

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002991.D
 Acq On : 28 Jun 2018 17:54
 Operator : JC/MD
 Sample : J3711-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-27S-GW

Quant Time: Jun 29 09:39:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193620	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	172502	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
35) Dibromofluoromethane	5.51	113	140429	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
50) Toluene-d8	8.72	98	510195	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	11.14	95	184309	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	

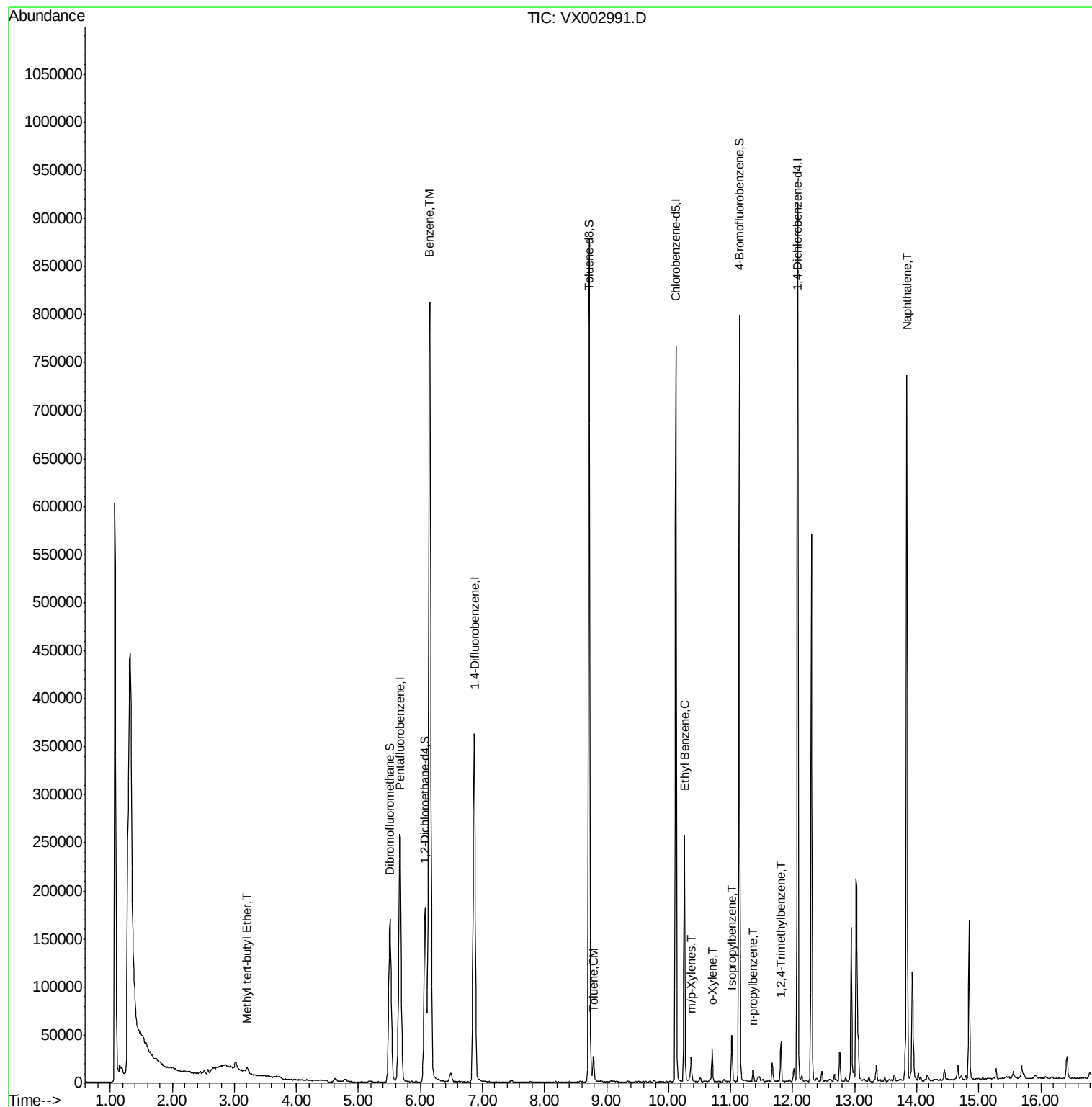
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) Methyl tert-butyl Ether	3.21	73	6153	0.67	ug/l	96
40) Benzene	6.15	78	950477	81.17	ug/l	100
52) Toluene	8.79	92	8711	1.16	ug/l	98
67) Ethyl Benzene	10.26	91	141034	9.97	ug/l	99
68) m/p-Xylenes	10.36	106	6002	1.10	ug/l	95
69) o-Xylene	10.70	106	7062	1.33	ug/l	99
73) Isopropylbenzene	11.02	105	24357	1.87	ug/l	100
78) n-propylbenzene	11.37	91	6983	0.47	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	17100	1.50	ug/l	96
95) Naphthalene	13.84	128	451469	34.06	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002991.D

