

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 Data File : VX007764.D
 Acq On : 28 Feb 2019 14:12
 Operator : JC/SP
 Sample : K1653-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Mar 01 02:43:26 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	325387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	503033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	476833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226038	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	194355	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
35) Dibromofluoromethane	5.51	113	164480	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	618690	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.13	95	225939	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	

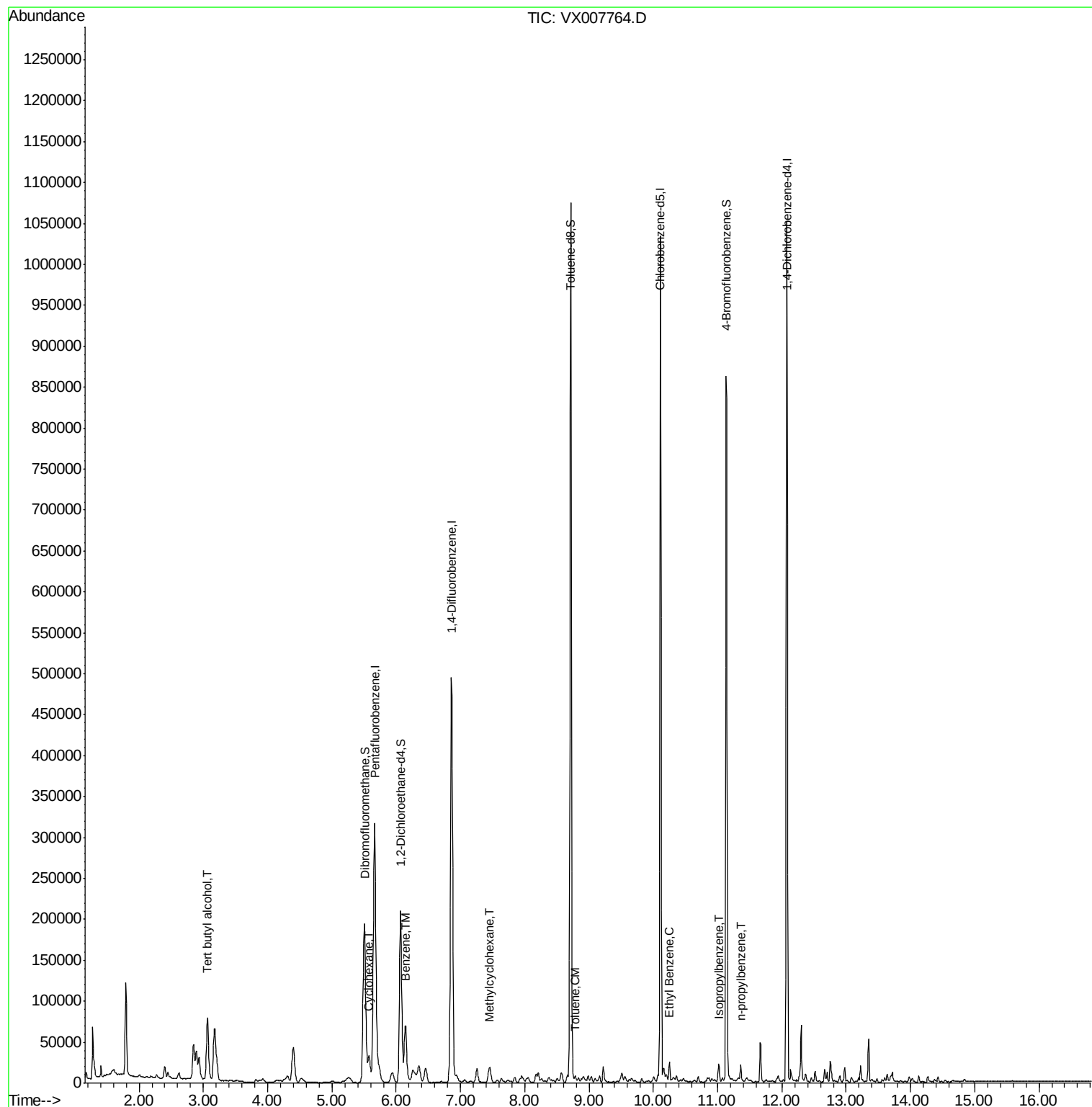
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	90969	118.956	ug/l	99
31) Cyclohexane	5.58	56	19502	3.482	ug/l #	92
39) Methylcyclohexane	7.46	83	6837	1.196	ug/l #	80
40) Benzene	6.14	78	84153	6.028	ug/l	100
52) Toluene	8.79	92	1988	0.226	ug/l	91
67) Ethyl Benzene	10.25	91	13502	0.790	ug/l	95
73) Isopropylbenzene	11.02	105	8908	0.551	ug/l	99
78) n-propylbenzene	11.36	91	10330	0.566	ug/l	99

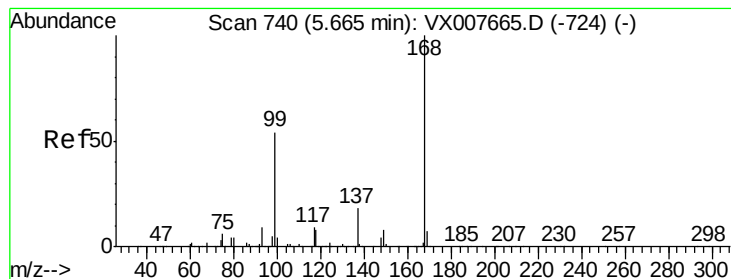
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007764.D

Acq: 28 Feb 2019 14:12

Instrument :

MSVOA_X

ClientSampleId :

