

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 Data File : VX007765.D
 Acq On : 28 Feb 2019 14:39
 Operator : JC/SP
 Sample : K1653-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

Quant Time: Mar 01 07:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	327935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	504685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	479131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235338	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	191846	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
35) Dibromofluoromethane	5.51	113	164960	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
50) Toluene-d8	8.71	98	620422	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.13	95	229411	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	

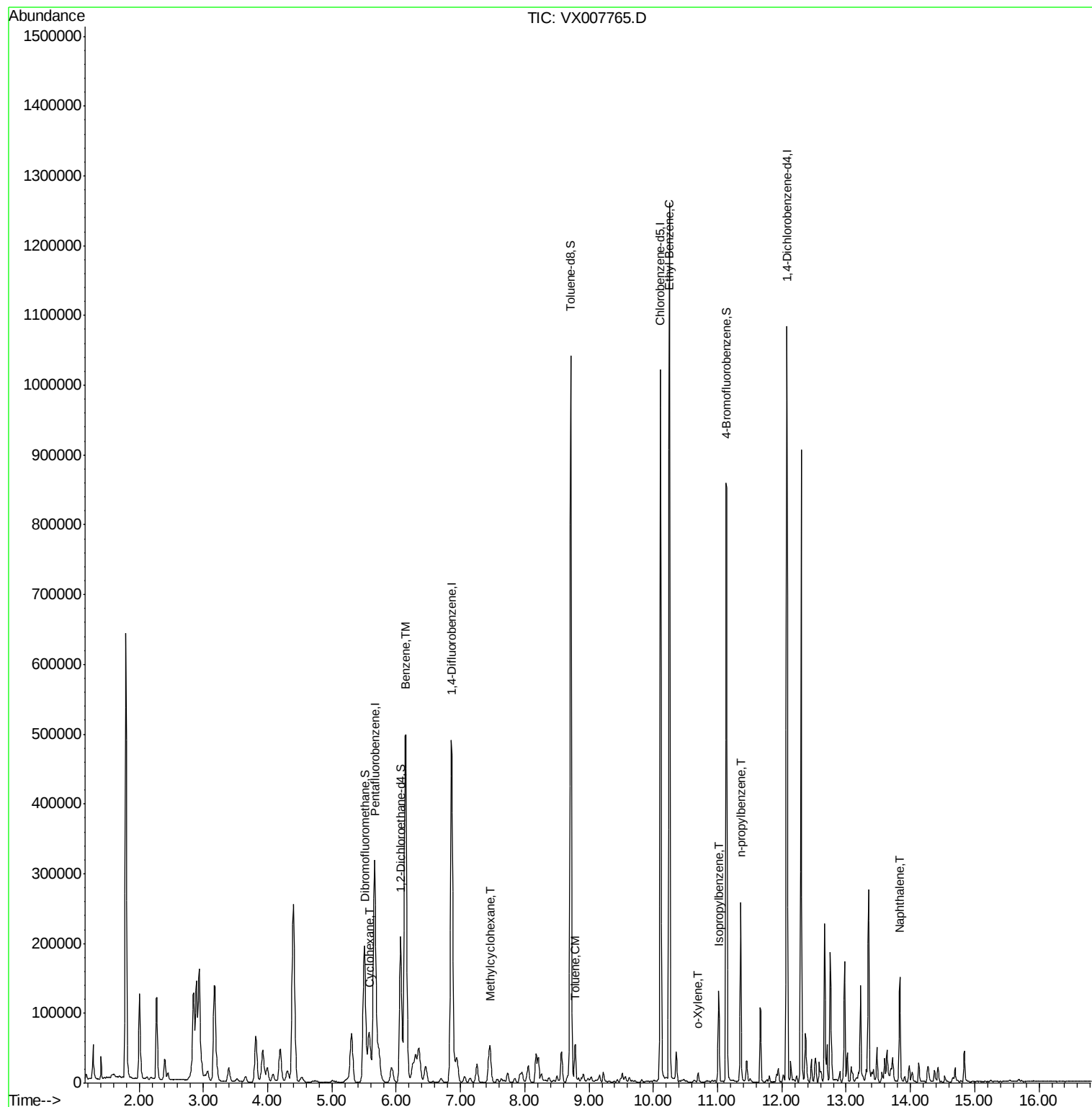
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	47802	8.469	ug/l	98
39) Methylcyclohexane	7.46	83	21030	3.667	ug/l #	87
40) Benzene	6.15	78	600888	42.901	ug/l	100
52) Toluene	8.79	92	19555	2.214	ug/l	99
67) Ethyl Benzene	10.25	91	703383	40.975	ug/l	100
69) o-Xylene	10.69	106	2743	0.427	ug/l	86
73) Isopropylbenzene	11.02	105	62242	3.701	ug/l	100
78) n-propylbenzene	11.36	91	150722	7.930	ug/l	97
95) Naphthalene	13.83	128	92105	5.948	ug/l	99

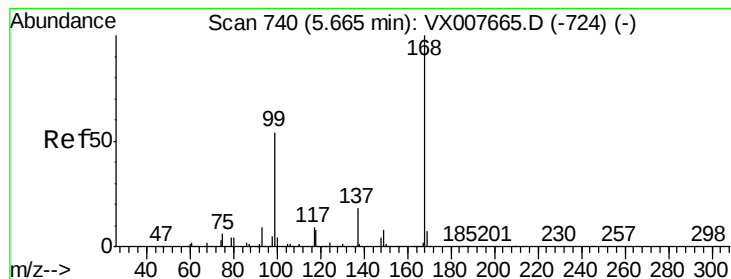
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007765.D

Acq: 28 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampled :

