

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000726.D
 Acq On : 08 Apr 2018 13:06
 Operator : JC/MD
 Sample : J2173-03 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

Quant Time: Apr 09 07:16:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	325055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	452042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	248255	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	165083	44.41	ug/l	0.00
Spiked Amount			Recovery	=	88.82%	
35) Dibromofluoromethane	5.51	113	139451	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	8.72	98	516988	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
62) 4-Bromofluorobenzene	11.15	95	213220	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	

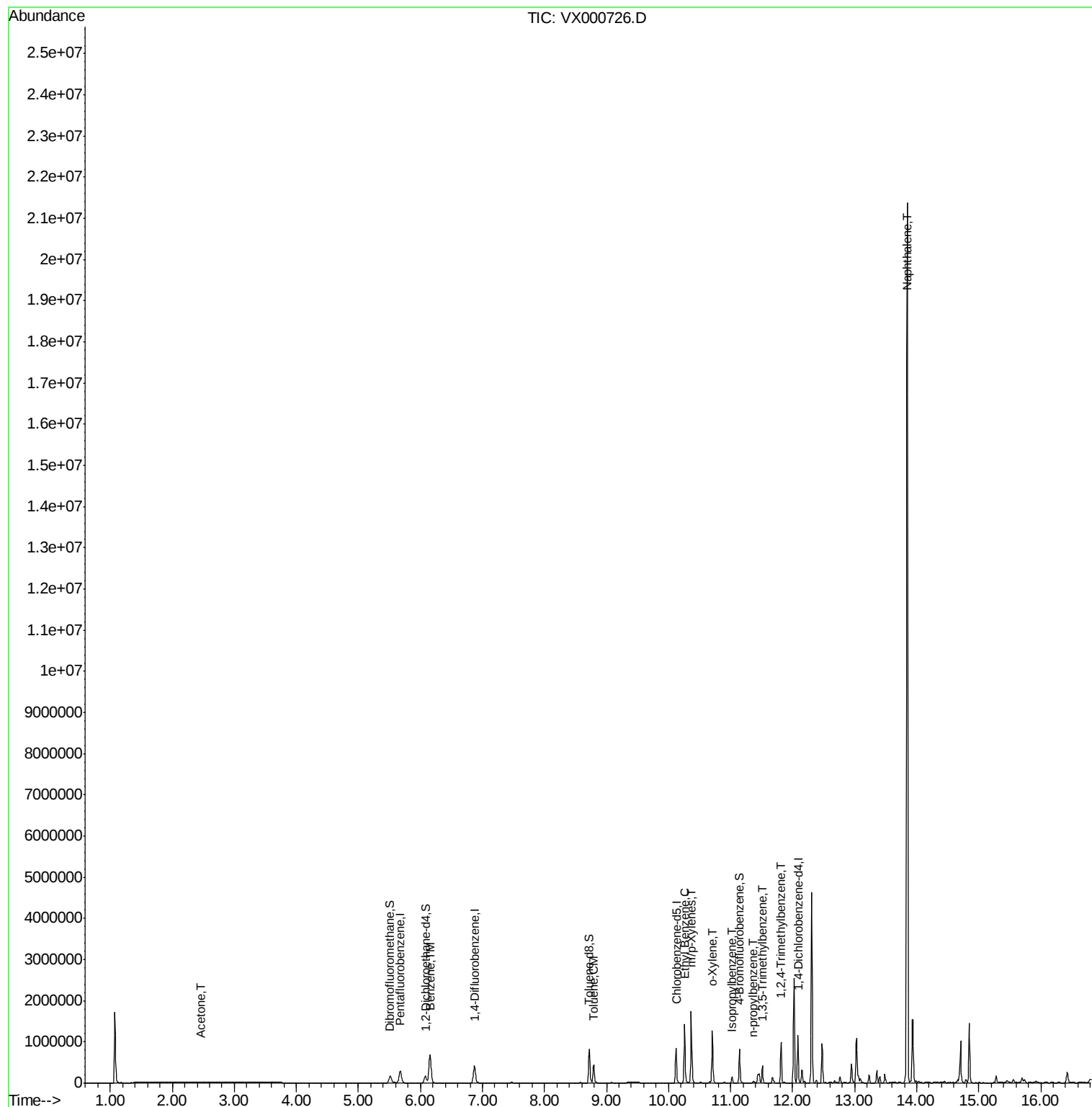
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	8523	7.31	ug/l	# 87
40) Benzene	6.15	78	824332	75.70	ug/l	99
52) Toluene	8.79	92	172137	23.71	ug/l	100
67) Ethyl Benzene	10.26	91	864198	59.80	ug/l	100
68) m/p-Xylenes	10.37	106	409917	72.50	ug/l	99
69) o-Xylene	10.71	106	288656	52.02	ug/l	100
73) Isopropylbenzene	11.02	105	76936	5.18	ug/l	99
78) n-propylbenzene	11.37	91	16170	0.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	178092	13.85	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	445738	33.49	ug/l	99
95) Naphthalene	13.85	128	12754152	743.62	ug/l	# 91

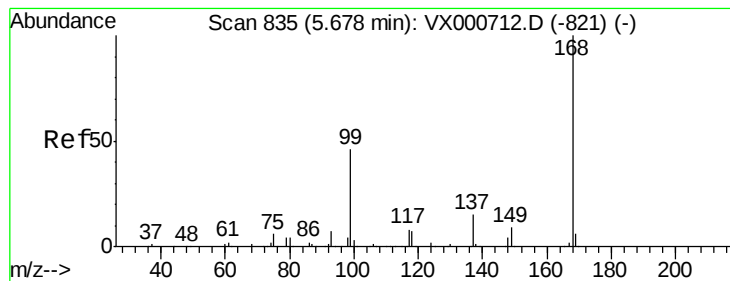
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000726.D

