

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005025.D
 Acq On : 04 Oct 2018 18:15
 Operator : JC/MD
 Sample : J5155-05 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW16S-GW

Quant Time: Oct 05 13:32:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216613	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	172140	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
35) Dibromofluoromethane	5.50	113	144785	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	
50) Toluene-d8	8.72	98	539577	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.14	95	207779	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	

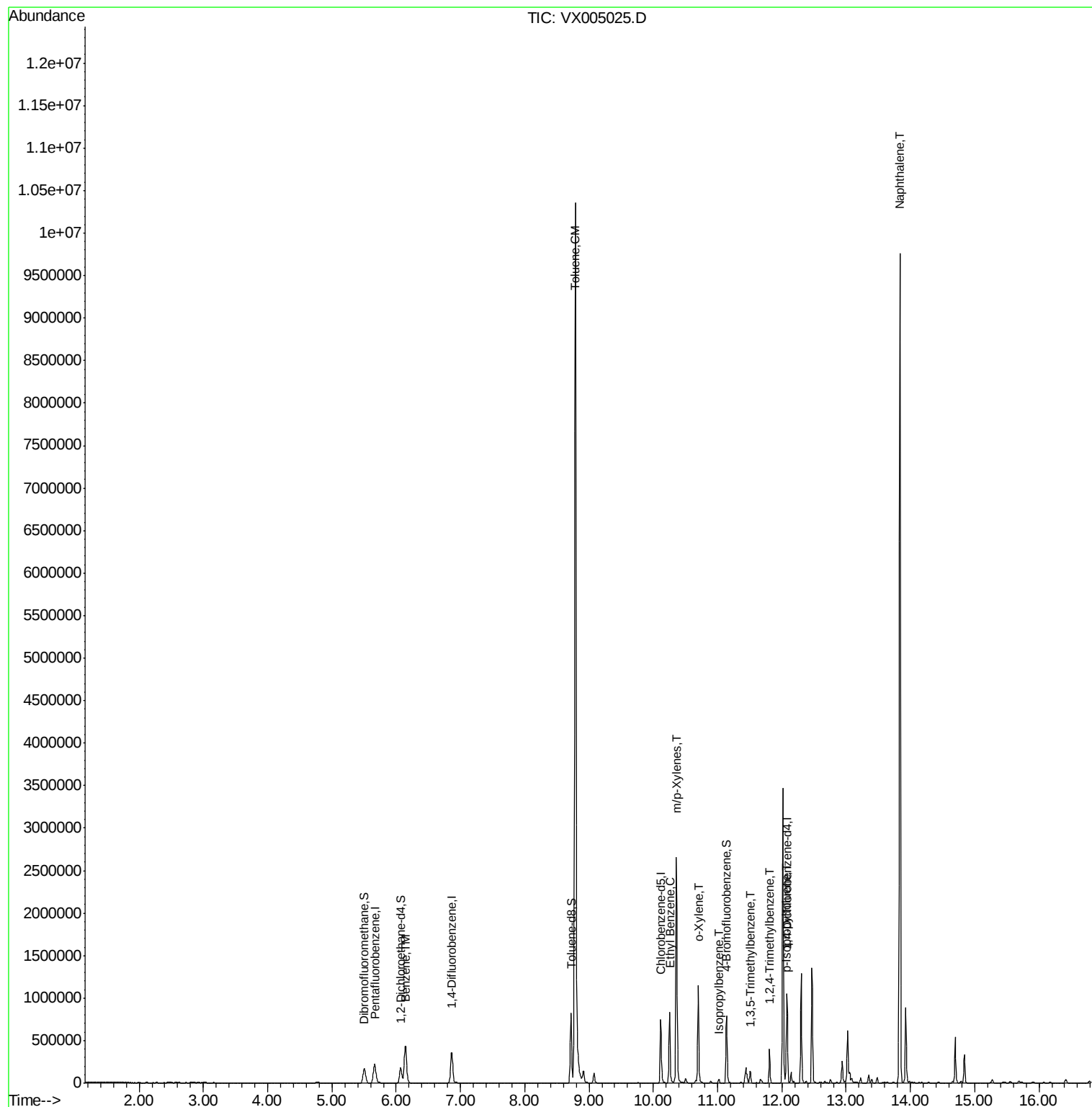
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	6.15	78	532541	38.593	ug/l	94
52) Toluene	8.79	92	4258403	561.619	ug/l	99
67) Ethyl Benzene	10.26	91	510424	34.489	ug/l	97
68) m/p-Xylenes	10.36	106	630045	108.942	ug/l	96
69) o-Xylene	10.70	106	249488	46.967	ug/l	100
73) Isopropylbenzene	11.02	105	24371	1.785	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	61206	4.712	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	176995	13.571	ug/l	99
86) p-Isopropyltoluene	12.07	119	27492	2.216	ug/l	96
95) Naphthalene	13.83	128	5962498	326.879	ug/l	99

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

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Sample : J5155-05 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW16S-GW

Quant Time: Oct 05 13:32:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 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: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

