

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006719.D
 Acq On : 21 Dec 2018 13:16
 Operator : JC/MD
 Sample : J6492-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

Quant Time: Dec 22 11:31:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	675759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1044836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	931493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	439053	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	356431	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.88%		
35) Dibromofluoromethane	5.51	113	316895	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.92%		
50) Toluene-d8	8.71	98	1223144	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.20%		
62) 4-Bromofluorobenzene	11.14	95	422780	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.68%		

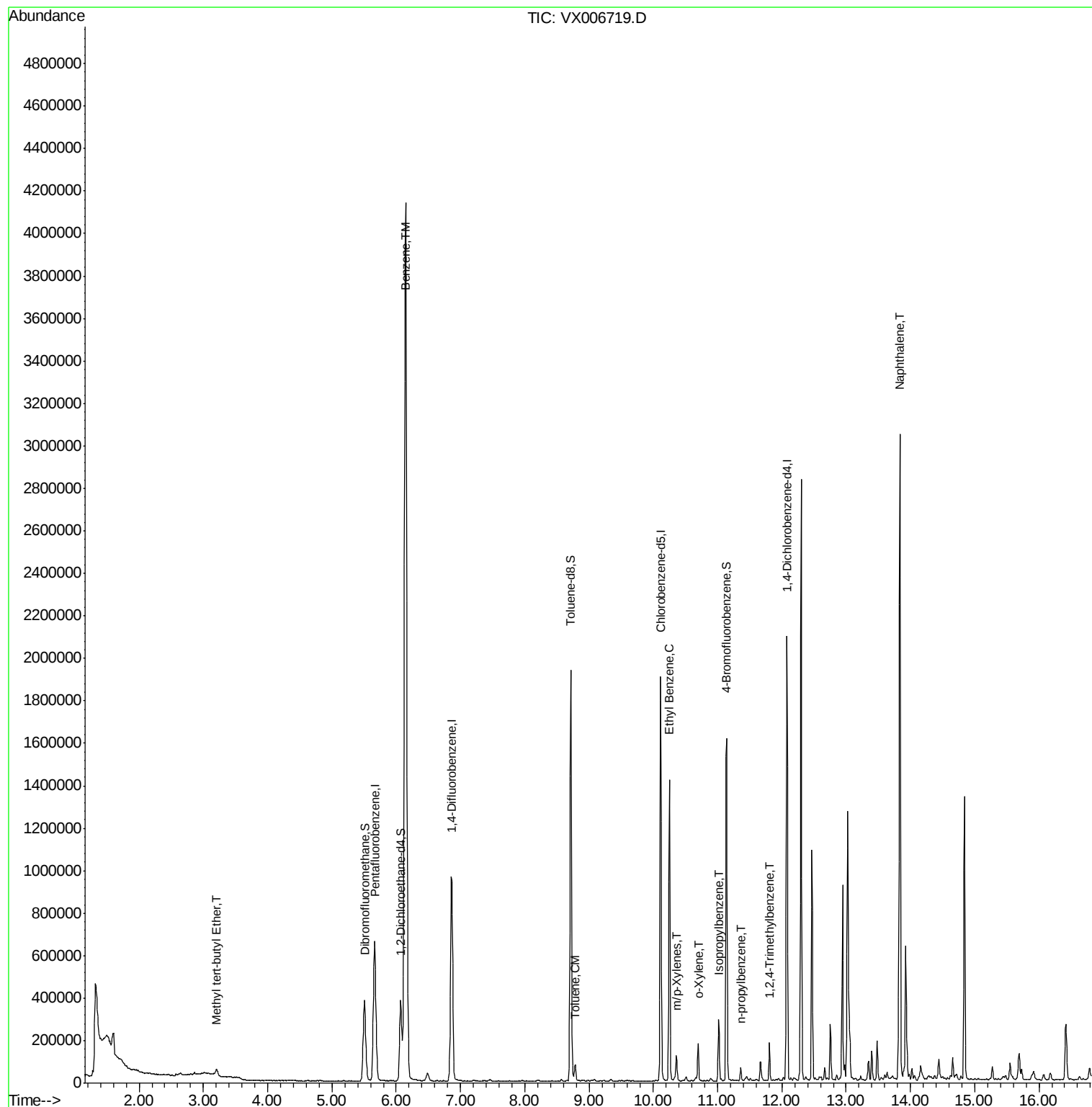
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) Methyl tert-butyl Ether	3.21	73	27293	1.362	ug/l	97
40) Benzene	6.15	78	5092311	193.593	ug/l	99
52) Toluene	8.79	92	28282	1.664	ug/l	99
67) Ethyl Benzene	10.25	91	825661	25.640	ug/l	99
68) m/p-Xylenes	10.36	106	28104	2.212	ug/l	96
69) o-Xylene	10.70	106	42626	3.397	ug/l	98
73) Isopropylbenzene	11.02	105	149103	4.964	ug/l	100
78) n-propylbenzene	11.36	91	38995	1.179	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	78739	3.026	ug/l	99
95) Naphthalene	13.83	128	1859906	57.704	ug/l	99

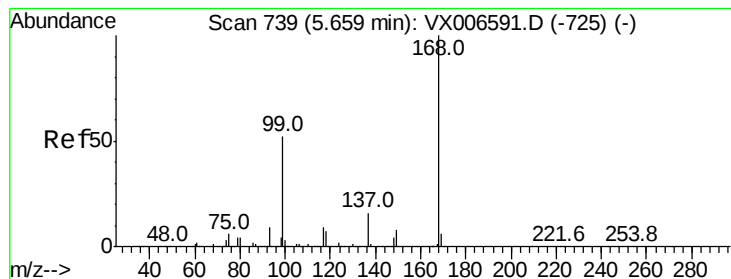
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122118\
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Quant Time: Dec 22 11:31:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 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: VX006719.D