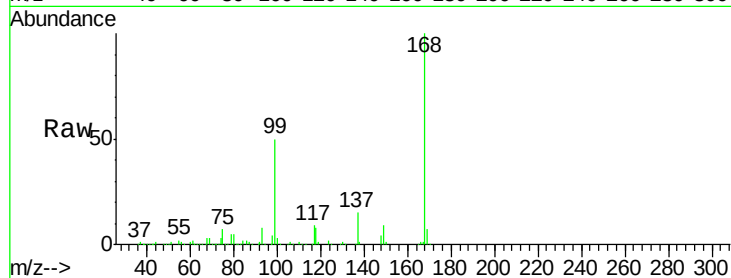
MW-7

Tot Ion:168 Resp: 325387

Ion Ratio Lower Upper

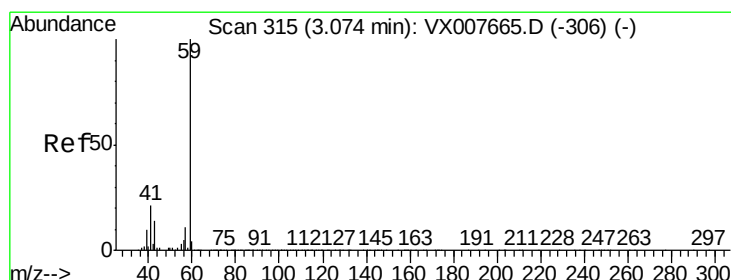
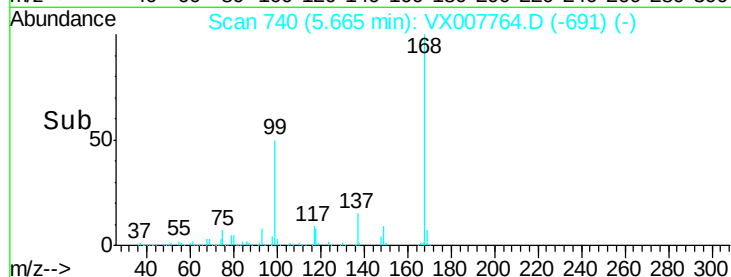
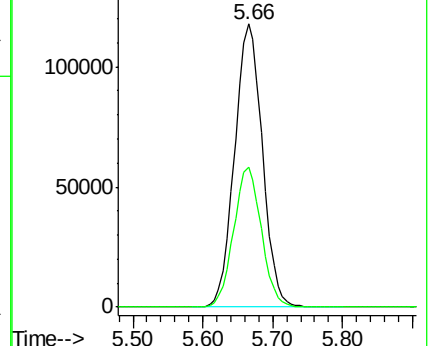
168 100

99 49.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 118.956 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX007764.D

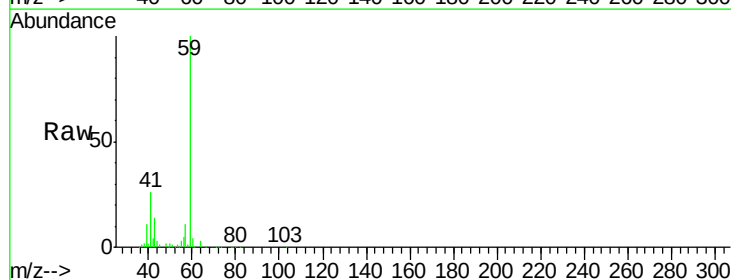
Acq: 28 Feb 2019 14:12

Tgt Ion: 59 Resp: 90969

Ion Ratio Lower Upper

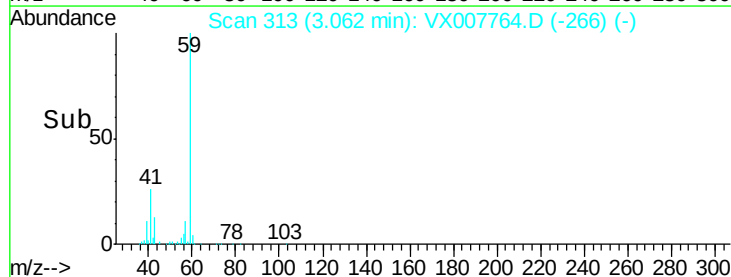
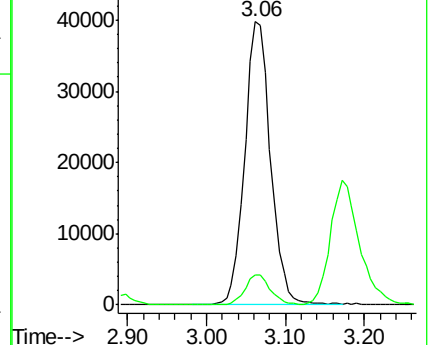
59 100

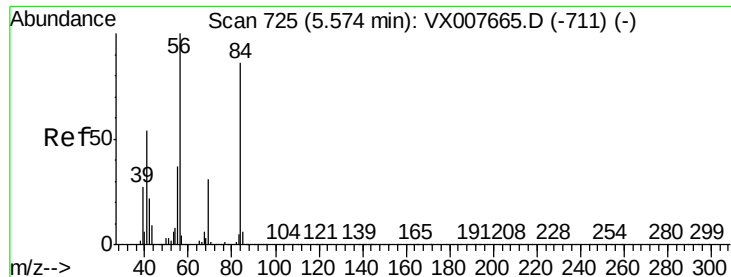
57 10.5 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#31

Cyclohexane

Concen: 3.482 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007764.D

Acq: 28 Feb 2019 14:12

Instrument :

MSVOA_X

ClientSampled :