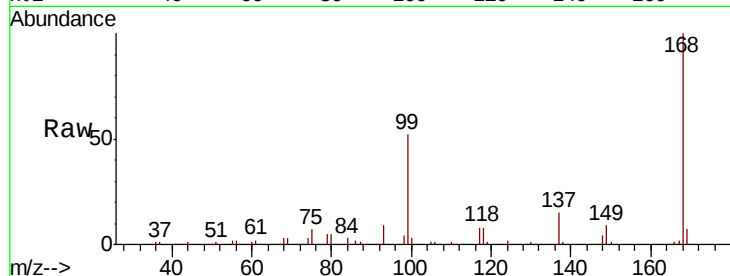
QNWP8-MW16S-GW

Tot Ion:168 Resp: 233289

Ion Ratio Lower Upper

168 100

99 51.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

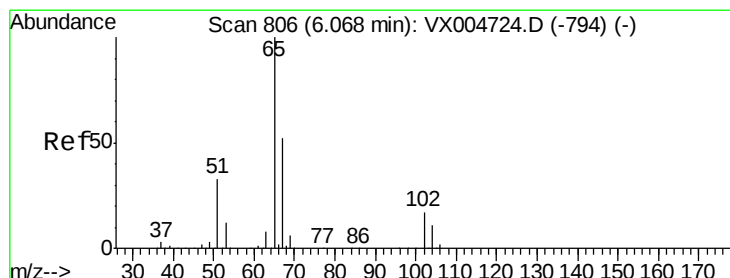
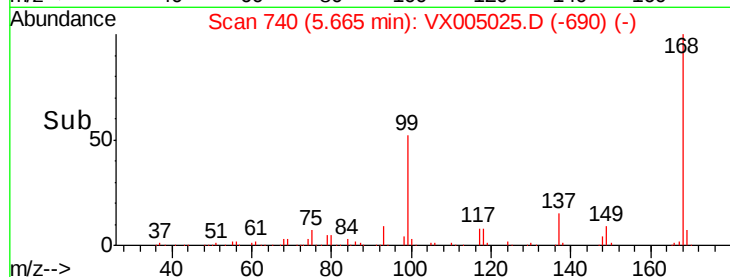
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.654 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005025.D

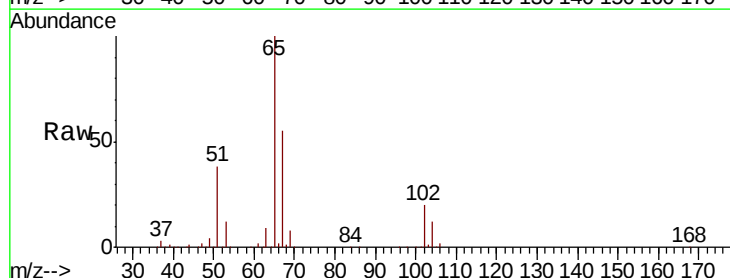
Acq: 04 Oct 2018 18:15

Tgt Ion: 65 Resp: 172140

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

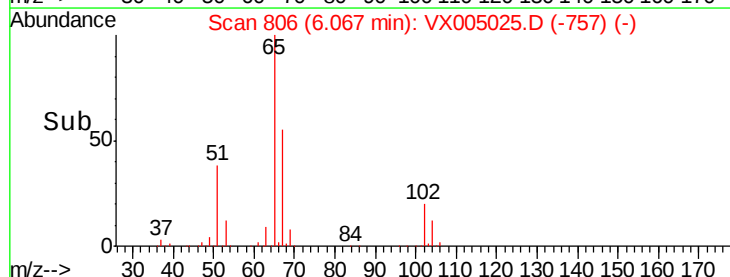
40000

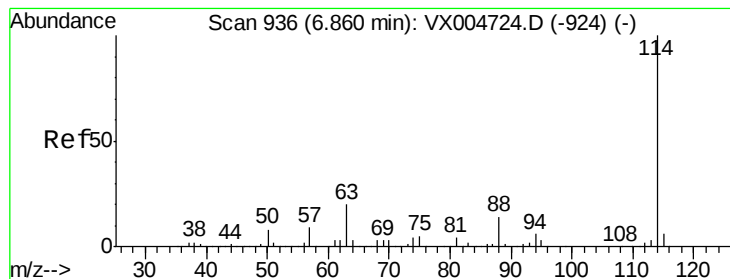
20000

0

Time-->

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: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW16S-GW

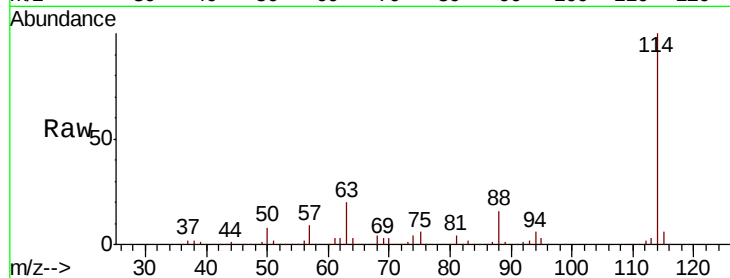
Tot Ion:114 Resp: 381181

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

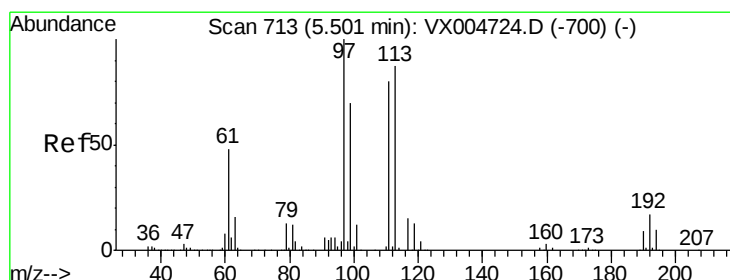
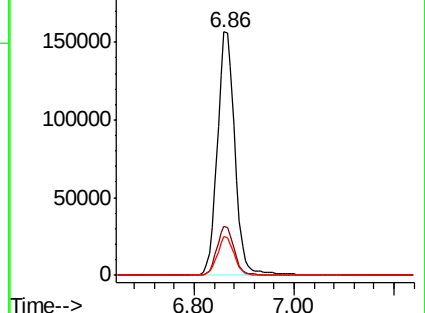
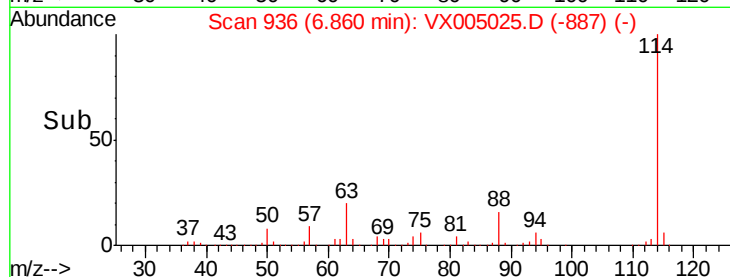
88 15.8 0.0 27.0



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: 44.817 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

