

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007532.D
 Acq On : 13 Feb 2019 20:30
 Operator : JC/SP
 Sample : K1460-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208

Quant Time: Feb 14 03:56:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	512286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	806240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	745078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	358535	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	278888	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
35) Dibromofluoromethane	5.51	113	259184	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	966949	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	335956	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	

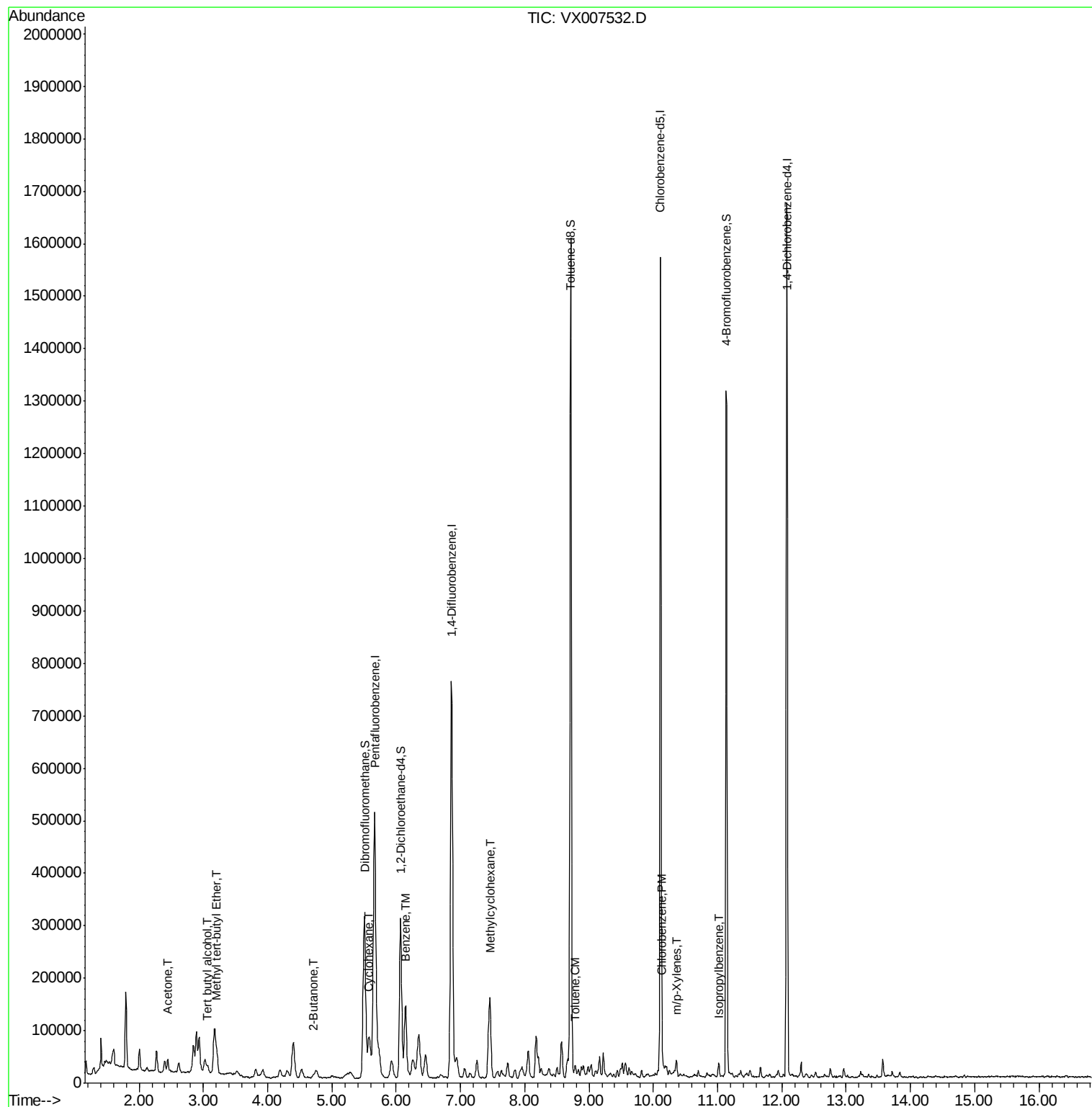
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	17092	15.189	ug/l #	84
16) Acetone	2.45	43	26885	10.794	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	49011	3.093	ug/l	99
25) 2-Butanone	4.70	43	10133	2.859	ug/l	94
31) Cyclohexane	5.58	56	53367	7.058	ug/l	98
39) Methylcyclohexane	7.46	83	63948	7.306	ug/l #	87
40) Benzene	6.15	78	168064	7.887	ug/l	100
52) Toluene	8.79	92	7635	0.555	ug/l	93
65) Chlorobenzene	10.14	112	13501	0.830	ug/l	95
68) m/p-Xylenes	10.36	106	6876	0.661	ug/l	95
73) Isopropylbenzene	11.02	105	12210	0.501	ug/l	88