MW-7

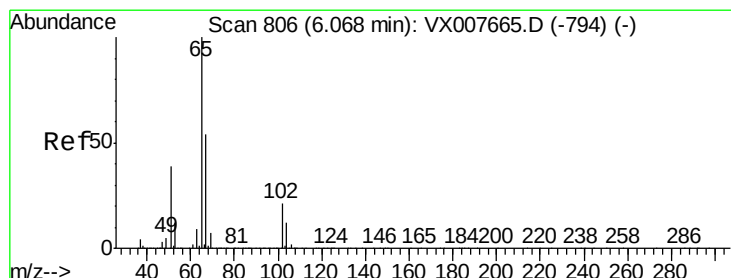
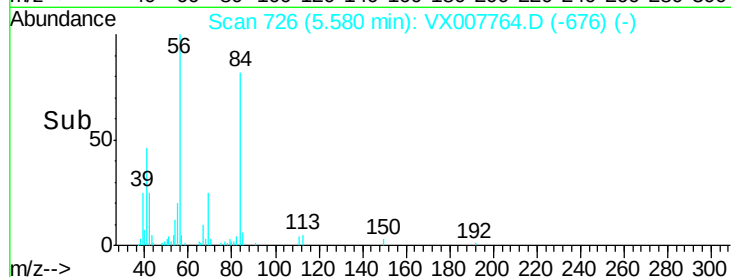
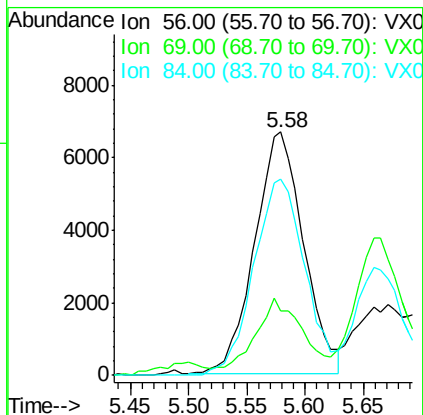
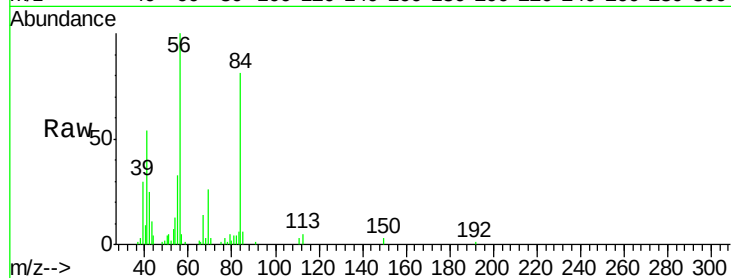
Tot Ion: 56 Resp: 19502

Ion Ratio Lower Upper

56 100

69 21.4 23.0 34.6#

84 81.4 69.8 104.6



#33

1,2-Dichloroethane-d4

Concen: 48.221 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007764.D

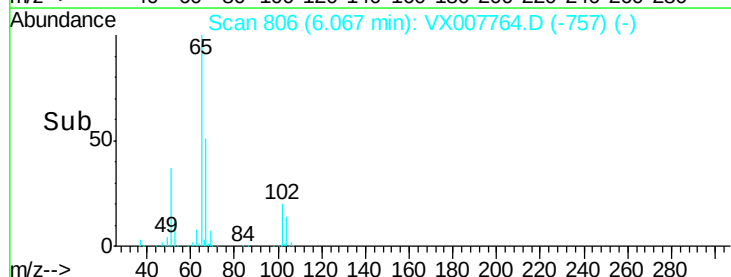
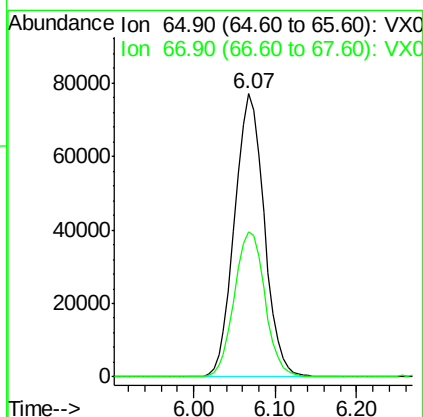
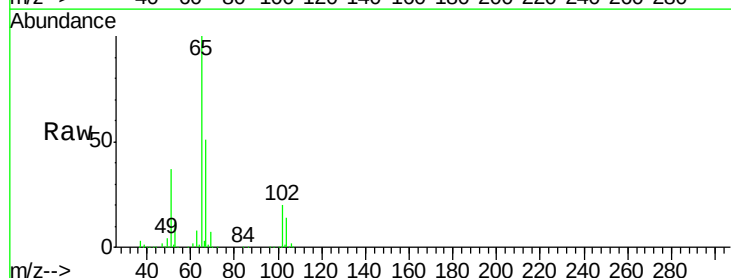
Acq: 28 Feb 2019 14:12

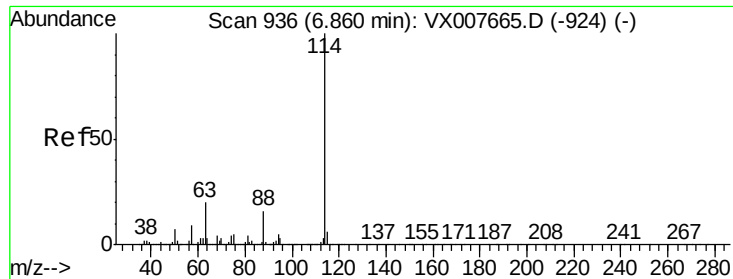
Tgt Ion: 65 Resp: 194355

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.8

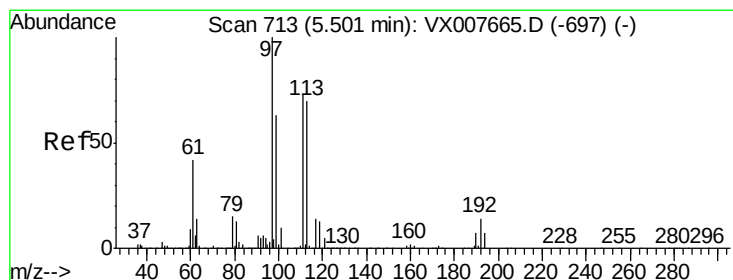
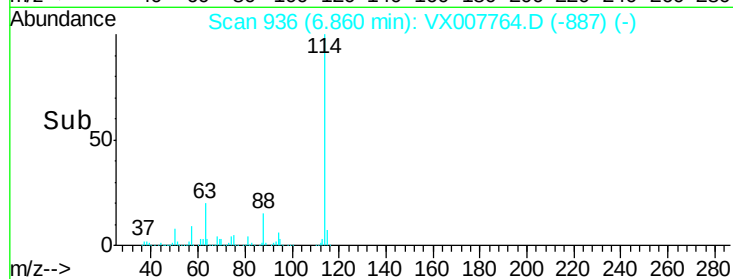
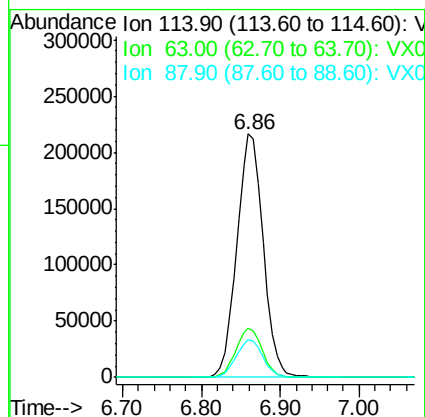
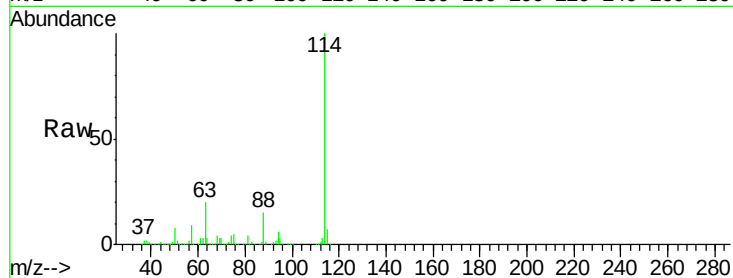