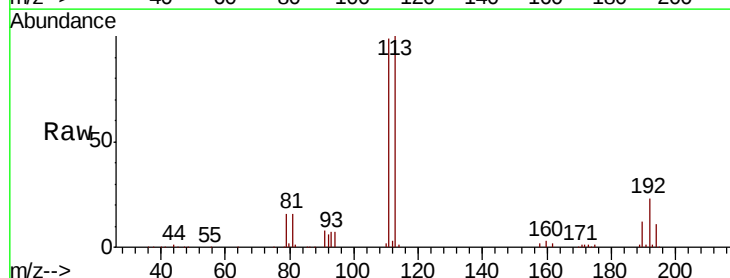
Tgt Ion:113 Resp: 144785

Ion Ratio Lower Upper

113 100

111 102.6 77.0 115.4

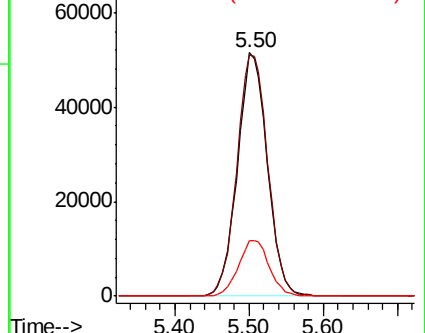
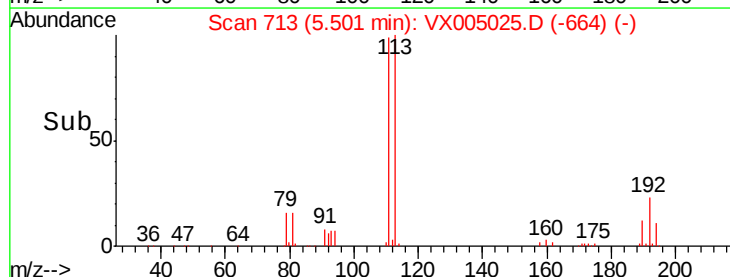
192 23.5 17.0 25.6

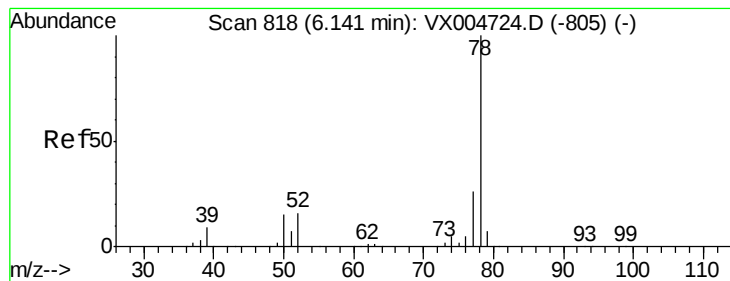


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 38.593 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

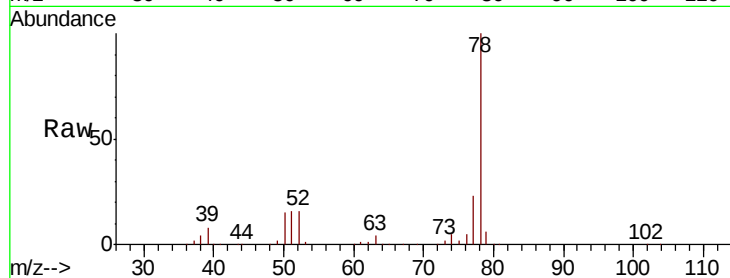
QNWP8-MW16S-GW

Tot Ion: 78 Resp: 532541

Ion Ratio Lower Upper

78 100

77 23.4 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

200000

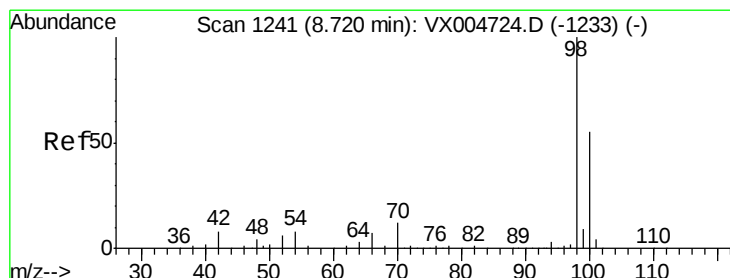
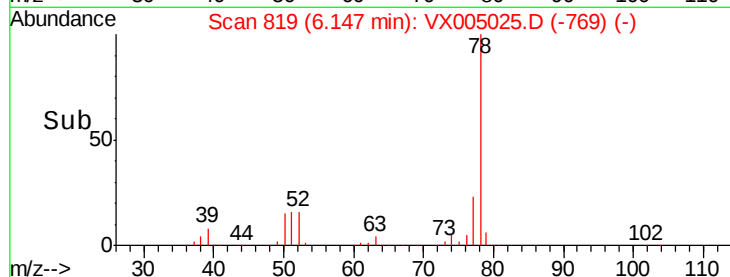
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 50.240 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005025.D