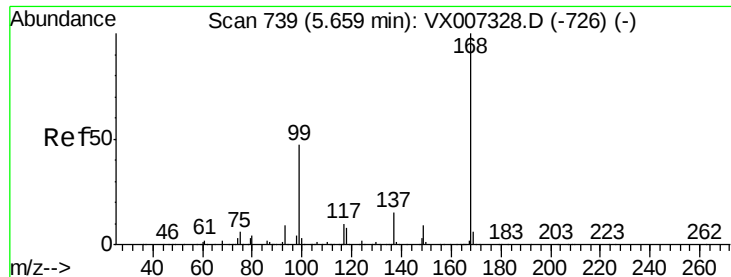
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\
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MW-2-20190208

Quant Time: Feb 14 03:56:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
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: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

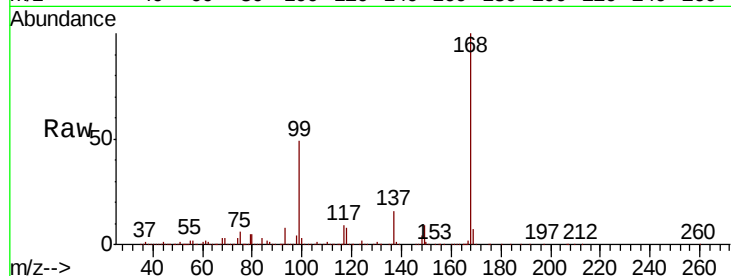
MW-2-20190208

Tot Ion:168 Resp: 512286

Ion Ratio Lower Upper

168 100

99 49.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

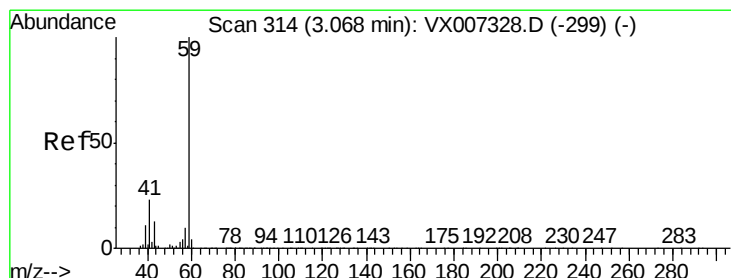
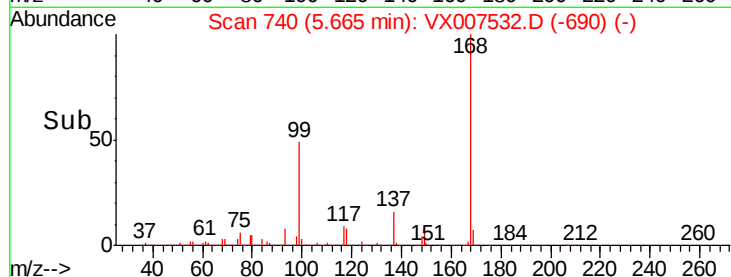
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 15.189 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX007532.D

