

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007726.D
 Acq On : 26 Feb 2019 20:52
 Operator : JC/SP
 Sample : K1610-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WV-C

Quant Time: Feb 27 00:59:54 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	5.67	168	330681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	578550	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	561135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254696	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	208494	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
35) Dibromofluoromethane	5.51	113	192329	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
50) Toluene-d8	8.71	98	716198	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.13	95	247284	45.50	ug/l	0.00
Spiked Amount			Recovery	=	91.00%	

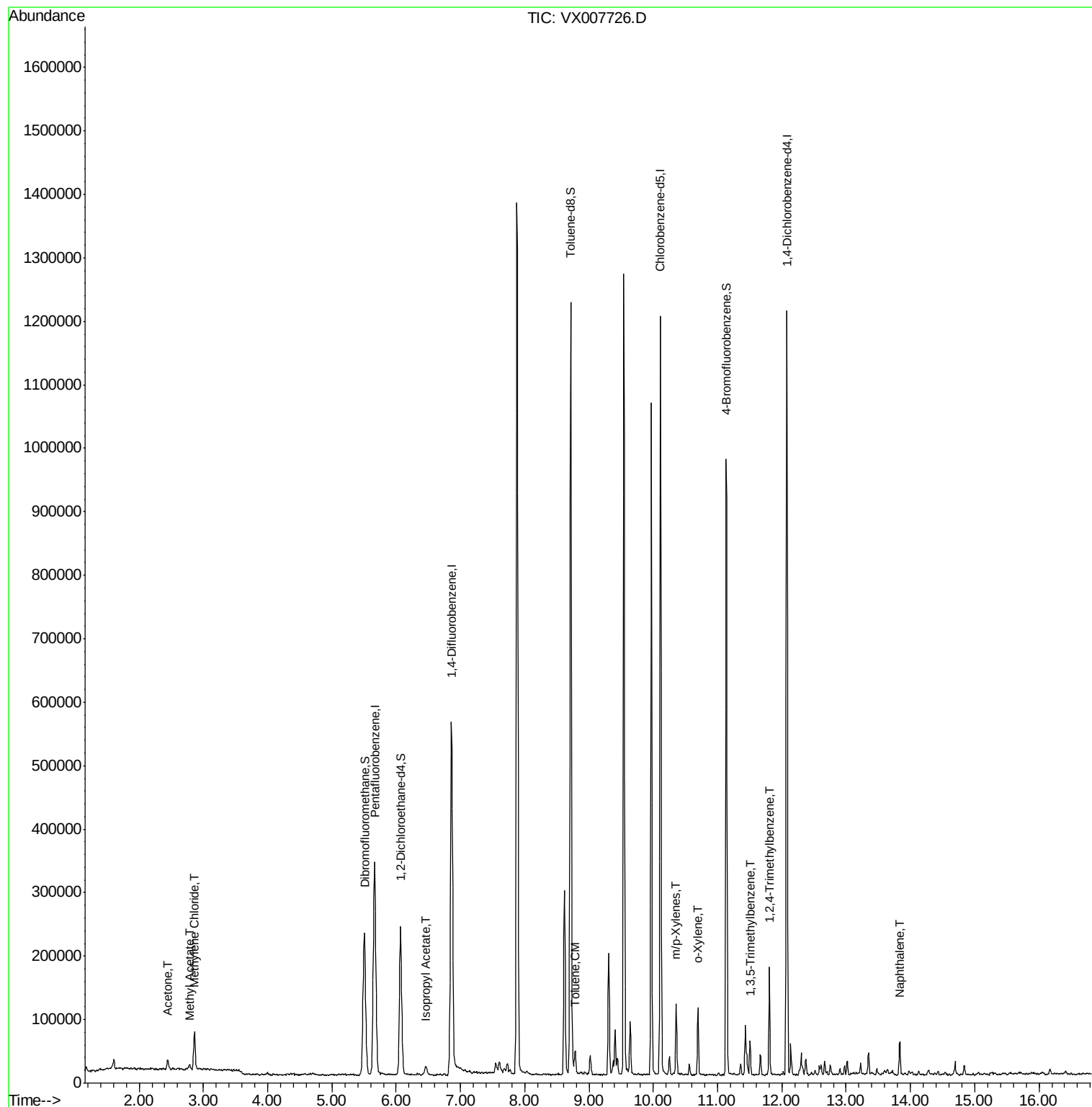
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	19067	10.468	ug/l	98
18) Methyl Acetate	2.78	43	11011	2.770	ug/l #	90
20) Methylene Chloride	2.86	84	26480	7.873	ug/l	91
43) Isopropyl Acetate	6.46	43	18636	2.096	ug/l	96
52) Toluene	8.78	92	11871	1.172	ug/l	96
68) m/p-Xylenes	10.35	106	27786	3.553	ug/l	98
69) o-Xylene	10.69	106	12165	1.617	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	22435	1.498	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	73411	4.793	ug/l	99
95) Naphthalene	13.83	128	33257	1.985	ug/l	98

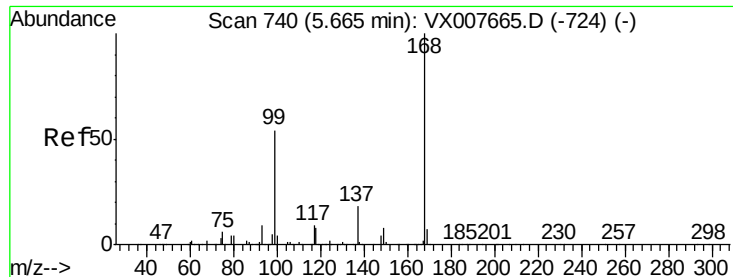
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 27 00:59:54 2019
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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007726.D