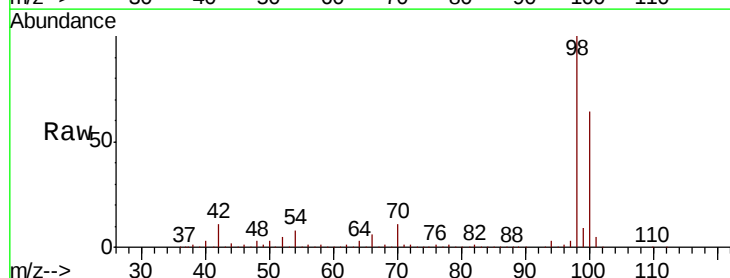
Acq: 04 Oct 2018 18:15

Tgt Ion: 98 Resp: 539577

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

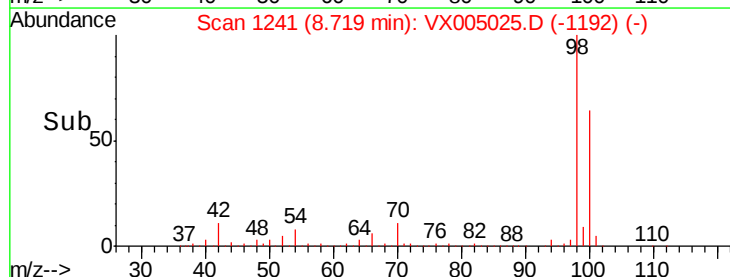
300000

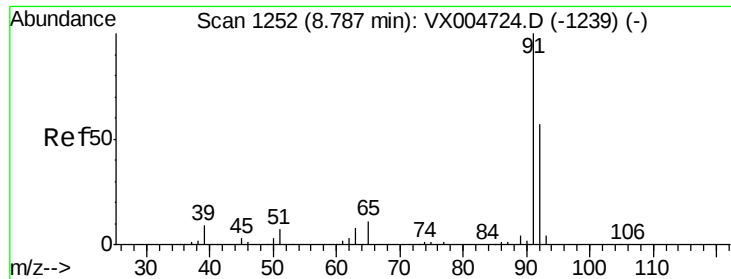
200000

100000

0

Time-->





#52

Toluene

Concen: 561.619 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

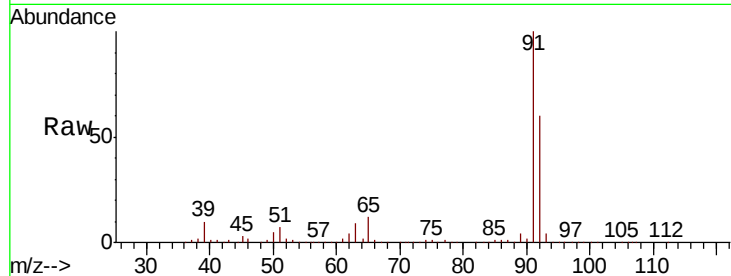
QNWP8-MW16S-GW

Tot Ion: 92 Resp: 4258403

Ion Ratio Lower Upper

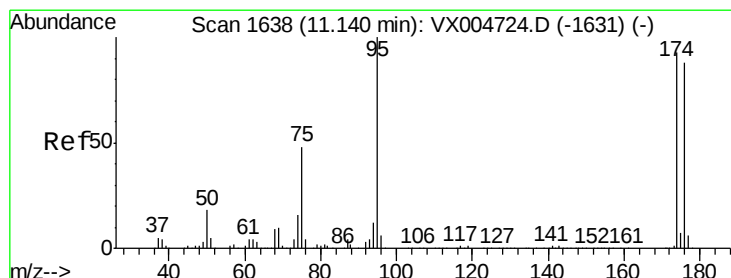
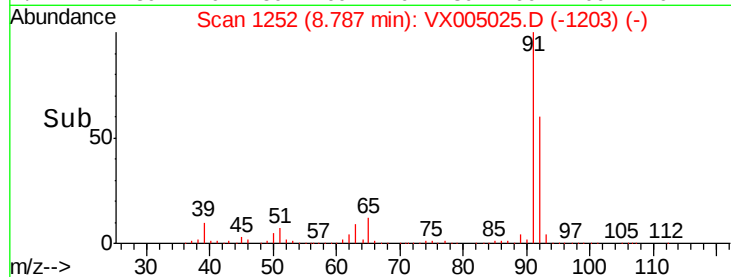
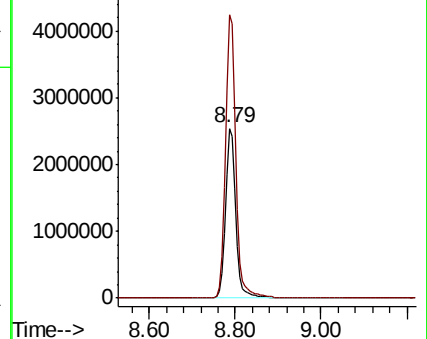
92 100

91 169.7 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 53.702 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

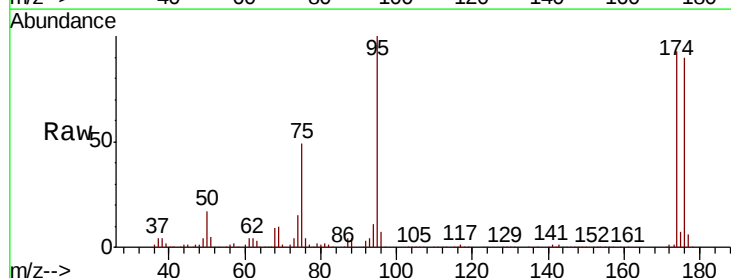
Tgt Ion: 95 Resp: 207779

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.0

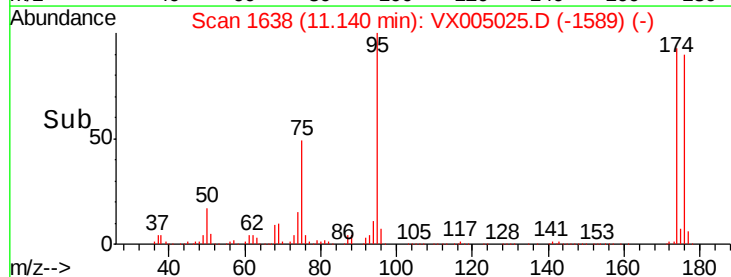
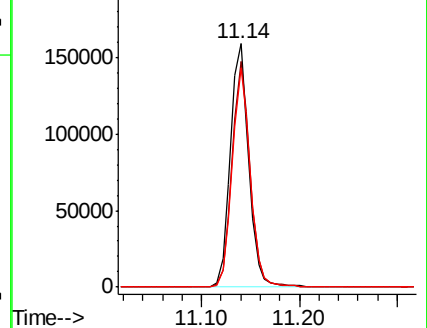
176 88.7 0.0 180.2