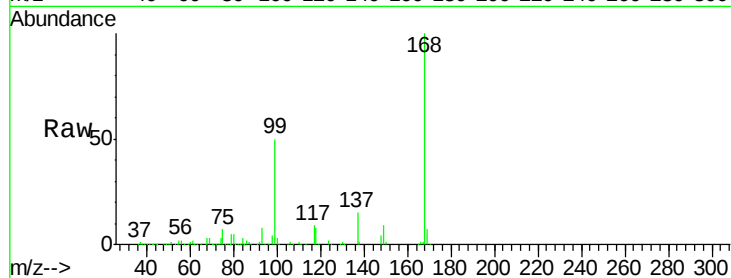
MW-2DL

Tot Ion:168 Resp: 327935

Ion Ratio Lower Upper

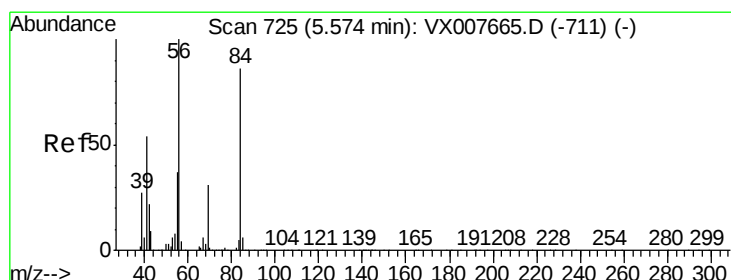
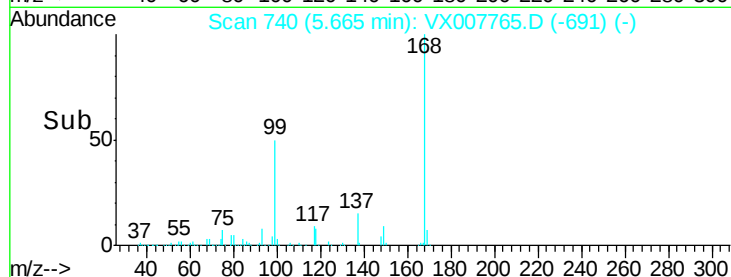
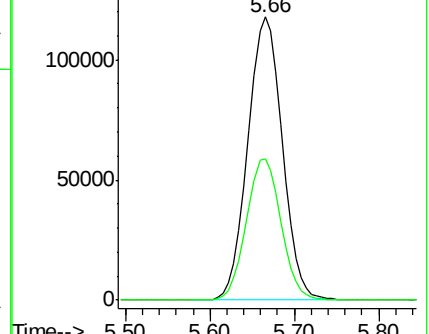
168 100

99 49.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 8.469 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007765.D

Acq: 28 Feb 2019 14:39

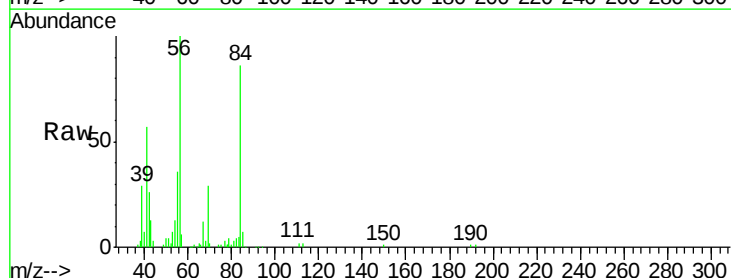
Tgt Ion: 56 Resp: 47802

Ion Ratio Lower Upper

56 100

69 25.7 23.0 34.6

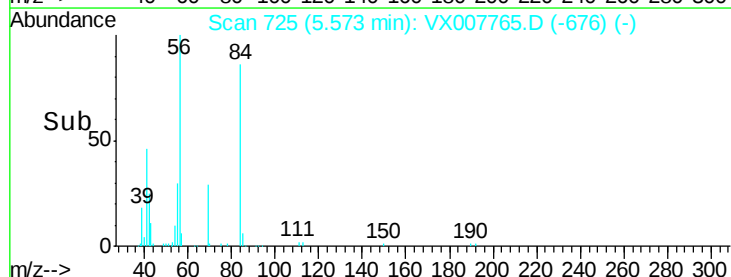
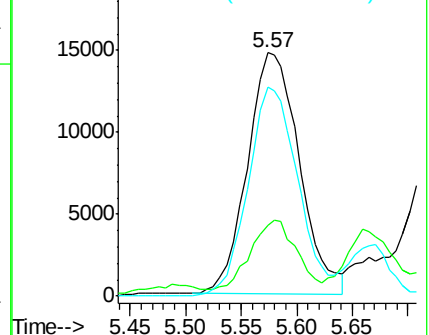
84 86.6 69.8 104.6

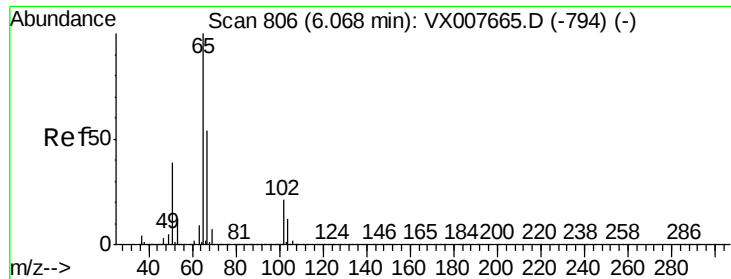


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.229 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007765.D