Acq: 21 Dec 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

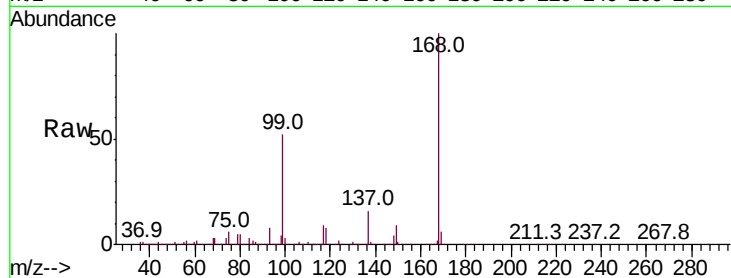
QNWP8-MW27S-GW

Tot Ion:168 Resp: 675759

Ion Ratio Lower Upper

168 100

99 51.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

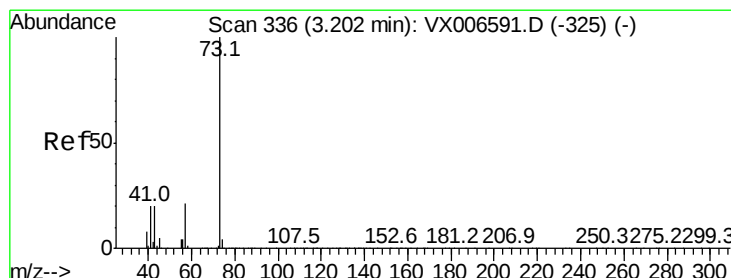
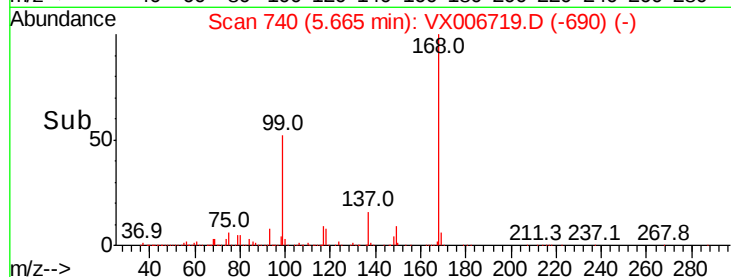
150000

100000

50000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 1.362 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX006719.D

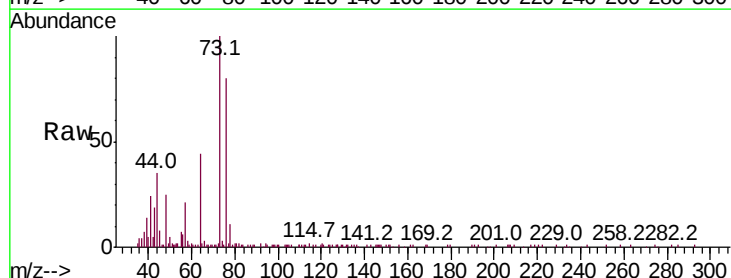
Acq: 21 Dec 2018 13:16

Tgt Ion: 73 Resp: 27293

Ion Ratio Lower Upper

73 100

57 19.6 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

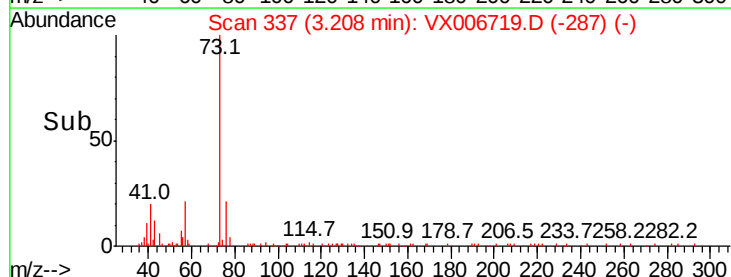
3.21

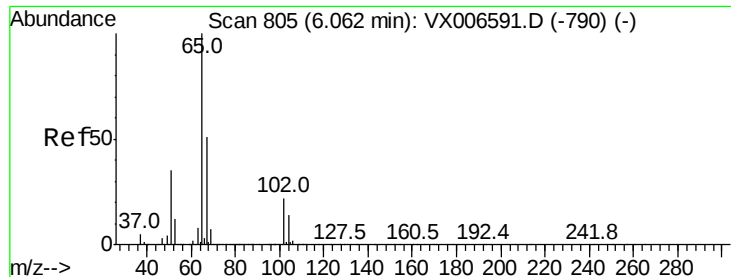
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.940 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006719.D

Acq: 21 Dec 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

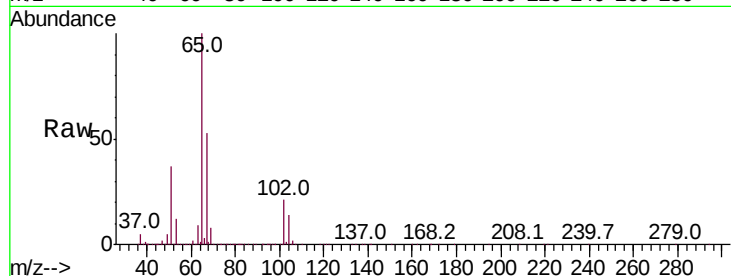
QNWP8-MW27S-GW

Tot Ion: 65 Resp: 356431

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

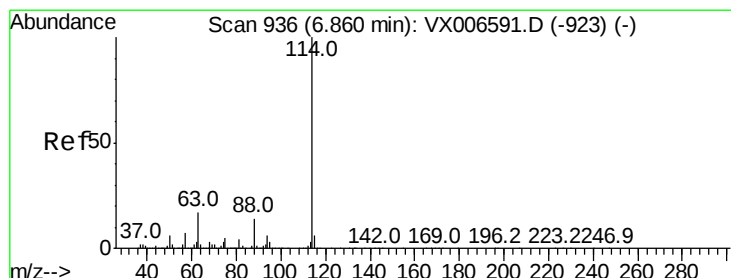
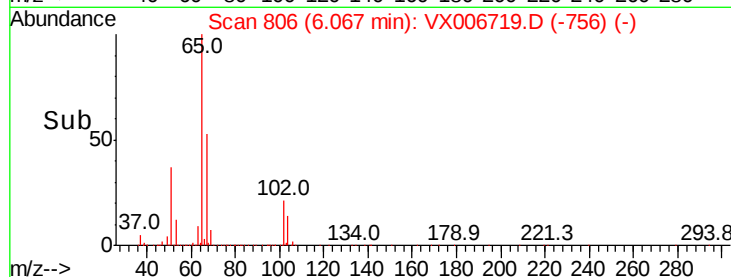
150000

