

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004902.D
 Acq On : 02 Oct 2018 06:11
 Operator : JC/MD
 Sample : J5155-03 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

Quant Time: Oct 02 06:49:42 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	220802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219581	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	170369	54.01	ug/l	0.00
Spiked Amount			Recovery	=	108.02%	
35) Dibromofluoromethane	5.50	113	145492	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
50) Toluene-d8	8.72	98	535748	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.14	95	205981	54.17	ug/l	0.00
Spiked Amount			Recovery	=	108.34%	

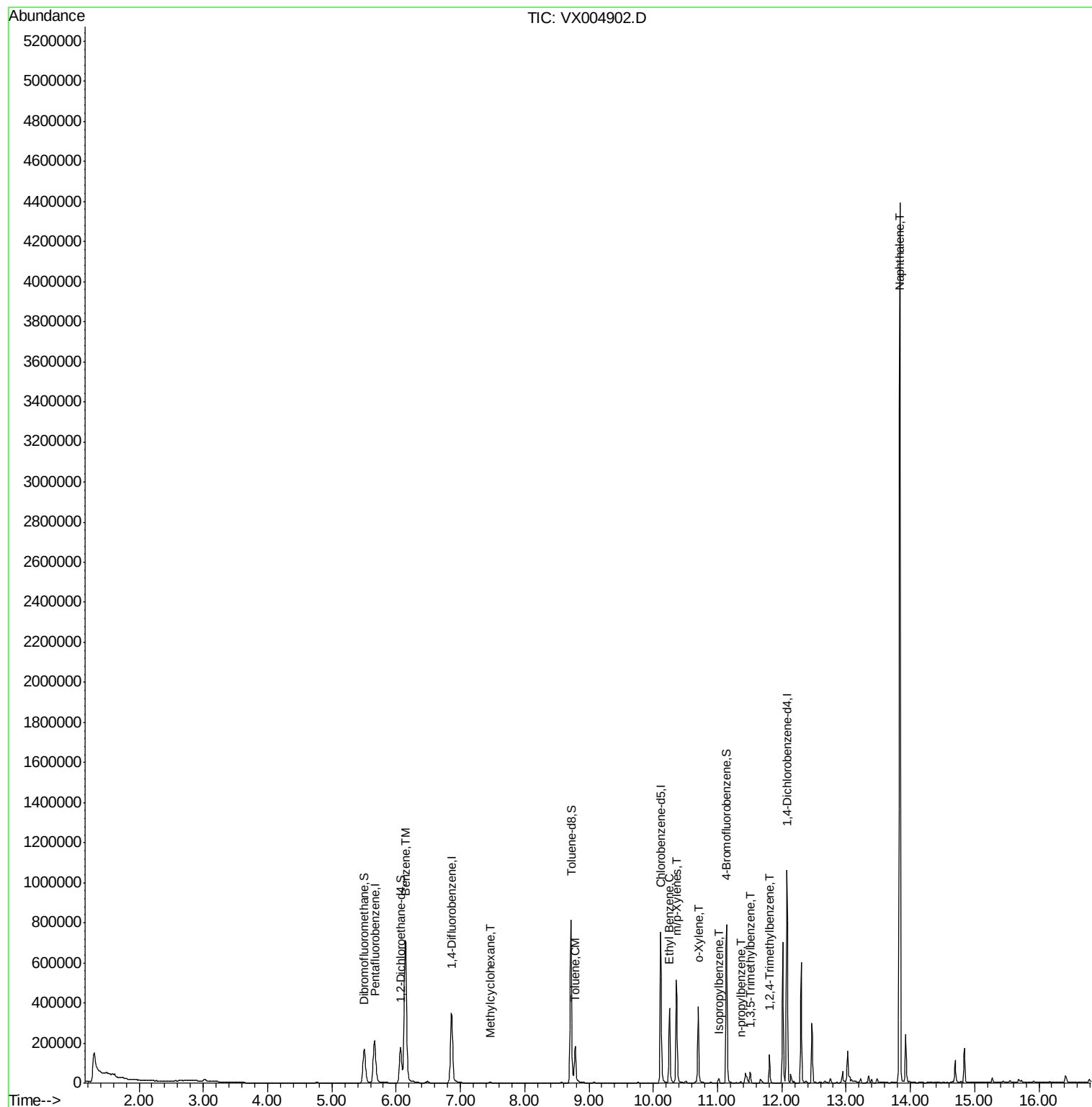
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	1437	0.325	ug/l	93
40) Benzene	6.14	78	878236	64.755	ug/l	100
52) Toluene	8.79	92	69237	9.291	ug/l	97
67) Ethyl Benzene	10.26	91	230790	15.633	ug/l	98
68) m/p-Xylenes	10.36	106	122975	21.316	ug/l	95
69) o-Xylene	10.70	106	83201	15.702	ug/l	94
73) Isopropylbenzene	11.02	105	11034	0.797	ug/l	97
78) n-propylbenzene	11.36	91	4984	0.314	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	22260	1.563	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	62806	4.621	ug/l	99
95) Naphthalene	13.83	128	2581332	140.014	ug/l	99

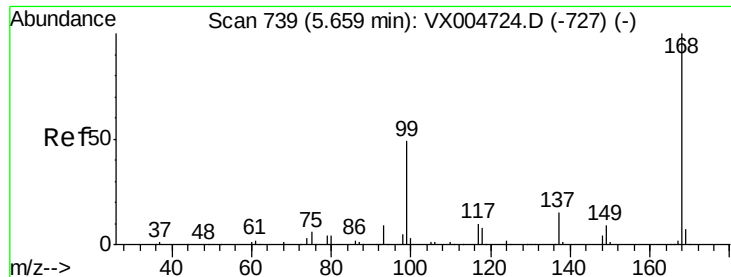
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX004902.D

Acq: 02 Oct 2018 06:11

Instrument :

MSVOA_X

ClientSampleId :