Acq: 28 Jun 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

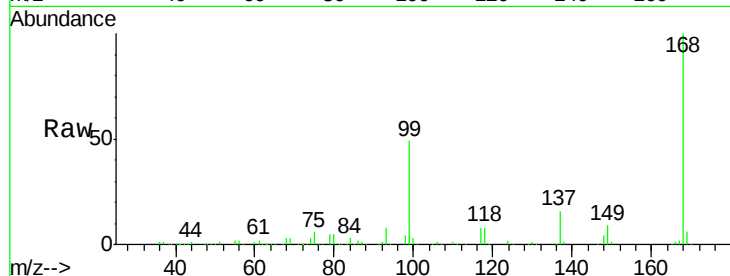
QNWP8-27S-GW

Tot Ion:168 Resp: 260466

Ion Ratio Lower Upper

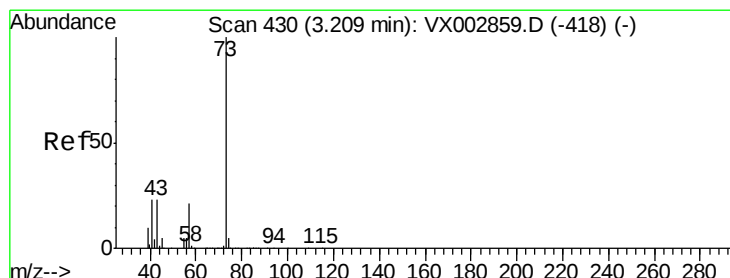
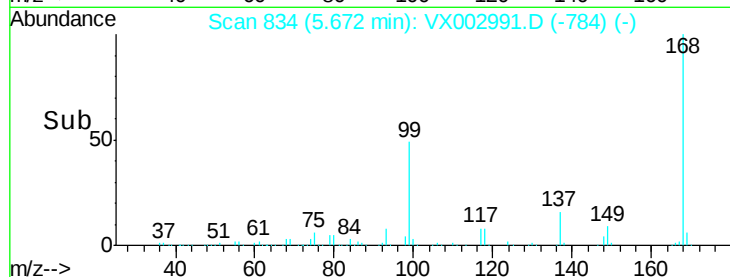
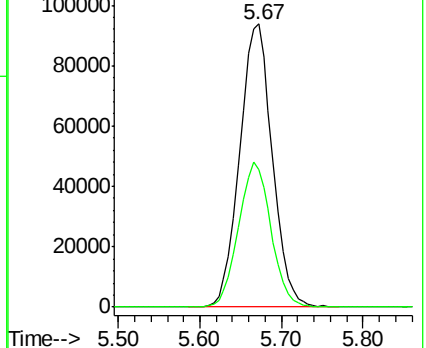
168 100

99 48.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 0.67 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX002991.D

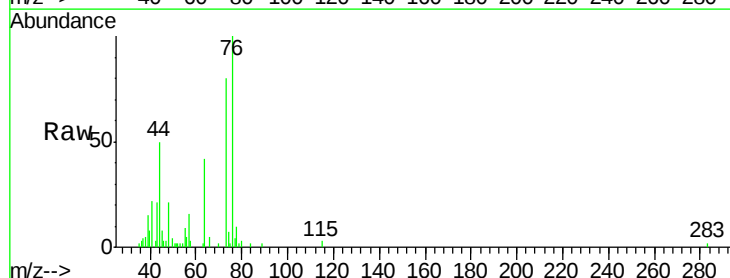
Acq: 28 Jun 2018 17:54

Tgt Ion: 73 Resp: 6153

Ion Ratio Lower Upper

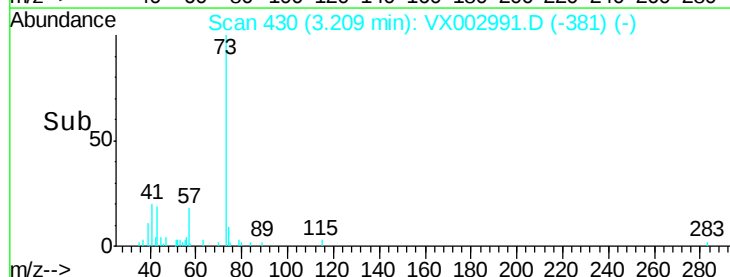
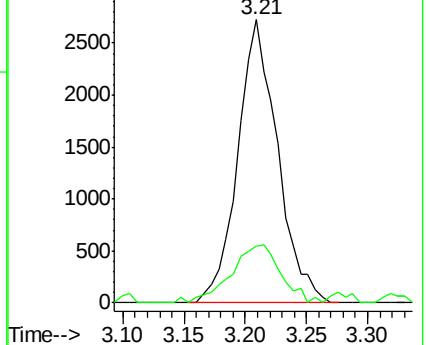
73 100

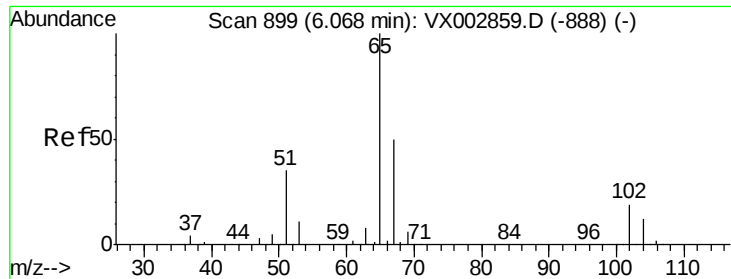
57 20.2 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.92 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002991.D

Acq: 28 Jun 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

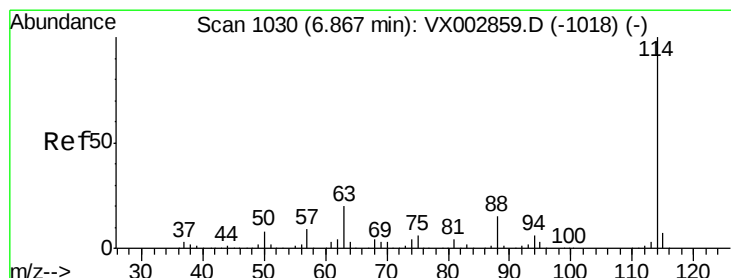
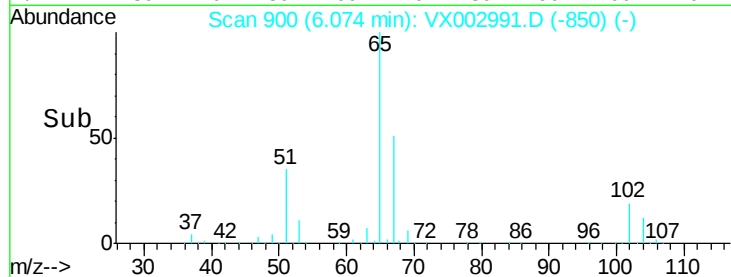
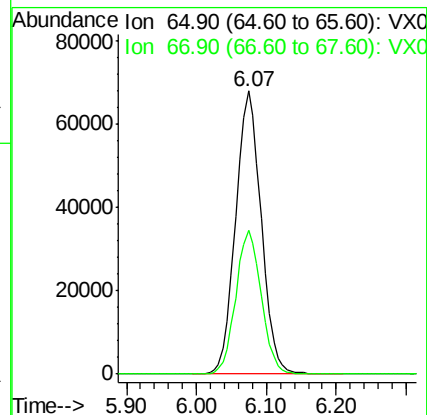
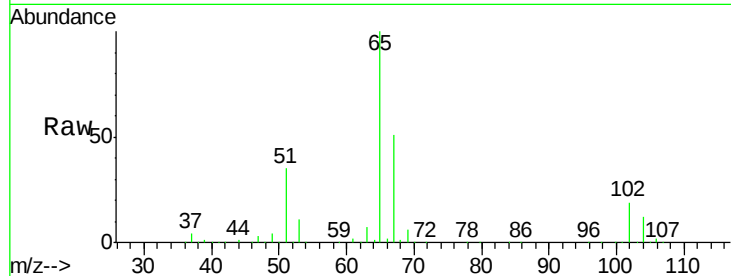
QNWP8-27S-GW