100000

50000

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: VX006719.D

Acq: 21 Dec 2018 13:16

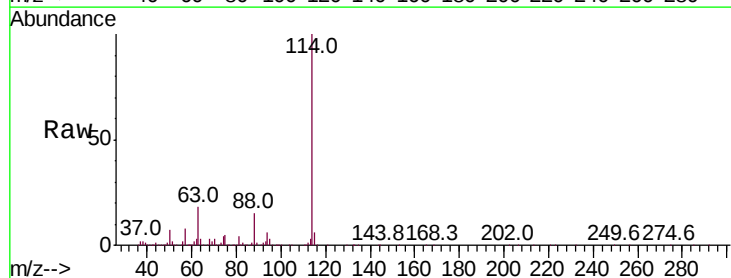
Tgt Ion: 114 Resp: 1044836

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

88 14.8 0.0 28.8



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

600000

500000

400000

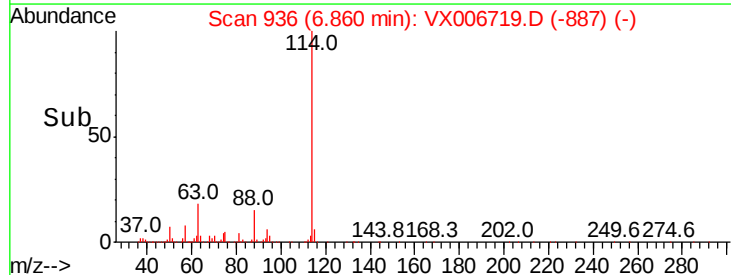
300000

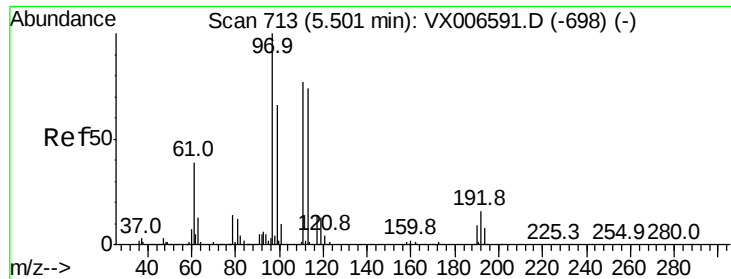
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

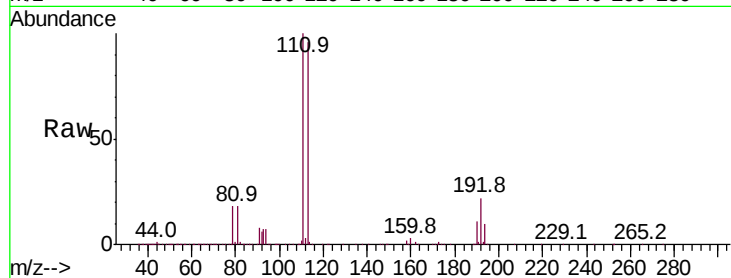




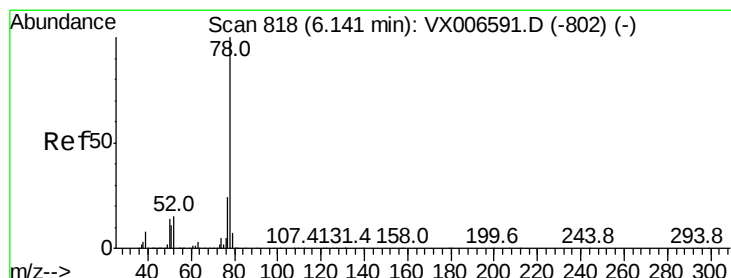
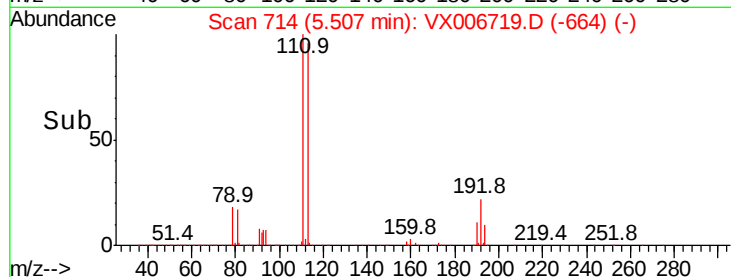
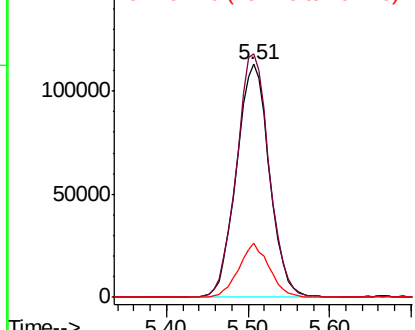
#35
Dibromofluoromethane
Concen: 47.961 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006719.D
Acq: 21 Dec 2018 13:16

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Tot Ion:113 Resp: 316895
Ion Ratio Lower Upper
113 100
111 103.7 81.6 122.4
192 21.4 16.7 25.1

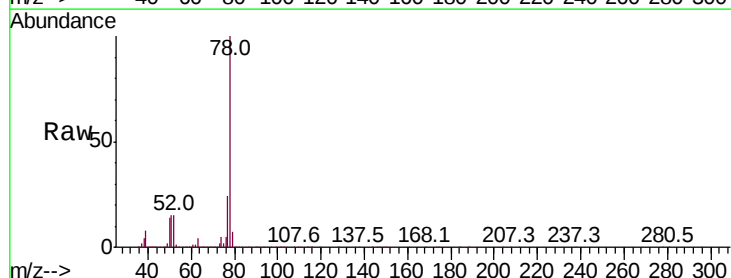


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

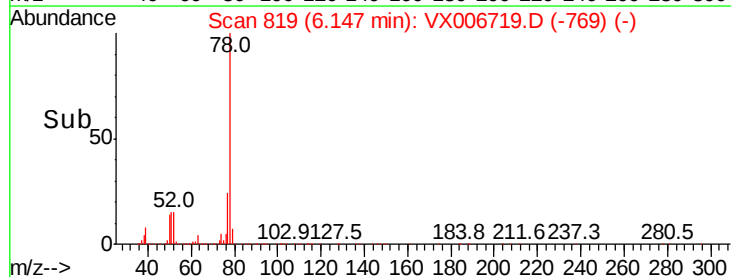
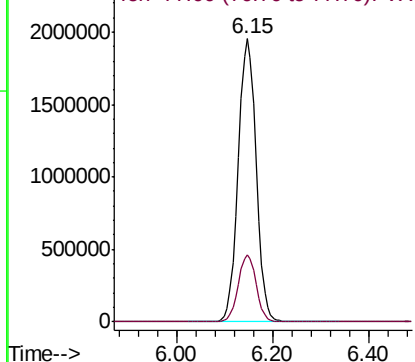