Acq: 26 Feb 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

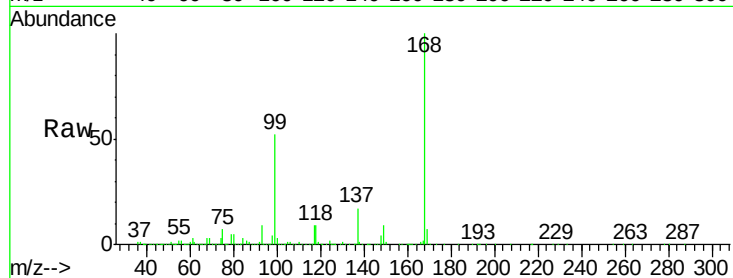
WV-C

Tot Ion:168 Resp: 330681

Ion Ratio Lower Upper

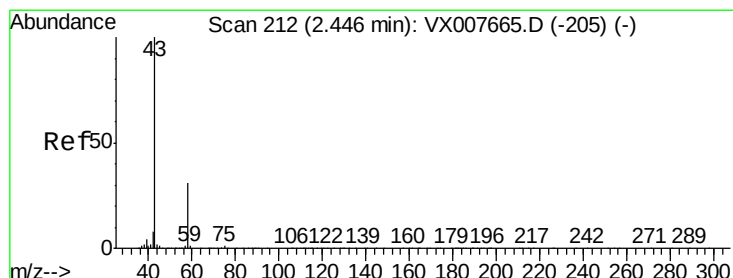
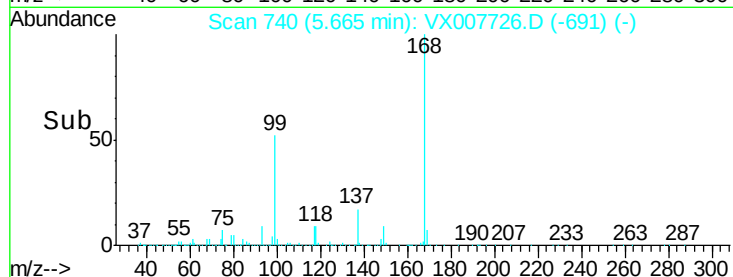
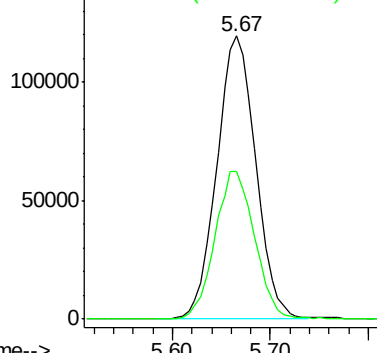
168 100

99 52.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.468 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007726.D

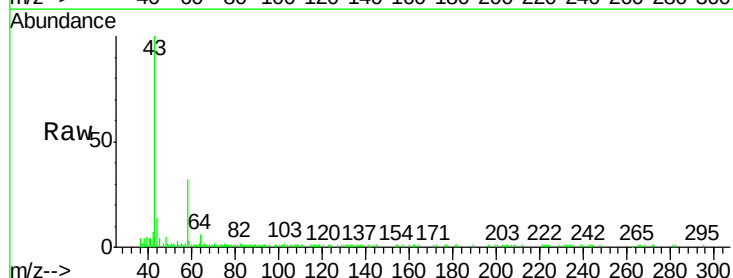
Acq: 26 Feb 2019 20:52

Tgt Ion: 43 Resp: 19067

Ion Ratio Lower Upper

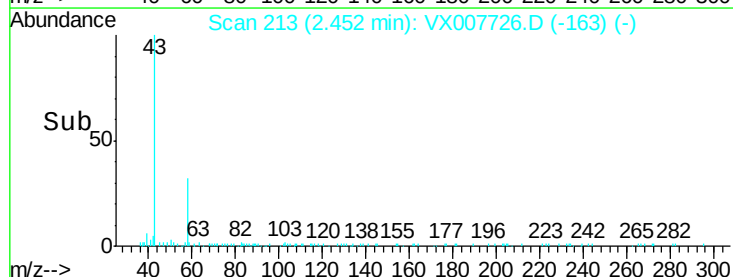
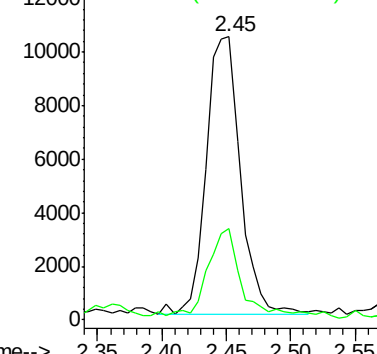
43 100

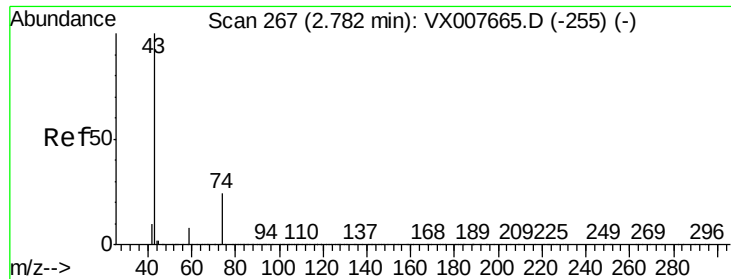
58 30.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

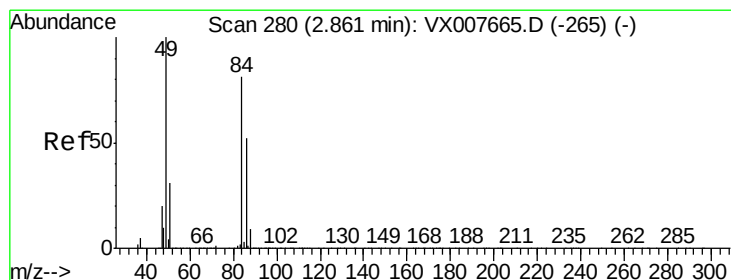
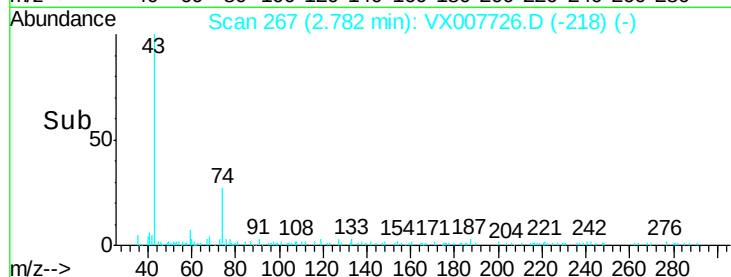
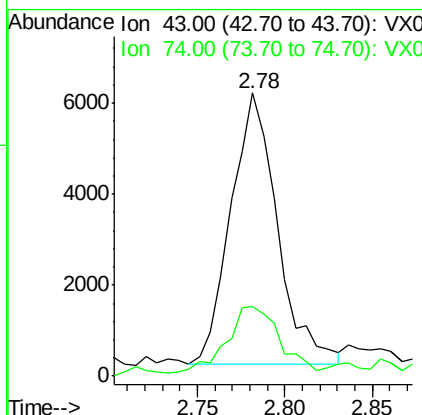
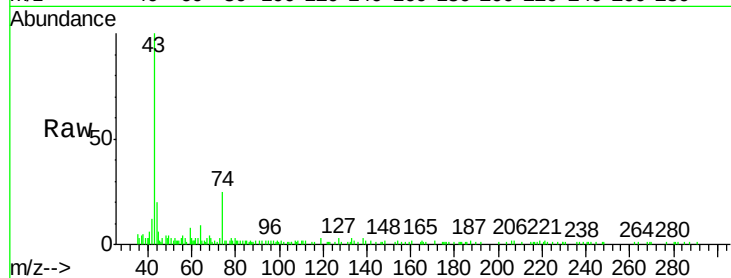