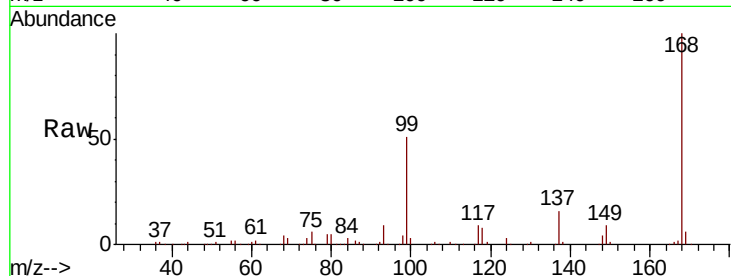
QNWP8-MW26S-GW

Tot Ion:168 Resp: 220802

Ion Ratio Lower Upper

168 100

99 50.6 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

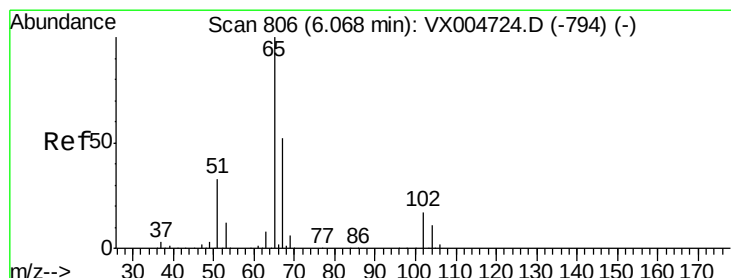
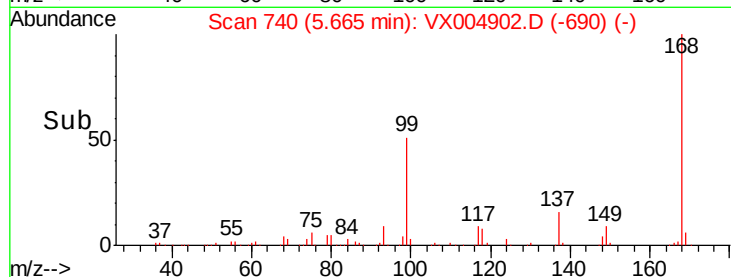
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.014 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004902.D

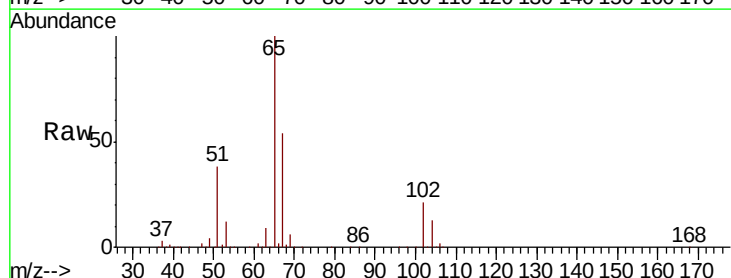
Acq: 02 Oct 2018 06:11

Tgt Ion: 65 Resp: 170369

Ion Ratio Lower Upper

65 100

67 53.6 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

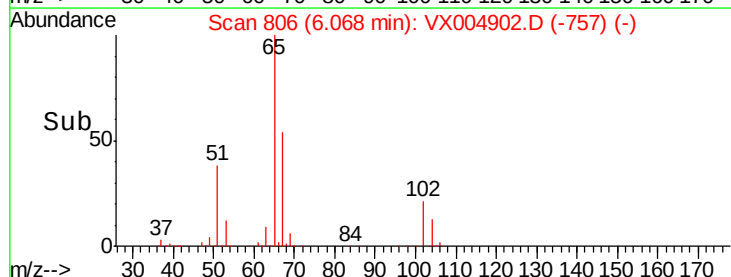
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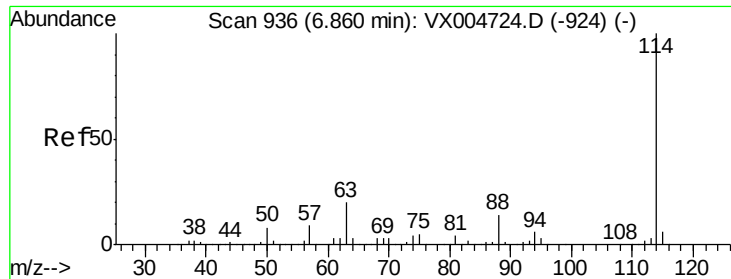
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

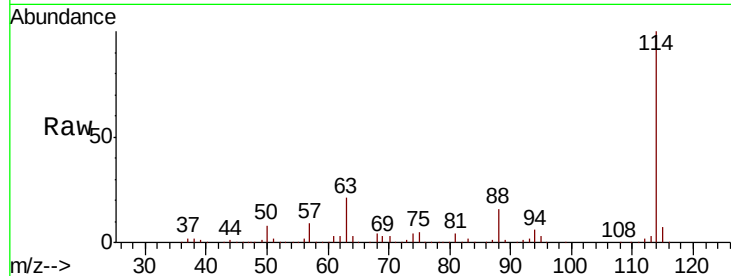




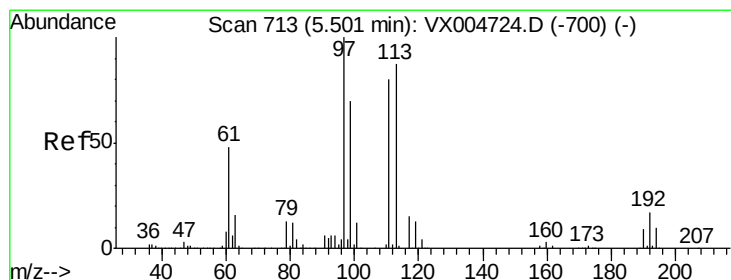
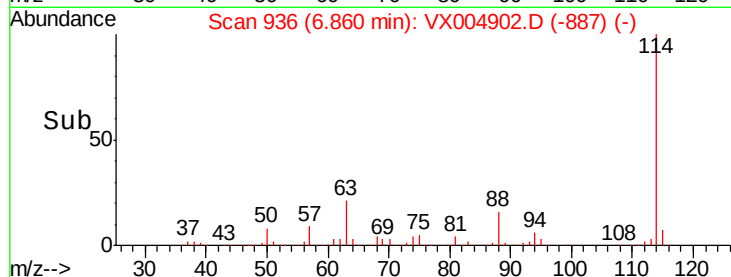
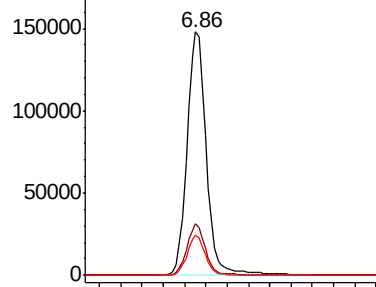
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004902.D
 Acq: 02 Oct 2018 06:11

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

Tot Ion:114 Resp: 374642
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.0
 88 16.4 0.0 30.4