Tot Ion: 65 Resp: 172502

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002991.D

Acq: 28 Jun 2018 17:54

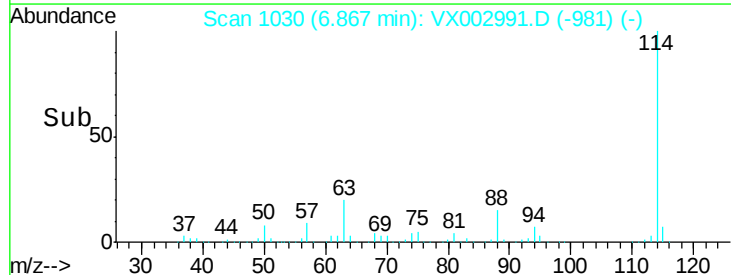
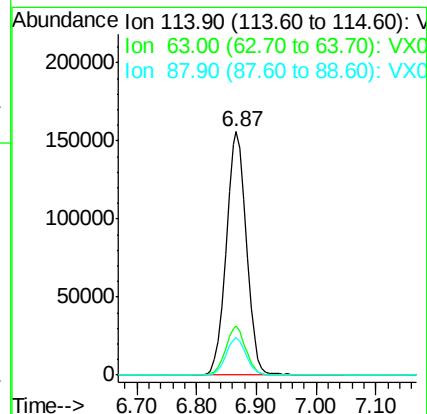
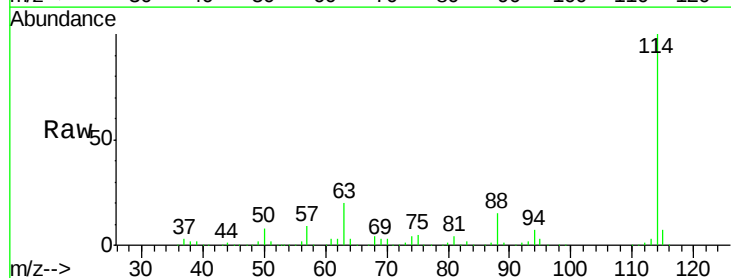
Tgt Ion: 114 Resp: 367491

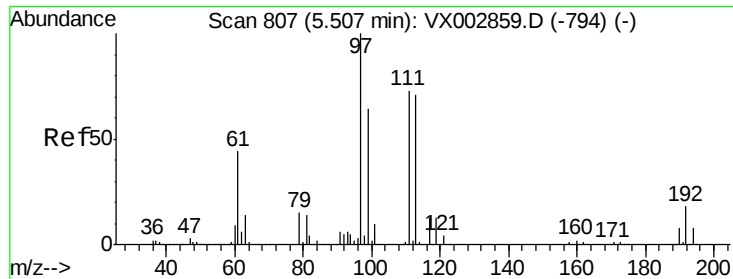
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

88 15.4 0.0 30.0

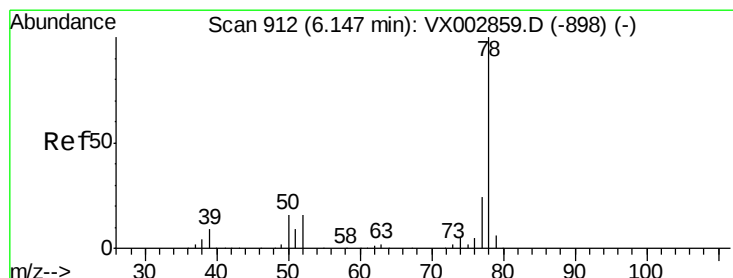
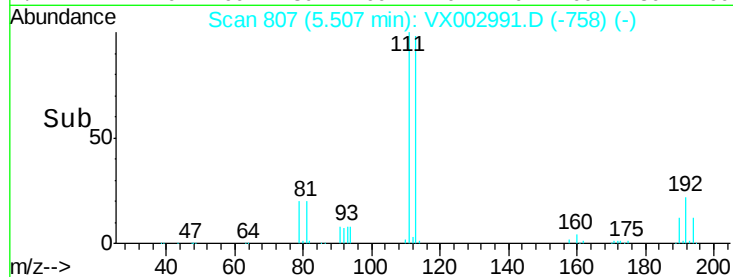
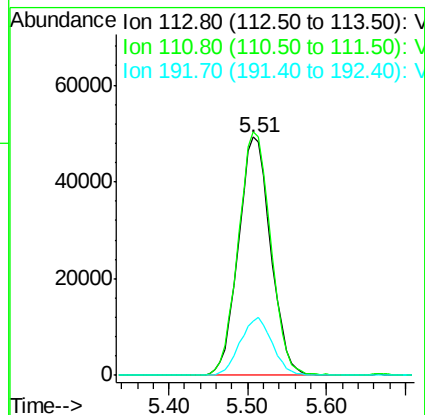
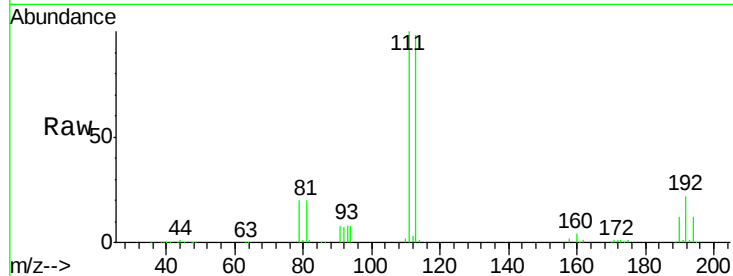




#35
 Dibromofluoromethane
 Concen: 48.25 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002991.D
 Acq: 28 Jun 2018 17:54

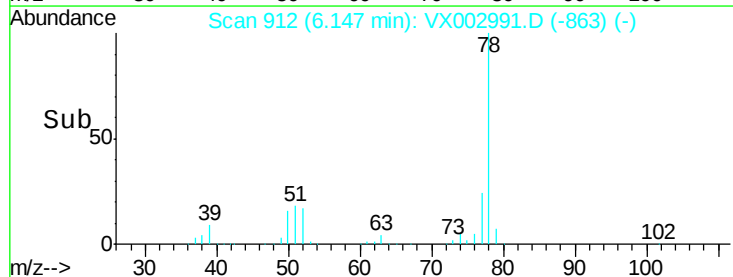
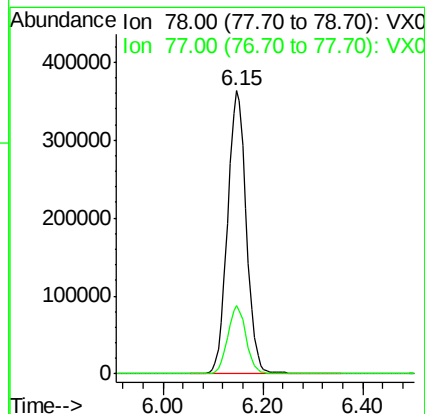
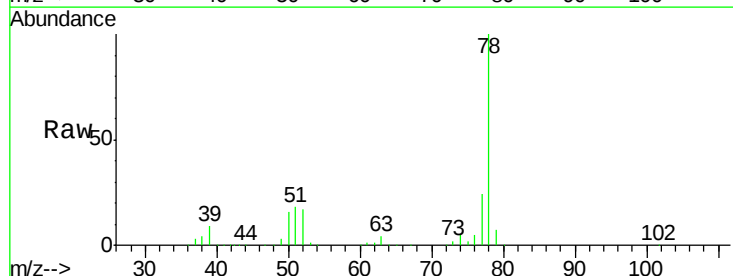
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-27S-GW