#18
Methyl Acetate
Concen: 2.770 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007726.D
Acq: 26 Feb 2019 20:52

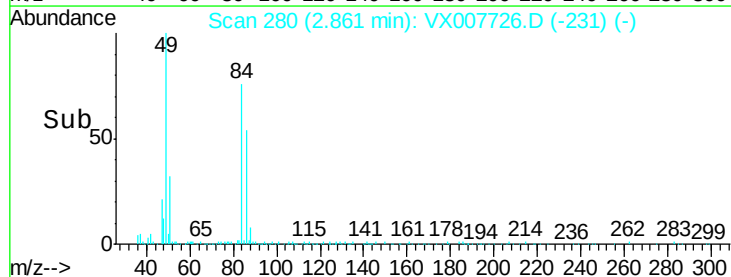
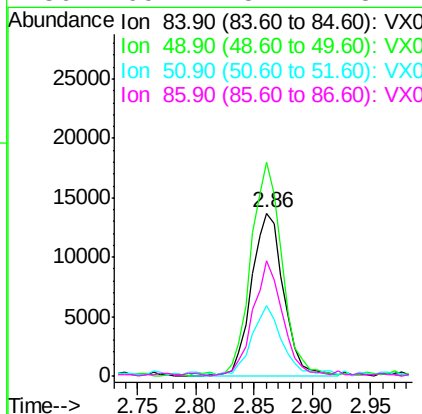
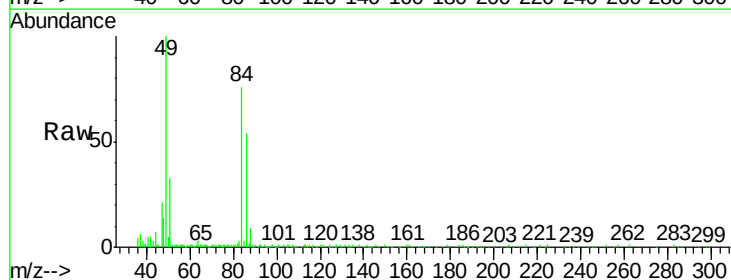
Instrument :
MSVOA_X
ClientSampleId :
WV-C

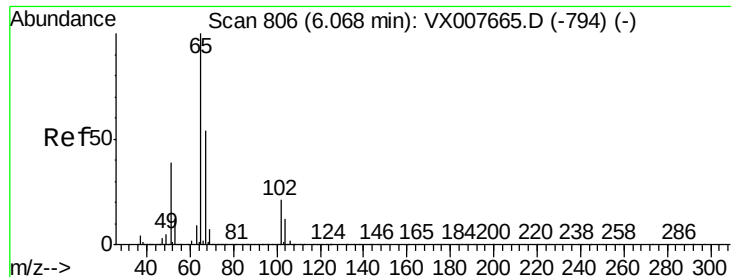
Tot Ion: 43 Resp: 11011
Ion Ratio Lower Upper
43 100
74 29.3 19.4 29.2#



#20
Methylene Chloride
Concen: 7.873 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007726.D
Acq: 26 Feb 2019 20:52

Tgt Ion: 84 Resp: 26480
Ion Ratio Lower Upper
84 100
49 132.1 94.8 142.2
51 42.2 29.8 44.8
86 69.7 54.1 81.1

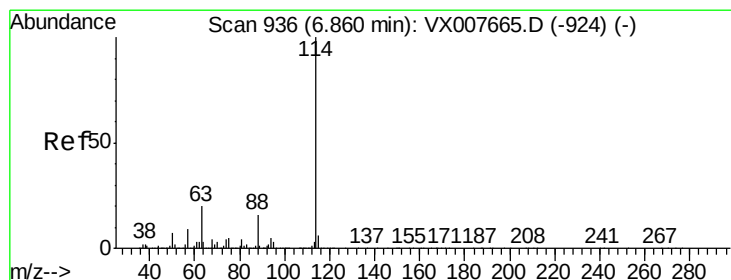
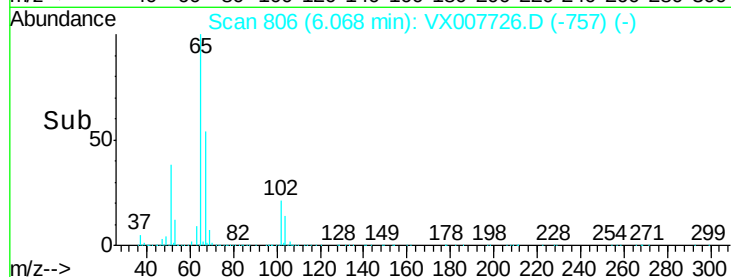
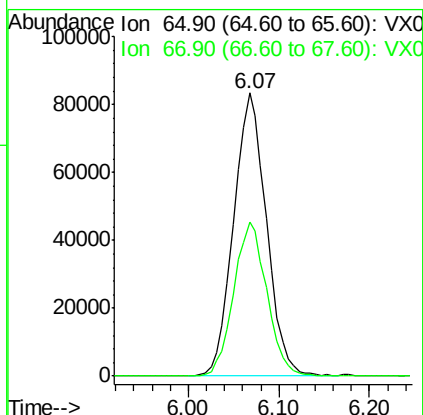
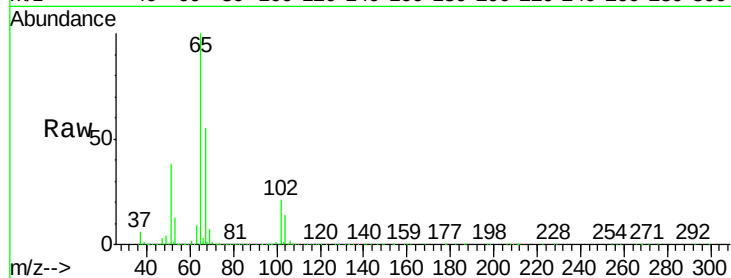




#33
 1,2-Dichloroethane-d4
 Concen: 50.901 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007726.D
 Acq: 26 Feb 2019 20:52