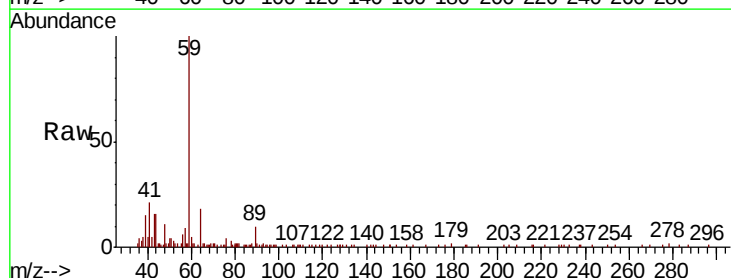
Acq: 13 Feb 2019 20:30

Tgt Ion: 59 Resp: 17092

Ion Ratio Lower Upper

59 100

57 16.1 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

25000

20000

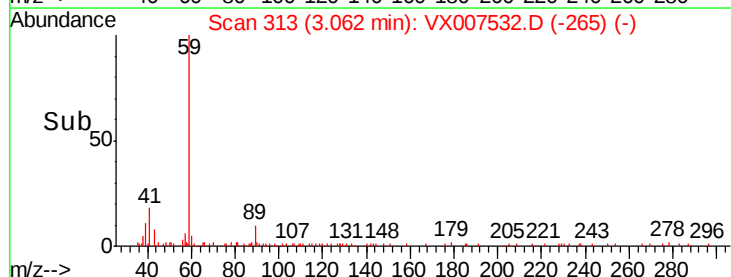
15000

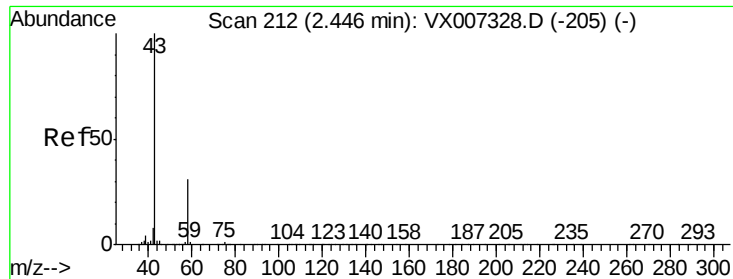
10000

5000

0

Time--> 3.00 3.05 3.10 3.15

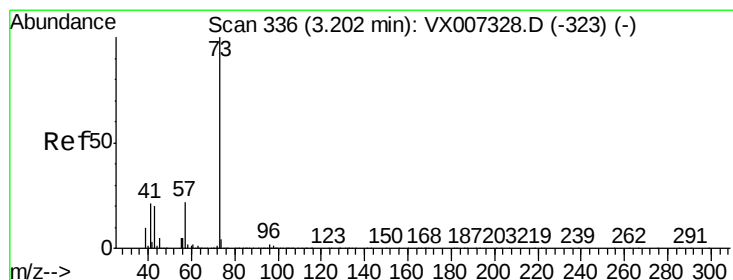
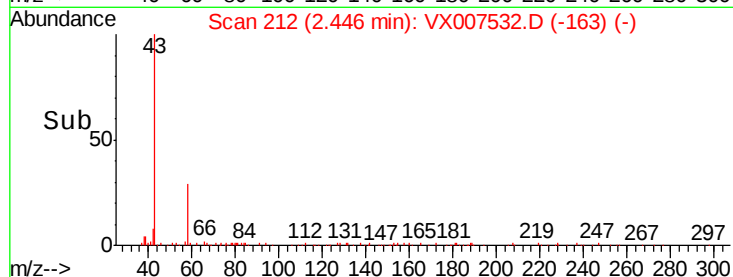
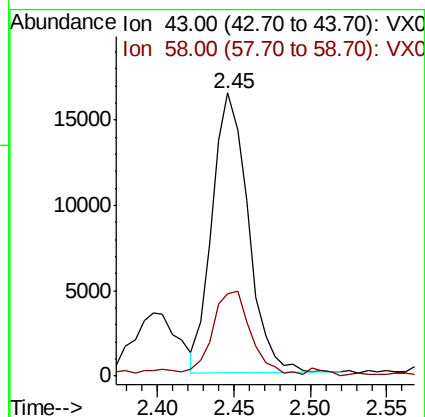
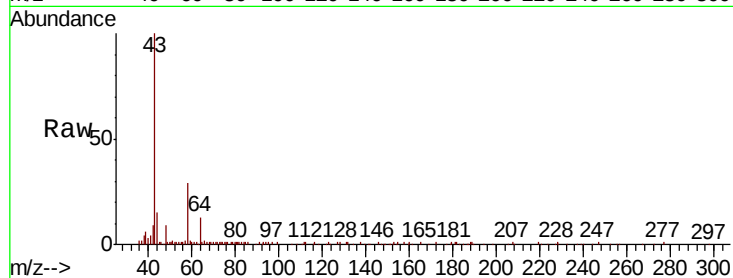




#16
Acetone
Concen: 10.794 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

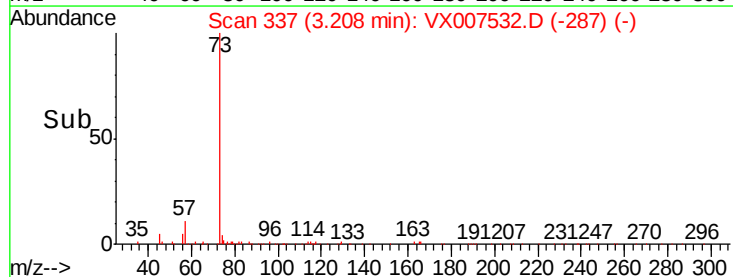
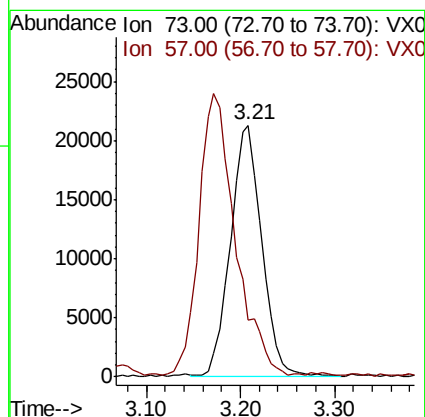
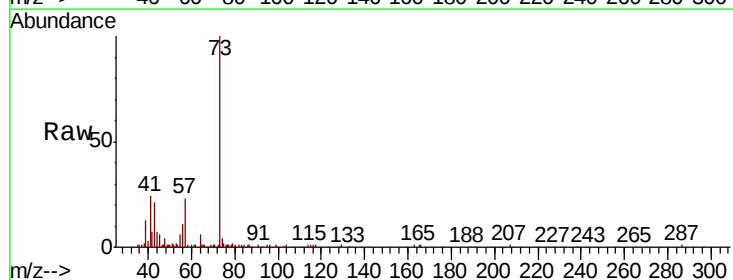
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208

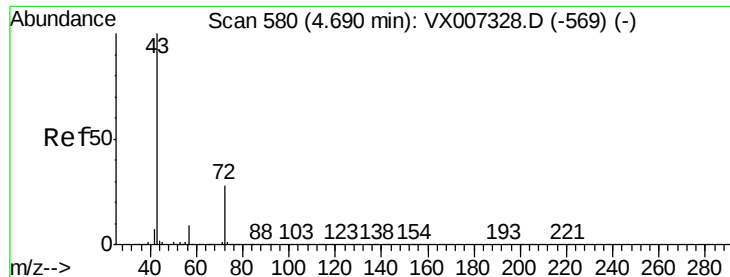
Tot Ion: 43 Resp: 26885
Ion Ratio Lower Upper
43 100
58 29.2 24.9 37.3