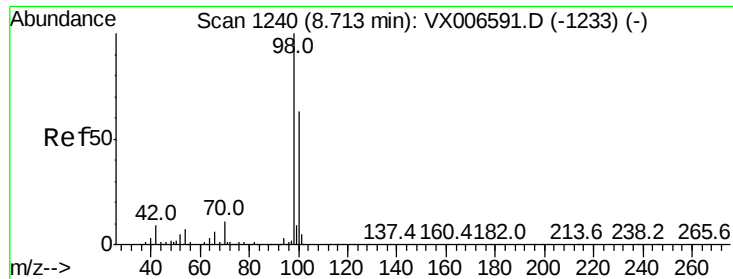
#40
Benzene
Concen: 193.593 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006719.D
Acq: 21 Dec 2018 13:16

Tgt Ion: 78 Resp: 5092311
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

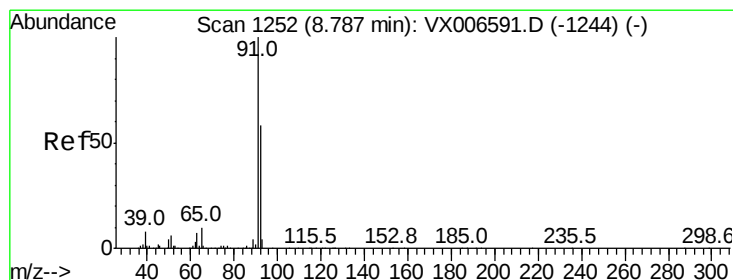
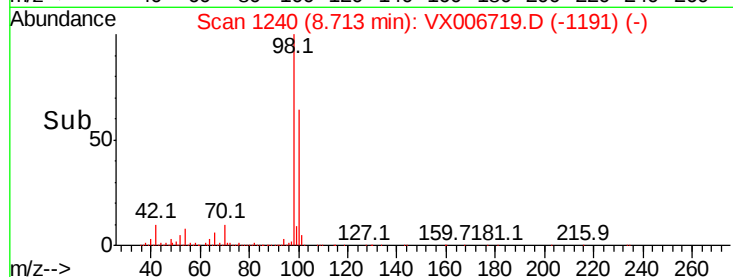
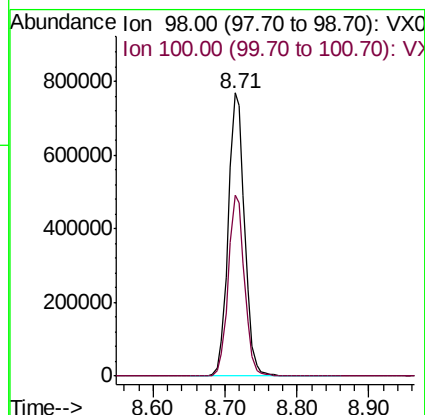
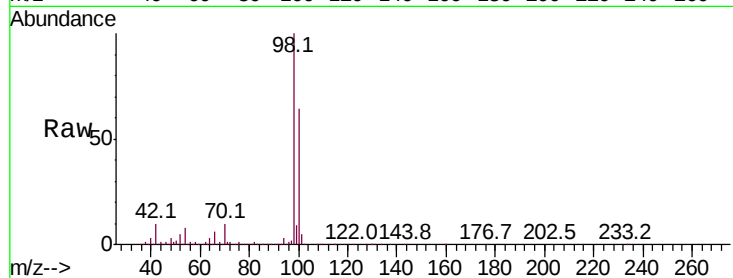




#50
Toluene-d8
Concen: 49.103 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006719.D
Acq: 21 Dec 2018 13:16

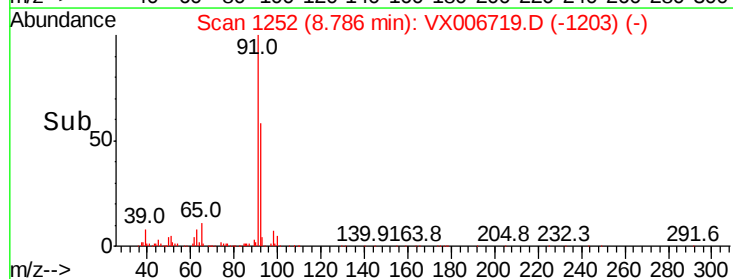
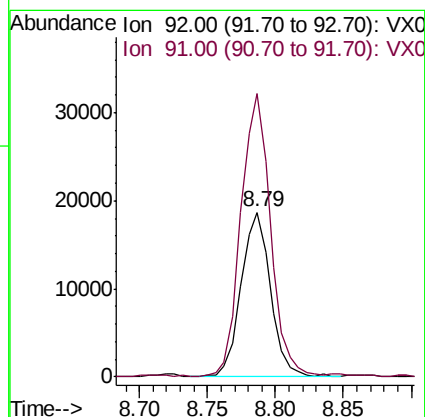
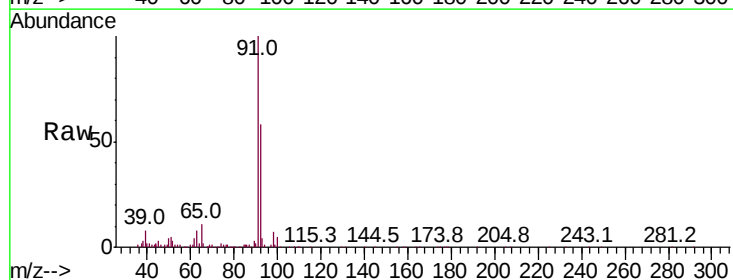
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

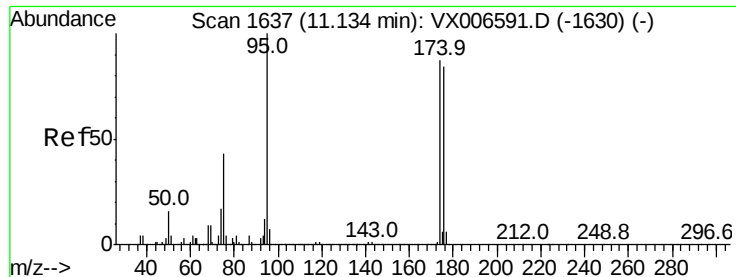
Tot Ion: 98 Resp: 1223144
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#52
Toluene
Concen: 1.664 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006719.D
Acq: 21 Dec 2018 13:16