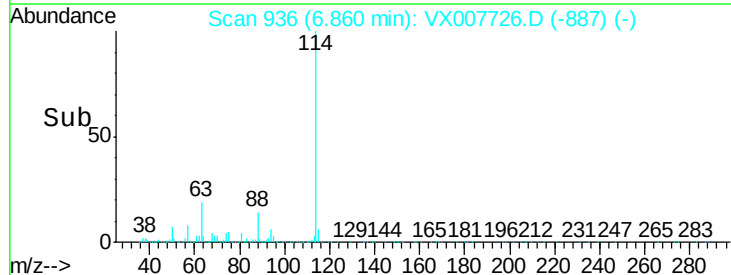
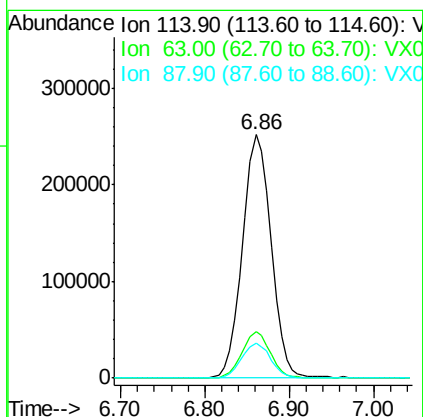
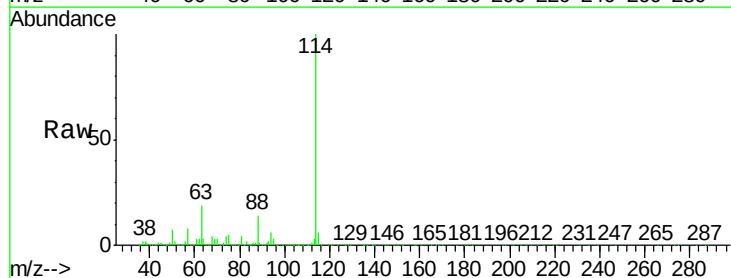
Instrument :
 MSVOA_X
 ClientSampleId :
 WV-C

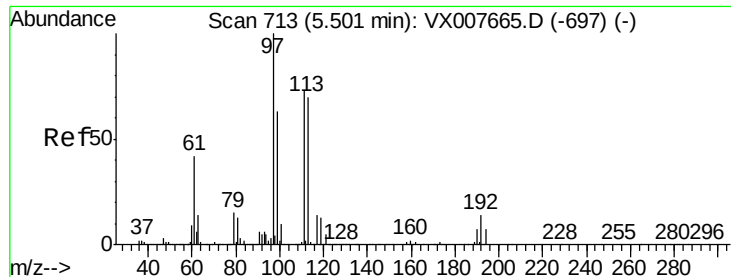
Tot Ion: 65 Resp: 208494
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007726.D
 Acq: 26 Feb 2019 20:52

Tgt Ion: 114 Resp: 578550
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 35.6
 88 14.3 0.0 29.6

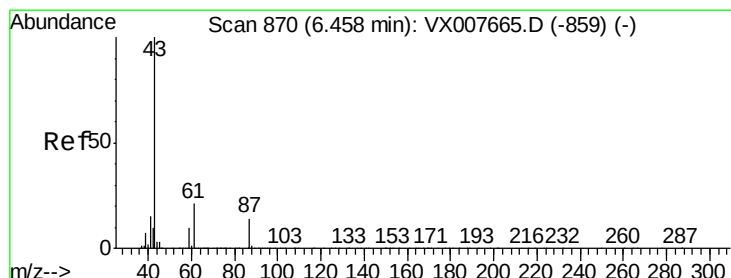
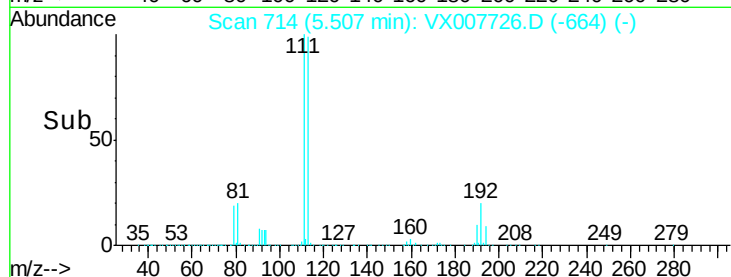
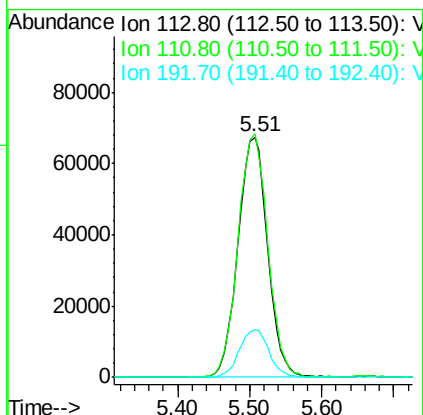
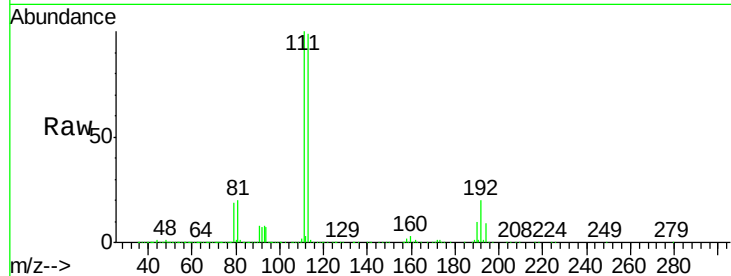




#35
 Dibromofluoromethane
 Concen: 49.730 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007726.D
 Acq: 26 Feb 2019 20:52

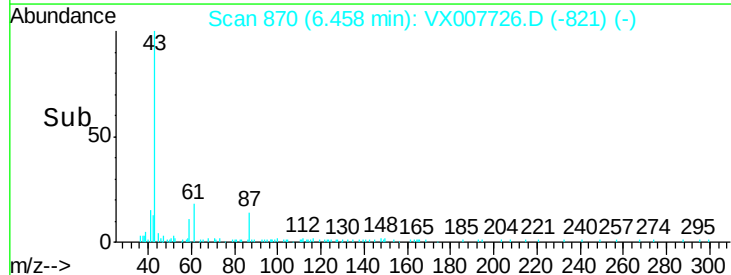
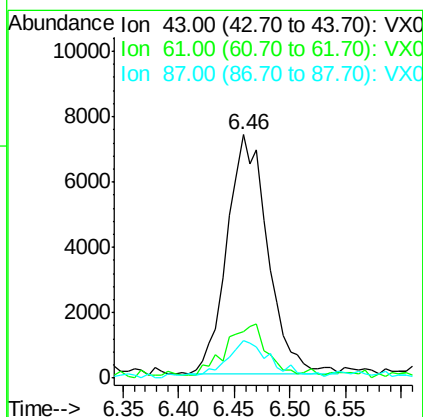
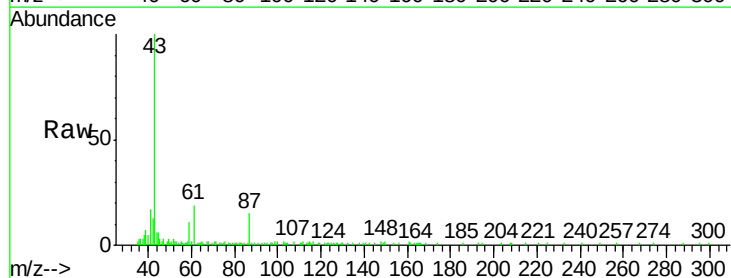
Instrument :
 MSVOA_X
 ClientSampled :
 WV-C