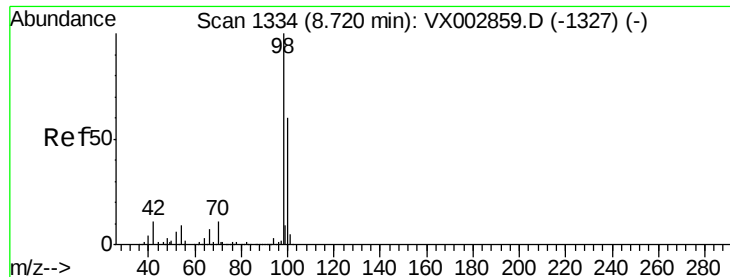
Tot Ion:113 Resp: 140429
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 24.1 19.1 28.7



#40
 Benzene
 Concen: 81.17 ug/l
 RT: 6.15 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: VX002991.D
 Acq: 28 Jun 2018 17:54

Tgt Ion: 78 Resp: 950477
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.1 28.7

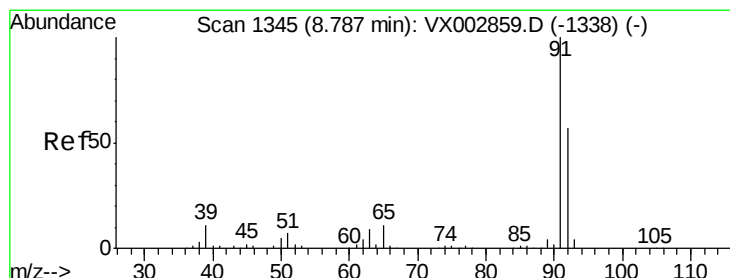
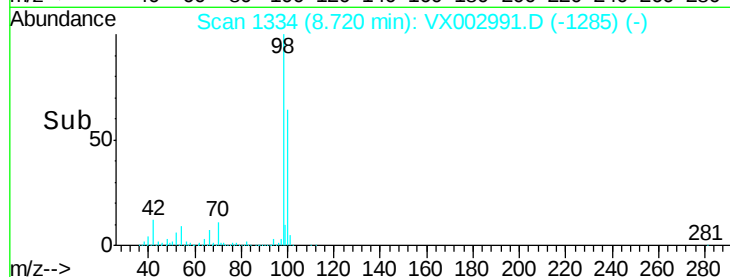
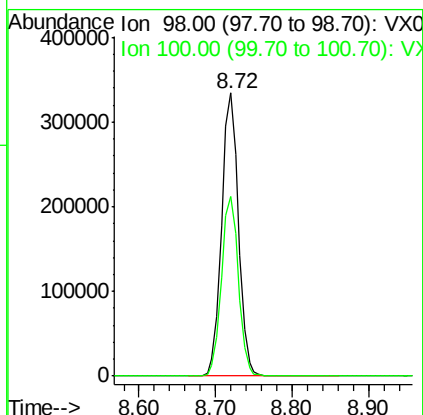
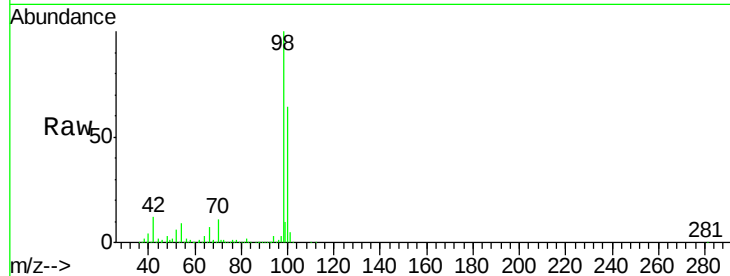




#50
Toluene-d8
Concen: 48.01 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002991.D
Acq: 28 Jun 2018 17:54

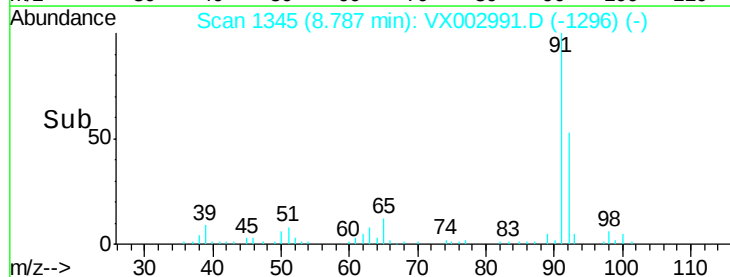
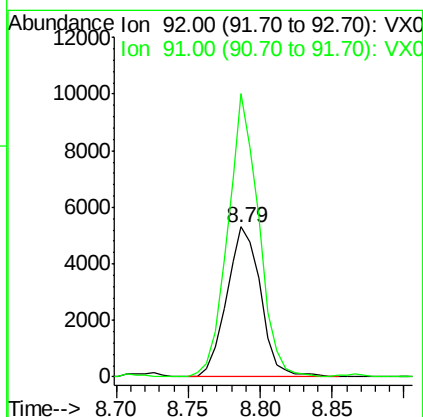
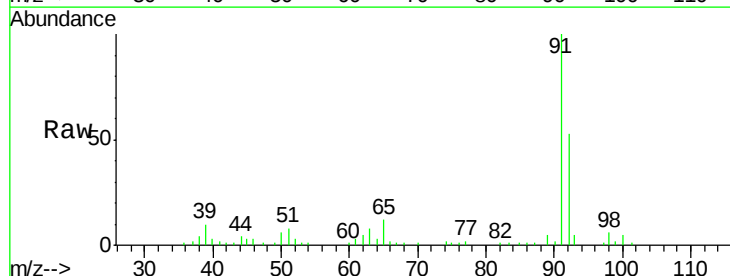
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-27S-GW