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007764.D
 Acq: 28 Feb 2019 14:12

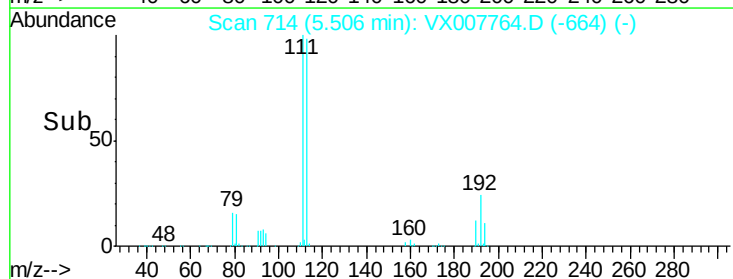
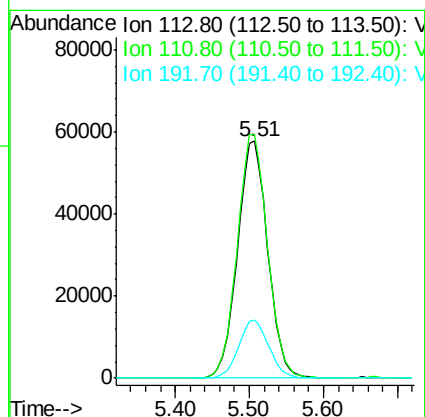
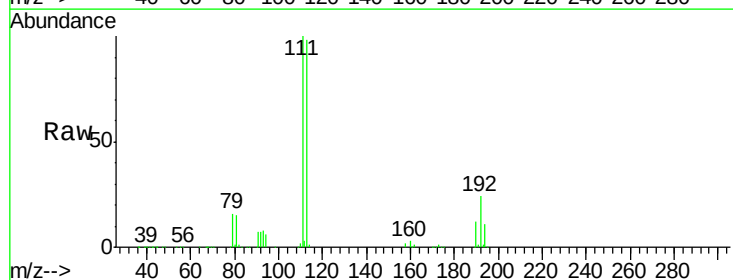
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

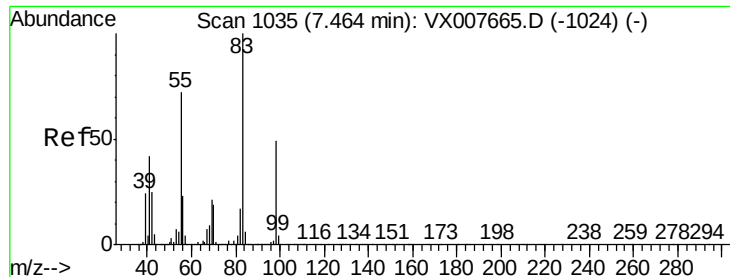
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	35.6
88	15.2	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 48.914 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007764.D
 Acq: 28 Feb 2019 14:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	24.4	18.5	27.7

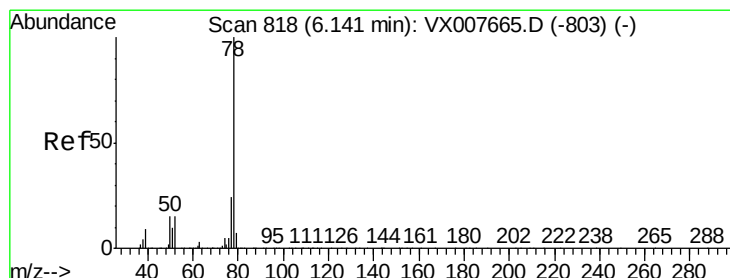
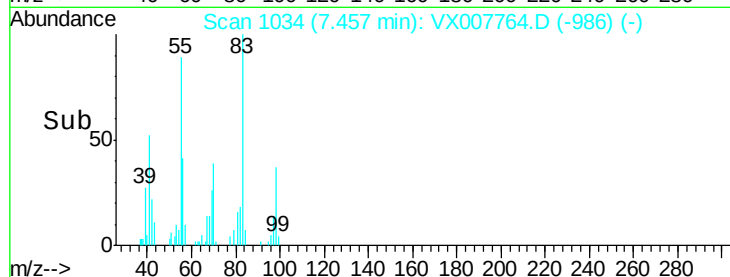
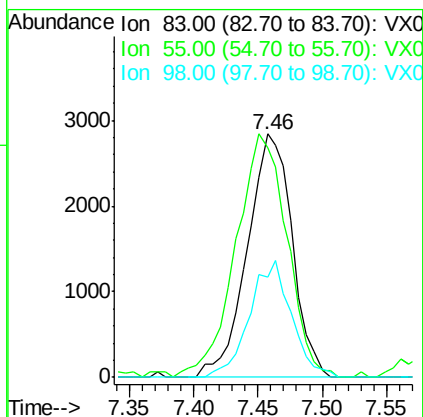
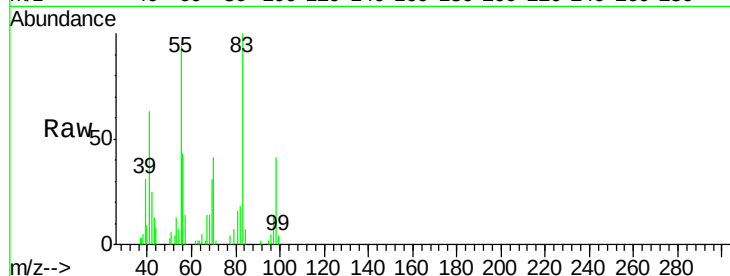