Acq: 08 Apr 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

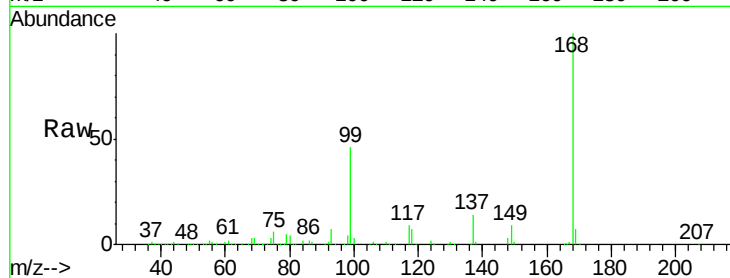
QNWP8-MW30D-GW

Tot Ion:168 Resp: 325055

Ion Ratio Lower Upper

168 100

99 46.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

120000

100000

80000

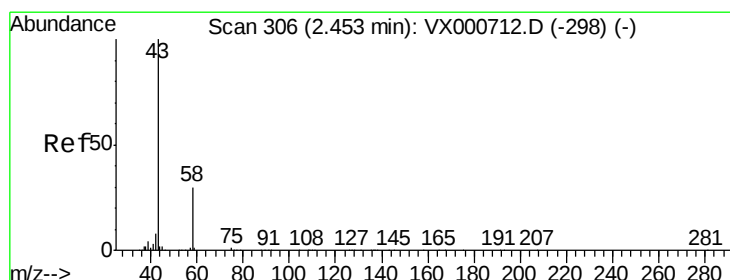
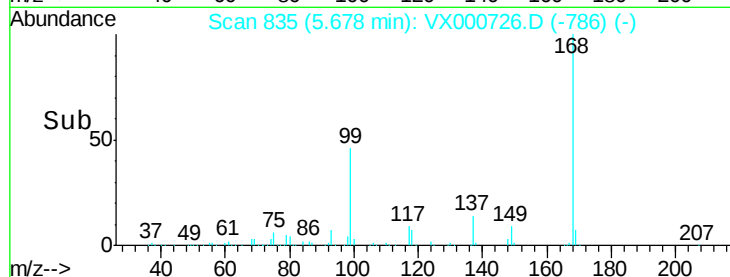
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 7.31 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000726.D

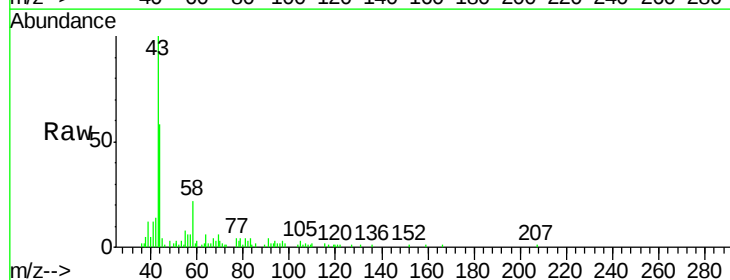
Acq: 08 Apr 2018 13:06

Tgt Ion: 43 Resp: 8523

Ion Ratio Lower Upper

43 100

58 22.7 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

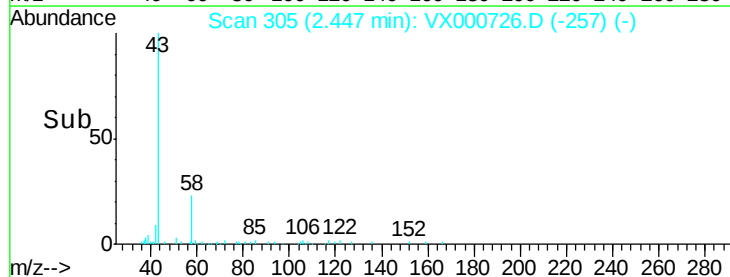
6000

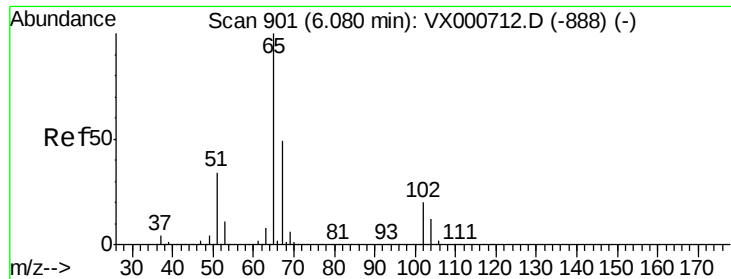
4000

2000

0

Time--> 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 44.41 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000726.D

Acq: 08 Apr 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

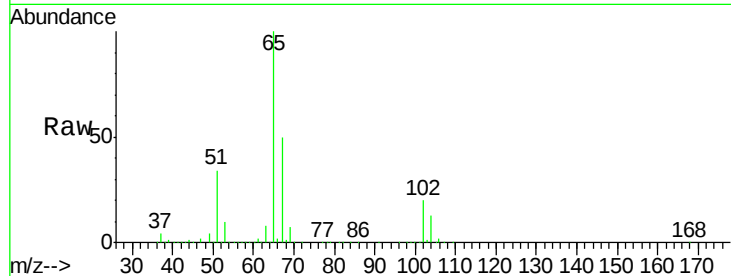
QNWP8-MW30D-GW

Tot Ion: 65 Resp: 165083

Ion Ratio Lower Upper

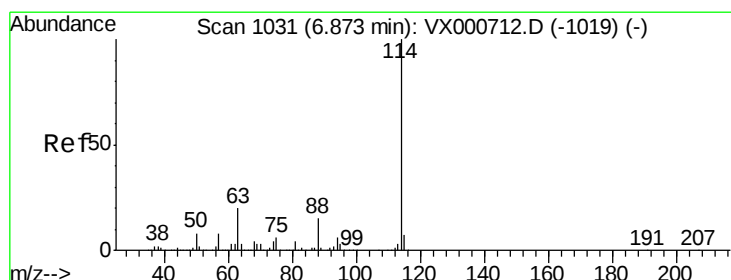
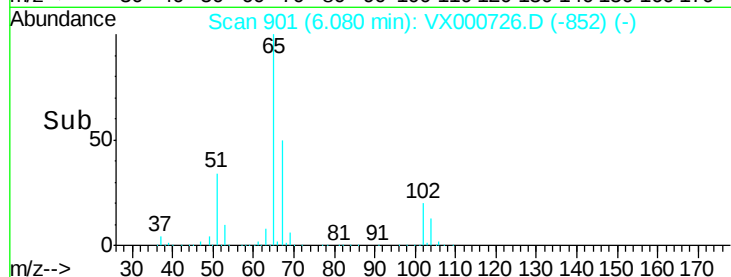
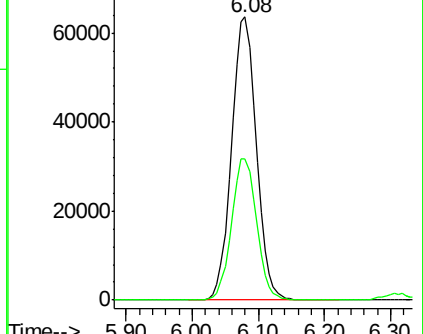
65 100