#19
Methyl tert-butyl Ether
Concen: 3.093 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

Tgt Ion: 73 Resp: 49011
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8

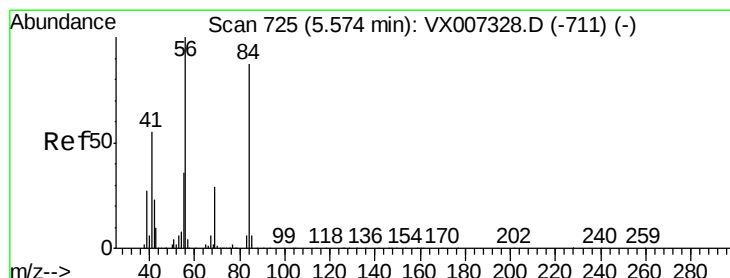
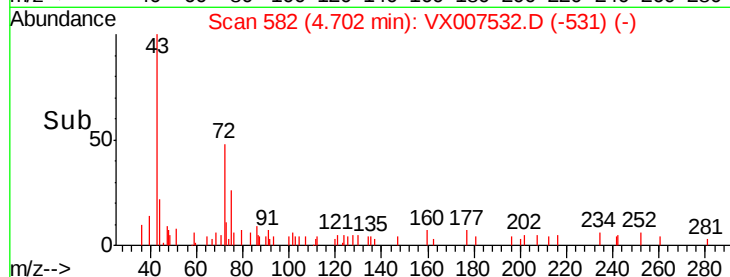
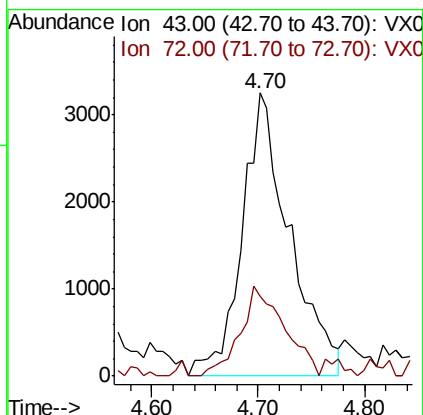
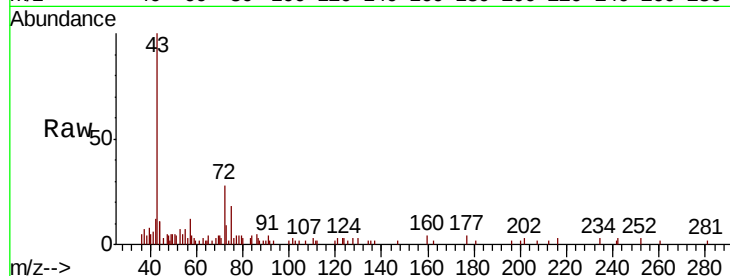




#25
2-Butanone
Concen: 2.859 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

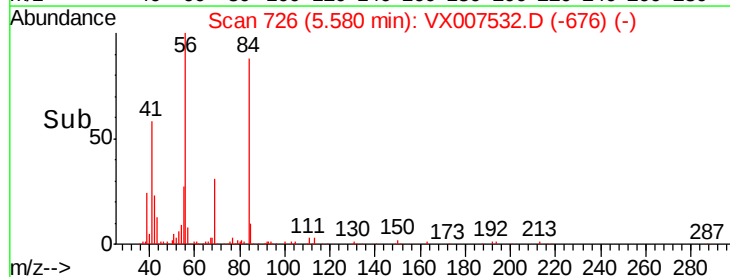
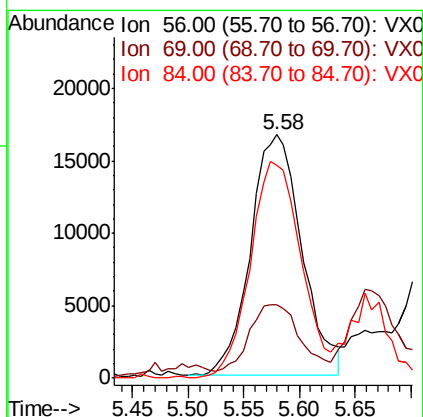
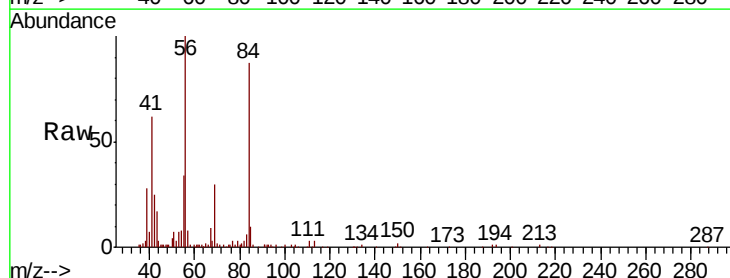
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208