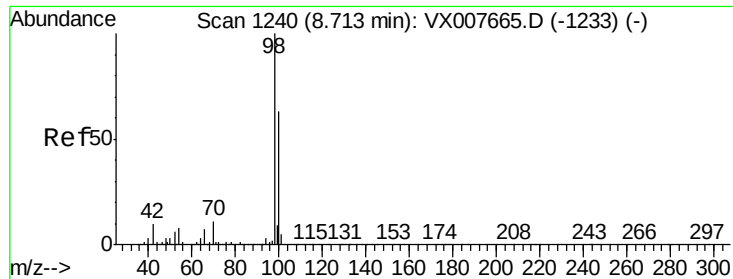
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	20.1	18.5	27.7



#43
 Isopropyl Acetate
 Concen: 2.096 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007726.D
 Acq: 26 Feb 2019 20:52

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.9	16.1	24.1
87	16.6	11.5	17.3

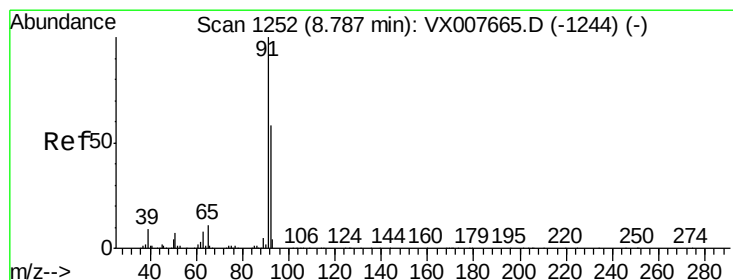
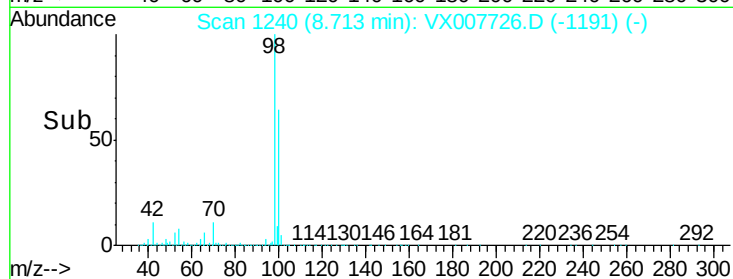
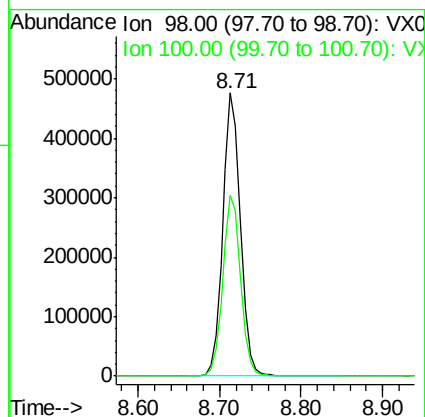
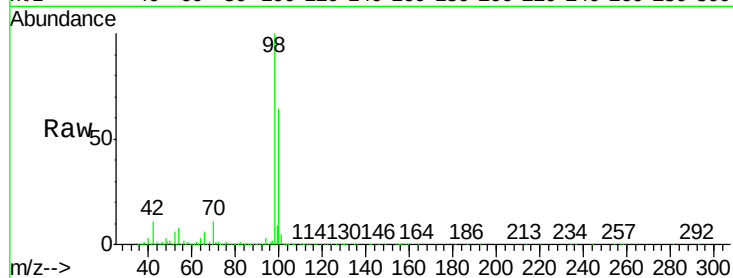




#50
Toluene-d8
Concen: 48.372 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007726.D
Acq: 26 Feb 2019 20:52

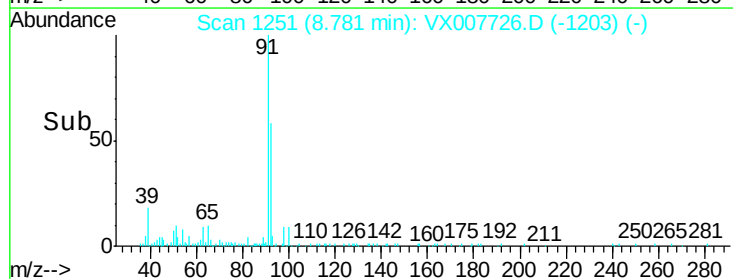
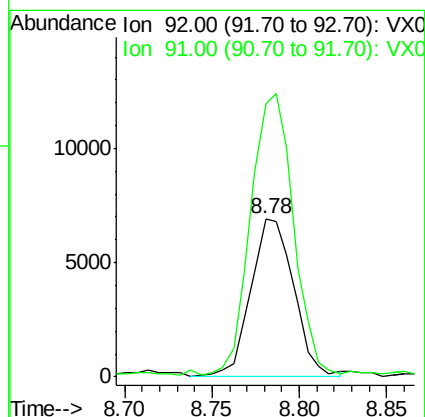
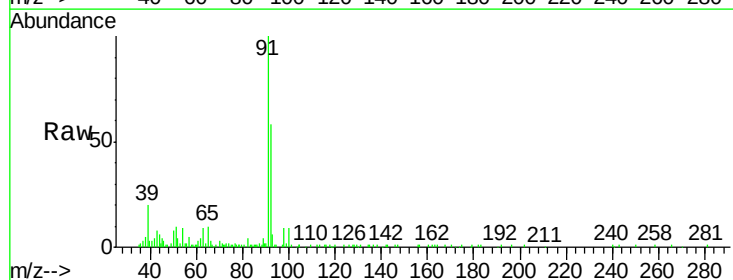
Instrument :
MSVOA_X
ClientSampled :
WV-C

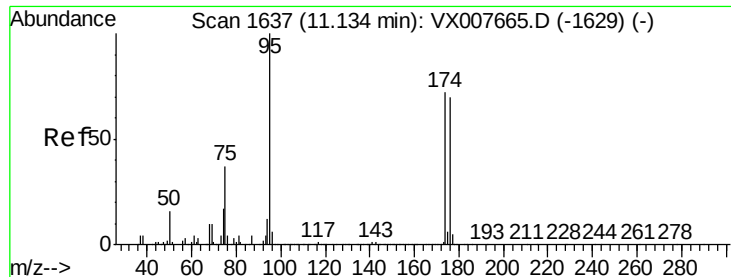
Tot Ion: 98 Resp: 716198
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#52
Toluene
Concen: 1.172 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007726.D
Acq: 26 Feb 2019 20:52