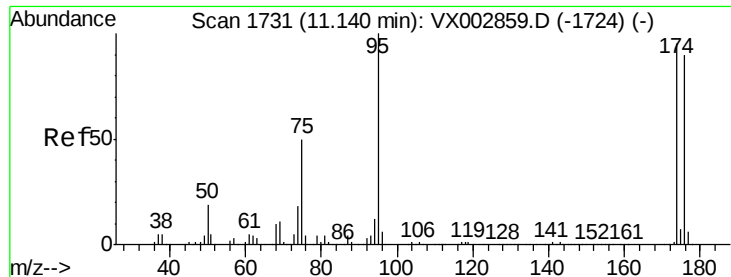
Tot Ion: 98 Resp: 510195
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#52
Toluene
Concen: 1.16 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002991.D
Acq: 28 Jun 2018 17:54

Tgt Ion: 92 Resp: 8711
Ion Ratio Lower Upper
92 100
91 172.5 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 44.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002991.D

Acq: 28 Jun 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-27S-GW

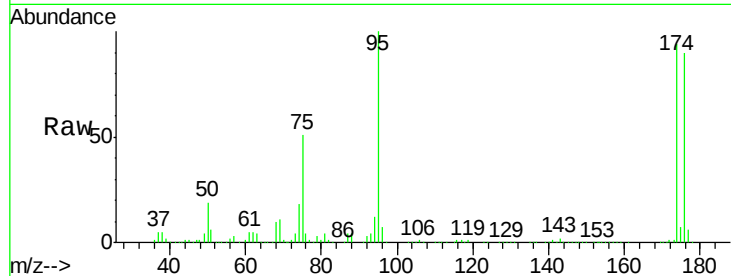
Tot Ion: 95 Resp: 184309

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

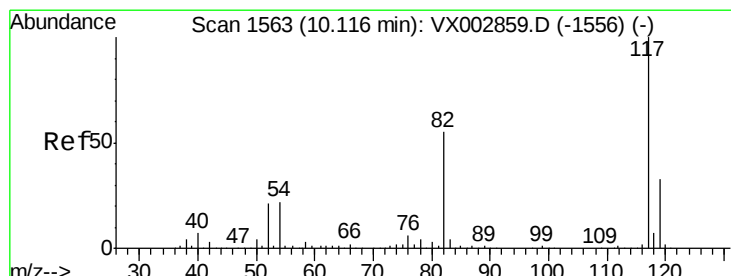
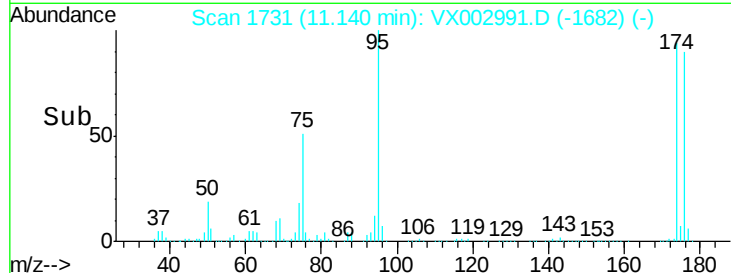
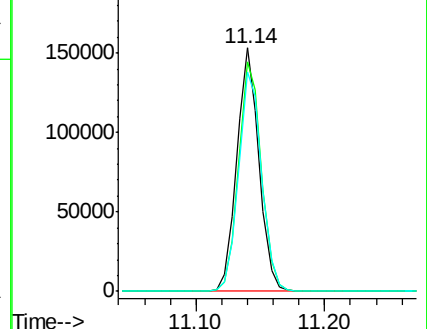
176 93.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002991.D

Acq: 28 Jun 2018 17:54

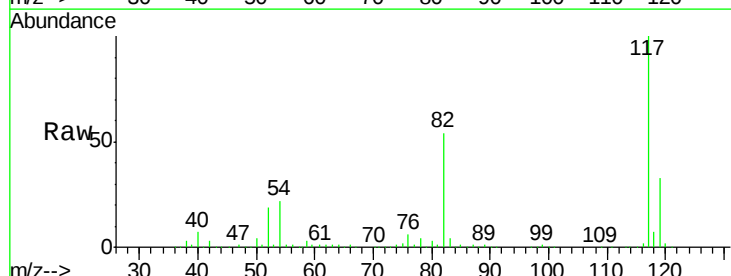
Tgt Ion: 117 Resp: 337017

Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.4

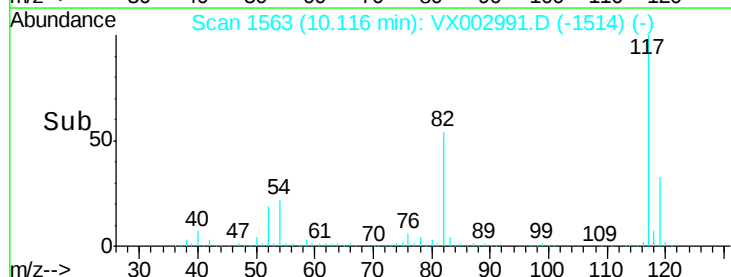
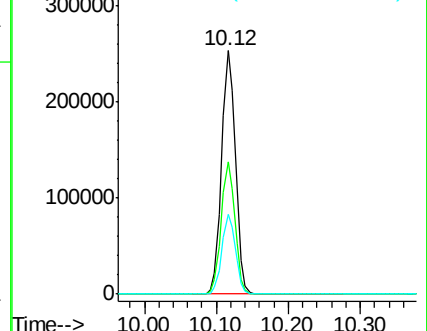
119 33.0 25.8 38.6

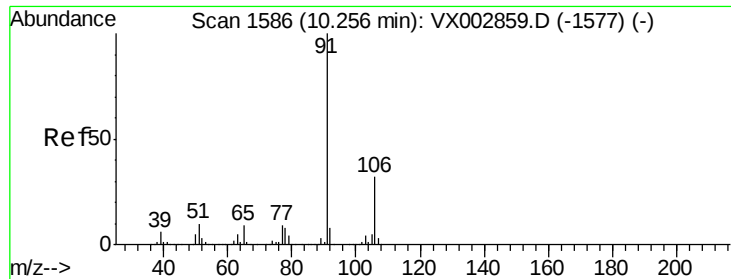


Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)