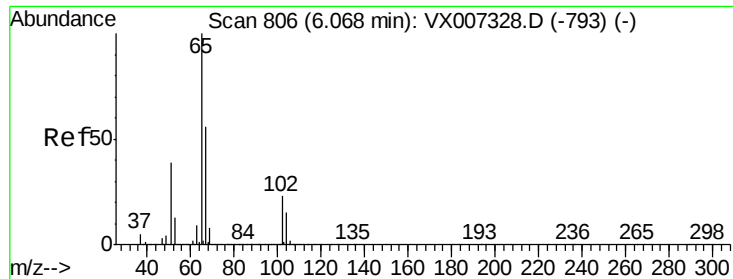
Tot Ion: 43 Resp: 10133
Ion Ratio Lower Upper
43 100
72 24.8 22.2 33.2



#31
Cyclohexane
Concen: 7.058 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

Tgt Ion: 56 Resp: 53367
Ion Ratio Lower Upper
56 100
69 26.0 23.0 34.6
84 88.5 69.8 104.6

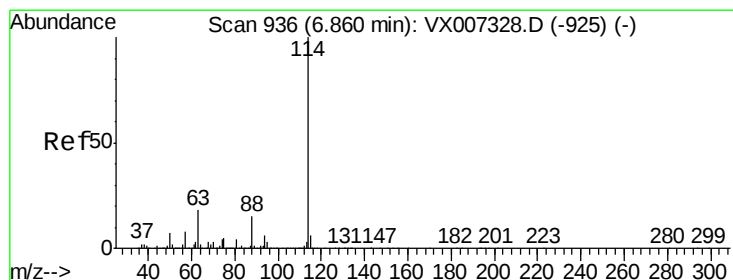
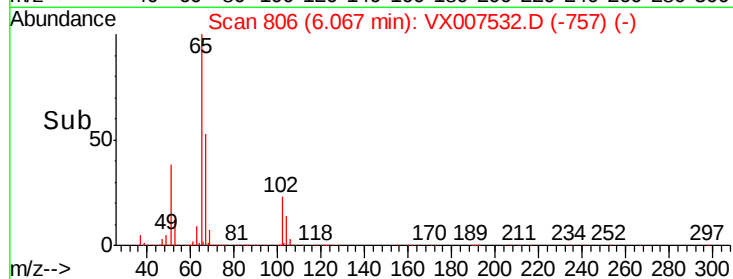
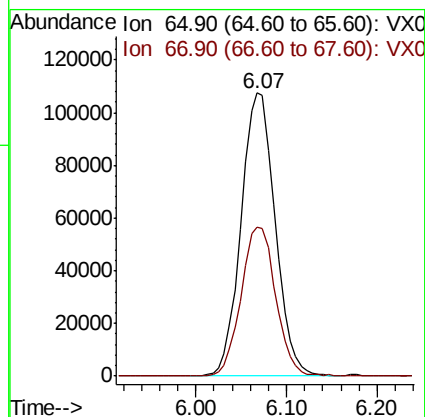
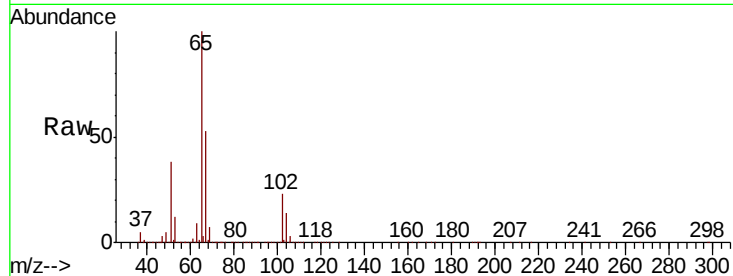




#33
 1,2-Dichloroethane-d4
 Concen: 51.290 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007532.D
 Acq: 13 Feb 2019 20:30

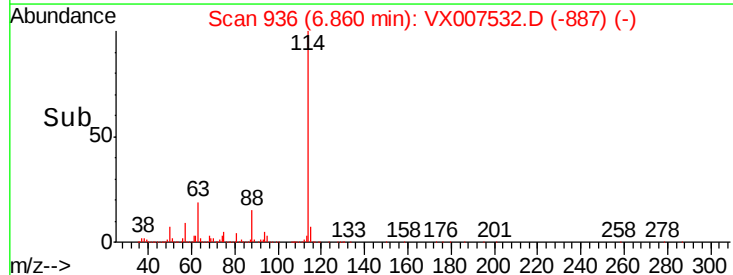
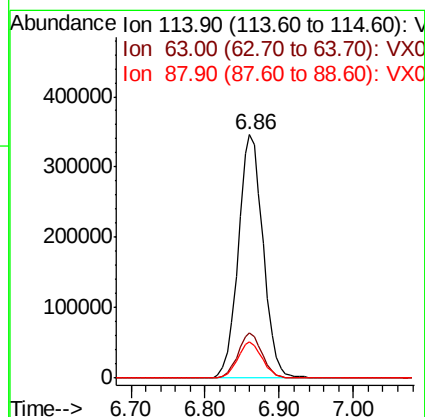
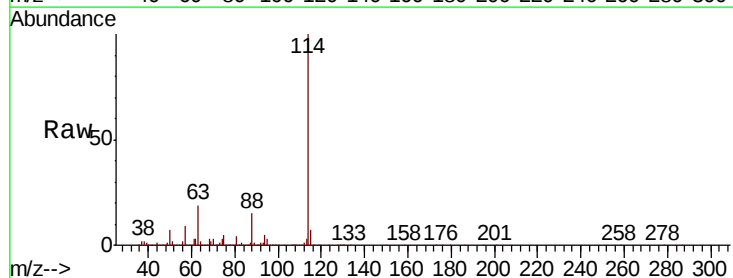
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208