Tgt Ion: 92 Resp: 11871
Ion Ratio Lower Upper
92 100
91 179.7 139.1 208.7





#62

4-Bromofluorobenzene

Concen: 45.504 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007726.D

Acq: 26 Feb 2019 20:52

Instrument :

MSVOA_X

ClientSampled :

WV-C

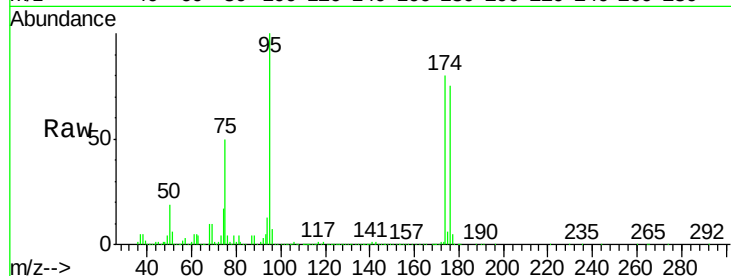
Tot Ion: 95 Resp: 247284

Ion Ratio Lower Upper

95 100

174 85.1 0.0 189.2

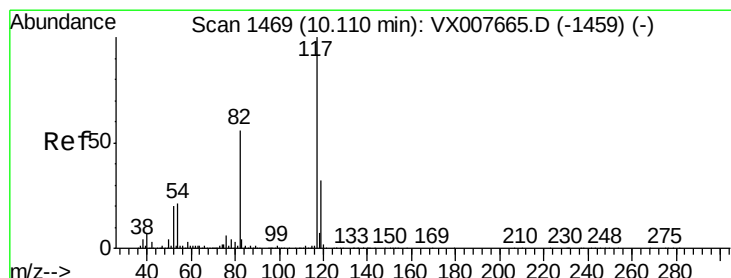
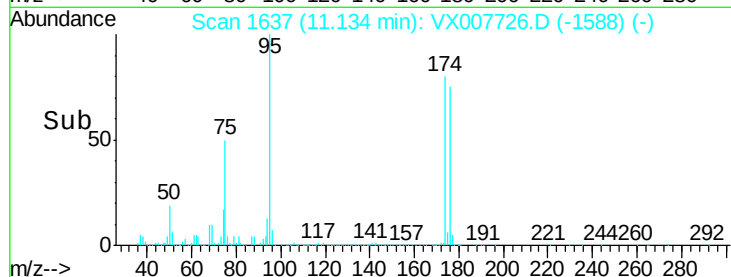
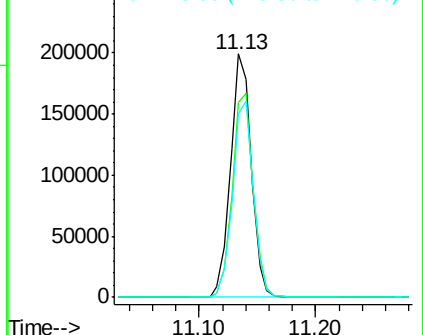
176 81.8 0.0 186.2



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007726.D

Acq: 26 Feb 2019 20:52

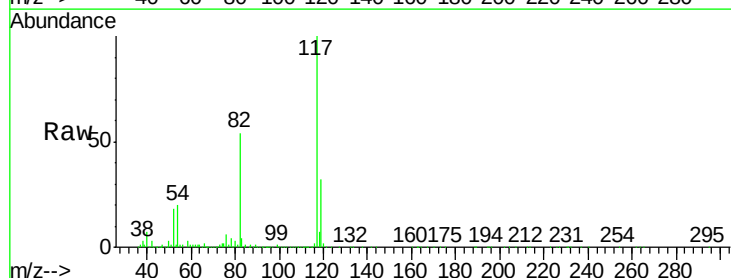
Tgt Ion: 117 Resp: 561135

Ion Ratio Lower Upper

117 100

82 54.1 42.1 63.1

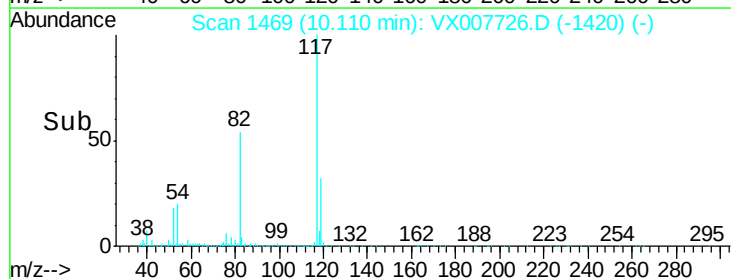
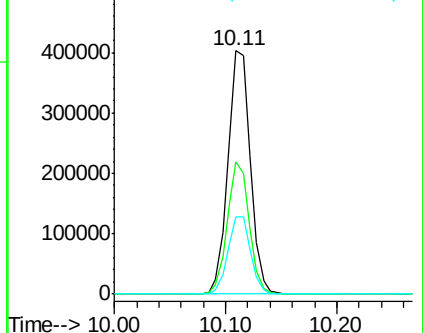
119 31.6 26.5 39.7