Acq: 28 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

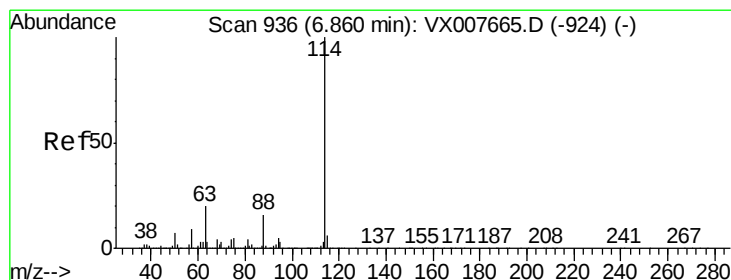
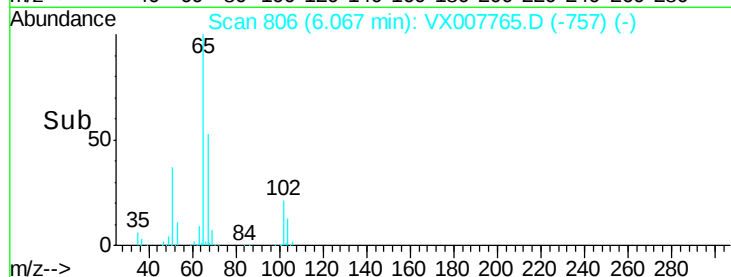
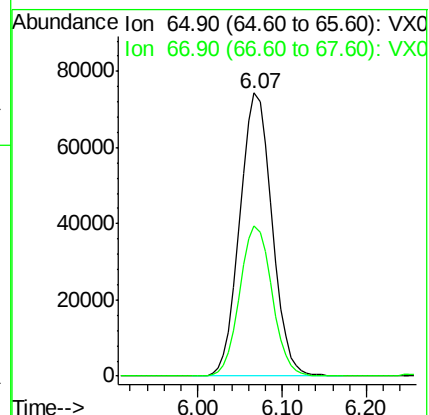
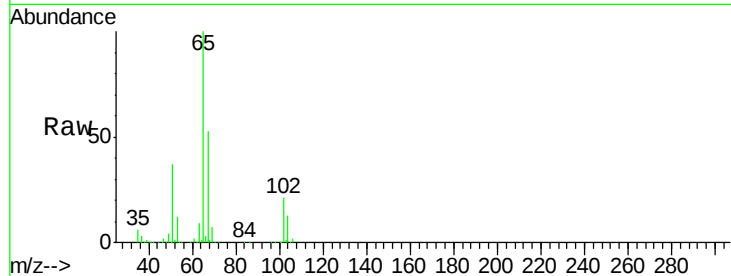
MW-2DL

Tot Ion: 65 Resp: 191846

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007765.D

Acq: 28 Feb 2019 14:39

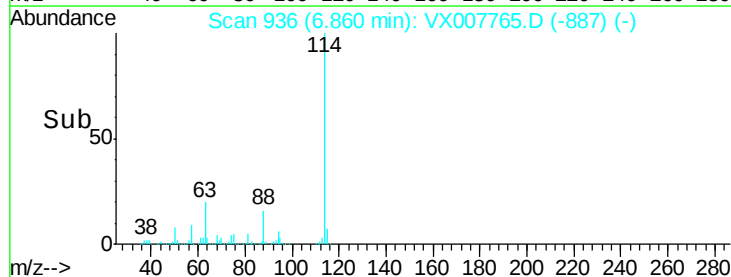
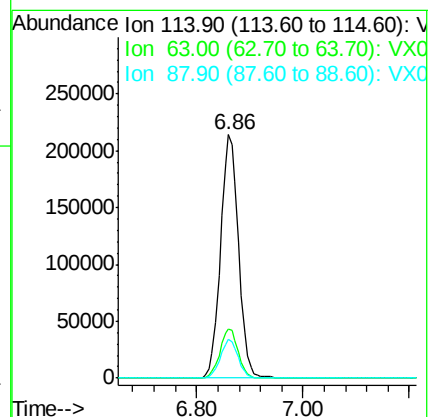
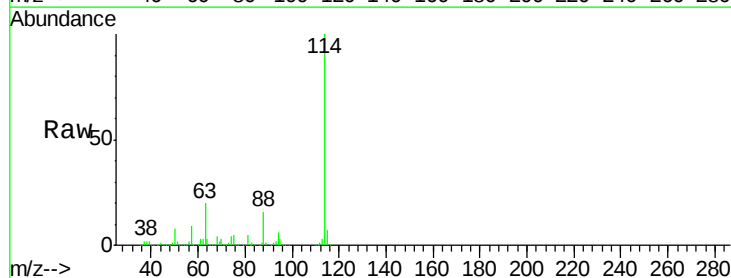
Tgt Ion: 114 Resp: 504685

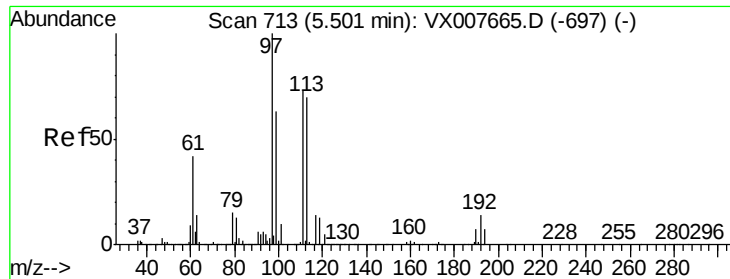
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

88 15.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.896 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007765.D

Acq: 28 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

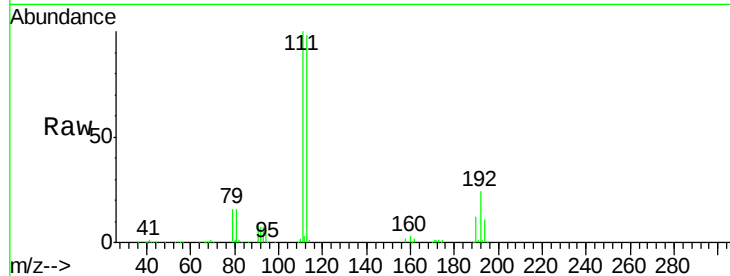
Tot Ion:113 Resp: 164960

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

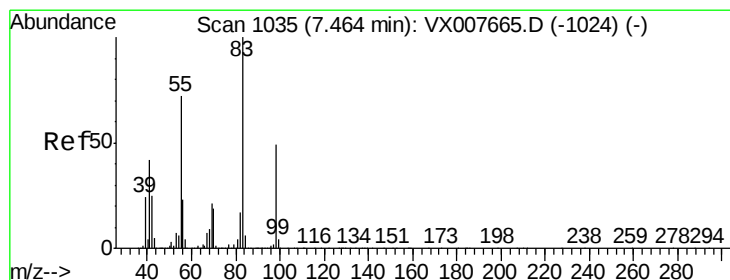
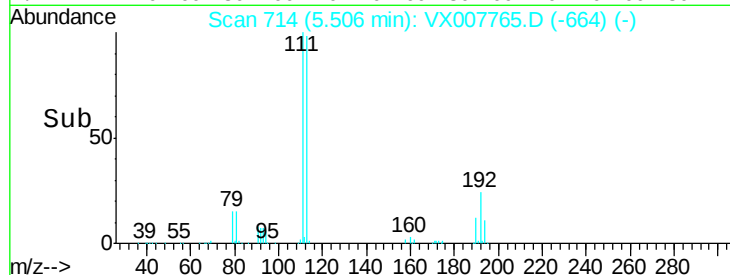
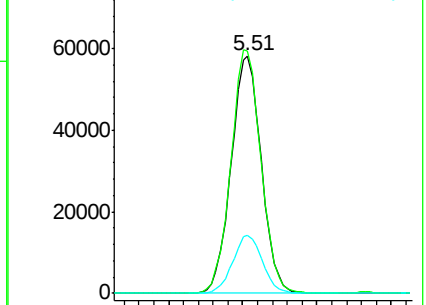
192 24.1 18.5 27.7