#39
Methylvlcyclohexane
Concen: 1.196 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007764.D
Acq: 28 Feb 2019 14:12

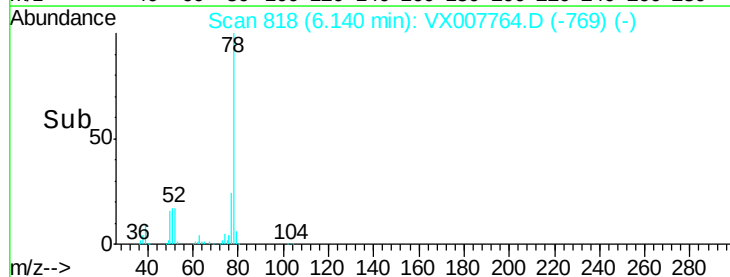
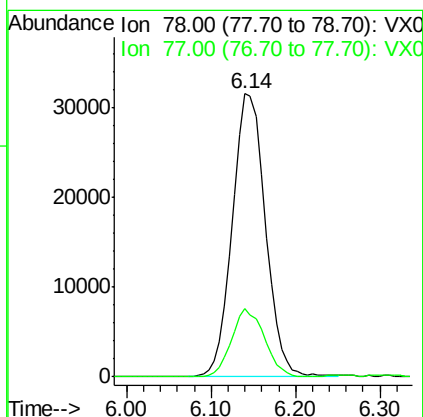
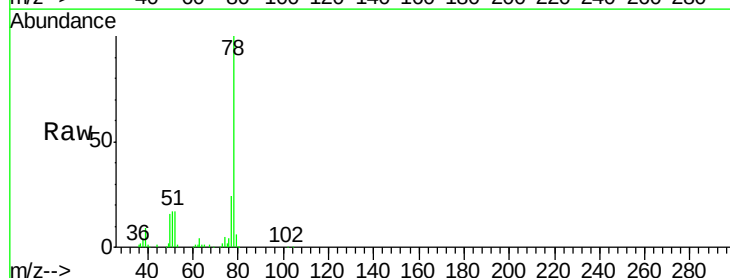
Instrument :
MSVOA_X
ClientSampled :
MW-7

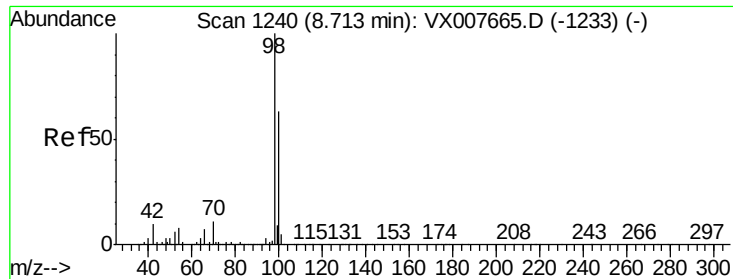
Tot Ion: 83 Resp: 6837
Ion Ratio Lower Upper
83 100
55 94.1 56.2 84.2#
98 41.4 36.8 55.2



#40
Benzene
Concen: 6.028 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007764.D
Acq: 28 Feb 2019 14:12

Tgt Ion: 78 Resp: 84153
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

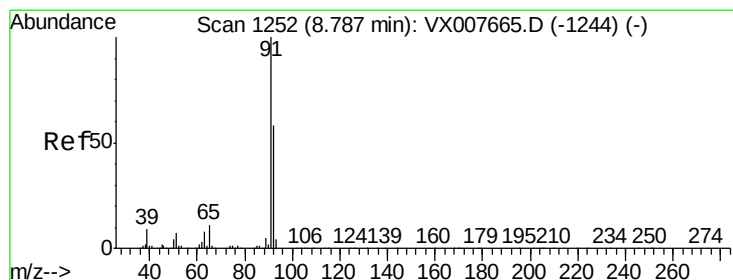
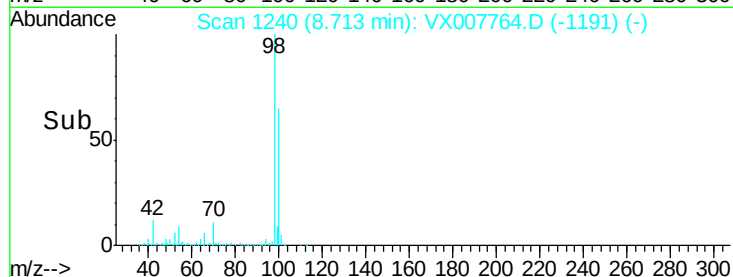
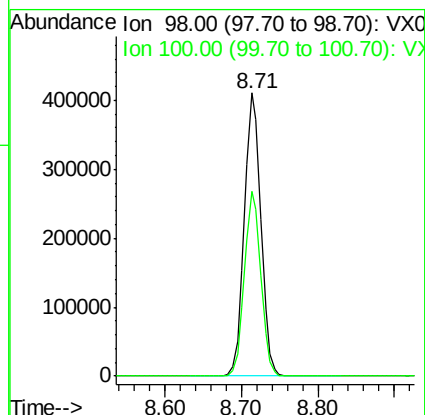
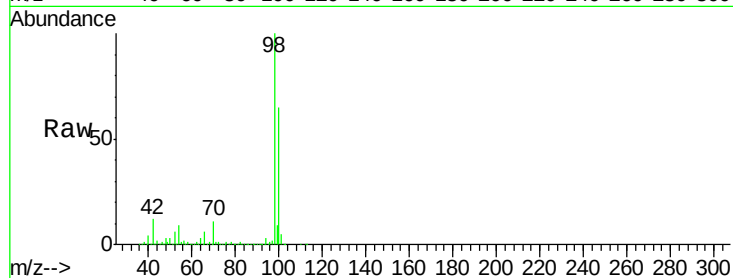