67 50.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000726.D

Acq: 08 Apr 2018 13:06

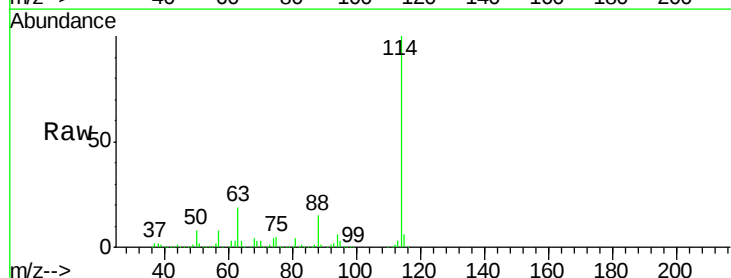
Tgt Ion: 114 Resp: 452042

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

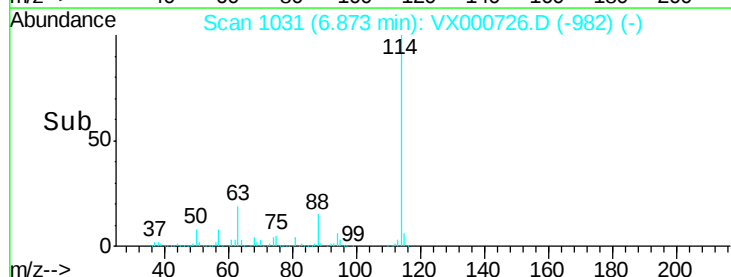
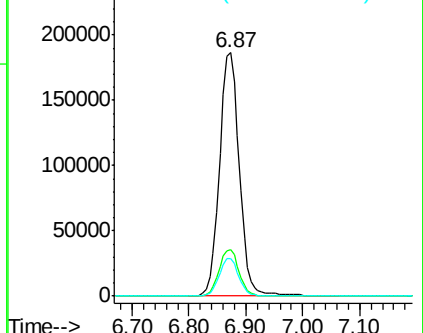
88 15.3 0.0 30.6

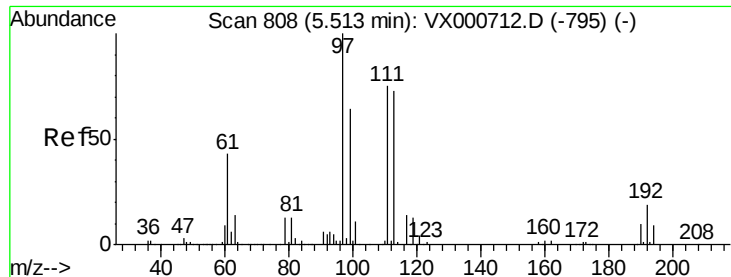


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.73 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000726.D

Acq: 08 Apr 2018 13:06

Instrument :

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ClientSampleId :

QNWP8-MW30D-GW

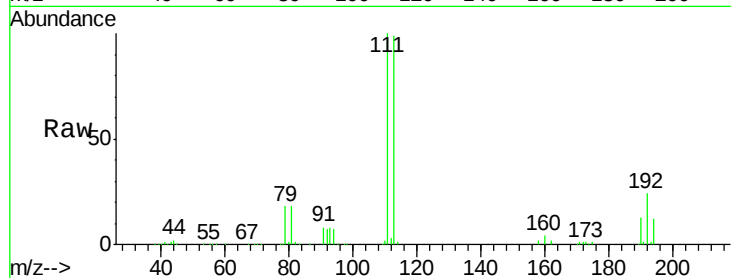
Tot Ion:113 Resp: 139451

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

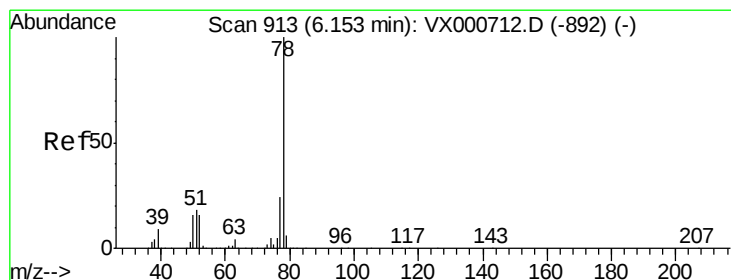
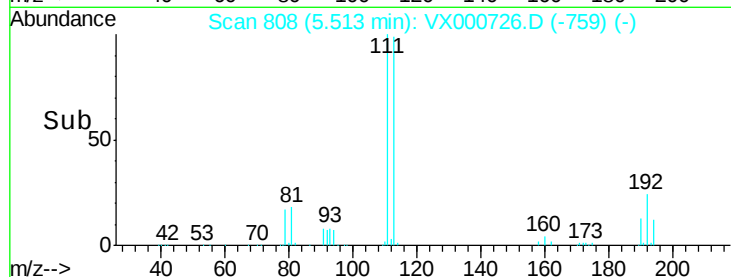
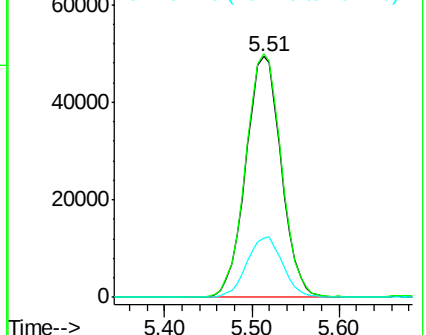
192 25.2 20.0 30.0



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: 75.70 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000726.D

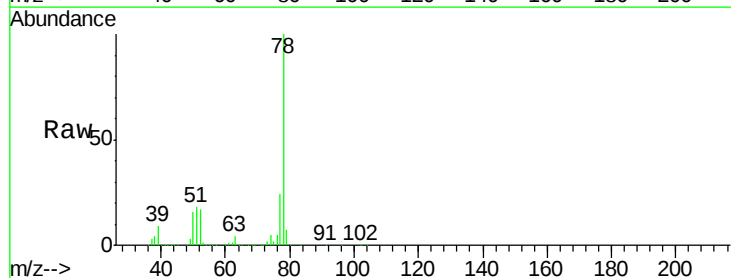
Acq: 08 Apr 2018 13:06

Tgt Ion: 78 Resp: 824332

Ion Ratio Lower Upper

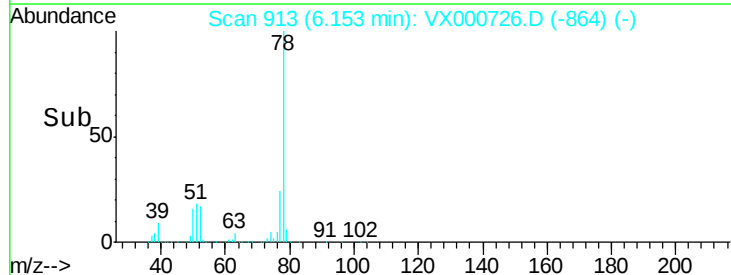
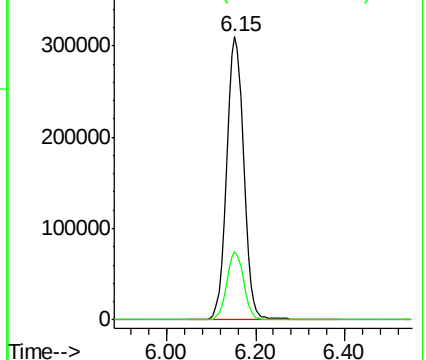
78 100

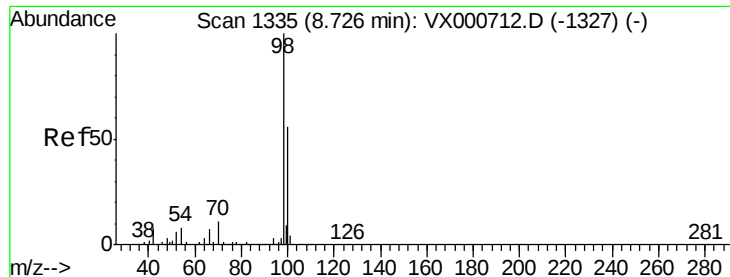
77 24.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