Tgt Ion: 92 Resp: 28282
Ion Ratio Lower Upper
92 100
91 173.5 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 46.342 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006719.D

Acq: 21 Dec 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

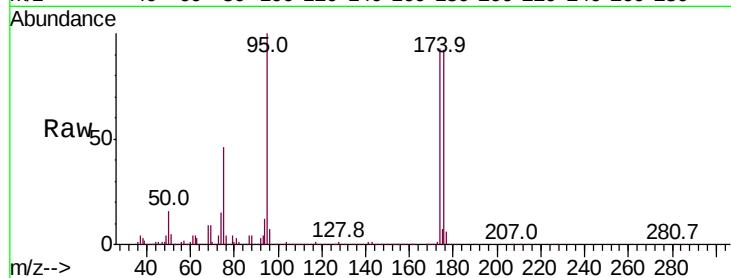
Tot Ion: 95 Resp: 422780

Ion Ratio Lower Upper

95 100

174 90.0 0.0 182.2

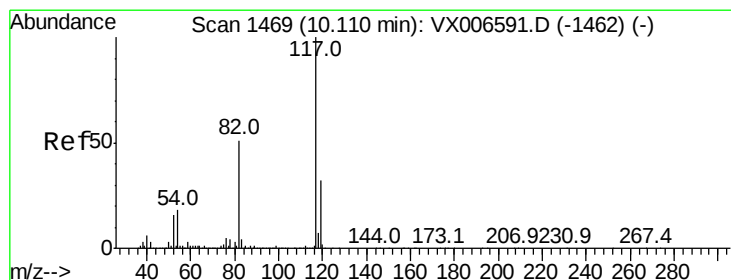
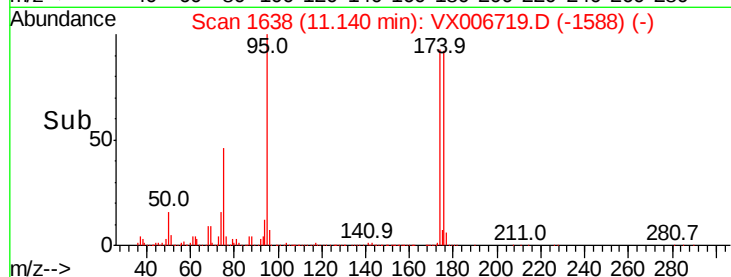
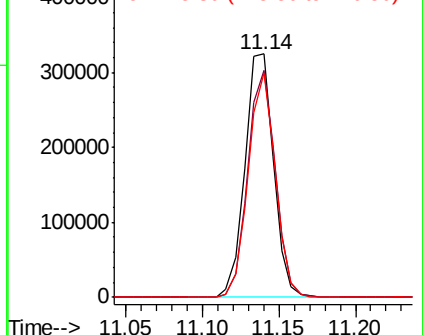
176 87.6 0.0 178.8



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. 0.01 min

Lab File: VX006719.D

Acq: 21 Dec 2018 13:16

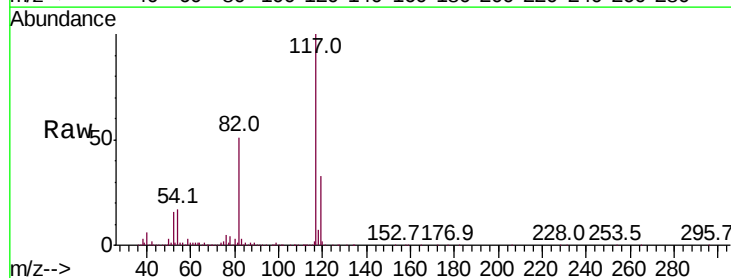
Tgt Ion: 117 Resp: 931493

Ion Ratio Lower Upper

117 100

82 50.9 41.0 61.6

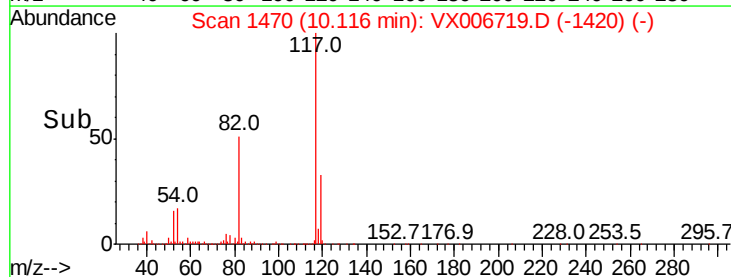
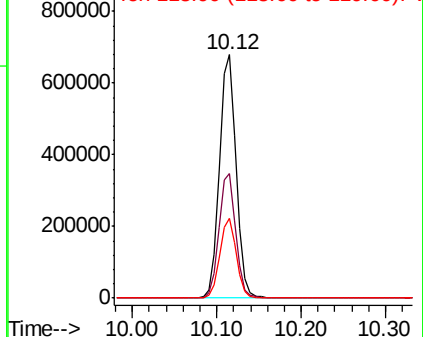
119 32.8 25.4 38.0