#50
Toluene-d8
Concen: 48.060 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007764.D
Acq: 28 Feb 2019 14:12

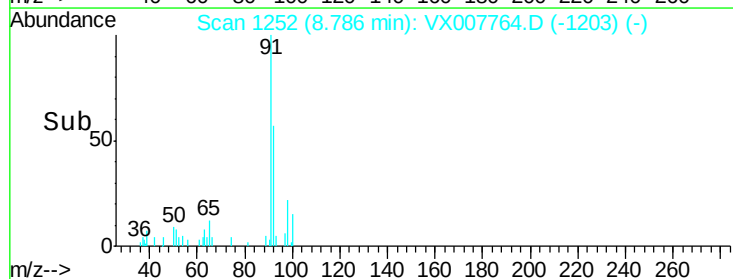
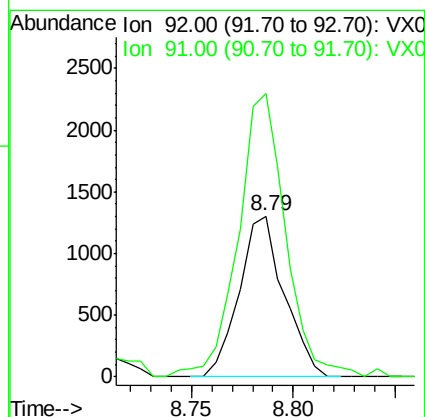
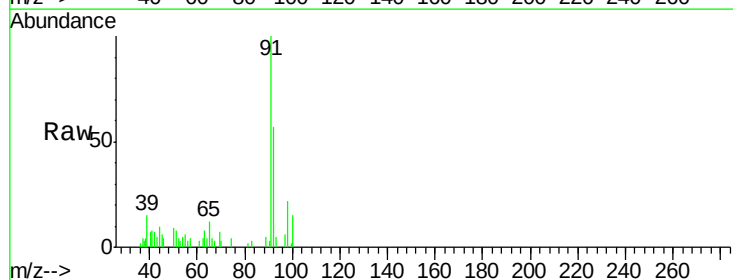
Instrument :
MSVOA_X
ClientSampleId :
MW-7

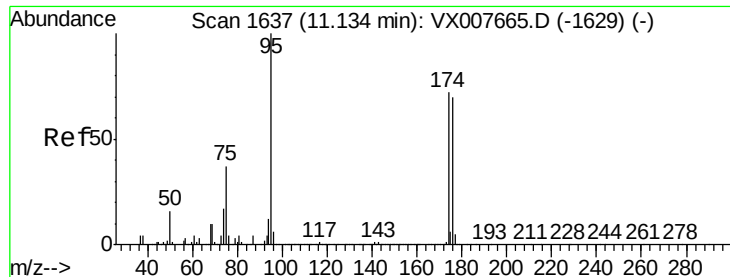
Tot Ion: 98 Resp: 618690
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#52
Toluene
Concen: 0.226 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007764.D
Acq: 28 Feb 2019 14:12

Tgt Ion: 92 Resp: 1988
Ion Ratio Lower Upper
92 100
91 186.7 139.1 208.7

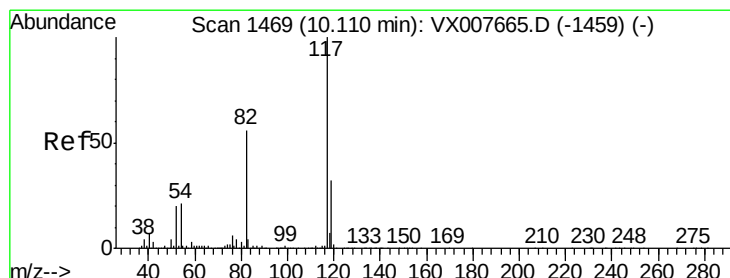
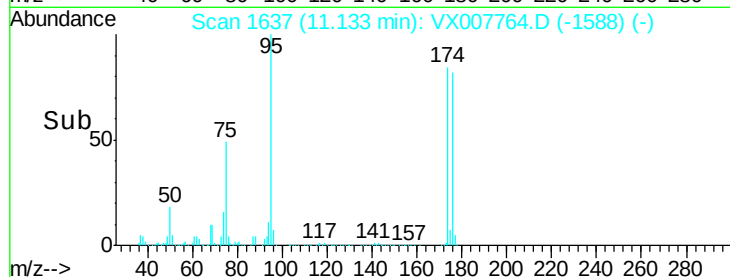
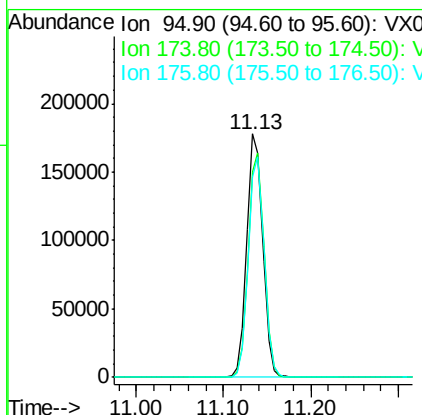
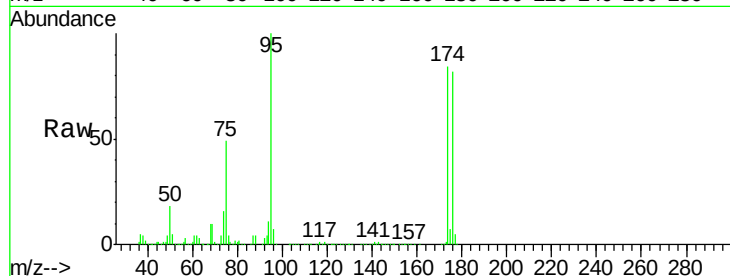




#62
4-Bromofluorobenzene
Concen: 47.818 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007764.D
Acq: 28 Feb 2019 14:12