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

Methylcyclohexane

Concen: 3.667 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX007765.D

Acq: 28 Feb 2019 14:39

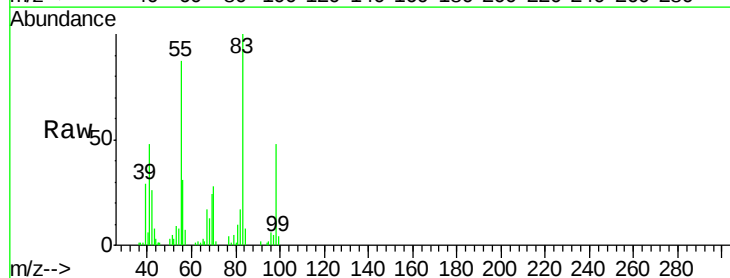
Tgt Ion: 83 Resp: 21030

Ion Ratio Lower Upper

83 100

55 87.0 56.2 84.2#

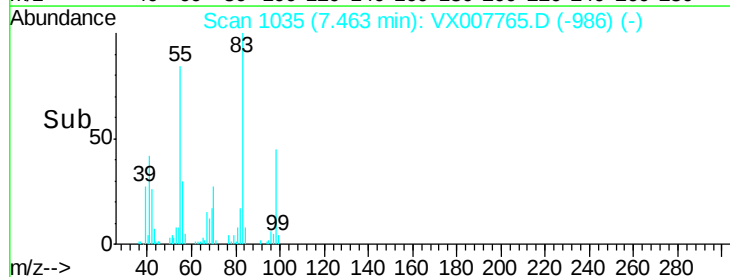
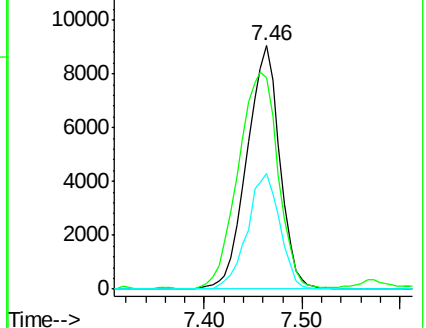
98 47.6 36.8 55.2

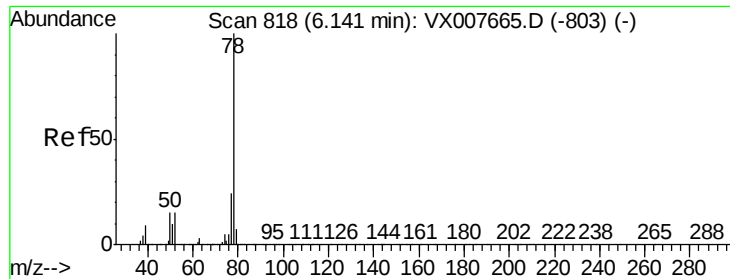


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 42.901 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007765.D

Acq: 28 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

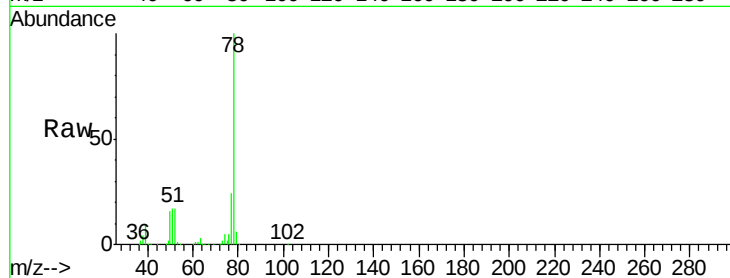
MW-2DL

Tot Ion: 78 Resp: 600888

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

250000

200000

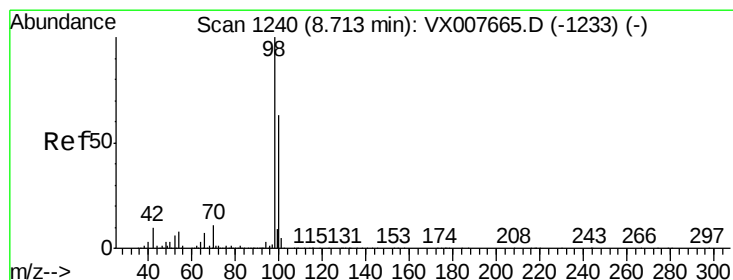
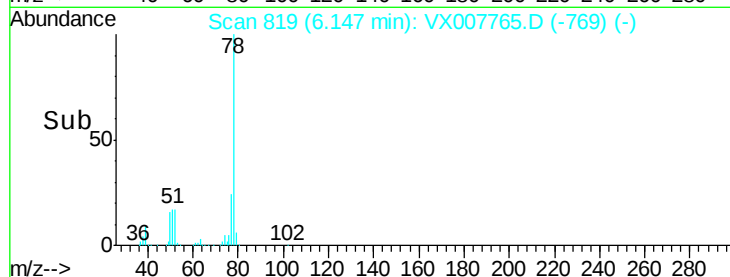
150000