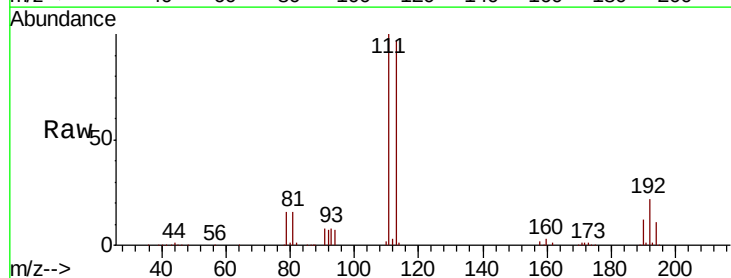


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

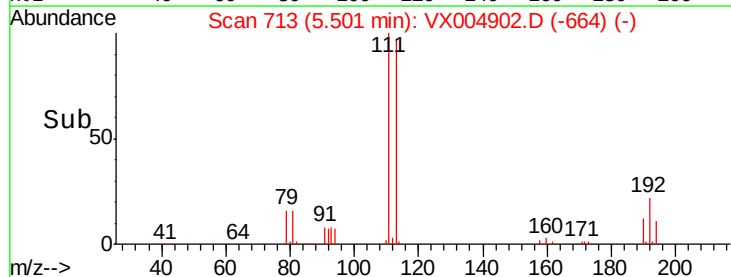
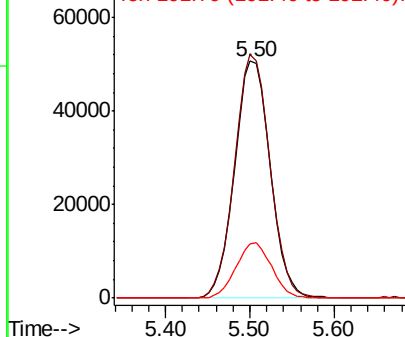


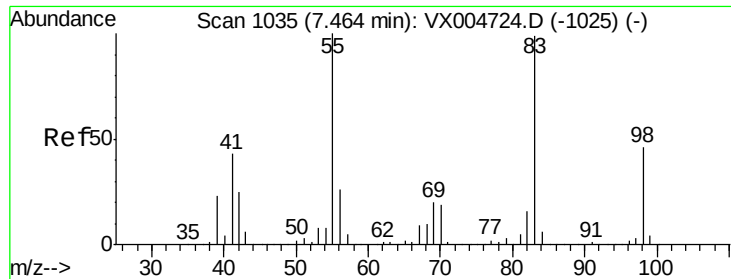
#35
 Dibromofluoromethane
 Concen: 45.822 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004902.D
 Acq: 02 Oct 2018 06:11

Tgt Ion:113 Resp: 145492
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.4 123.6
 192 23.4 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

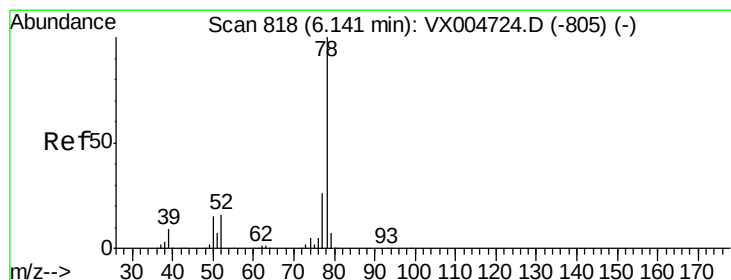
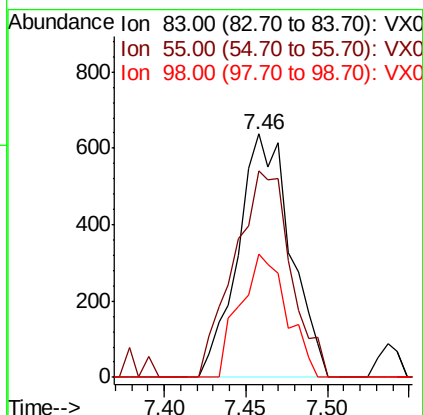
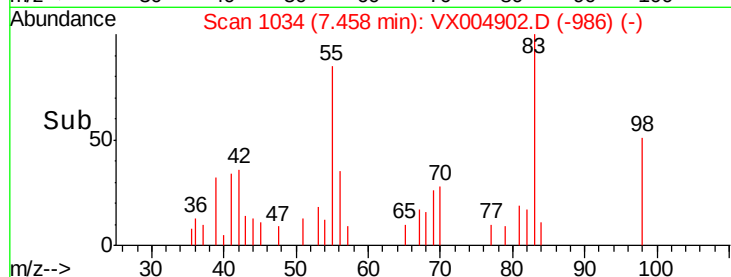
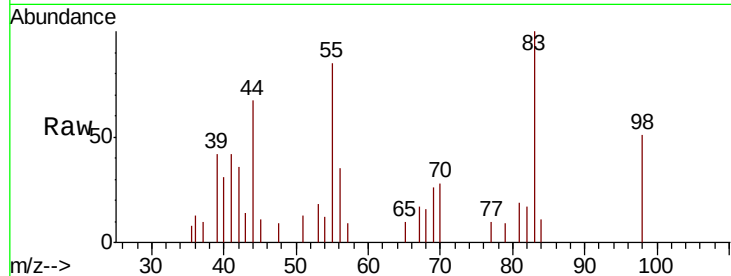




#39
Methylvlcyclohexane
Concen: 0.325 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004902.D
Acq: 02 Oct 2018 06:11

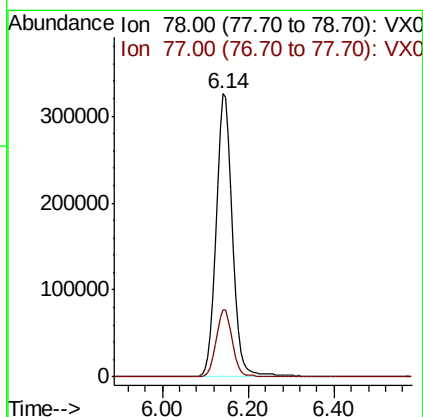
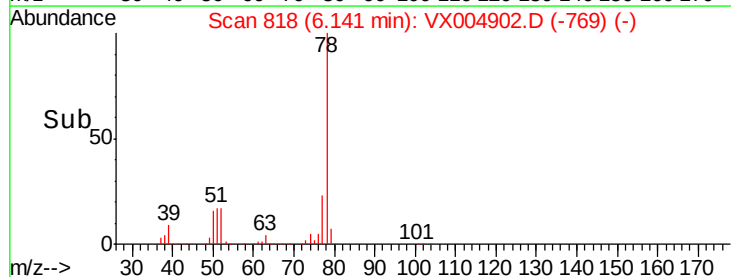
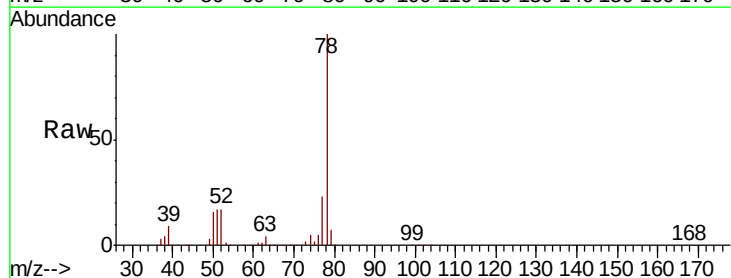
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