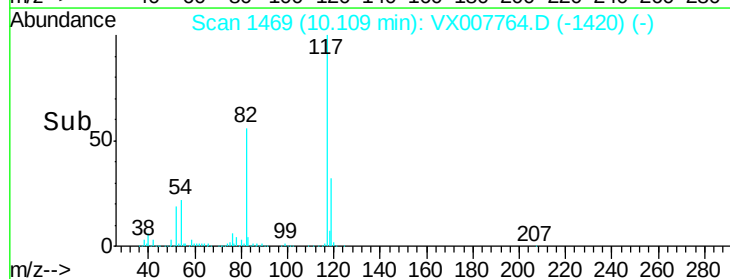
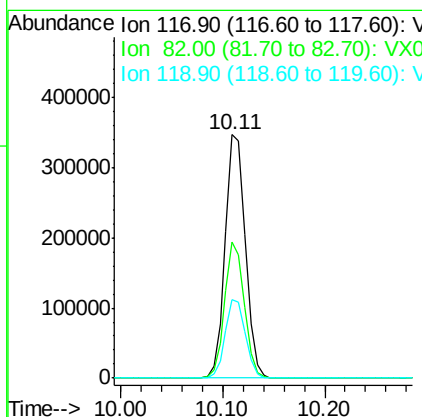
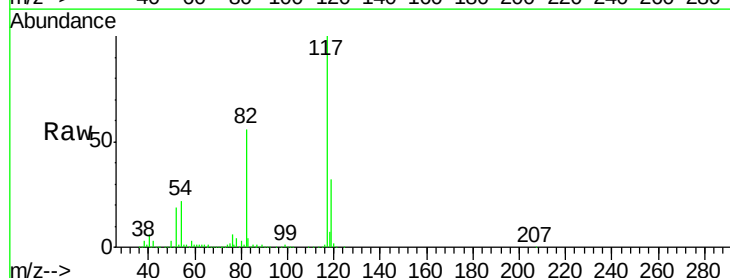
Instrument :
MSVOA_X
ClientSampleId :
MW-7

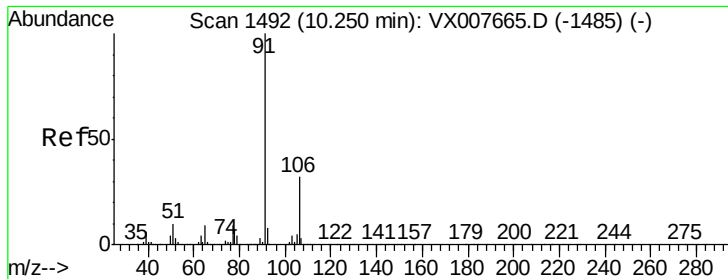
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	189.2
176	88.7	0.0	186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007764.D
Acq: 28 Feb 2019 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.1	63.1
119	32.1	26.5	39.7

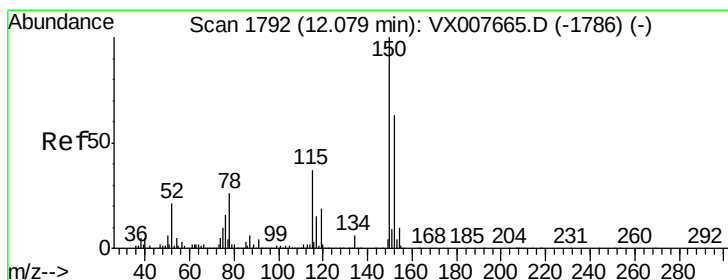
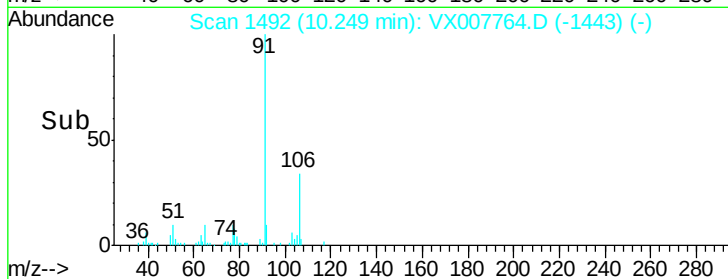
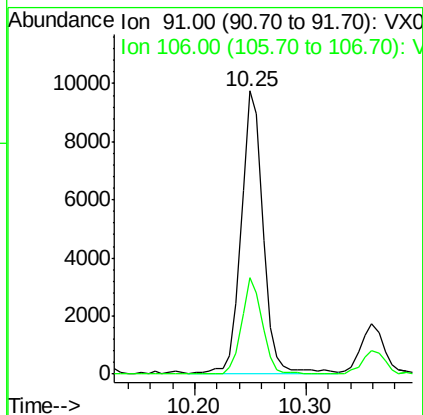
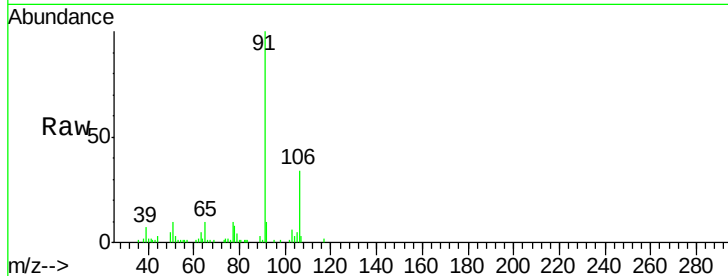




#67
Ethyl Benzene
Concen: 0.790 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007764.D
Acq: 28 Feb 2019 14:12