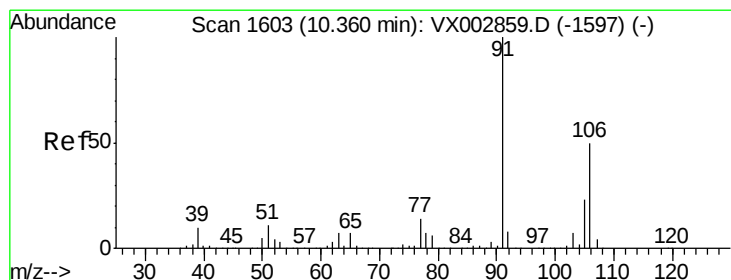
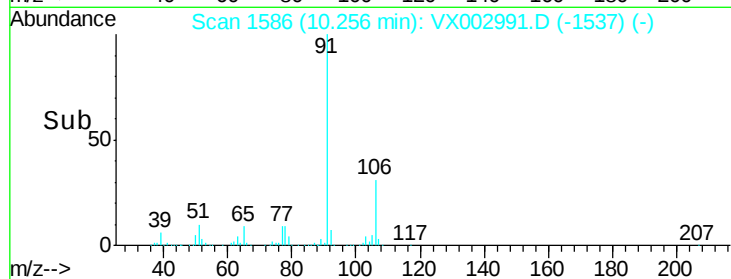
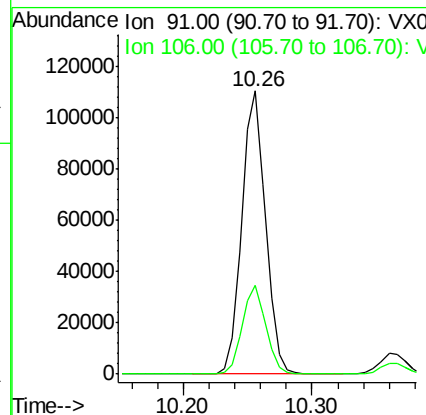
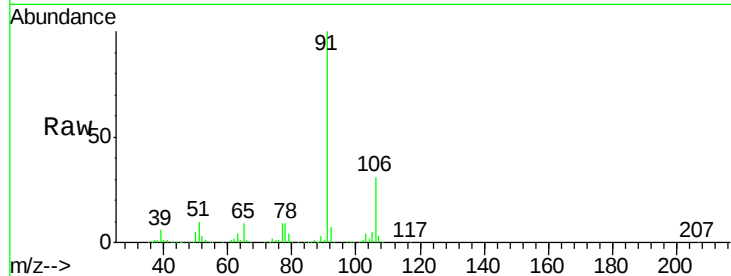




#67
Ethyl Benzene
Concen: 9.97 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002991.D
Acq: 28 Jun 2018 17:54

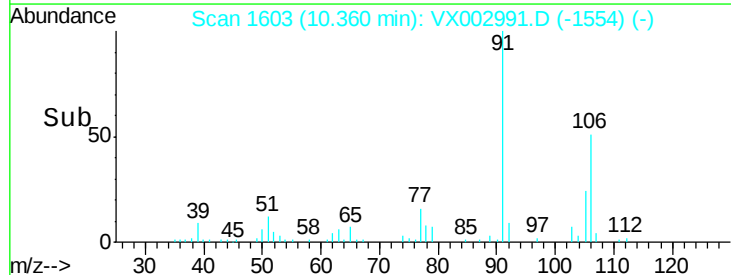
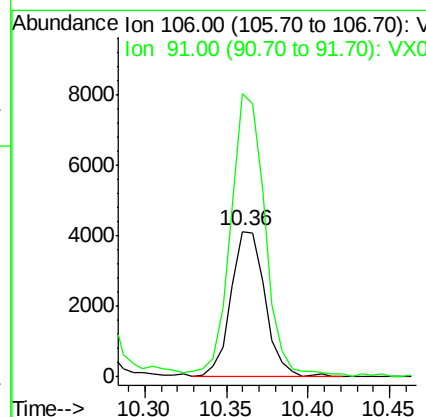
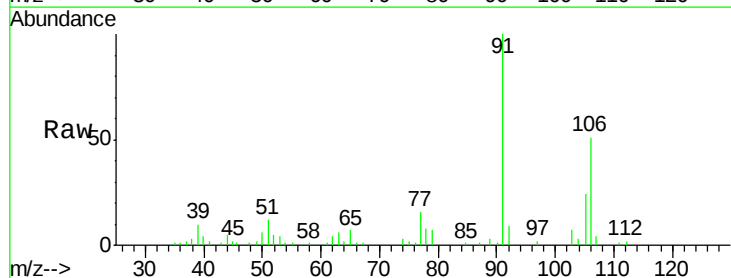
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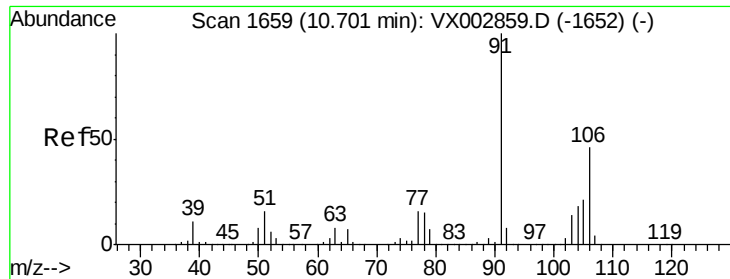
Tot Ion: 91 Resp: 141034
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 1.10 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002991.D
Acq: 28 Jun 2018 17:54