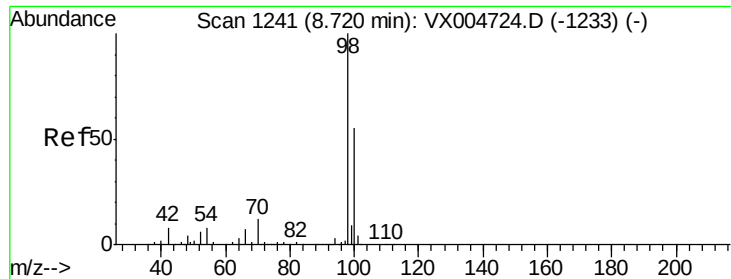
Tot Ion: 83 Resp: 1437
Ion Ratio Lower Upper
83 100
55 84.6 61.0 91.4
98 50.6 39.6 59.4



#40
Benzene
Concen: 64.755 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004902.D
Acq: 02 Oct 2018 06:11

Tgt Ion: 78 Resp: 878236
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

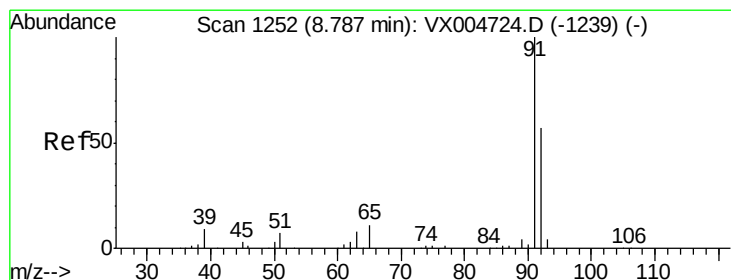
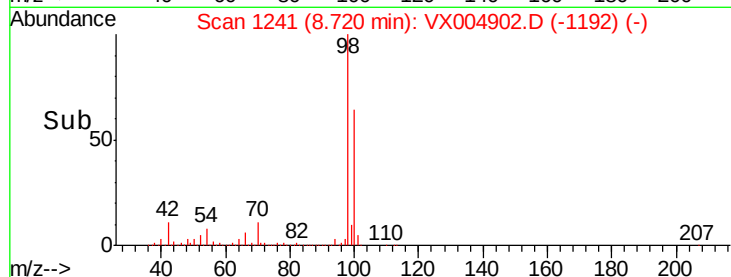
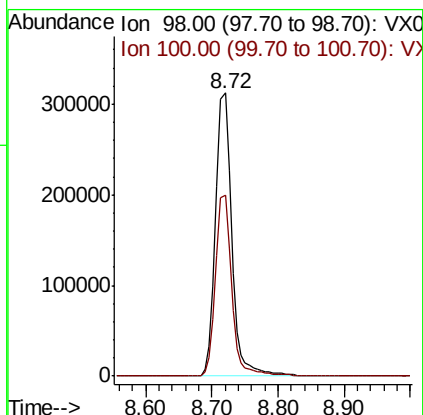
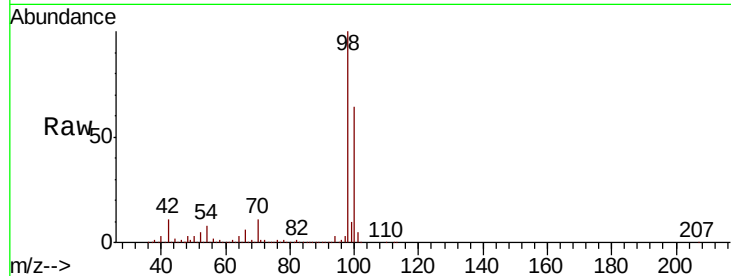




#50
Toluene-d8
Concen: 50.754 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004902.D
Acq: 02 Oct 2018 06:11

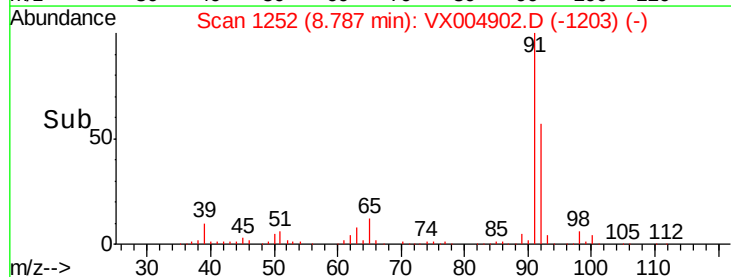
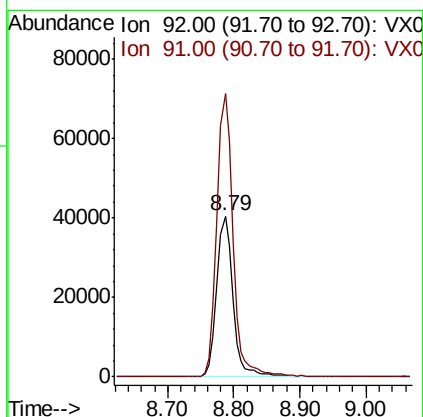
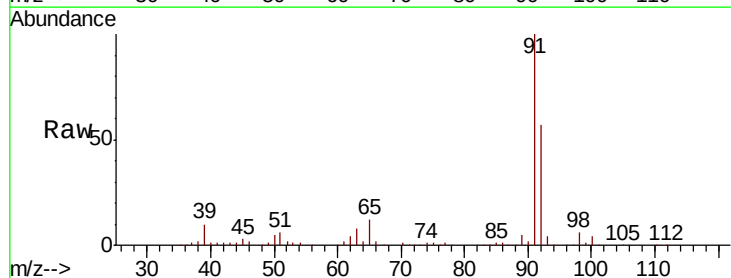
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

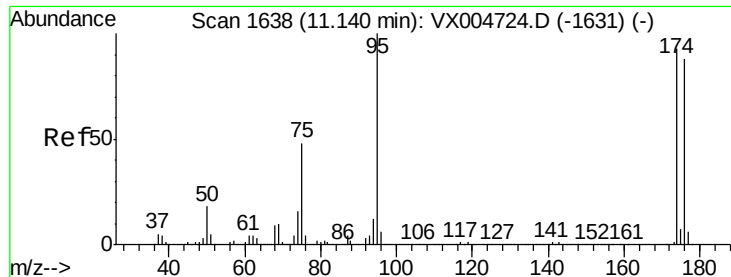
Tot Ion: 98 Resp: 535748
Ion Ratio Lower Upper
98 100
100 63.6 52.9 79.3



#52
Toluene
Concen: 9.291 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004902.D
Acq: 02 Oct 2018 06:11

Tgt Ion: 92 Resp: 69237
Ion Ratio Lower Upper
92 100
91 175.1 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 54.166 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004902.D