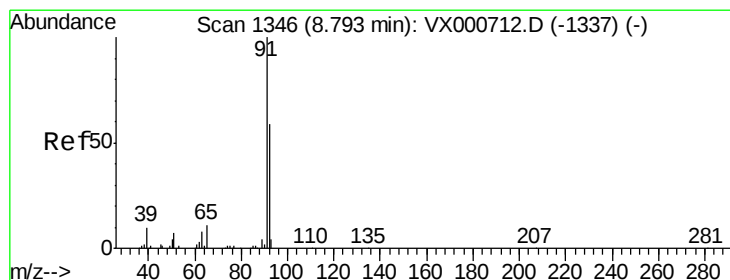
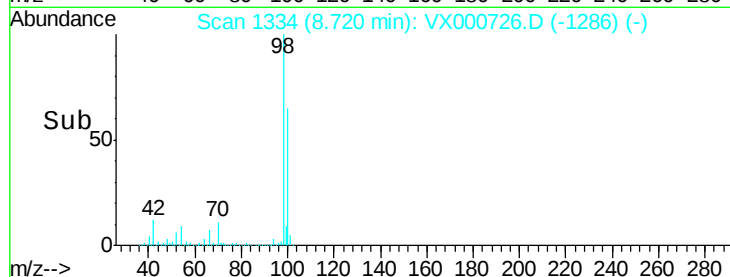
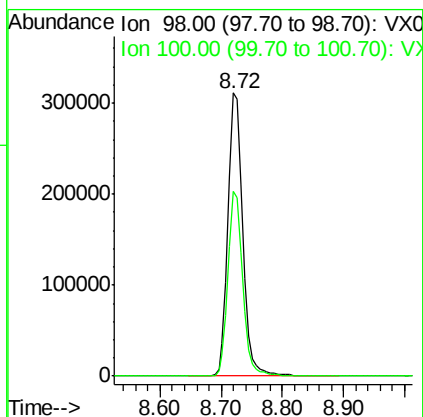
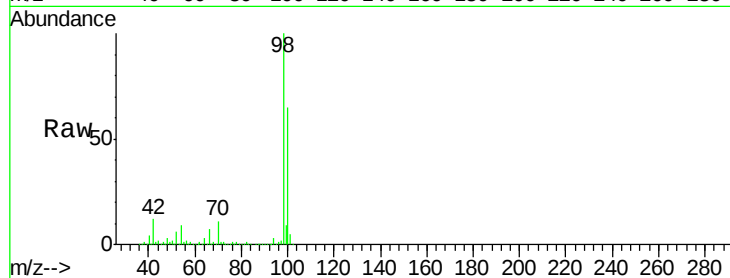




#50
Toluene-d8
Concen: 46.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000726.D
Acq: 08 Apr 2018 13:06

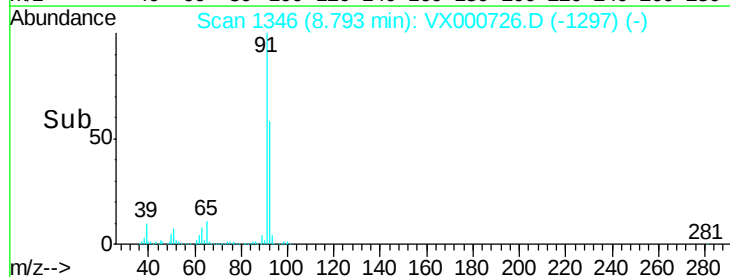
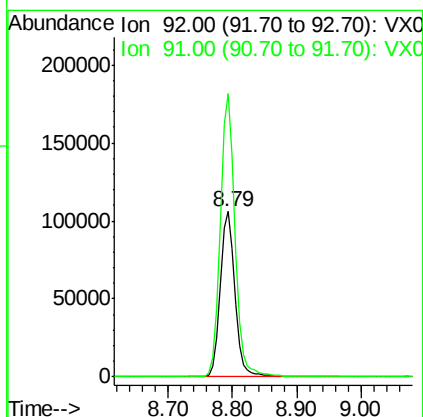
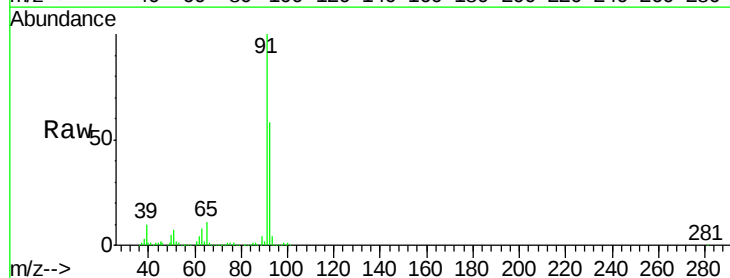
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

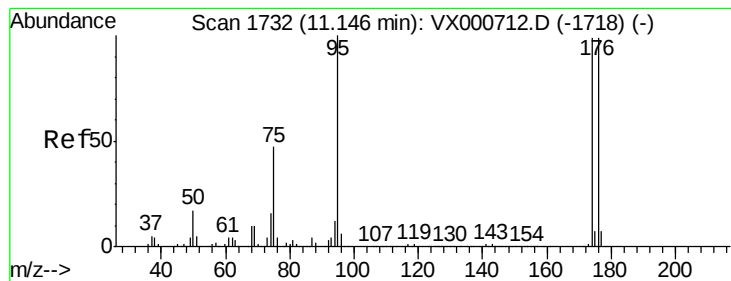
Tot Ion: 98 Resp: 516988
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#52
Toluene
Concen: 23.71 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000726.D
Acq: 08 Apr 2018 13:06

Tgt Ion: 92 Resp: 172137
Ion Ratio Lower Upper
92 100
91 170.4 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 46.36 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000726.D