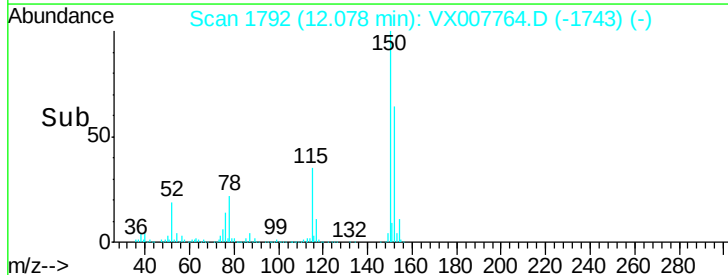
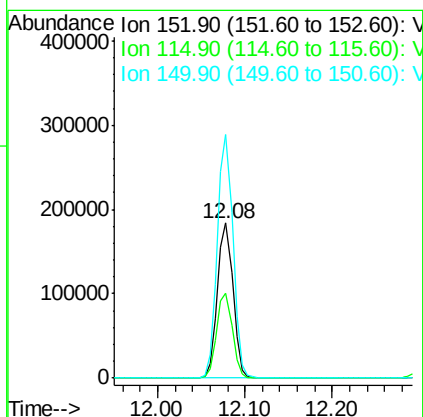
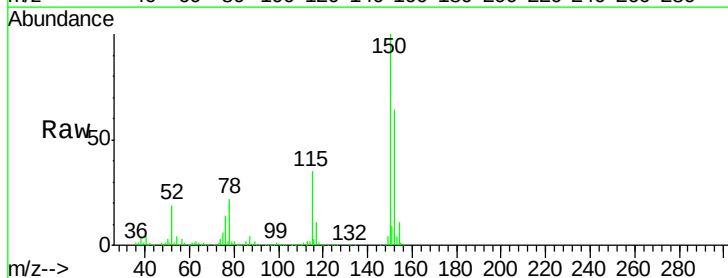
Instrument :
MSVOA_X
ClientSampled :
MW-7

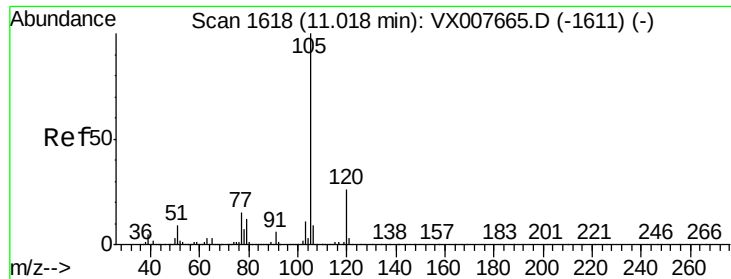
Tot Ion: 91 Resp: 13502
Ion Ratio Lower Upper
91 100
106 34.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007764.D
Acq: 28 Feb 2019 14:12

Tgt Ion: 152 Resp: 226038
Ion Ratio Lower Upper
152 100
115 55.4 38.0 114.0
150 157.1 0.0 346.4





#73

Isopropylbenzene

Concen: 0.551 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007764.D

Acq: 28 Feb 2019 14:12

Instrument :

MSVOA_X

ClientSampleId :

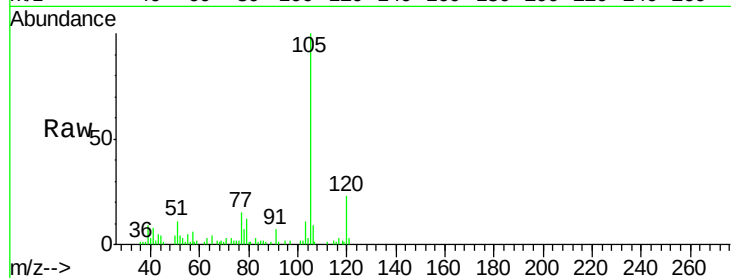
MW-7

Tot Ion:105 Resp: 8908

Ion Ratio Lower Upper

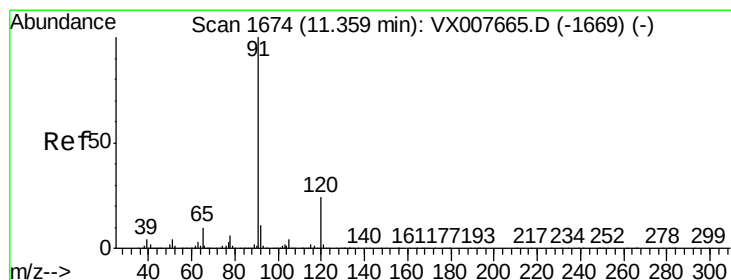
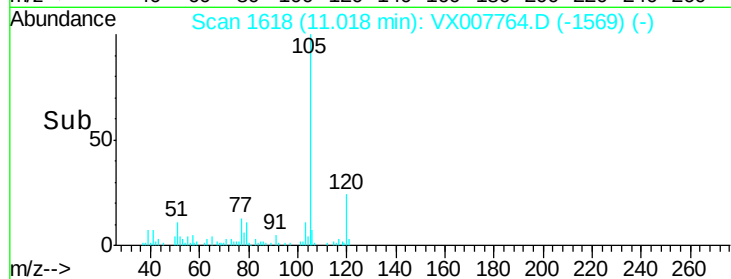
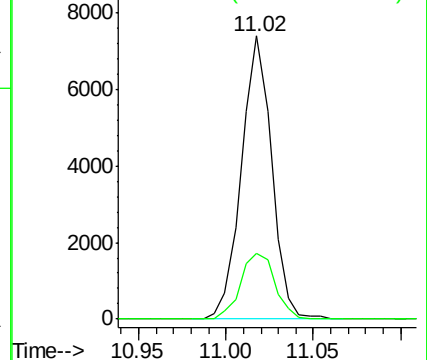
105 100

120 26.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.566 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007764.D

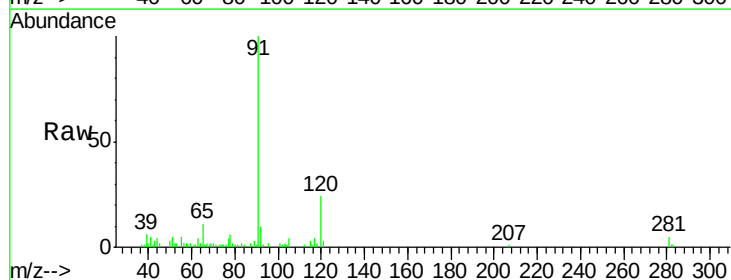
Acq: 28 Feb 2019 14:12

Tgt Ion: 91 Resp: 10330

Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