Acq: 02 Oct 2018 06:11

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW26S-GW

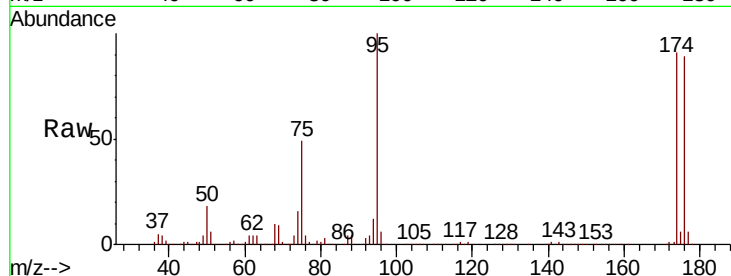
Tot Ion: 95 Resp: 205981

Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.2

176 88.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)

11.14

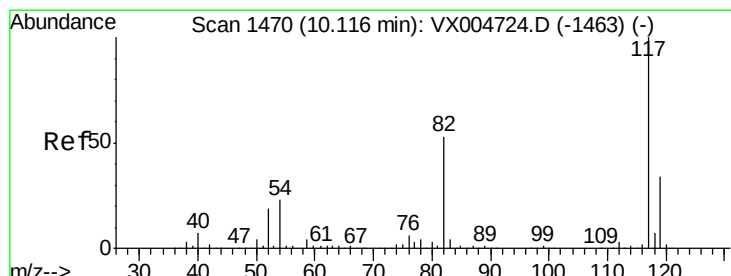
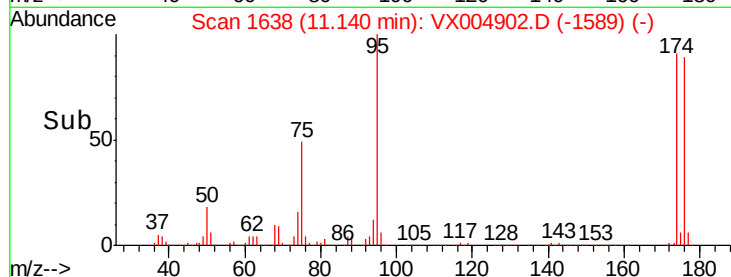
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004902.D

Acq: 02 Oct 2018 06:11

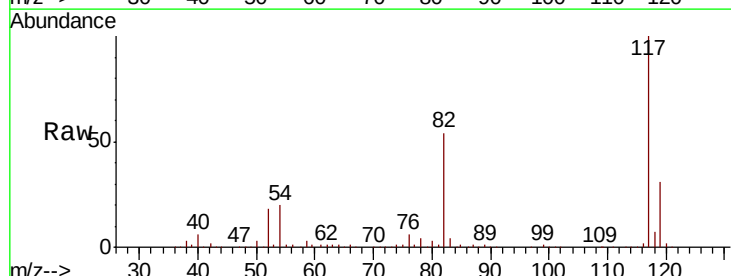
Tgt Ion: 117 Resp: 362637

Ion Ratio Lower Upper

117 100

82 53.5 47.8 71.6

119 31.2 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

10.12

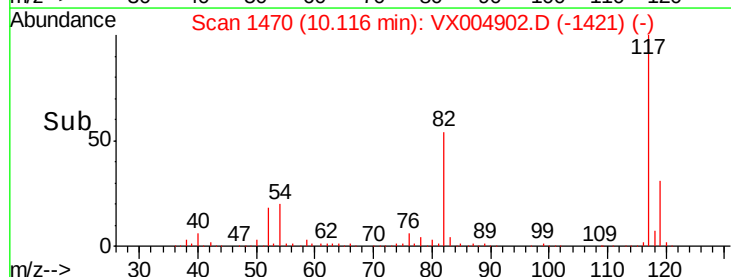
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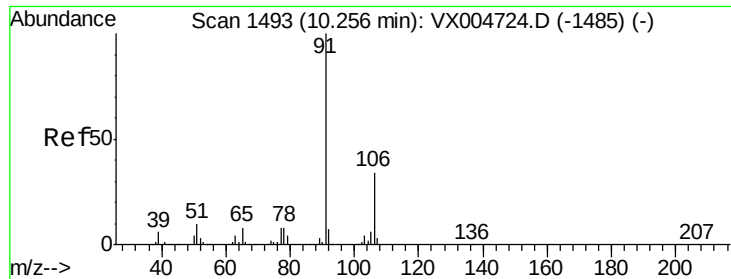
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 15.633 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004902.D

Acq: 02 Oct 2018 06:11

Instrument :

MSVOA_X

ClientSampleId :

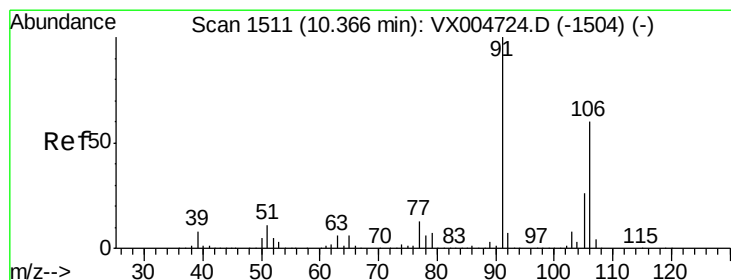
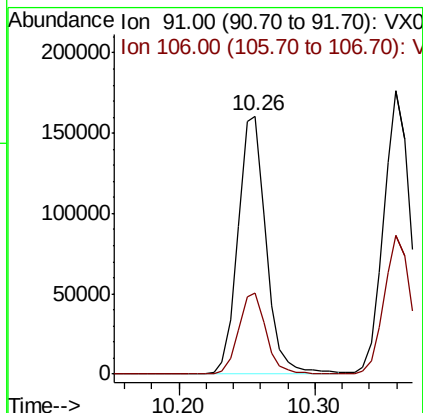
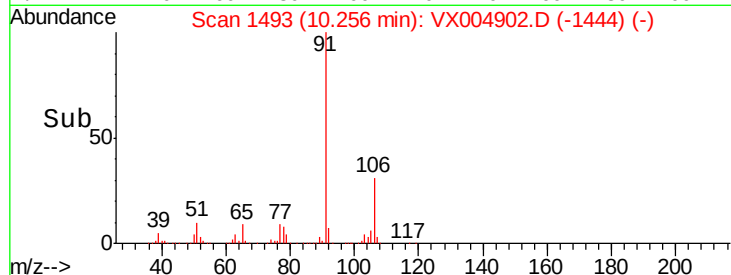
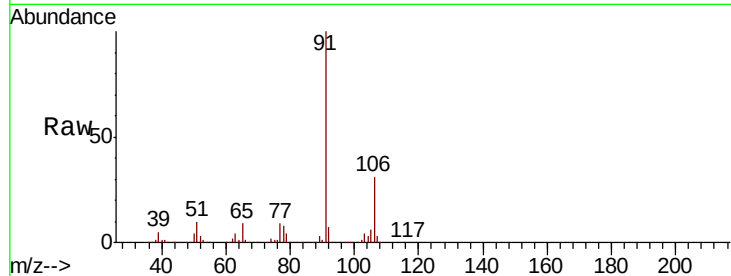
QNWP8-MW26S-GW