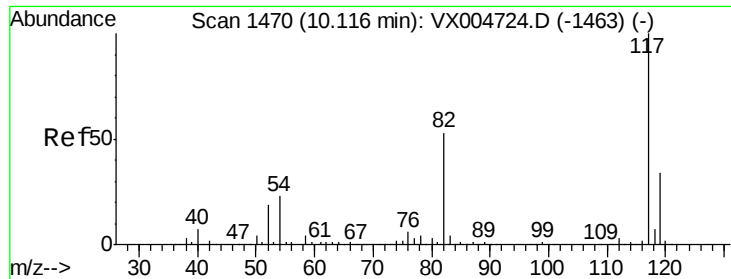


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

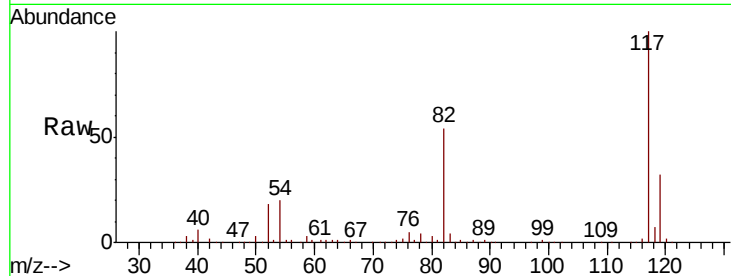




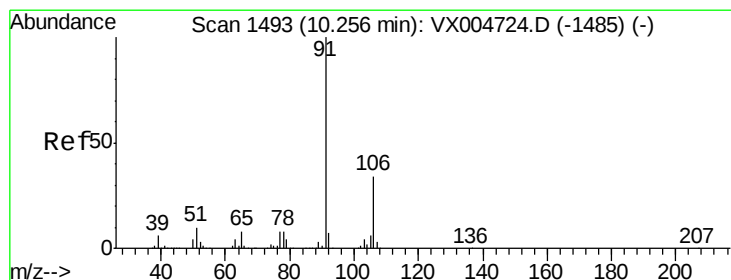
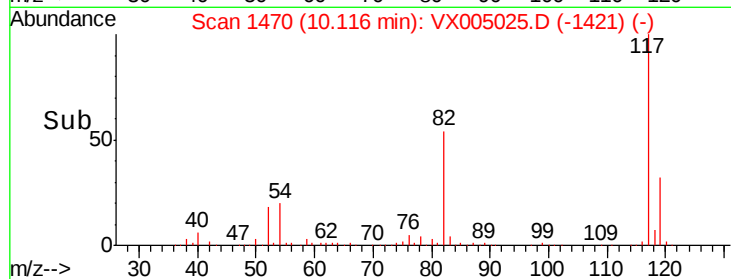
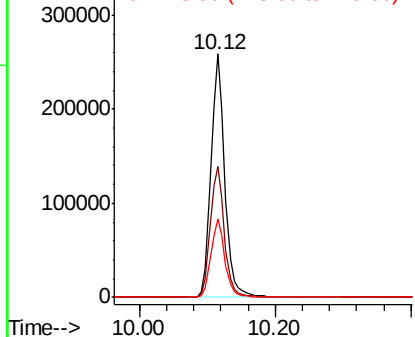
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW16S-GW

Tot Ion:117 Resp: 363530
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.4
119 32.1 27.4 41.0

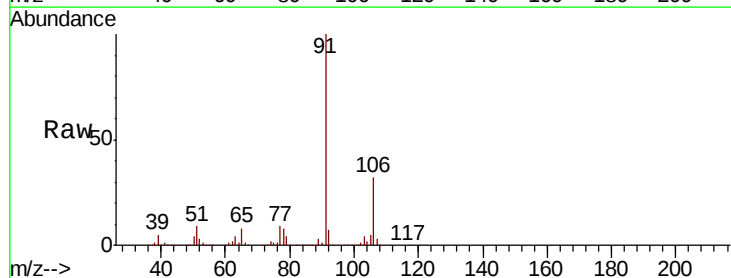


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

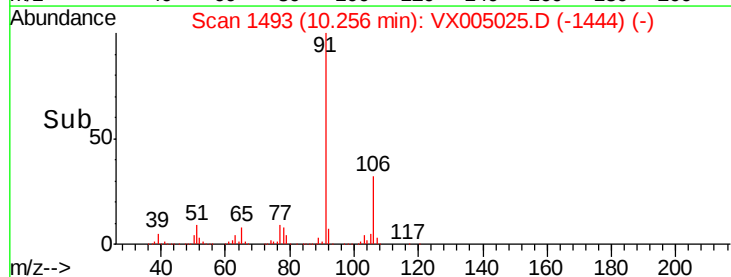
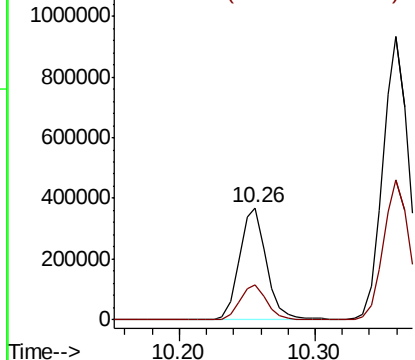


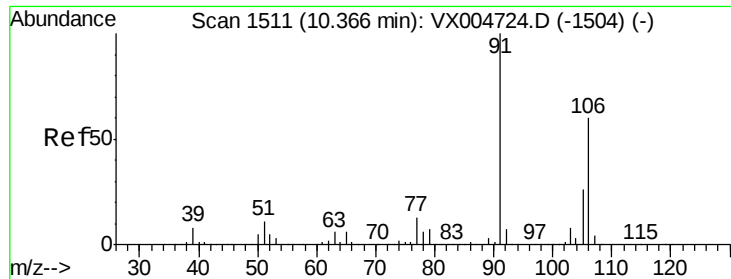
#67
Ethyl Benzene
Concen: 34.489 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion: 91 Resp: 510424
Ion Ratio Lower Upper
91 100
106 31.8 26.9 40.3