Acq: 08 Apr 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

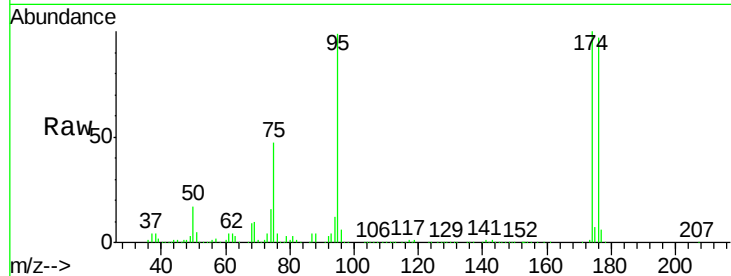
Tot Ion: 95 Resp: 213220

Ion Ratio Lower Upper

95 100

174 96.4 0.0 191.6

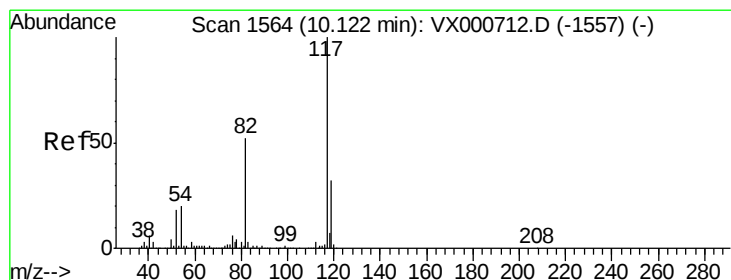
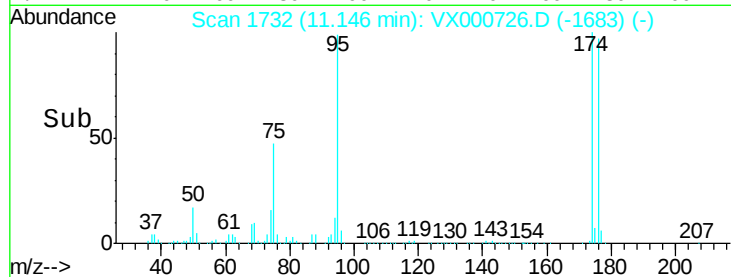
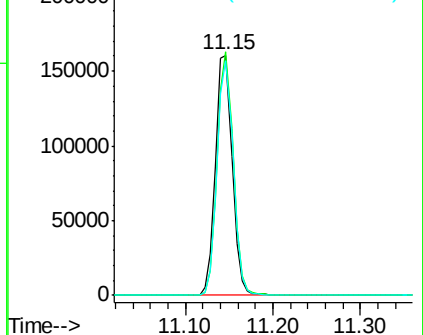
176 94.1 0.0 187.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000726.D

Acq: 08 Apr 2018 13:06

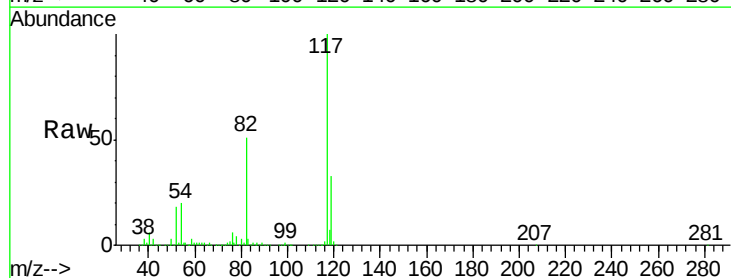
Tgt Ion: 117 Resp: 418571

Ion Ratio Lower Upper

117 100

82 51.3 41.9 62.9

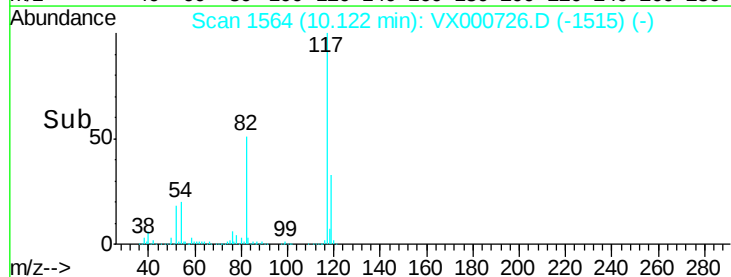
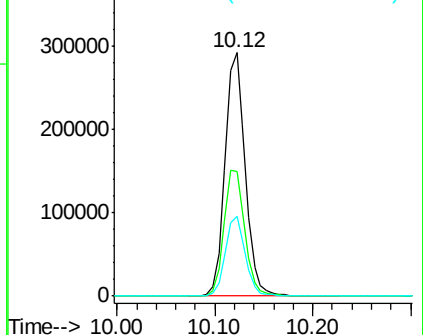
119 32.7 25.8 38.8

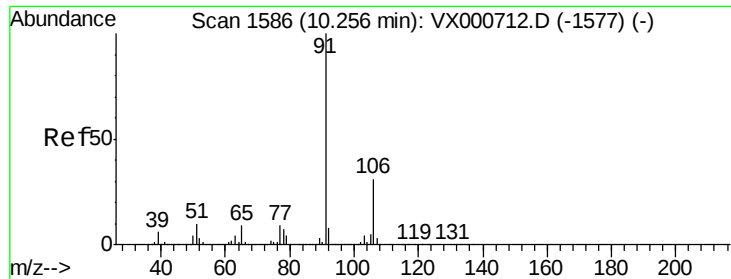


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

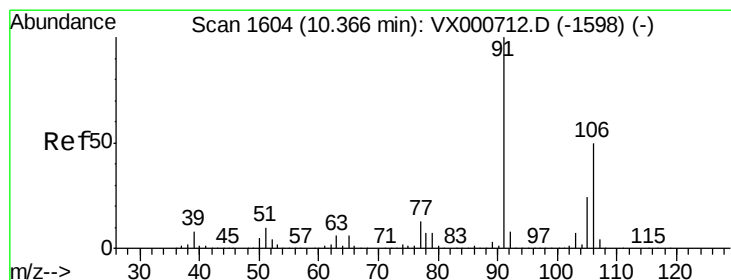
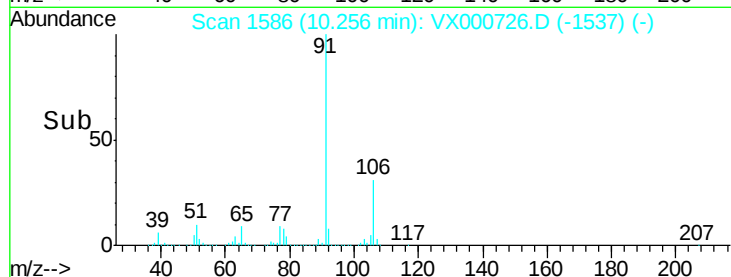
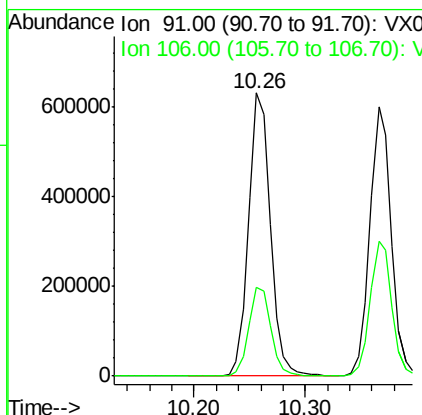
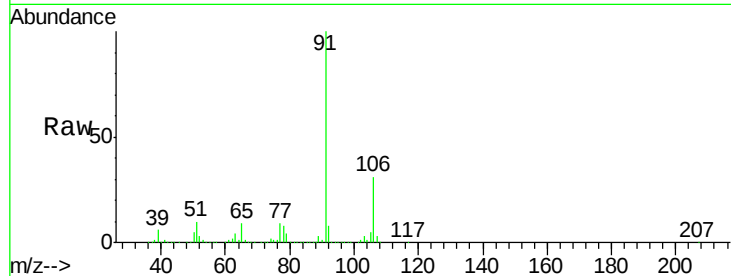