100000

50000

0

Time--> 6.00 6.10 6.20 6.30



#50

Toluene-d8

Concen: 48.036 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007765.D

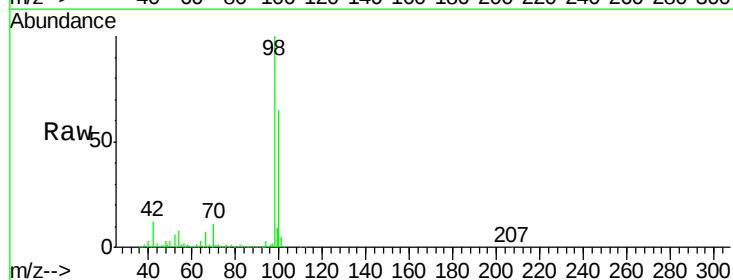
Acq: 28 Feb 2019 14:39

Tgt Ion: 98 Resp: 620422

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

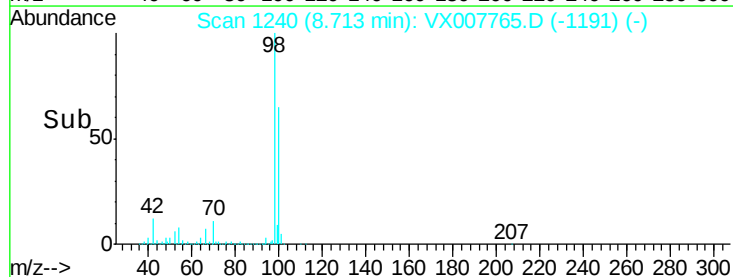
300000

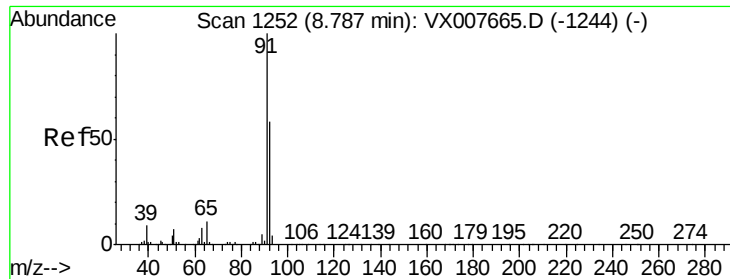
200000

100000

0

Time--> 8.60 8.70 8.80





#52

Toluene

Concen: 2.214 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007765.D

Acq: 28 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

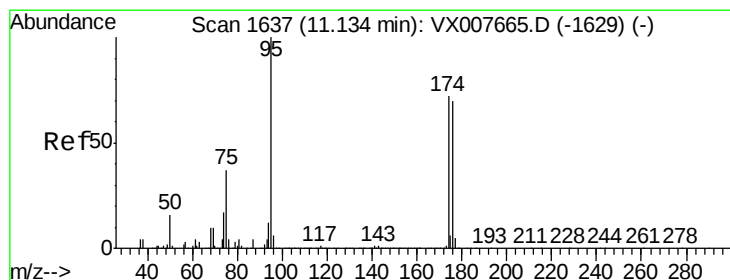
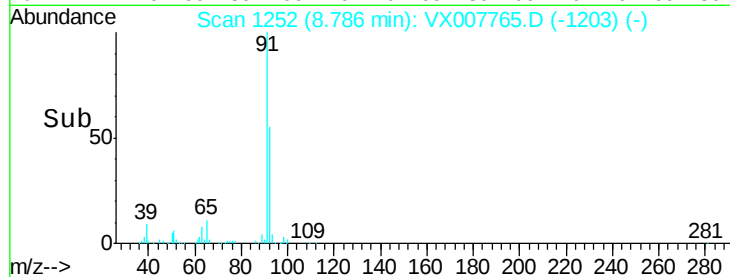
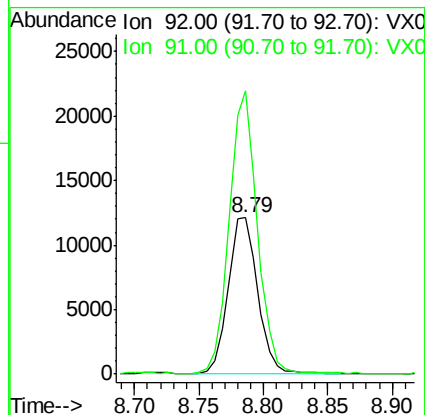
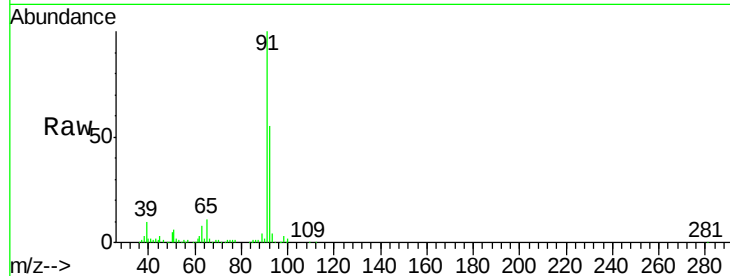
MW-2DL

Tot Ion: 92 Resp: 19555

Ion Ratio Lower Upper

92 100

91 172.1 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 48.394 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007765.D

Acq: 28 Feb 2019 14:39

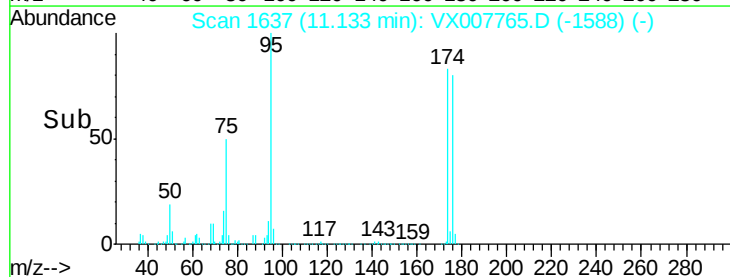
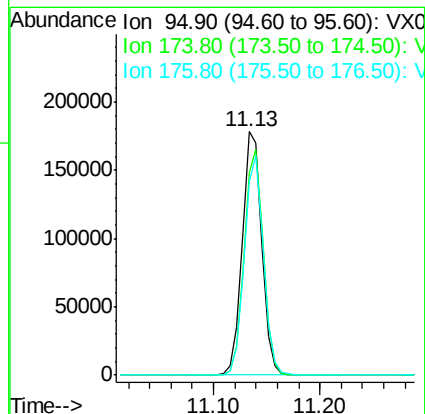
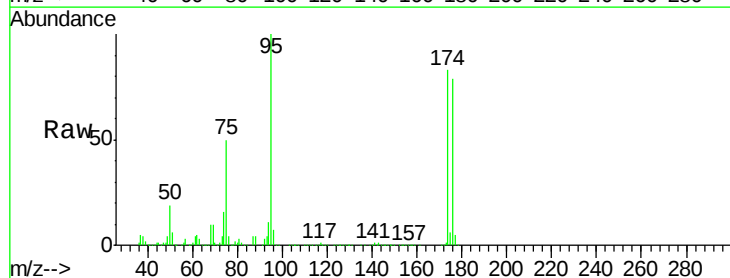
Tgt Ion: 95 Resp: 229411