Tot Ion: 91 Resp: 230790

Ion Ratio Lower Upper

91 100

106 31.4 25.9 38.9



#68

m/p-Xylenes

Concen: 21.316 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004902.D

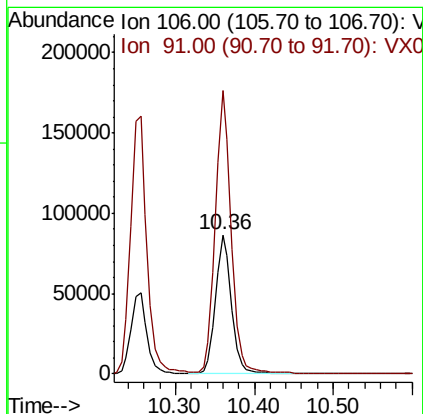
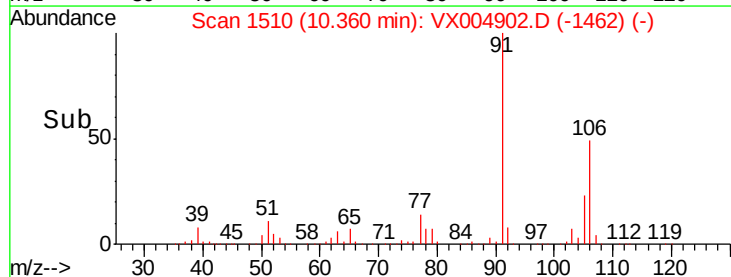
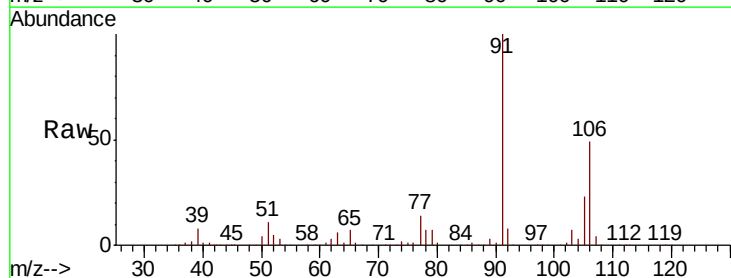
Acq: 02 Oct 2018 06:11

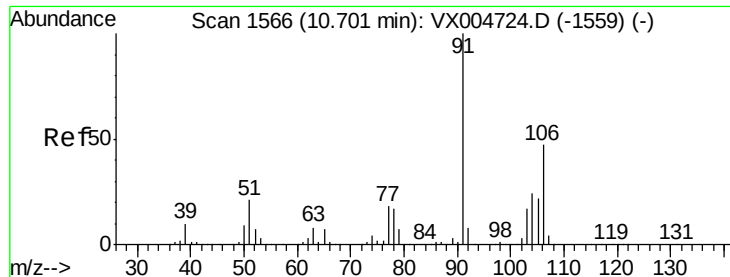
Tgt Ion: 106 Resp: 122975

Ion Ratio Lower Upper

106 100

91 203.5 157.1 235.7

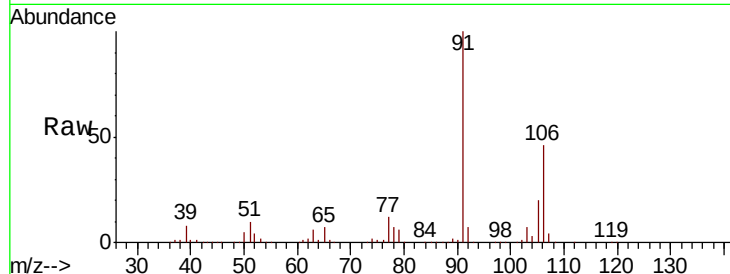




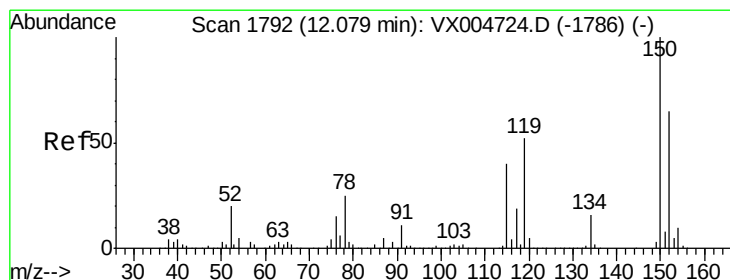
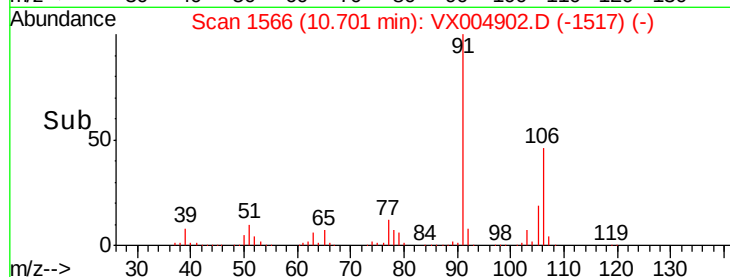
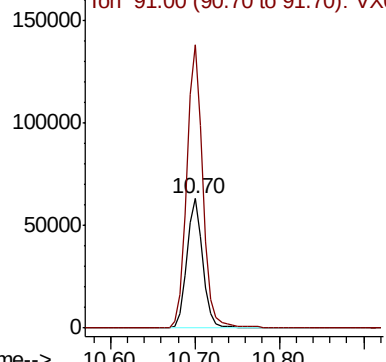
#69
o-Xylene
Concen: 15.702 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004902.D
Acq: 02 Oct 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion:106 Resp: 83201
Ion Ratio Lower Upper
106 100
91 219.5 105.1 315.1