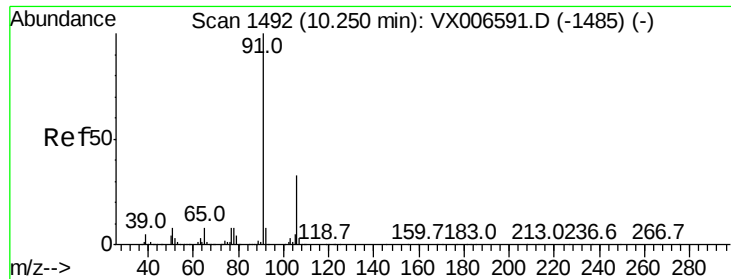


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

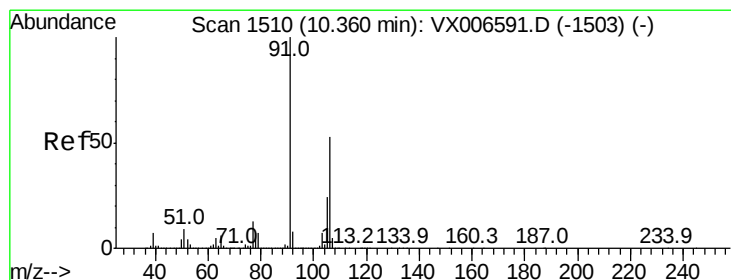
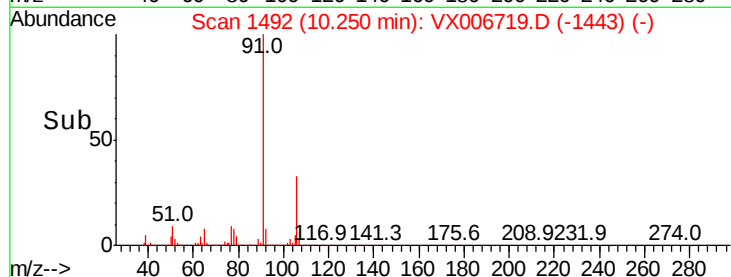
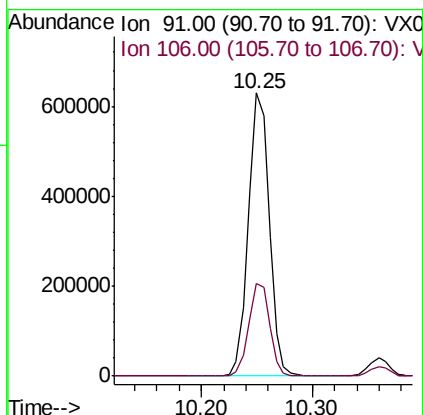
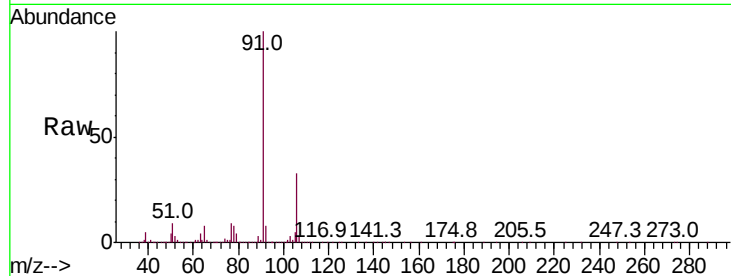




#67
Ethyl Benzene
Concen: 25.640 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006719.D
Acq: 21 Dec 2018 13:16

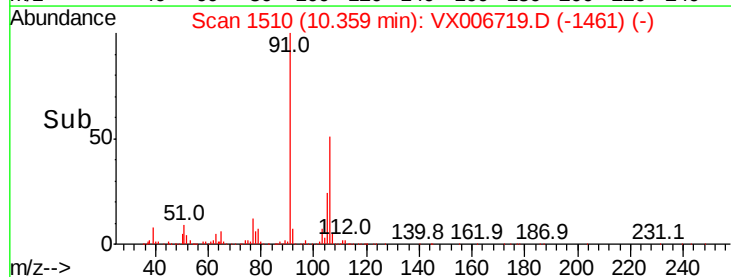
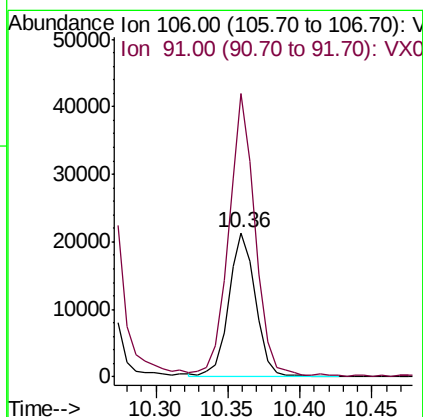
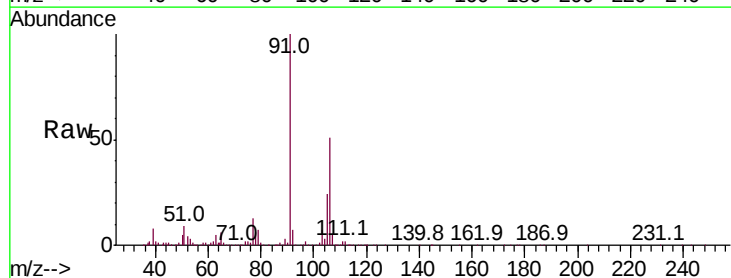
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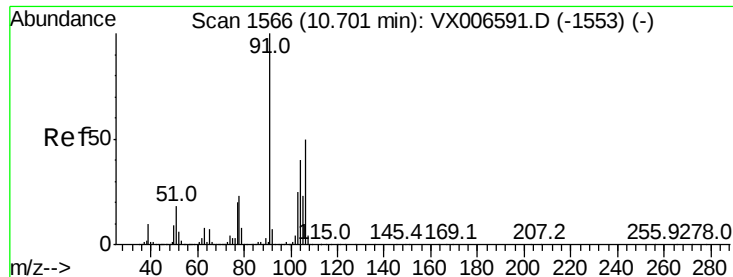
Tot Ion: 91 Resp: 825661
Ion Ratio Lower Upper
91 100
106 32.7 26.4 39.6



#68
m/p-Xylenes
Concen: 2.212 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006719.D
Acq: 21 Dec 2018 13:16