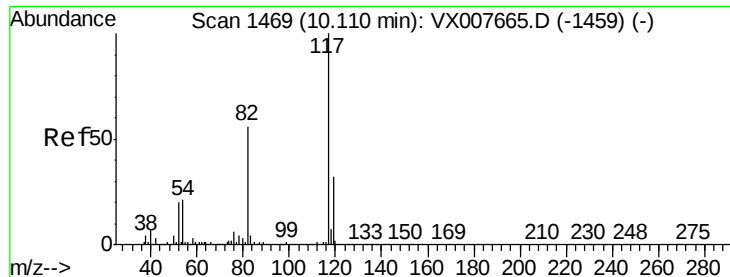
Ion Ratio Lower Upper

95 100

174 91.0 0.0 189.2

176 88.2 0.0 186.2

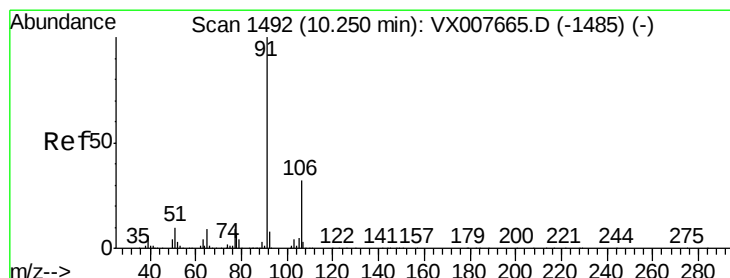
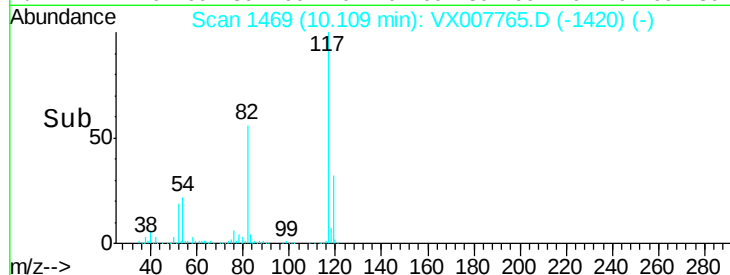
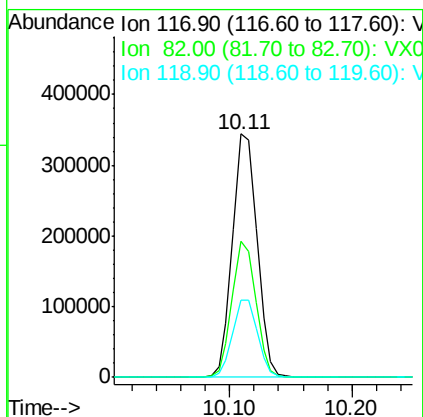
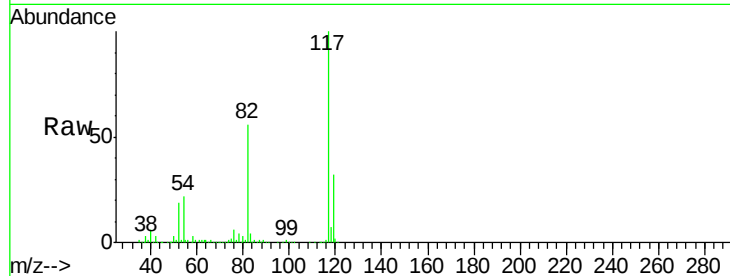




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007765.D
Acq: 28 Feb 2019 14:39

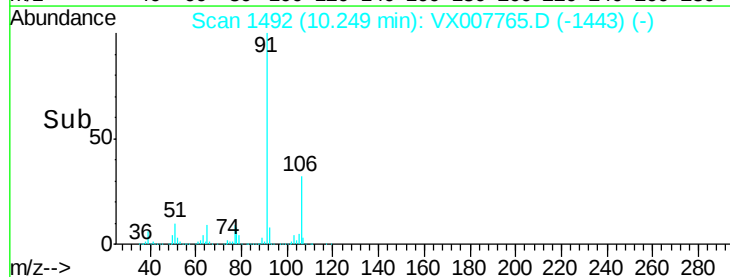
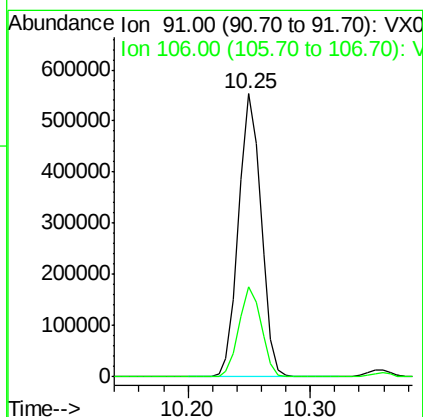
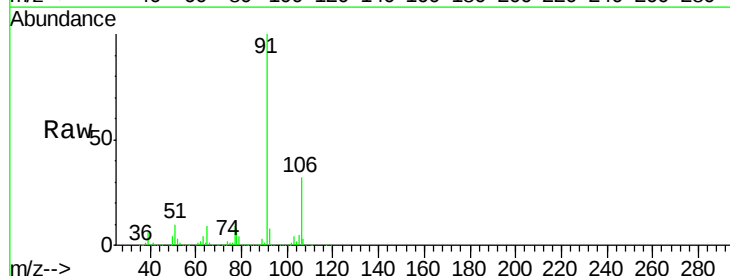
Instrument :
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MW-2DL