Tgt Ion: 106 Resp: 6002
Ion Ratio Lower Upper
106 100
91 197.0 163.4 245.2

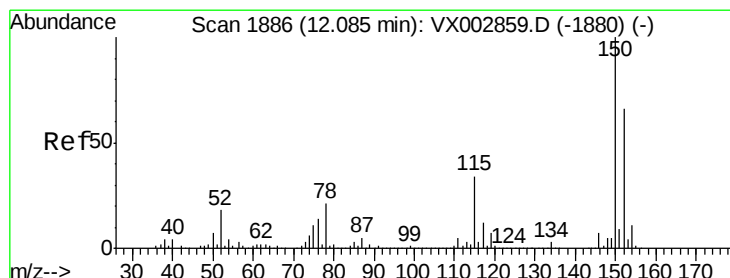
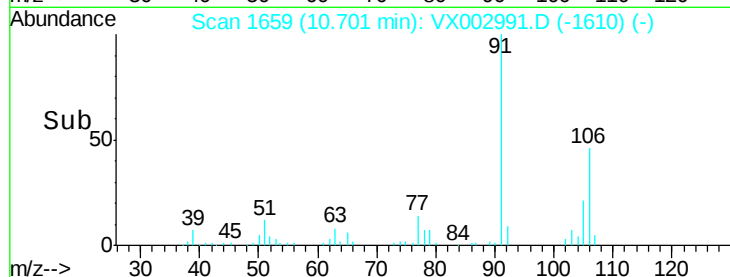
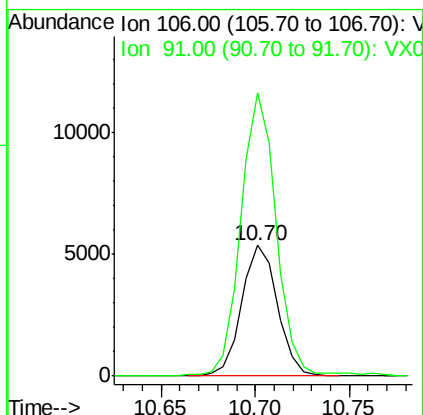
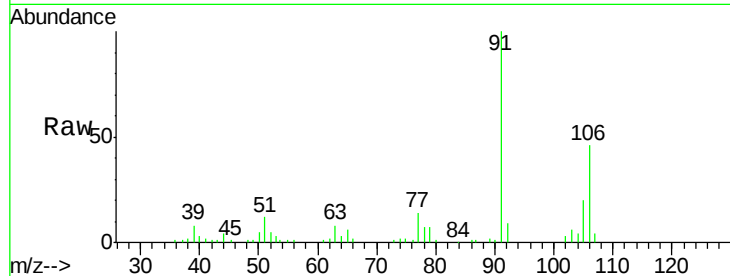




#69
o-Xylene
Concen: 1.33 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002991.D
Acq: 28 Jun 2018 17:54

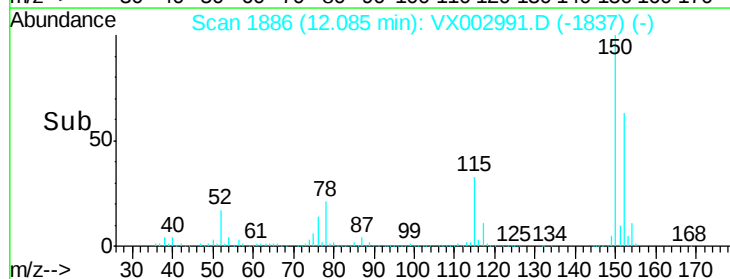
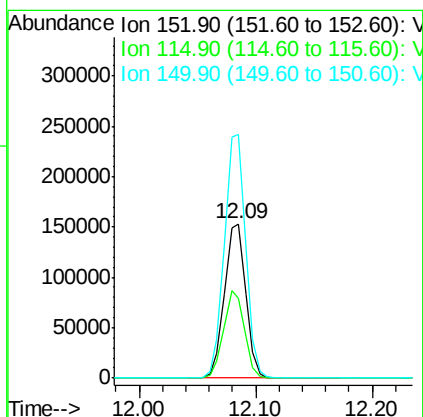
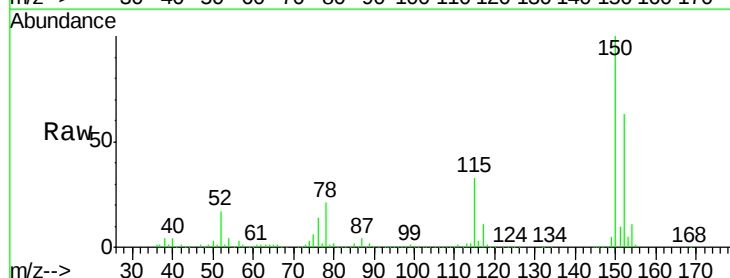
Instrument :
MSVOA_X
ClientSampled :
QNWP8-27S-GW

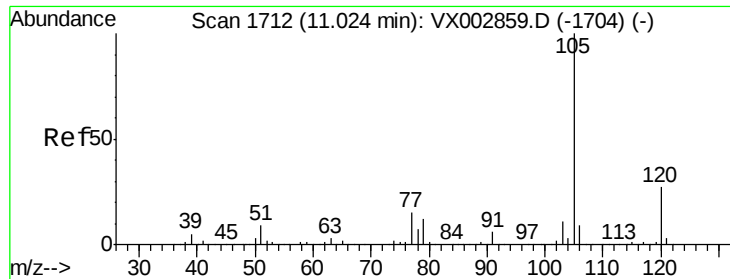
Tot Ion:106 Resp: 7062
Ion Ratio Lower Upper
106 100
91 215.3 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002991.D
Acq: 28 Jun 2018 17:54

Tgt Ion:152 Resp: 193620
Ion Ratio Lower Upper
152 100
115 55.3 40.1 120.2
150 158.1 0.0 347.2





#73

Isopropylbenzene

Concen: 1.87 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002991.D

Acq: 28 Jun 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

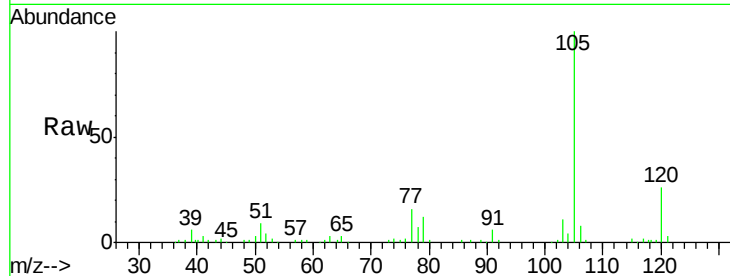
QNWP8-27S-GW

Tot Ion:105 Resp: 24357

Ion Ratio Lower Upper

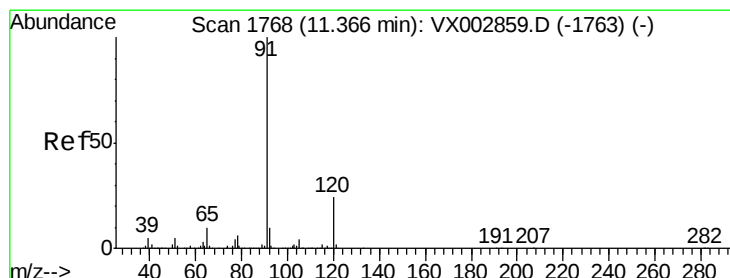
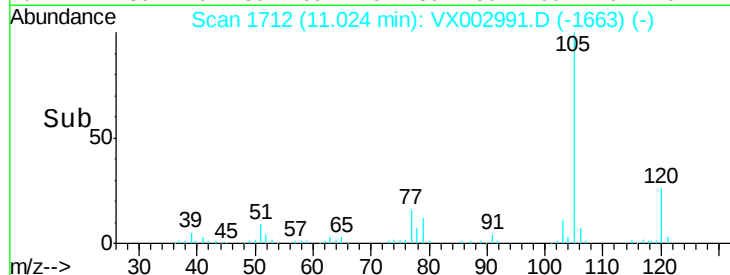
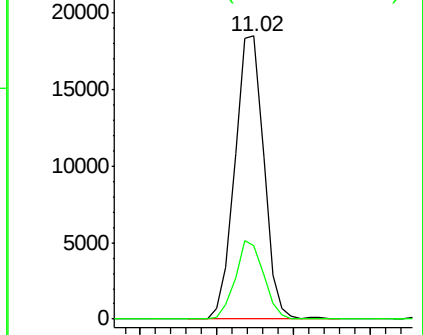
105 100