Tgt Ion: 106 Resp: 28104
Ion Ratio Lower Upper
106 100
91 189.1 155.8 233.6

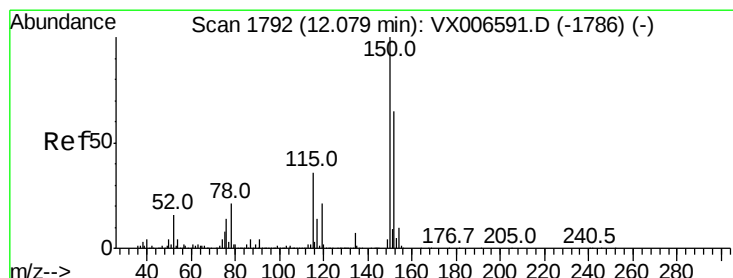
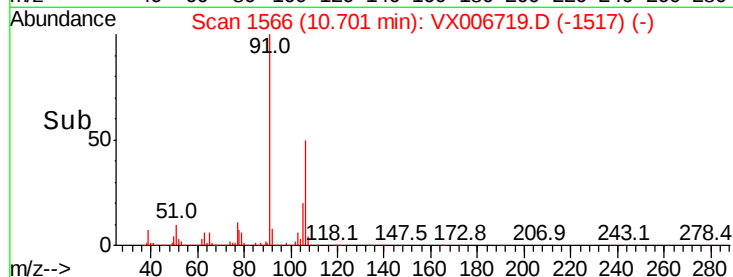
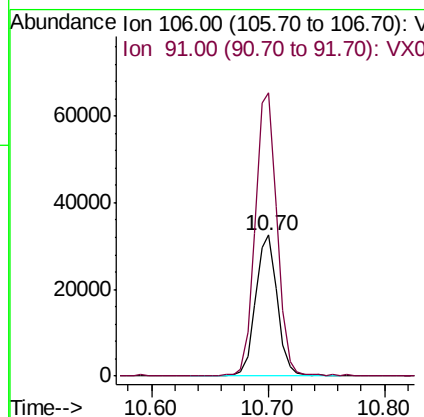
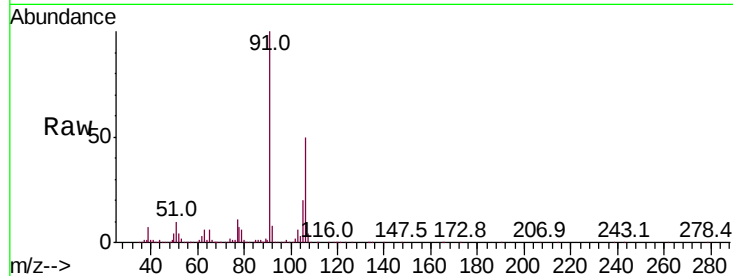




#69
o-Xylene
Concen: 3.397 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006719.D
Acq: 21 Dec 2018 13:16

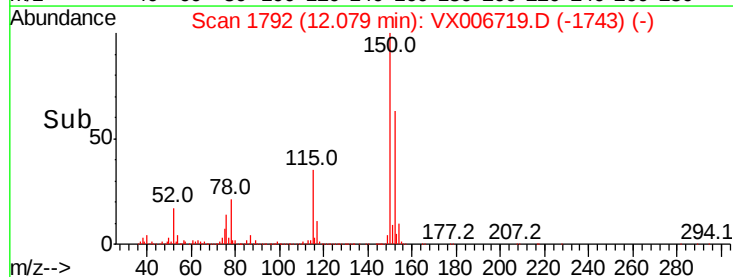
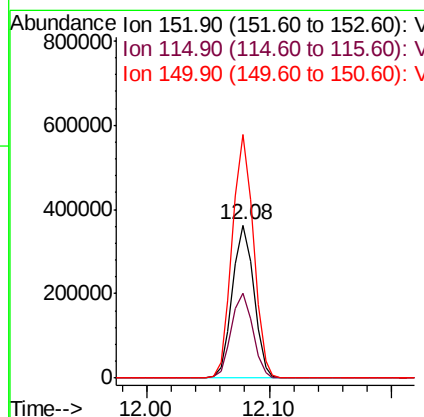
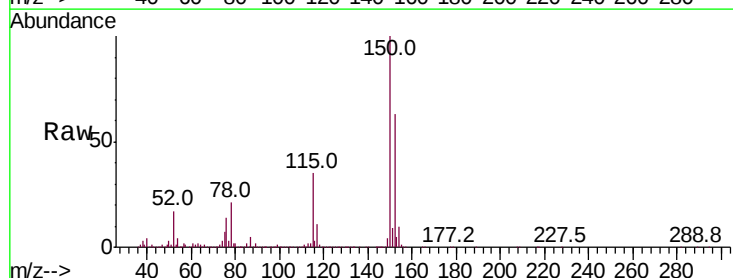
Instrument :
MSVOA_X
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QNWP8-MW27S-GW

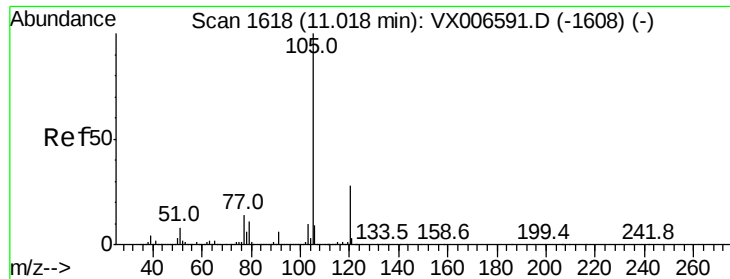
Tot Ion:106 Resp: 42626
Ion Ratio Lower Upper
106 100
91 200.0 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006719.D
Acq: 21 Dec 2018 13:16

Tgt Ion:152 Resp: 439053
Ion Ratio Lower Upper
152 100
115 55.6 39.1 117.2
150 157.3 0.0 344.8





#73

Isopropylbenzene

Concen: 4.964 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006719.D

Acq: 21 Dec 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

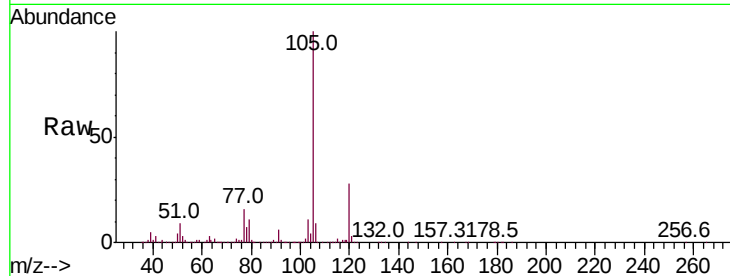
QNWP8-MW27S-GW

Tot Ion:105 Resp: 149103

Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

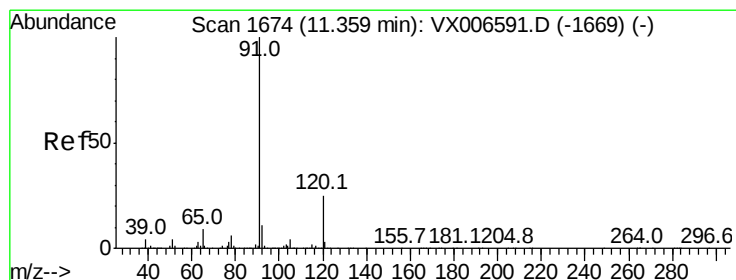
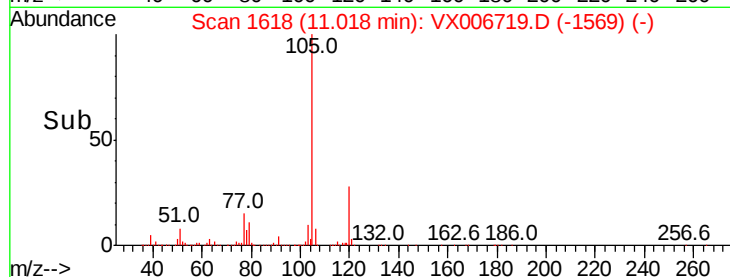
100000