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

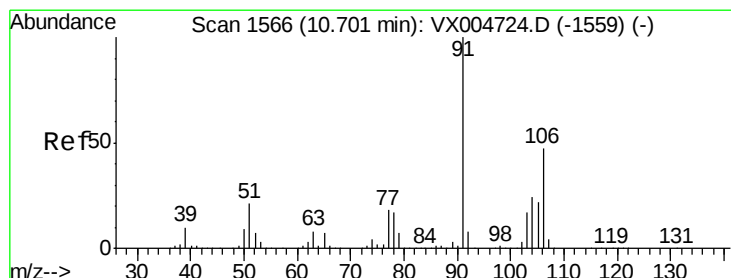
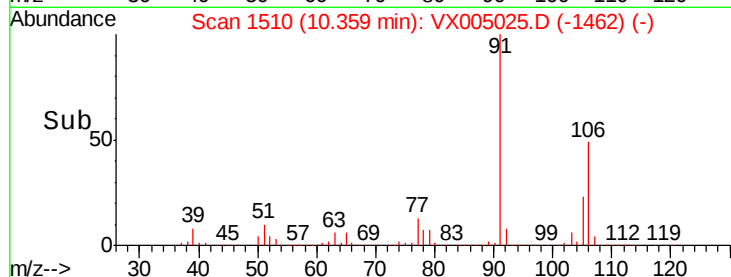
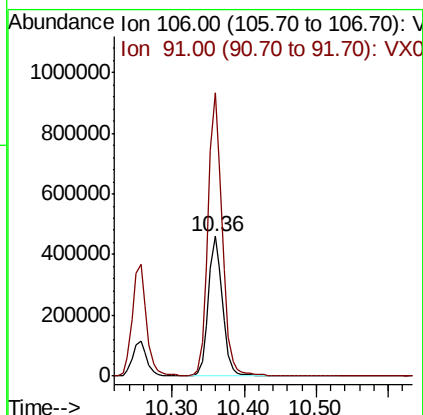
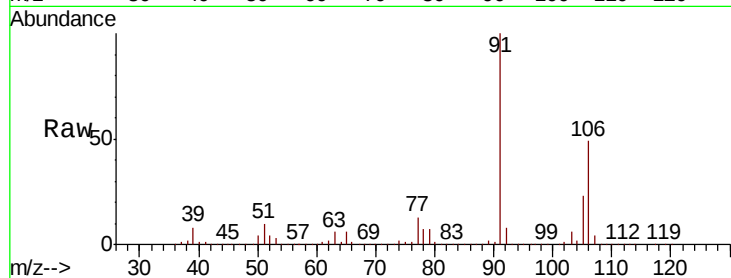




#68
m/p-Xvlenes
Concen: 108.942 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

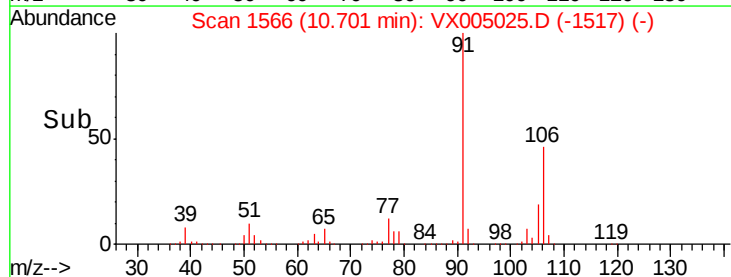
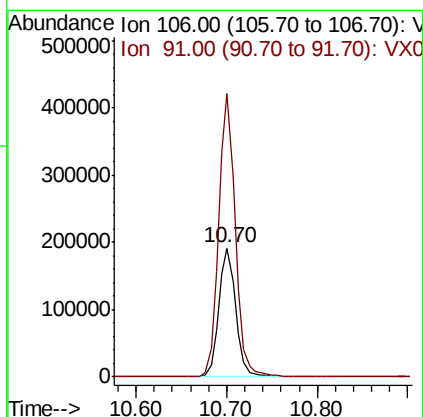
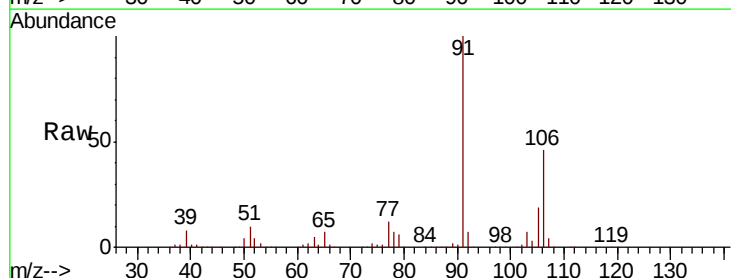
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW16S-GW

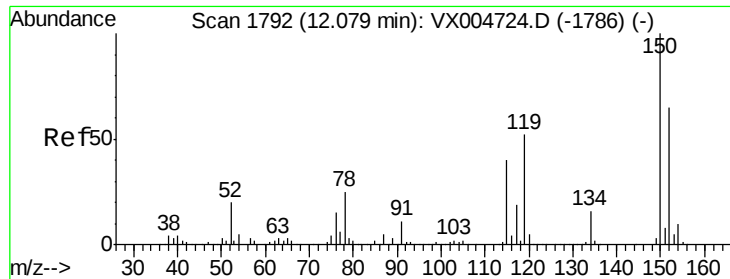
Tot Ion:106 Resp: 630045
Ion Ratio Lower Upper
106 100
91 202.8 157.5 236.3



#69
o-Xylene
Concen: 46.967 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion:106 Resp: 249488
Ion Ratio Lower Upper
106 100
91 216.5 108.3 324.8



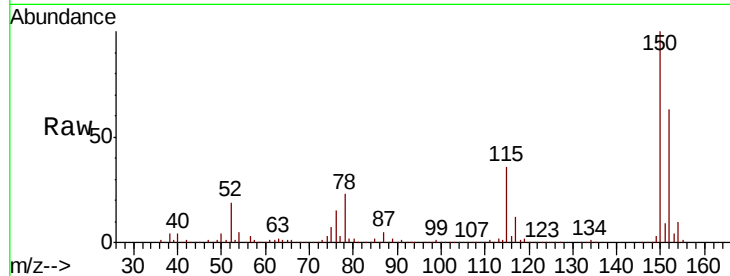


#72

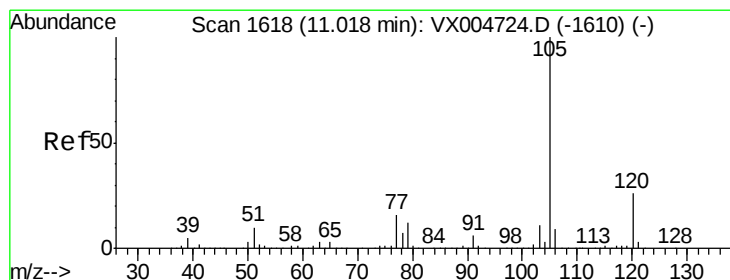
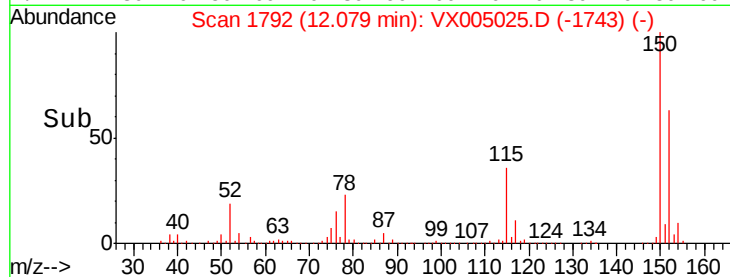
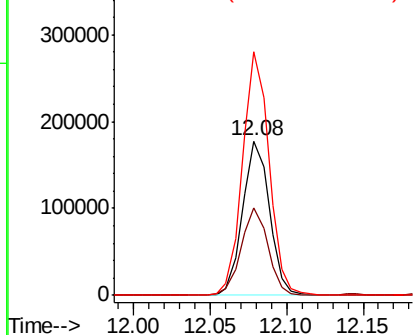
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW16S-GW

