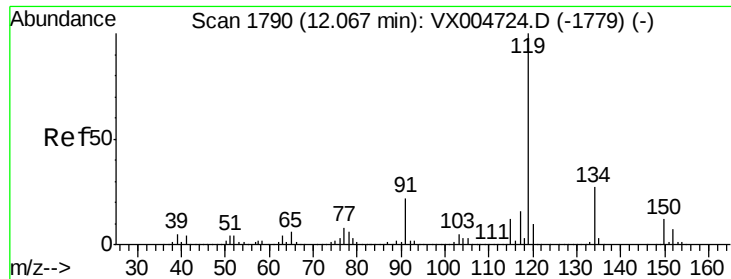
Tot Ion:105 Resp: 56365
 Ion Ratio Lower Upper
 105 100
 120 47.3 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 11.555 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004904.D
 Acq: 02 Oct 2018 07:05

Tgt Ion:105 Resp: 160261
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.2 69.6





#86

p-Isopropyltoluene

Concen: 2.121 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004904.D

Acq: 02 Oct 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW16S-GW

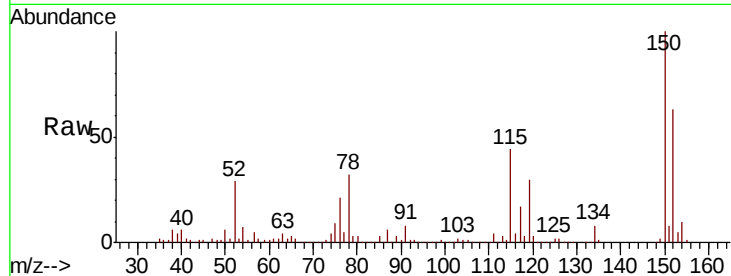
Tot Ion:119 Resp: 27914

Ion Ratio Lower Upper

119 100

134 28.3 13.4 40.2

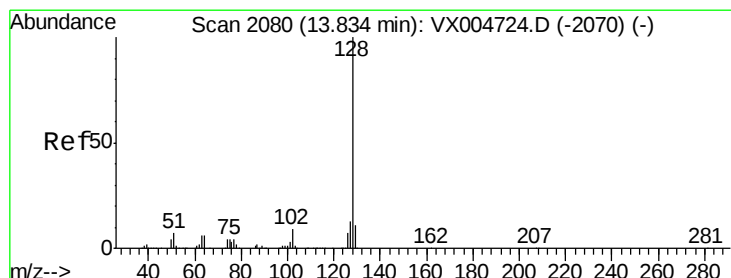
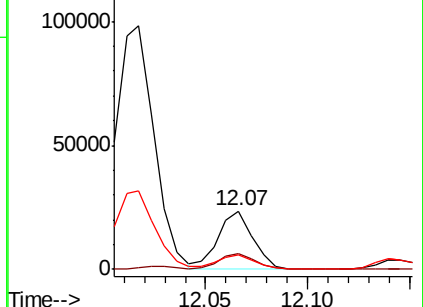
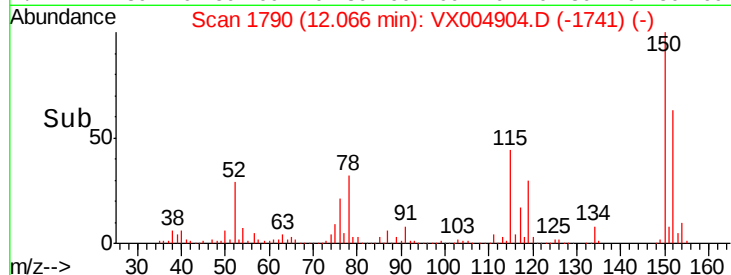
91 24.9 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95

Naphthalene

Concen: 292.581 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004904.D

Acq: 02 Oct 2018 07:05

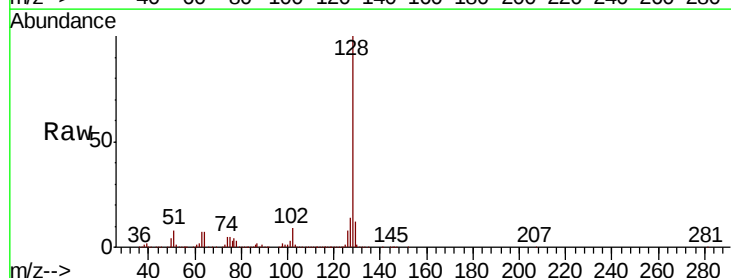
Tgt Ion:128 Resp: 5659481

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 11.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