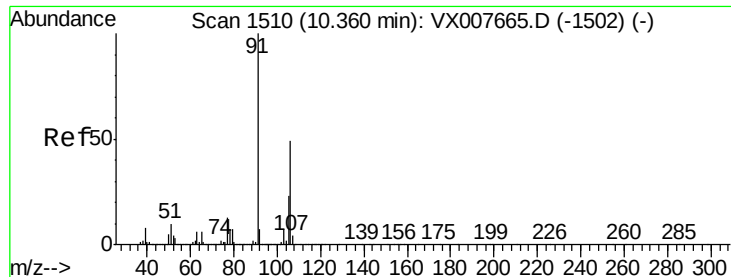


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

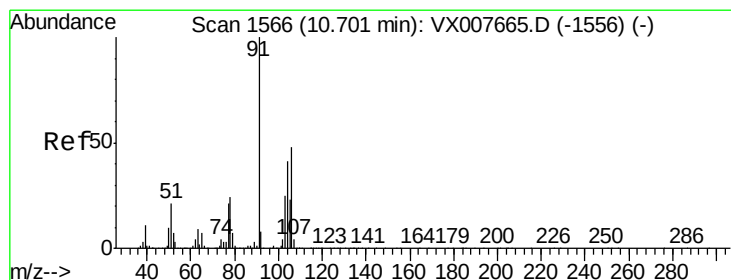
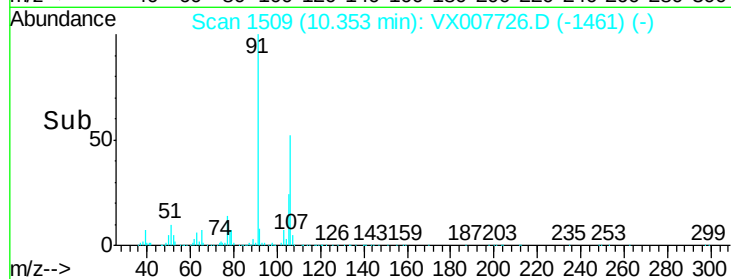
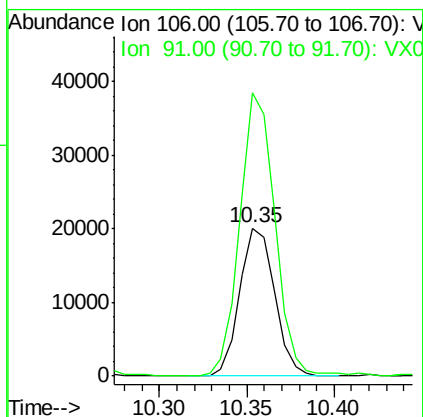
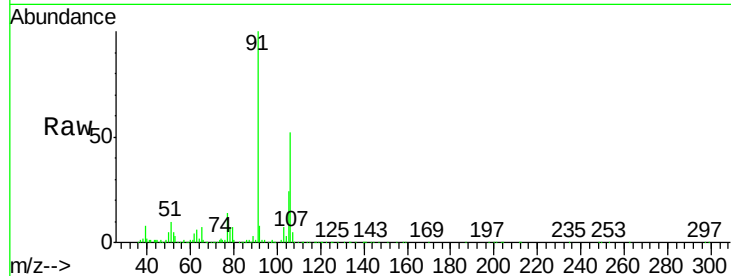




#68
m/p-Xylenes
Concen: 3.553 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX007726.D
Acq: 26 Feb 2019 20:52

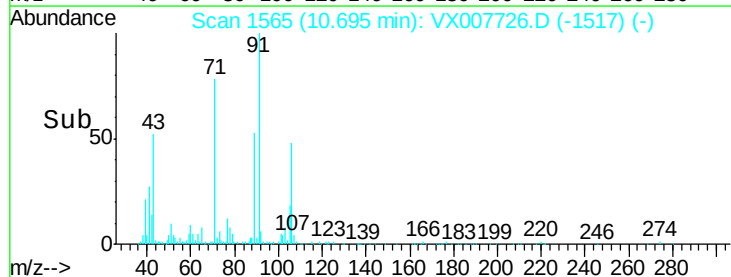
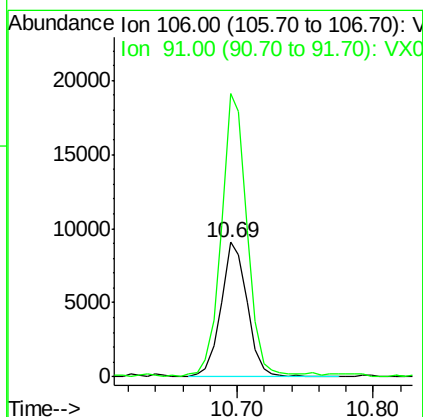
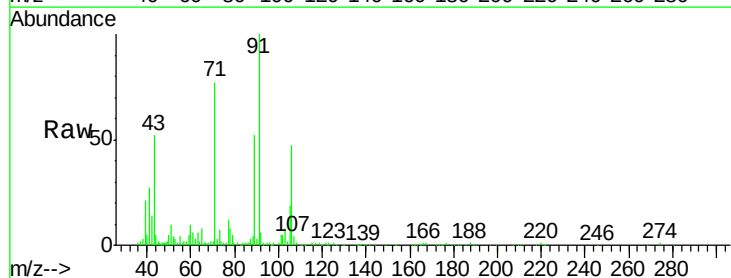
Instrument :
MSVOA_X
ClientSampleId :
WV-C

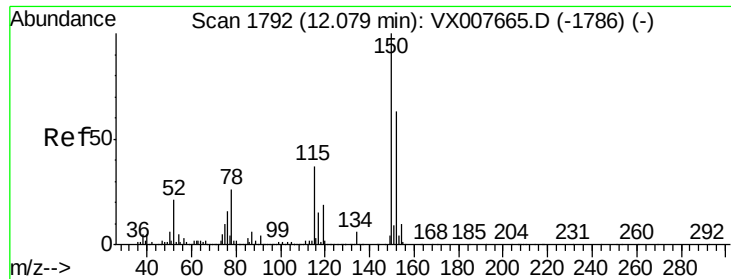
Tot Ion:106 Resp: 27786
Ion Ratio Lower Upper
106 100
91 192.6 156.6 234.8



#69
o-Xylene
Concen: 1.617 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007726.D
Acq: 26 Feb 2019 20:52

Tgt Ion:106 Resp: 12165
Ion Ratio Lower Upper
106 100
91 206.6 102.9 308.7

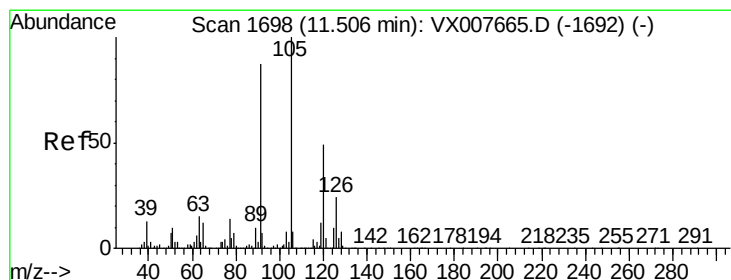
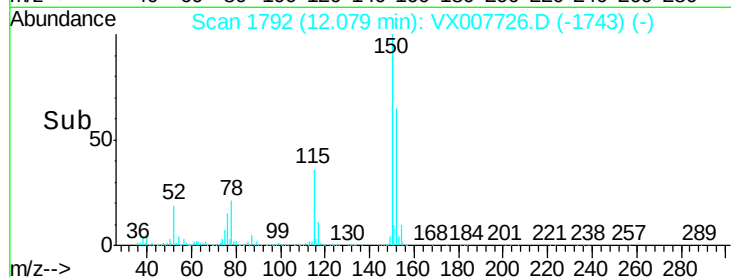
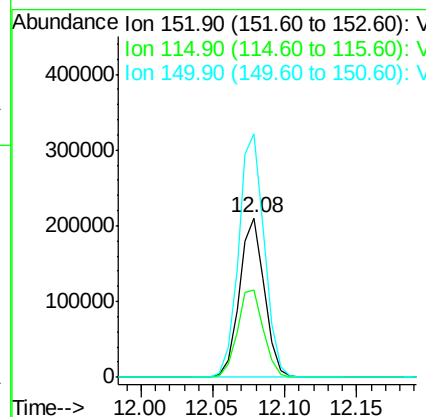
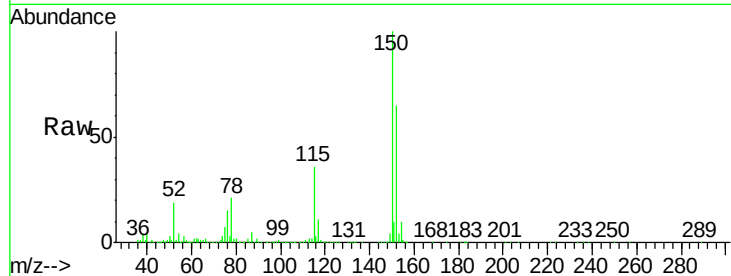