Tot Ion:152 Resp: 216613
Ion Ratio Lower Upper
152 100
115 56.1 40.2 120.6
150 155.9 0.0 351.0



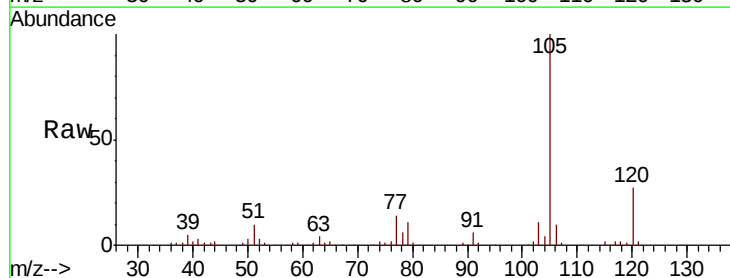
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



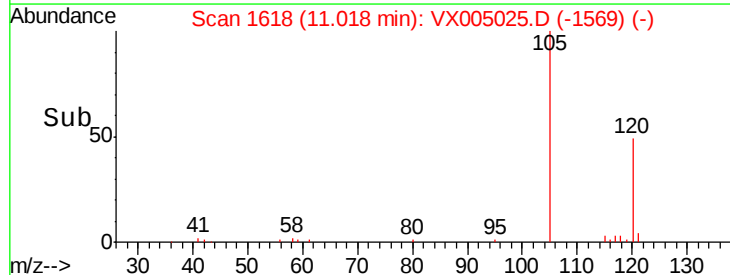
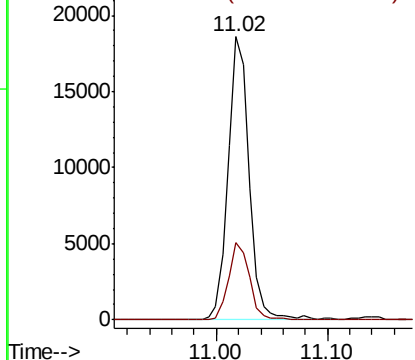
#73

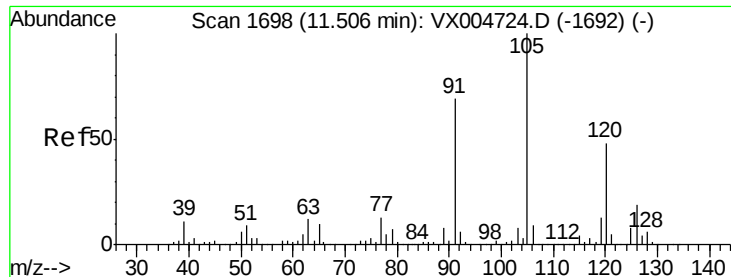
Isopropylbenzene
Concen: 1.785 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion:105 Resp: 24371
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

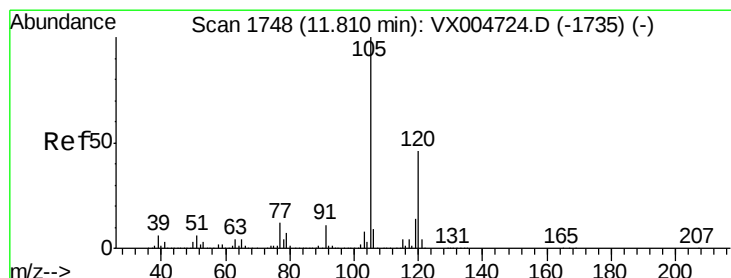
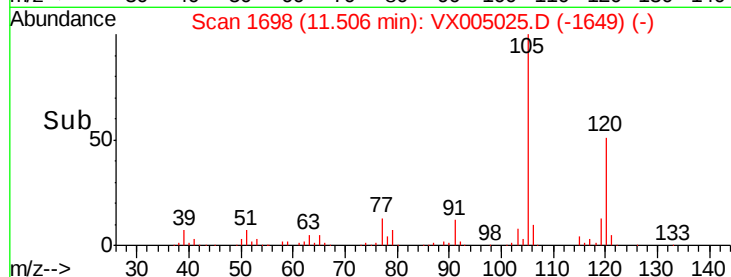
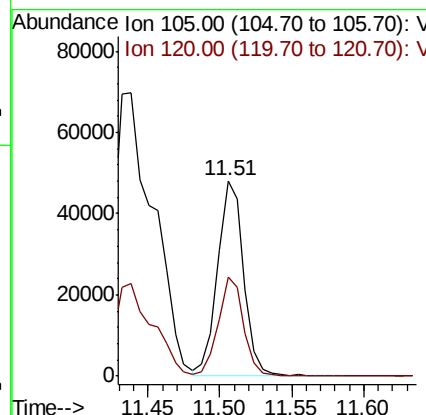
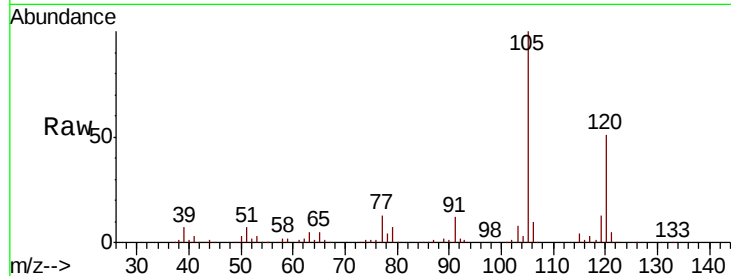




#80
 1,3,5-Trimethylbenzene
 Concen: 4.712 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