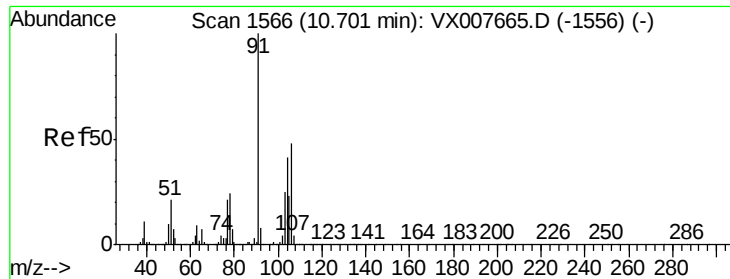
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	42.1	63.1
119	31.8	26.5	39.7



#67
Ethyl Benzene
Concen: 40.975 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007765.D
Acq: 28 Feb 2019 14:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.4	38.0

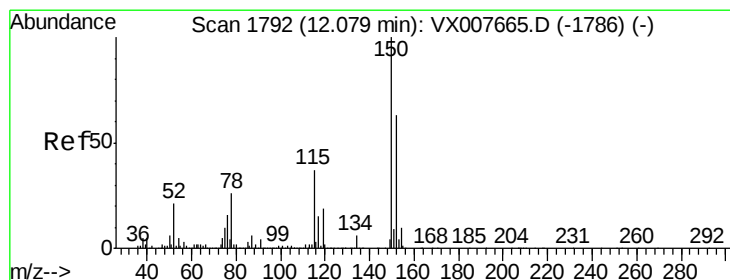
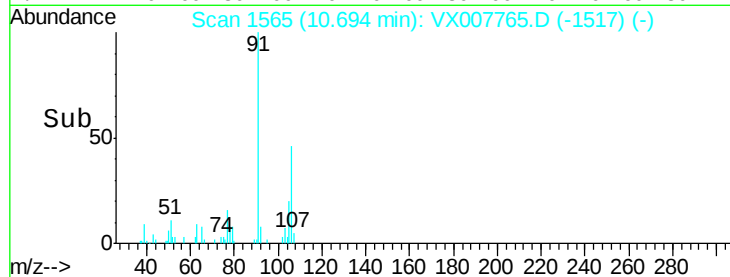
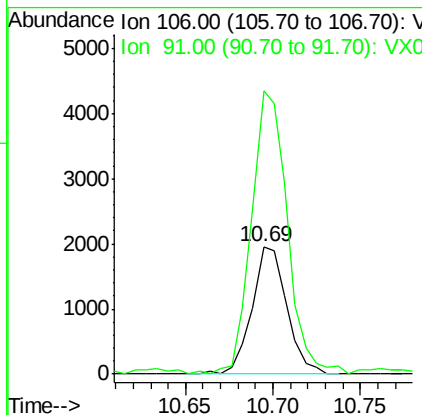
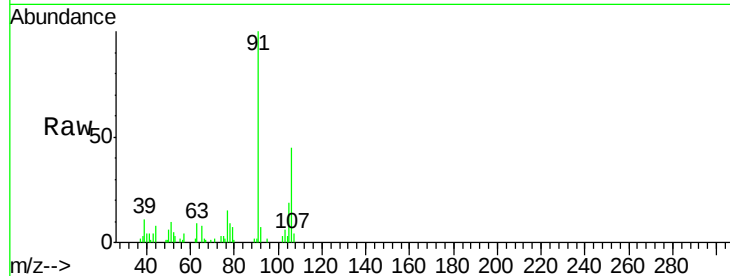




#69
o-Xylene
Concen: 0.427 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007765.D
Acq: 28 Feb 2019 14:39

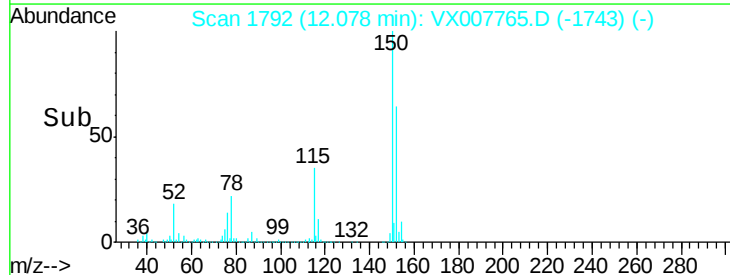
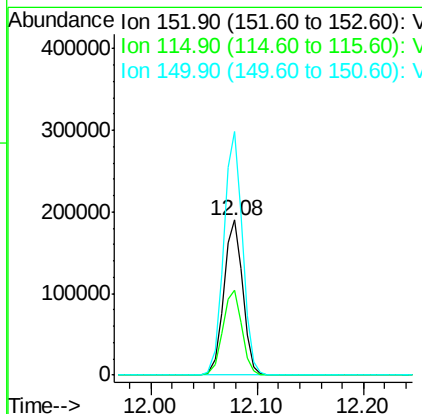
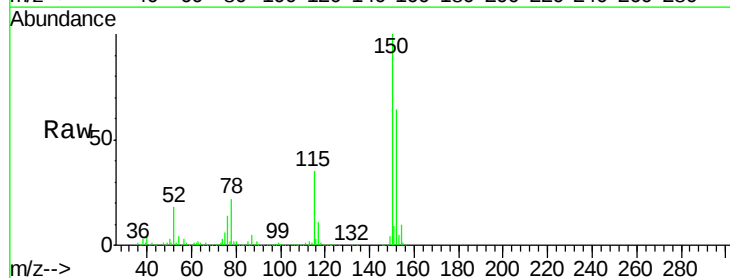
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

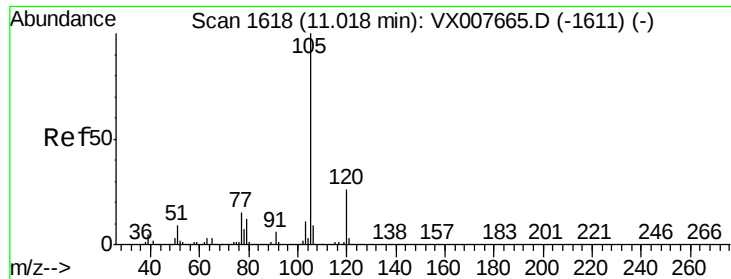
Tot Ion:106 Resp: 2743
Ion Ratio Lower Upper
106 100
91 227.2 102.9 308.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007765.D
Acq: 28 Feb 2019 14:39