#67
Ethyl Benzene
Concen: 59.80 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000726.D
Acq: 08 Apr 2018 13:06

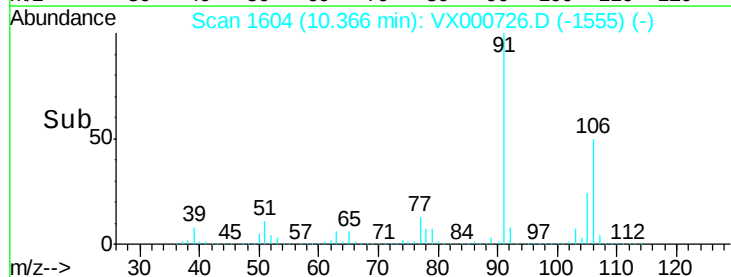
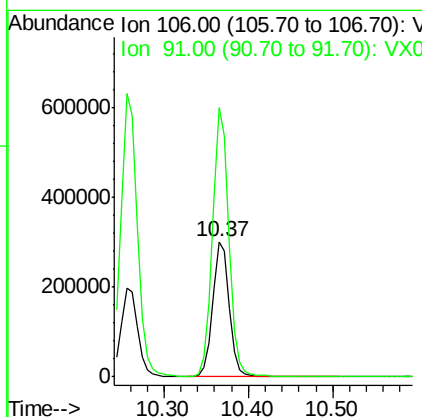
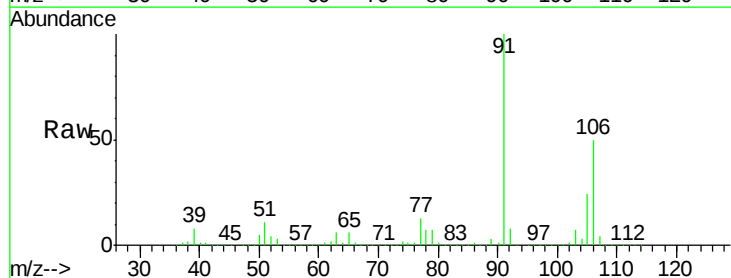
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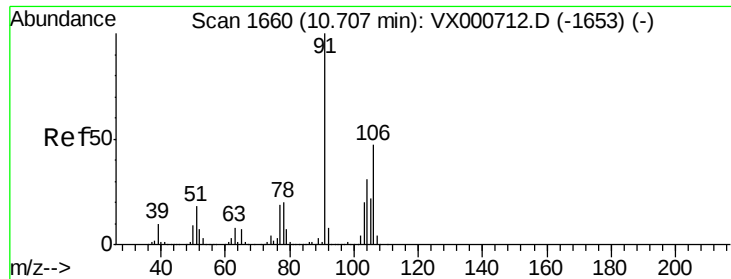
Tot Ion: 91 Resp: 864198
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 72.50 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000726.D
Acq: 08 Apr 2018 13:06

Tgt Ion: 106 Resp: 409917
Ion Ratio Lower Upper
106 100
91 198.3 159.7 239.5

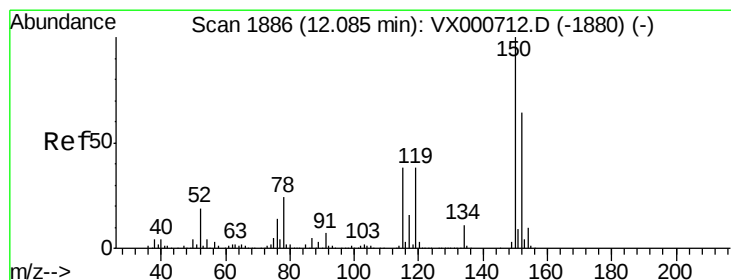
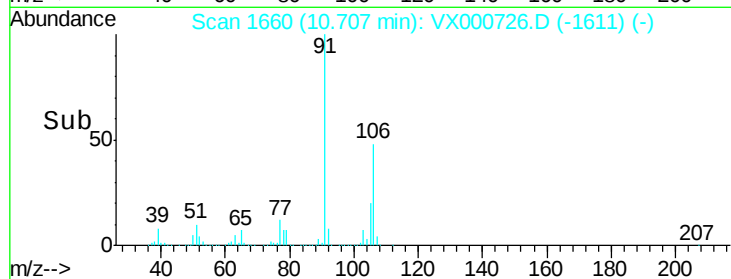
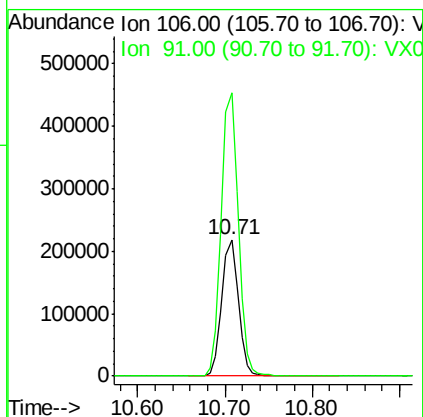
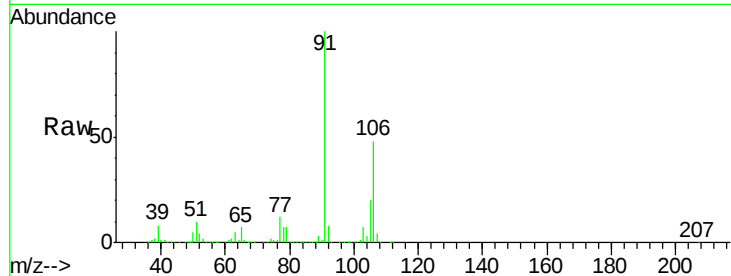




#69
o-Xylene
Concen: 52.02 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000726.D
Acq: 08 Apr 2018 13:06

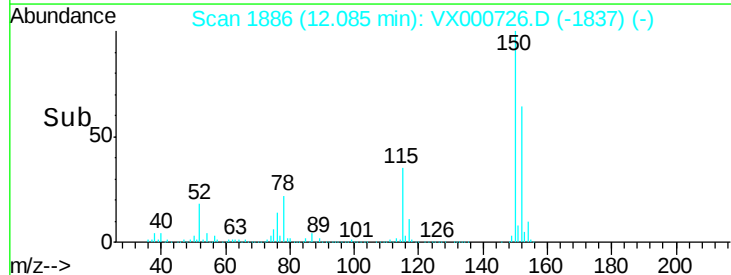
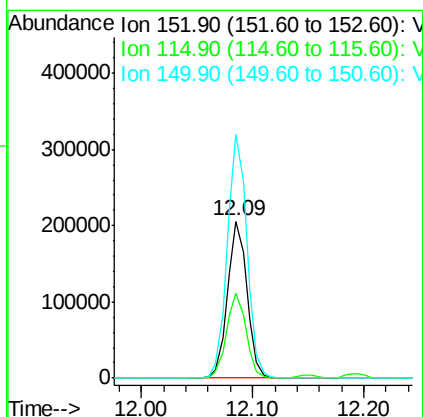
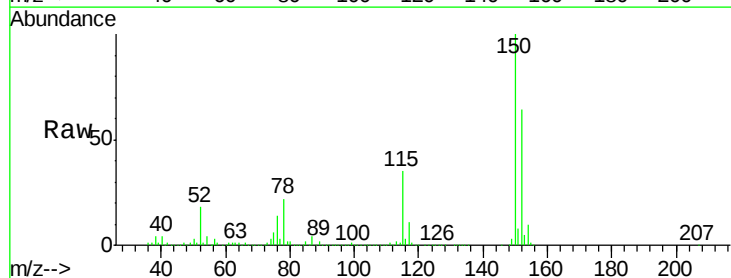
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