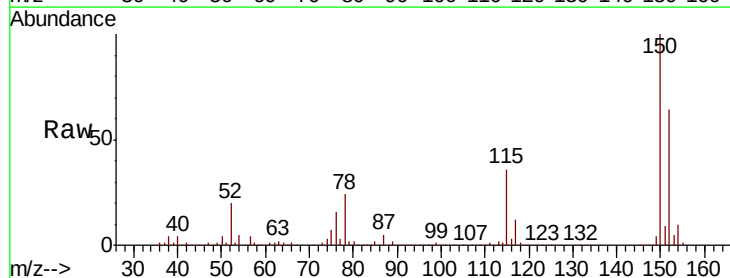


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

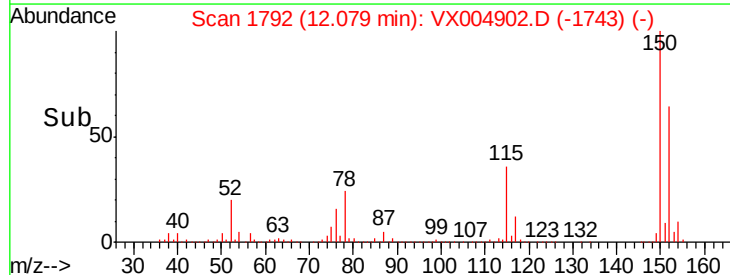
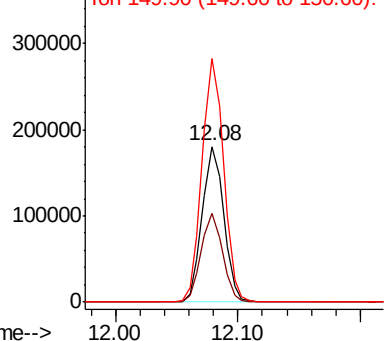


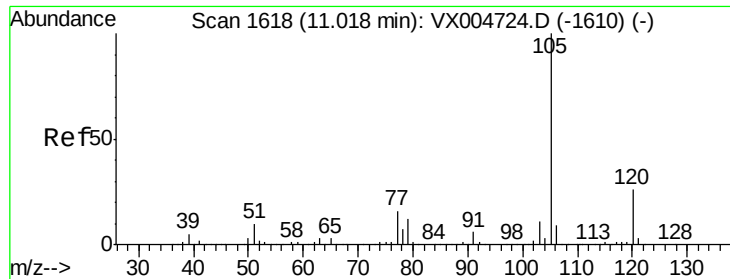
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004902.D
Acq: 02 Oct 2018 06:11

Tgt Ion:152 Resp: 219581
Ion Ratio Lower Upper
152 100
115 56.4 39.0 117.0
150 157.0 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: 0.797 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004902.D

Acq: 02 Oct 2018 06:11

Instrument :

MSVOA_X

ClientSampleId :

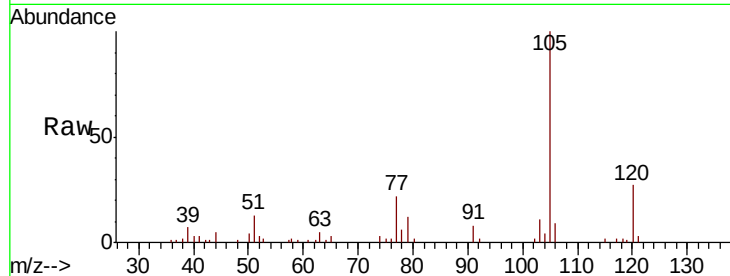
QNWP8-MW26S-GW

Tot Ion:105 Resp: 11034

Ion Ratio Lower Upper

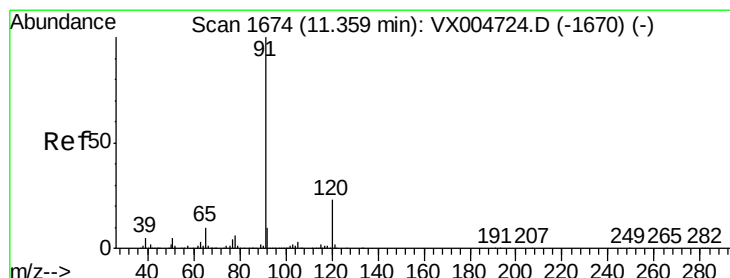
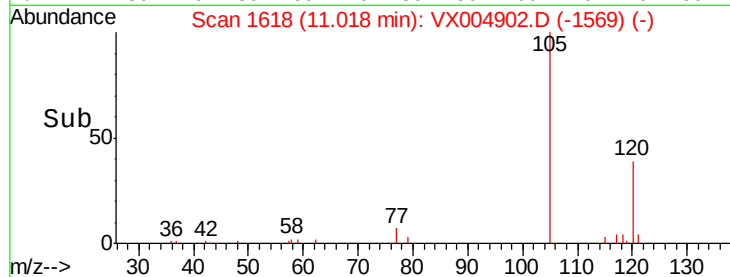
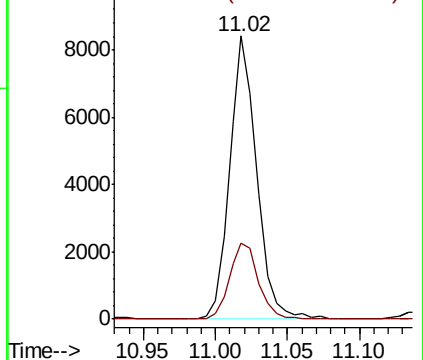
105 100

120 28.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.314 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004902.D

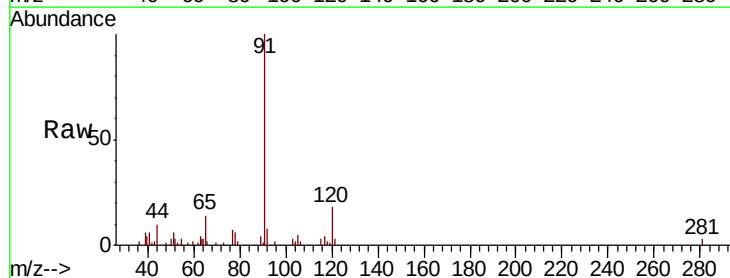
Acq: 02 Oct 2018 06:11

Tgt Ion: 91 Resp: 4984

Ion Ratio Lower Upper

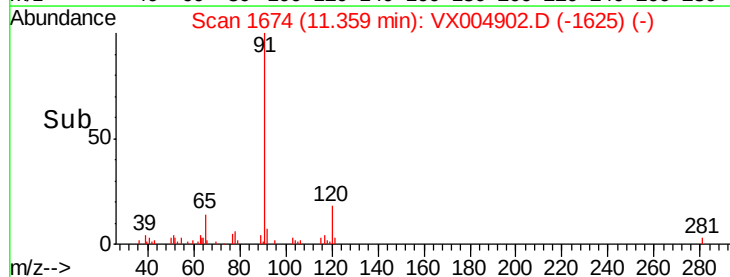
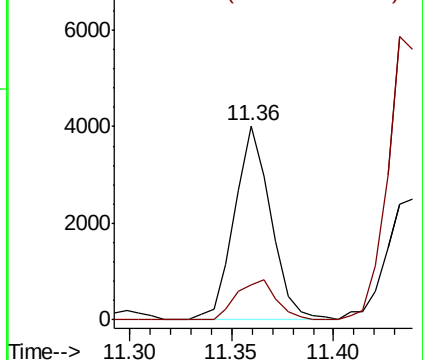
91 100