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX007726.D
 Acq: 26 Feb 2019 20:52

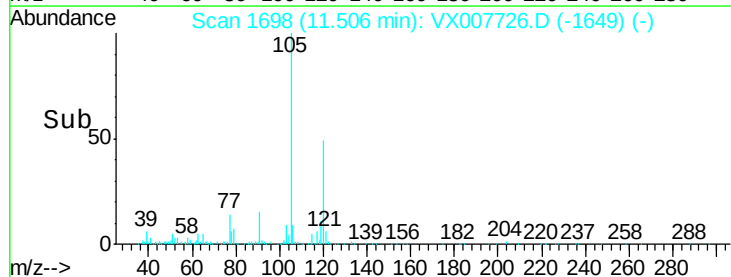
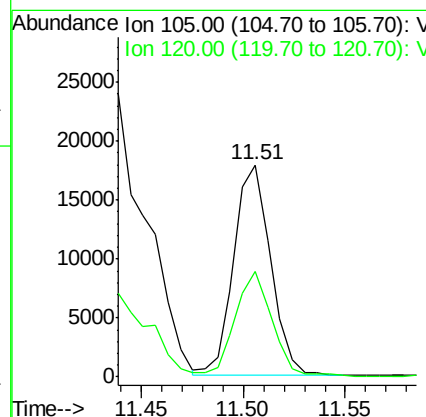
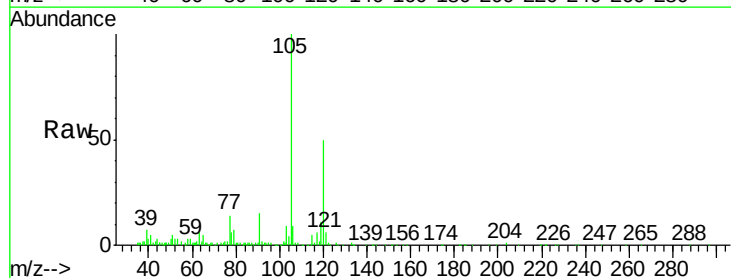
Instrument :
 MSVOA_X
 ClientSampleId :
 WV-C

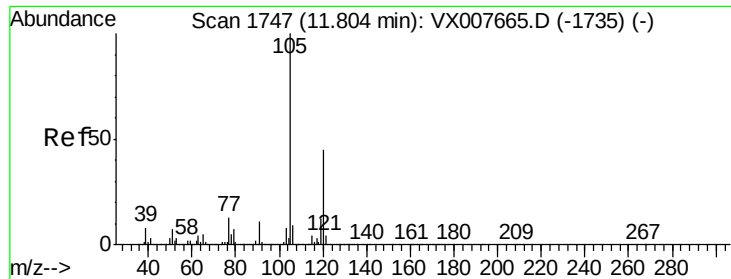
Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	38.0	114.0
150	157.5	0.0	346.4



#80
 1,3,5-Trimethylbenzene
 Concen: 1.498 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007726.D
 Acq: 26 Feb 2019 20:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.6	25.3	75.8





#84

1,2,4-Trimethylbenzene

Concen: 4.793 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007726.D

Acq: 26 Feb 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

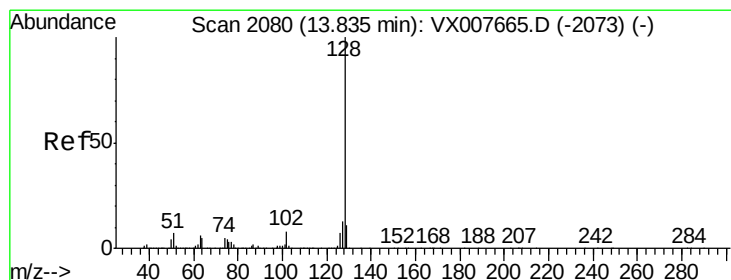
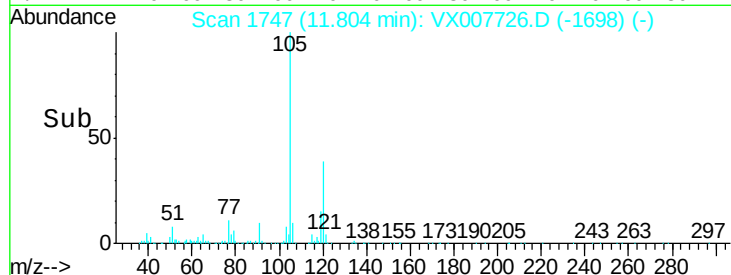
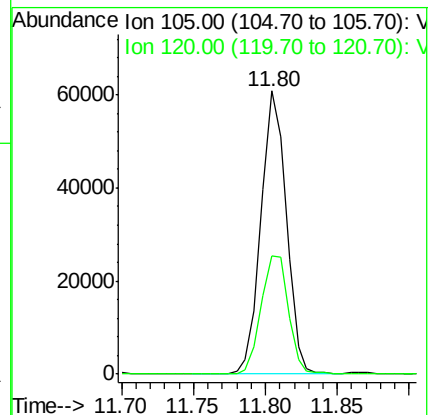
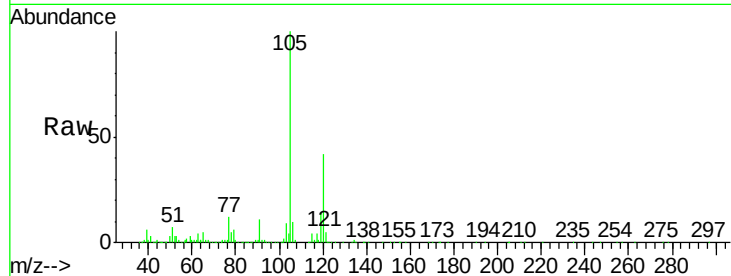
WV-C

Tot Ion:105 Resp: 73411

Ion Ratio Lower Upper

105 100

120 45.8 23.1 69.3



#95

Naphthalene

Concen: 1.985 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007726.D

Acq: 26 Feb 2019 20:52

Tgt Ion:128 Resp: 33257

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 11.3 8.7 13.1