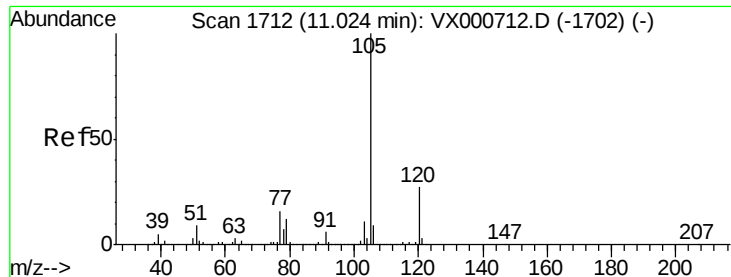
Tot Ion:106 Resp: 288656
Ion Ratio Lower Upper
106 100
91 212.2 106.1 318.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000726.D
Acq: 08 Apr 2018 13:06

Tgt Ion:152 Resp: 248255
Ion Ratio Lower Upper
152 100
115 53.9 37.7 113.1
150 156.4 0.0 345.0





#73

Isopropylbenzene

Concen: 5.18 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000726.D

Acq: 08 Apr 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

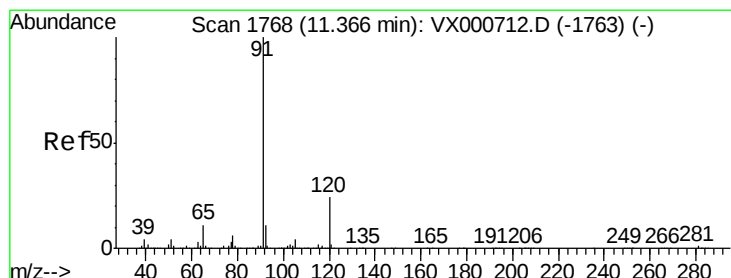
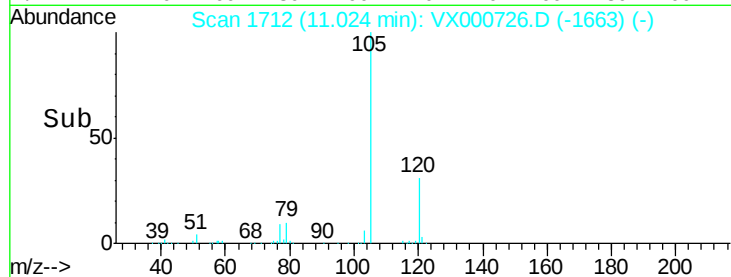
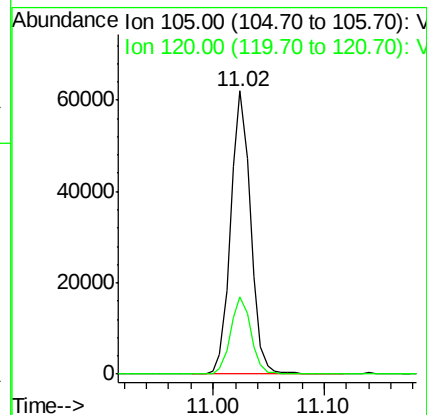
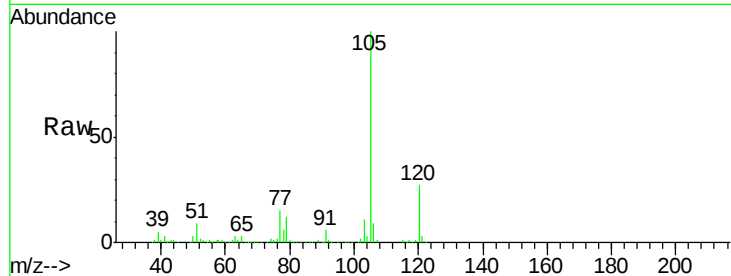
QNWP8-MW30D-GW

Tot Ion:105 Resp: 76936

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.0



#78

n-propylbenzene

Concen: 0.95 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000726.D

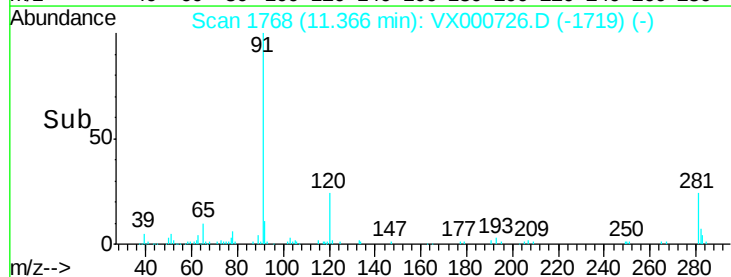
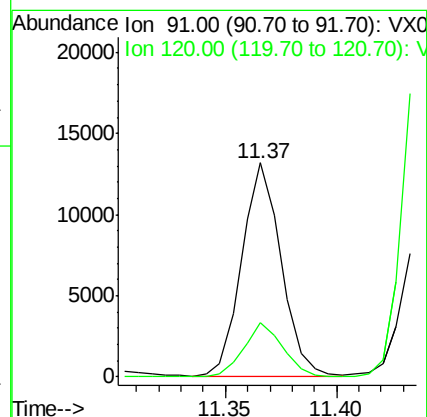
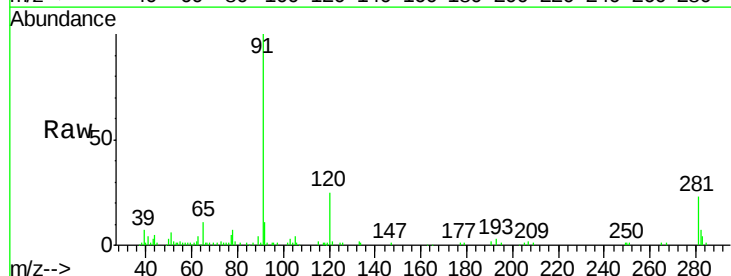
Acq: 08 Apr 2018 13:06