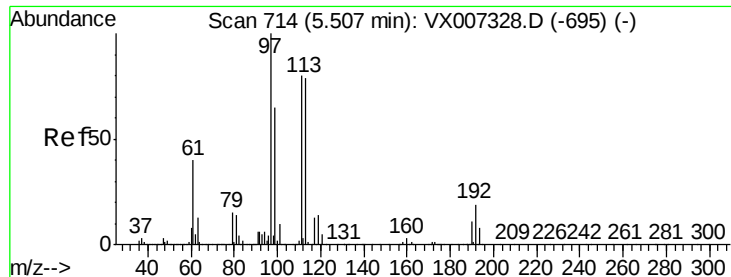
Tot Ion: 65 Resp: 278888
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007532.D
 Acq: 13 Feb 2019 20:30

Tgt Ion: 114 Resp: 806240
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.6
 88 15.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.407 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208

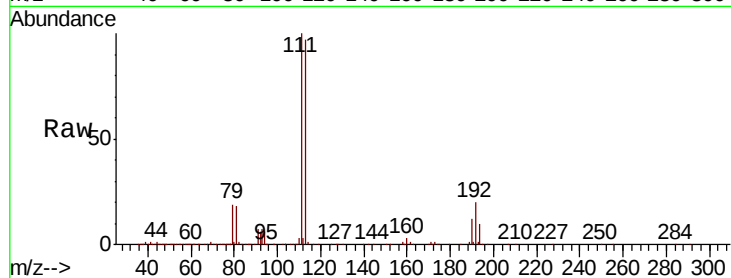
Tot Ion:113 Resp: 259184

Ion Ratio Lower Upper

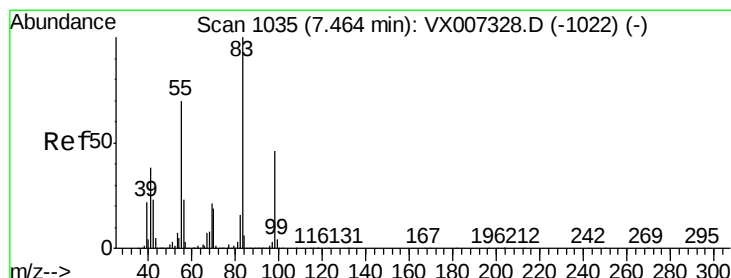
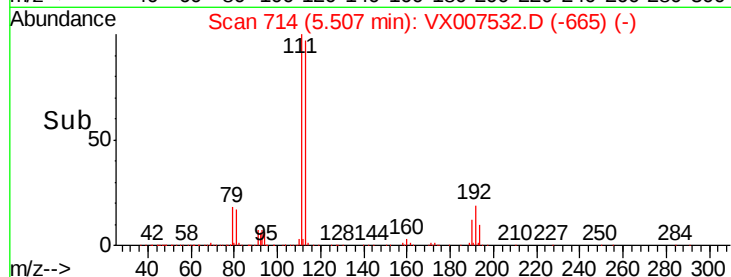
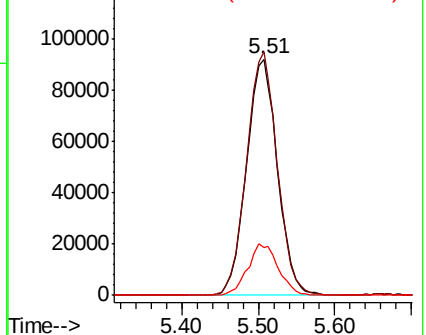
113 100

111 102.3 81.8 122.8

192 21.6 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: 7.306 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