120 27.1 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: 0.47 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002991.D

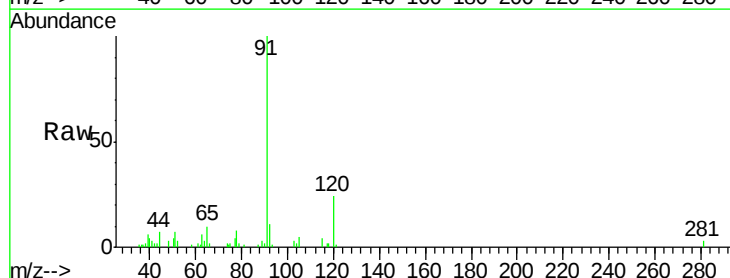
Acq: 28 Jun 2018 17:54

Tgt Ion: 91 Resp: 6983

Ion Ratio Lower Upper

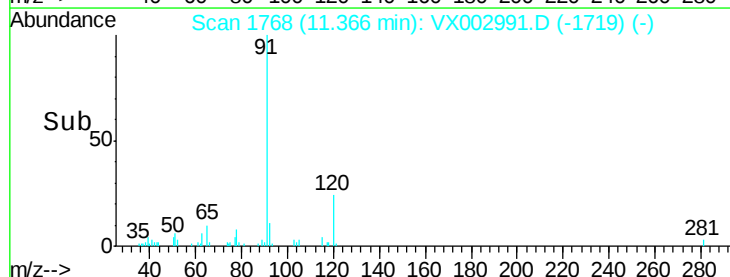
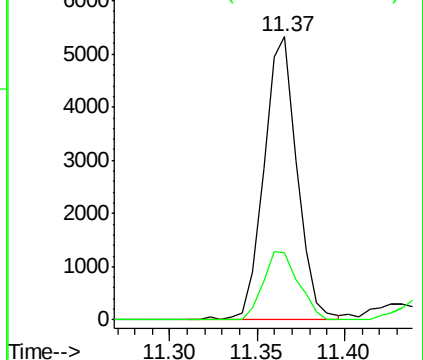
91 100

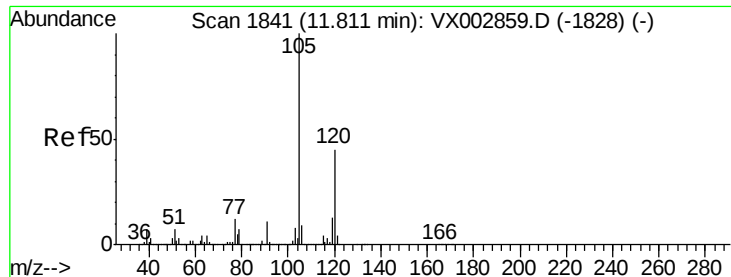
120 25.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 1.50 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002991.D

Acq: 28 Jun 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

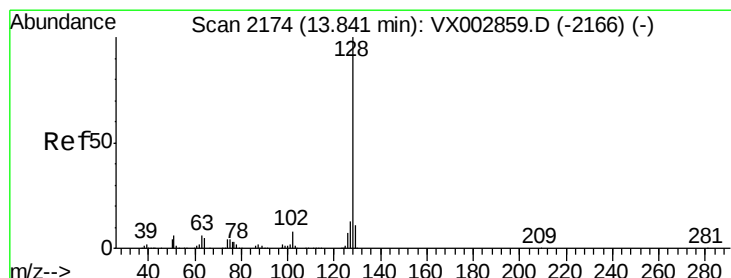
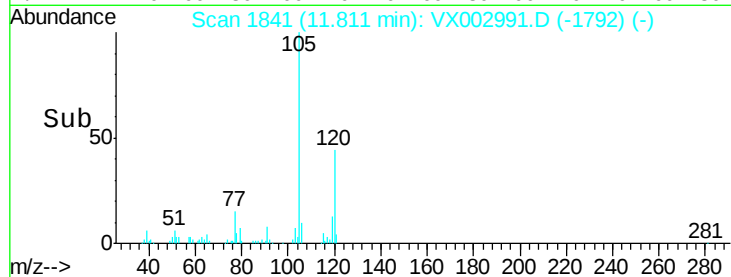
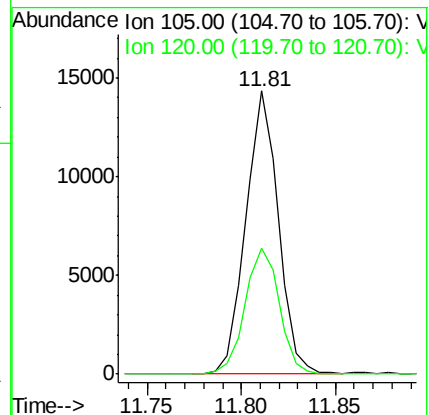
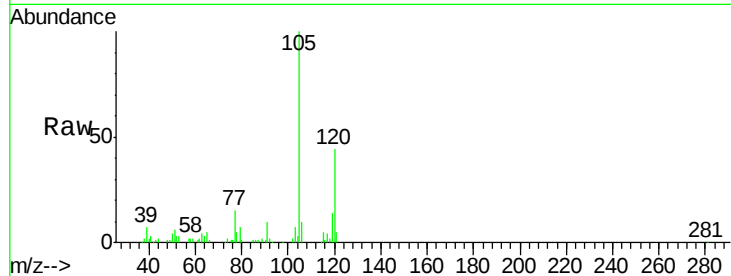
QNWP8-27S-GW

Tot Ion:105 Resp: 17100

Ion Ratio Lower Upper

105 100

120 47.0 22.3 66.8



#95

Naphthalene

Concen: 34.06 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002991.D

Acq: 28 Jun 2018 17:54

Tgt Ion:128 Resp: 451469

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0