50000

0

Time-->

10.90 11.00 11.10



#78

n-propylbenzene

Concen: 1.179 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006719.D

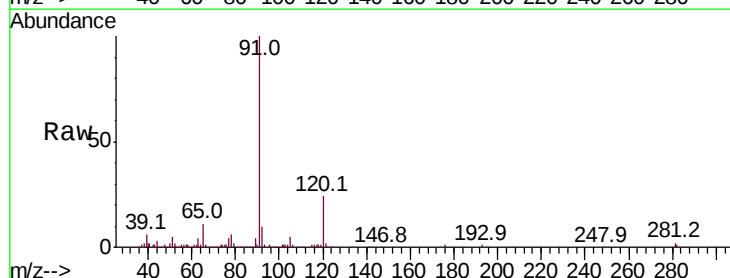
Acq: 21 Dec 2018 13:16

Tgt Ion: 91 Resp: 38995

Ion Ratio Lower Upper

91 100

120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

30000

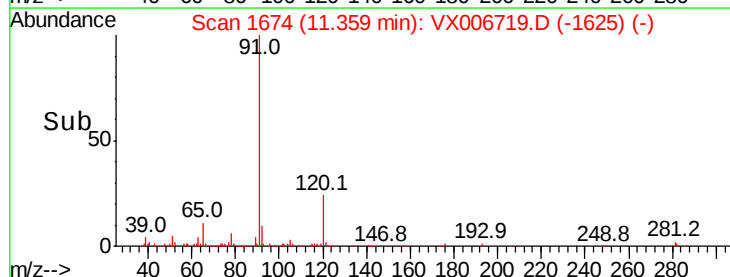
20000

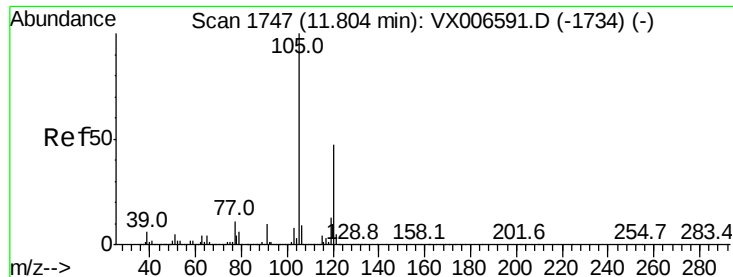
10000

0

Time-->

11.30 11.35 11.40





#84

1,2,4-Trimethylbenzene

Concen: 3.026 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006719.D

Acq: 21 Dec 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

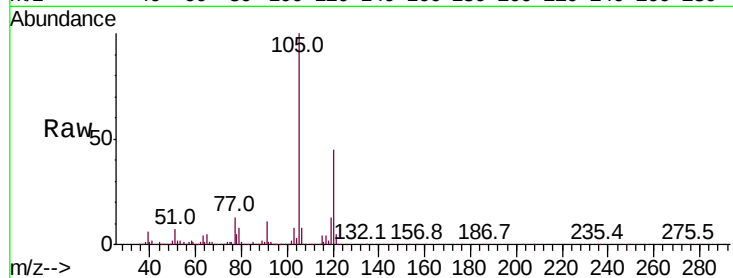
QNWP8-MW27S-GW

Tot Ion:105 Resp: 78739

Ion Ratio Lower Upper

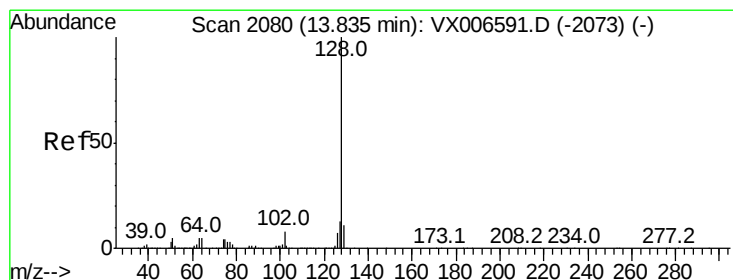
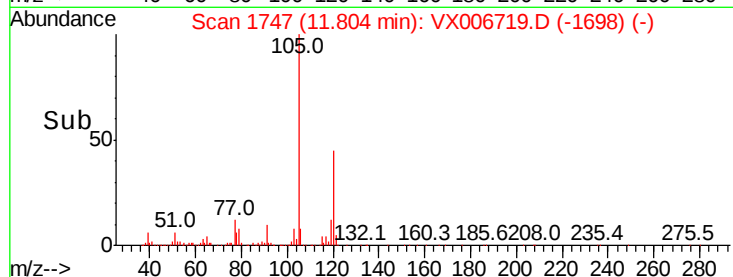
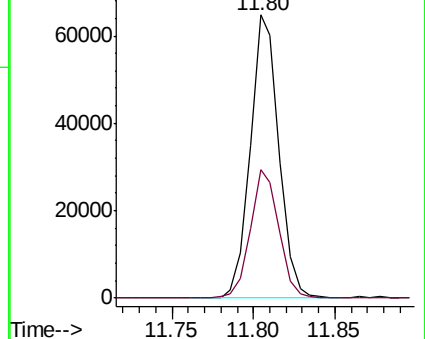
105 100

120 45.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 57.704 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006719.D

Acq: 21 Dec 2018 13:16

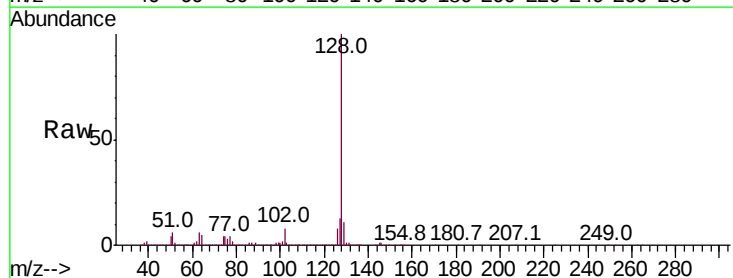
Tgt Ion:128 Resp: 1859906

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.0 8.6 13.0



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