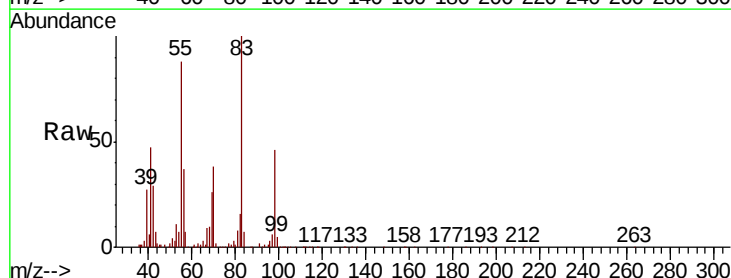
Tgt Ion: 83 Resp: 63948

Ion Ratio Lower Upper

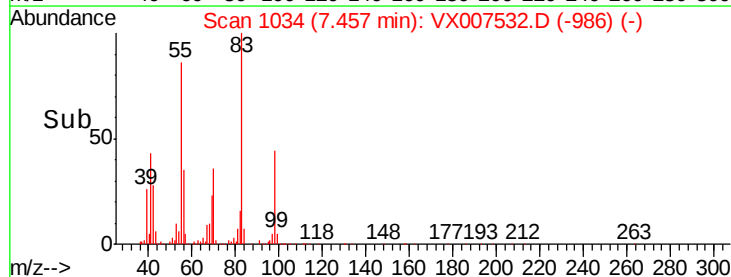
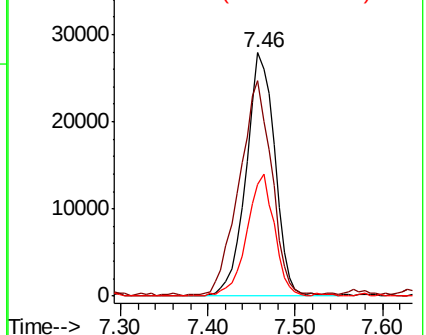
83 100

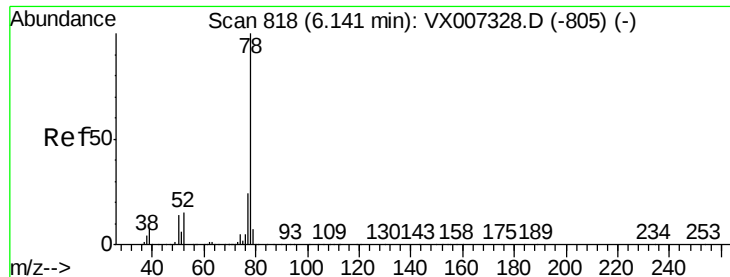
55 87.6 56.2 84.2#

98 45.6 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: 7.887 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

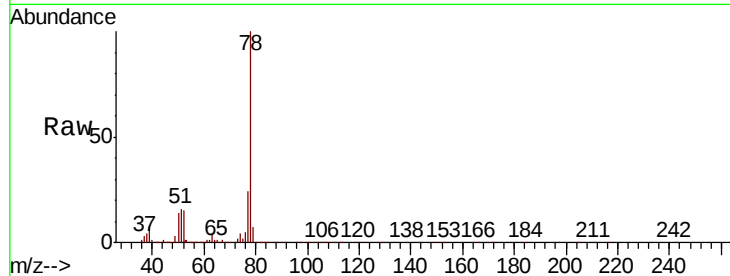
MW-2-20190208

Tot Ion: 78 Resp: 168064

Ion Ratio Lower Upper

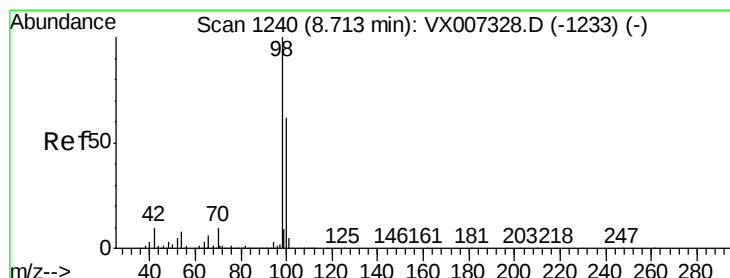
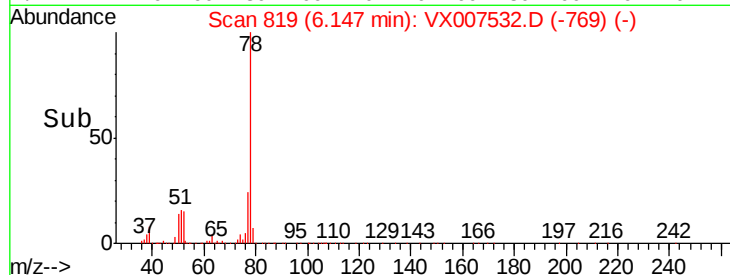
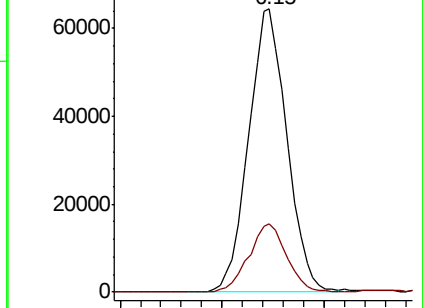
78 100

77 24.1 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.681 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007532.D