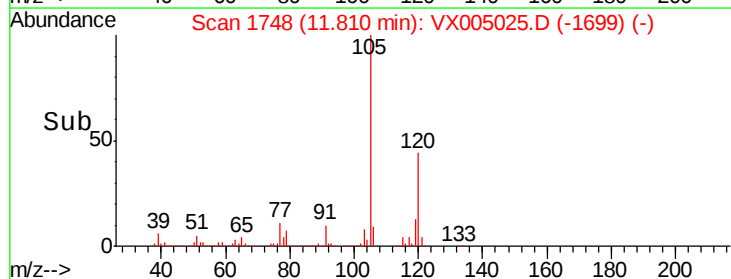
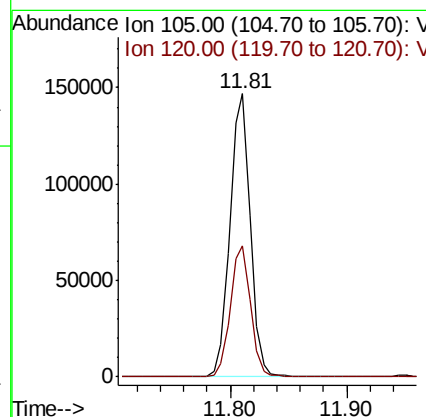
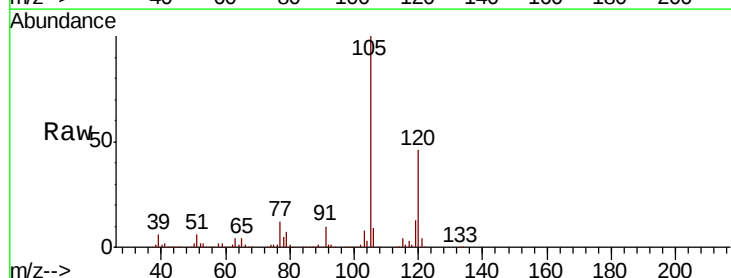
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW16S-GW

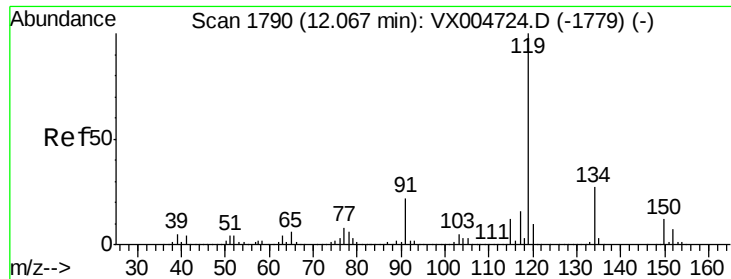
Tot Ion:105 Resp: 61206
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 13.571 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

Tgt Ion:105 Resp: 176995
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.8 68.3

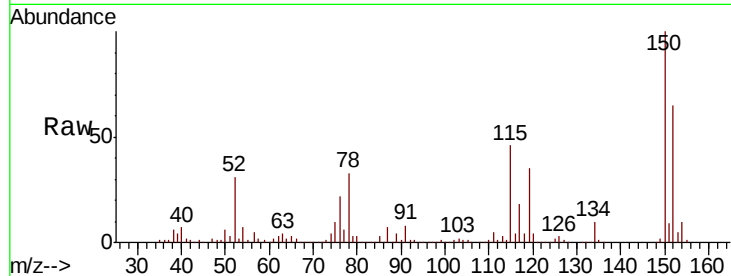




#86
p-Isopropyltoluene
Concen: 2.216 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW16S-GW

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.4	40.1
91	25.8	11.5	34.4

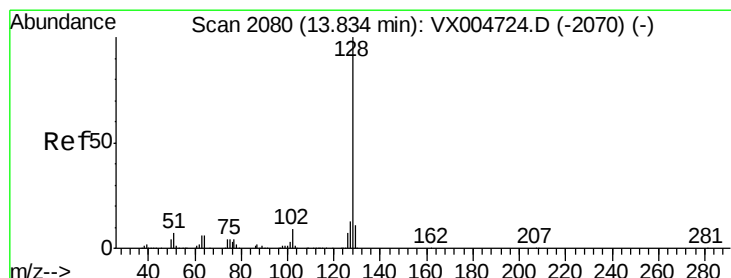
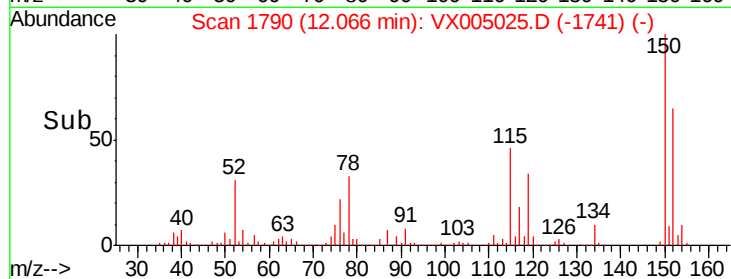
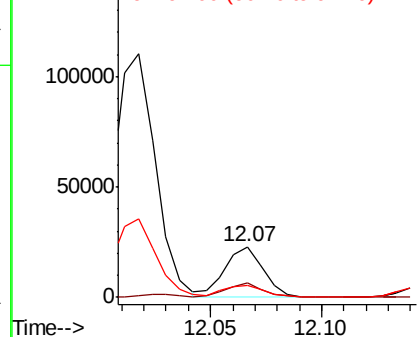


Abundance

Ion 119.00 (118.70 to 119.70): V

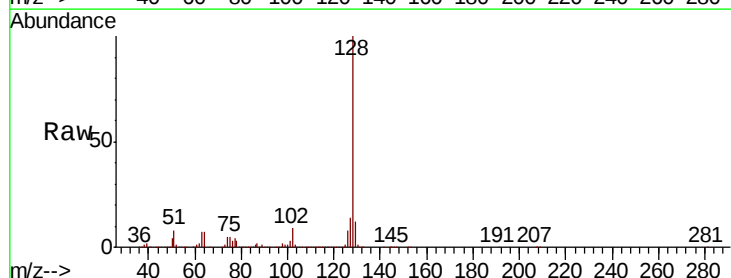
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 326.879 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.4	8.7	13.1



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