Tgt Ion:152 Resp: 235338
Ion Ratio Lower Upper
152 100
115 55.2 38.0 114.0
150 156.3 0.0 346.4





#73

Isopropylbenzene

Concen: 3.701 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007765.D

Acq: 28 Feb 2019 14:39

Instrument :

MSVOA_X

ClientSampled :

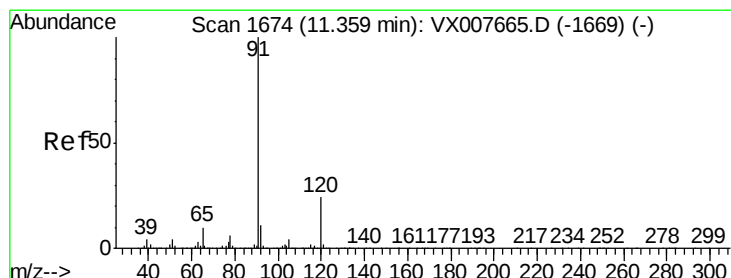
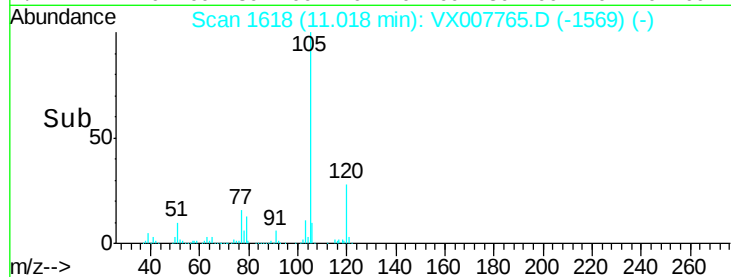
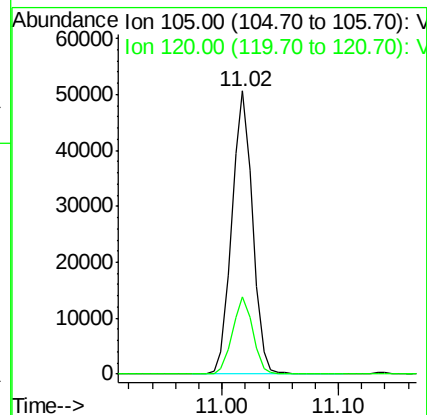
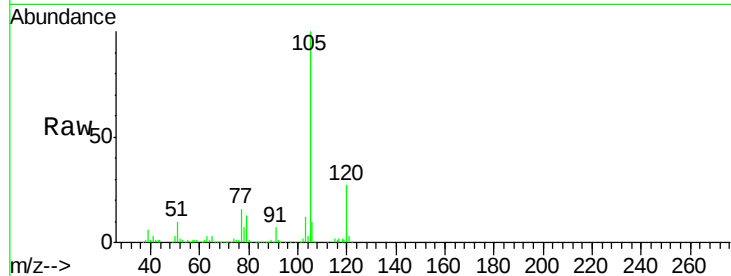
MW-2DL

Tot Ion:105 Resp: 62242

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#78

n-propylbenzene

Concen: 7.930 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007765.D

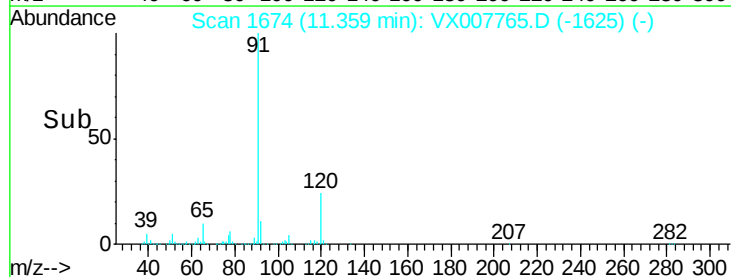
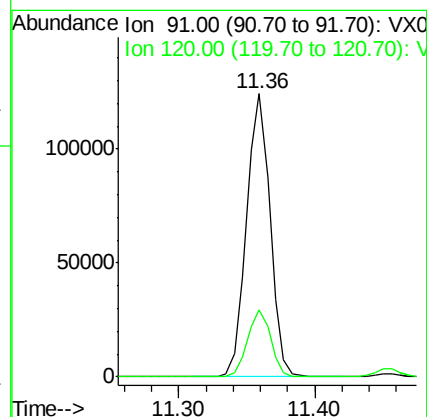
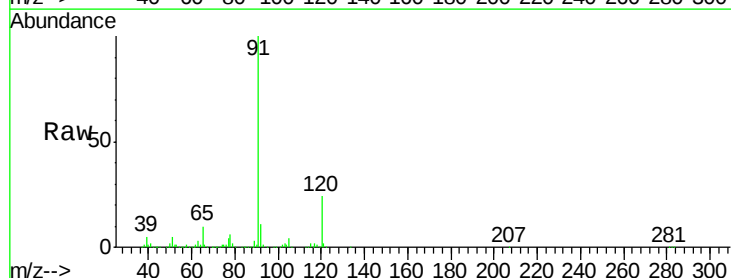
Acq: 28 Feb 2019 14:39

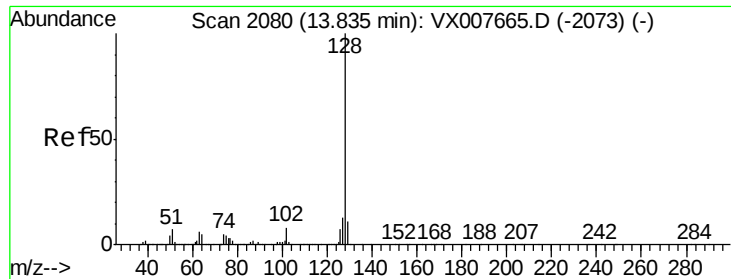
Tgt Ion: 91 Resp: 150722

Ion Ratio Lower Upper

91 100

120 23.5 12.4 37.2





#95
Naphthalene
Concen: 5.948 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007765.D
Acq: 28 Feb 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.7	8.7	13.1