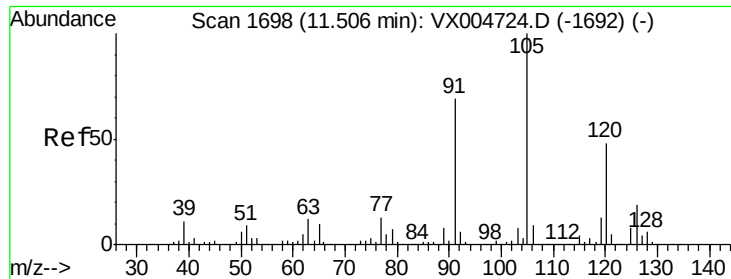
120 22.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

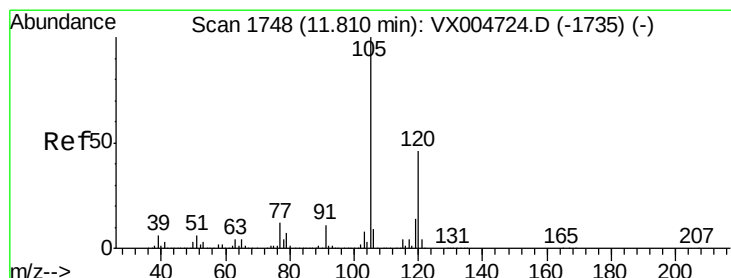
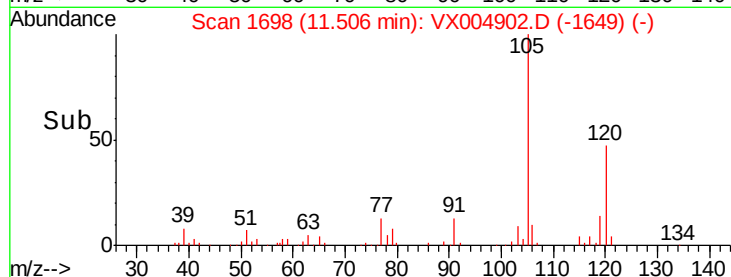
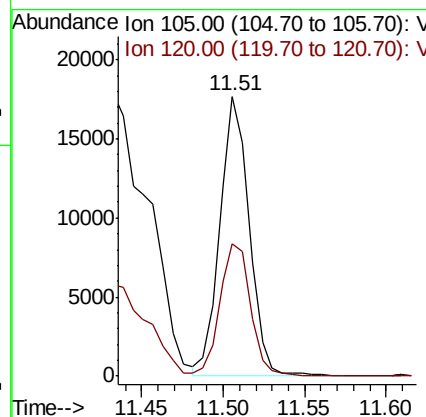
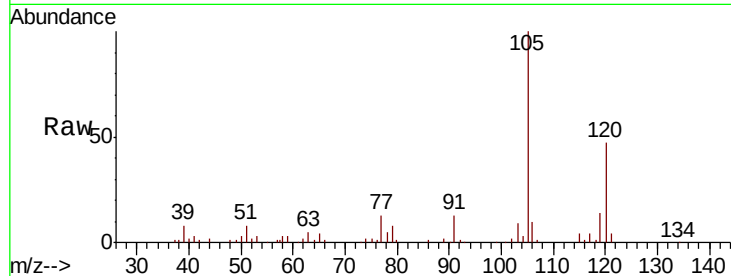




#80
 1,3,5-Trimethylbenzene
 Concen: 1.563 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004902.D
 Acq: 02 Oct 2018 06:11

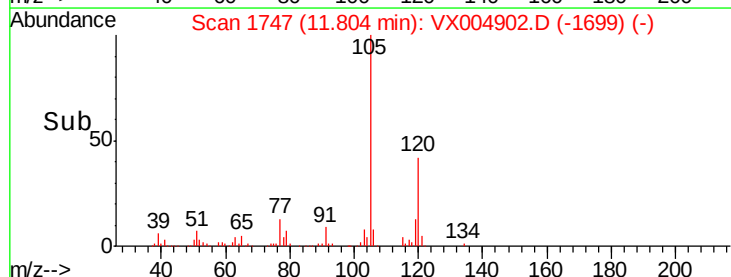
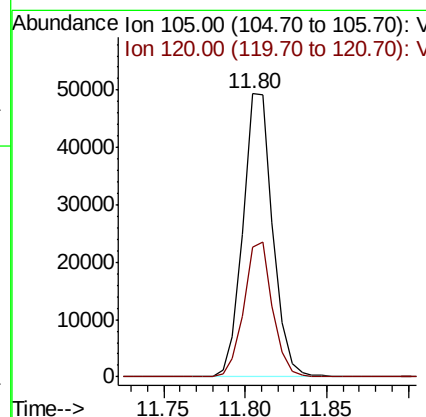
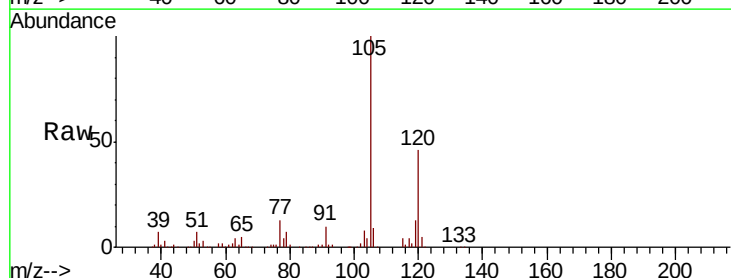
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

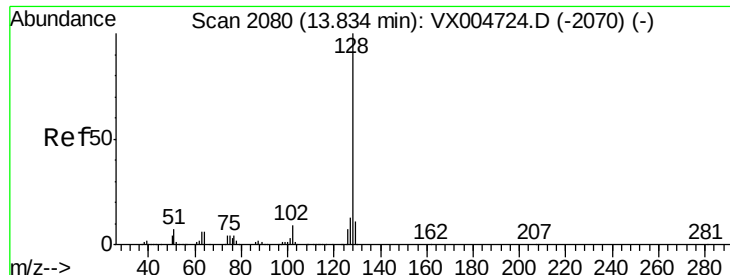
Tot Ion:105 Resp: 22260
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.621 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX004902.D
 Acq: 02 Oct 2018 06:11

Tgt Ion:105 Resp: 62806
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#95
Naphthalene
Concen: 140.014 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004902.D
Acq: 02 Oct 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion:128 Resp: 2581332
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.6 12.8