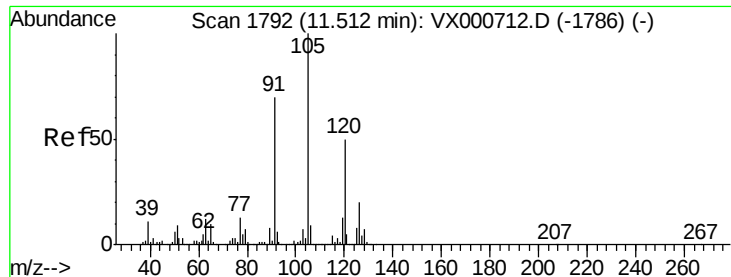
Tgt Ion: 91 Resp: 16170

Ion Ratio Lower Upper

91 100

120 25.4 12.5 37.5





#80

1,3,5-Trimethylbenzene

Concen: 13.85 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000726.D

Acq: 08 Apr 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

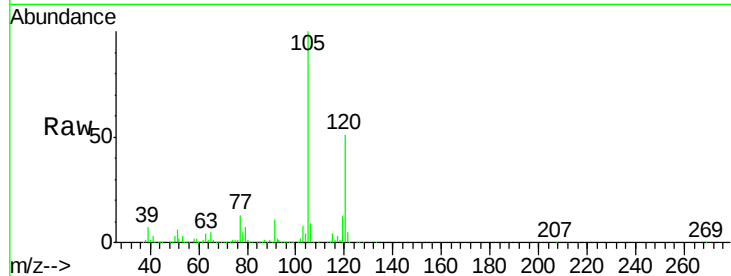
QNWP8-MW30D-GW

Tot Ion:105 Resp: 178092

Ion Ratio Lower Upper

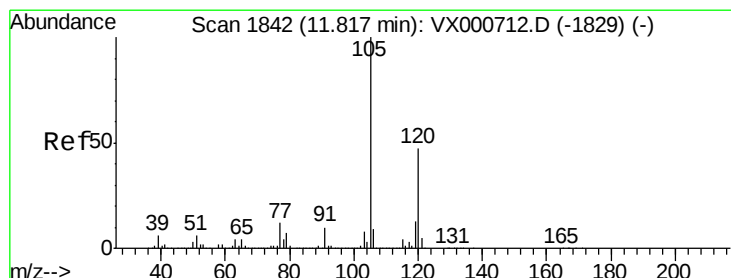
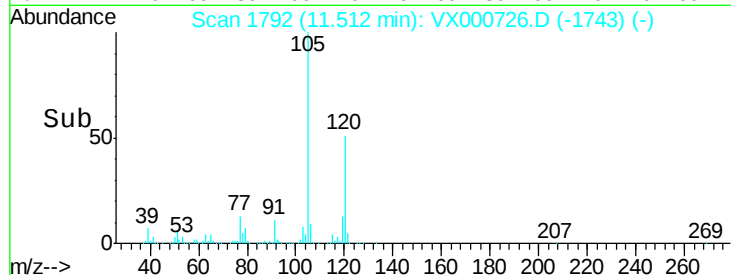
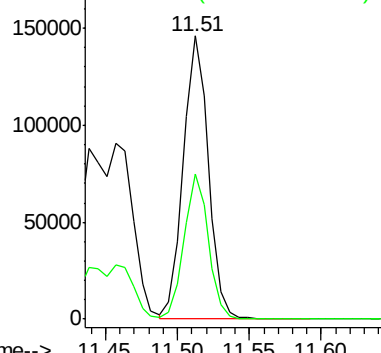
105 100

120 49.7 25.1 75.3



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: 33.49 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000726.D

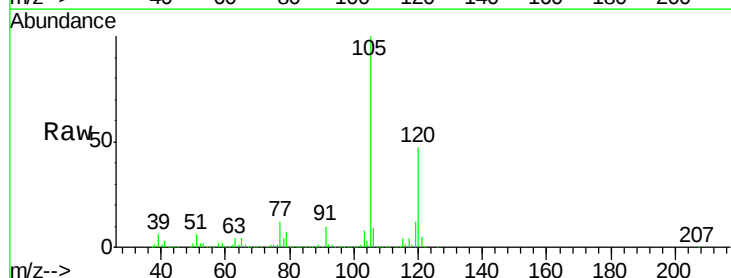
Acq: 08 Apr 2018 13:06

Tgt Ion:105 Resp: 445738

Ion Ratio Lower Upper

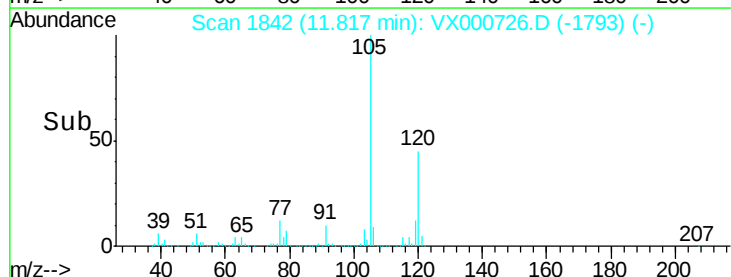
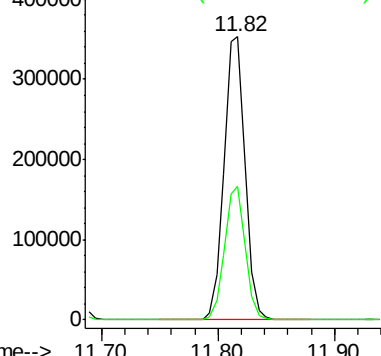
105 100

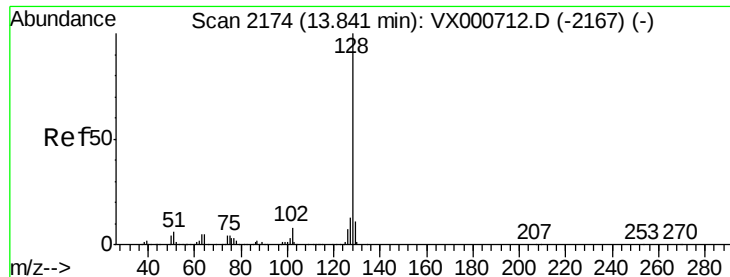
120 46.1 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 743.62 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000726.D

Acq: 08 Apr 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

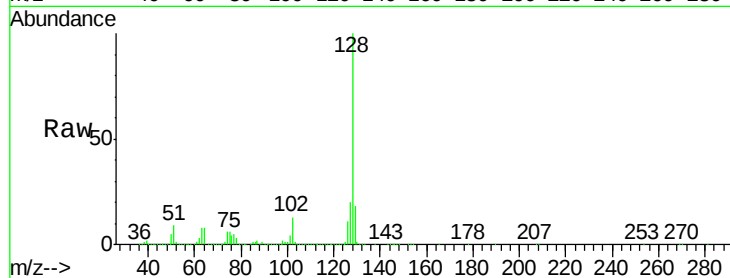
Tot Ion:128 Resp:12754152

Ion Ratio Lower Upper

128 100

127 16.5 10.4 15.6#

129 14.3 8.8 13.2#



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