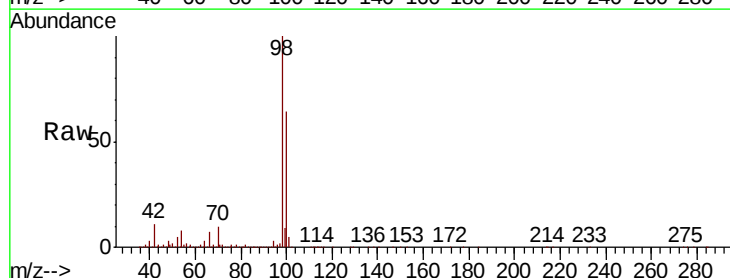
Acq: 13 Feb 2019 20:30

Tgt Ion: 98 Resp: 966949

Ion Ratio Lower Upper

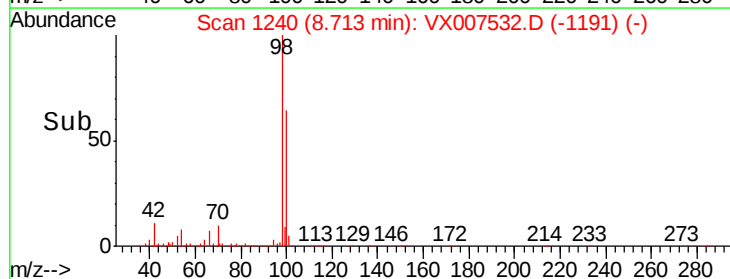
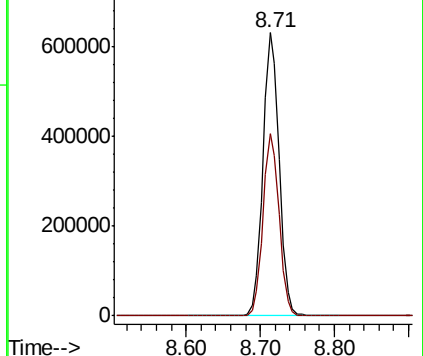
98 100

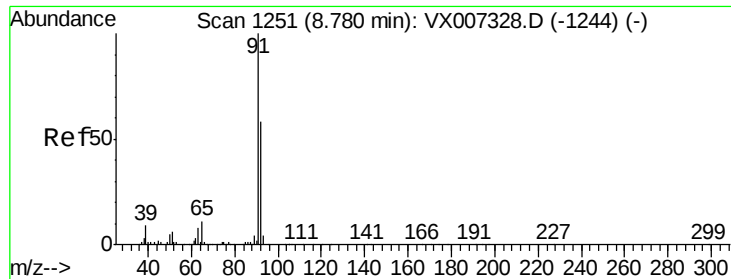
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.555 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

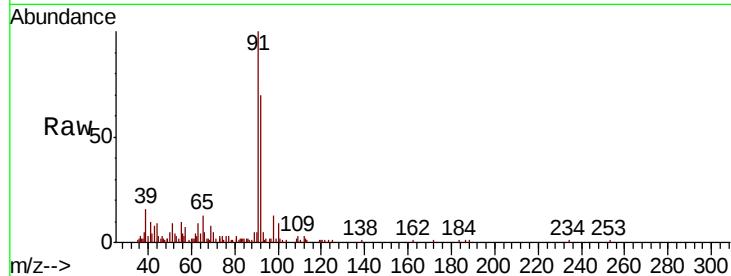
MW-2-20190208

Tot Ion: 92 Resp: 7635

Ion Ratio Lower Upper

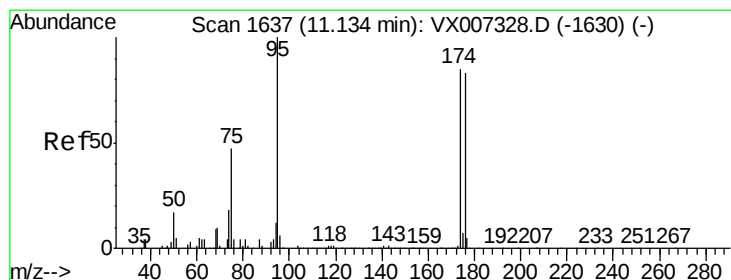
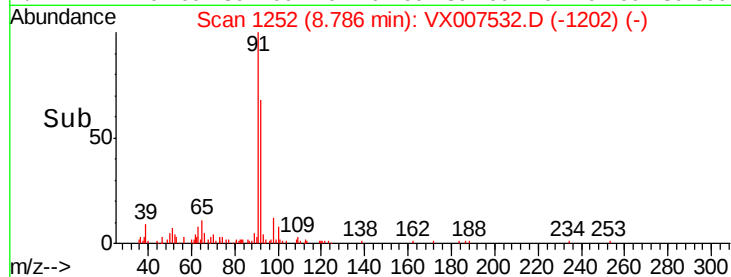
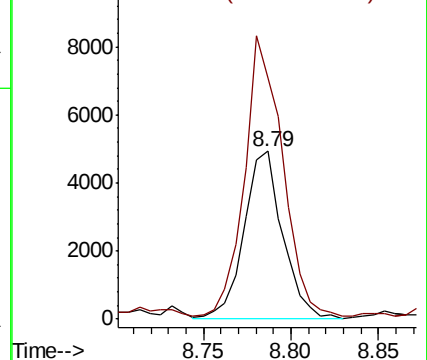
92 100

91 164.6 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 47.277 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

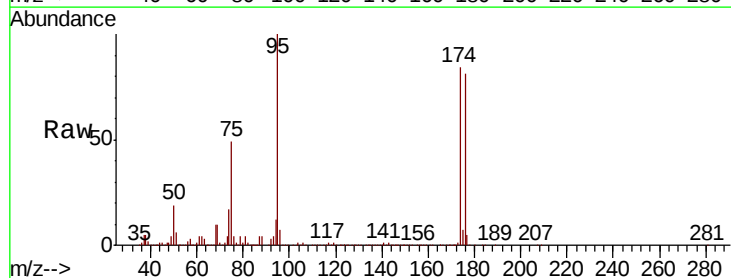
Tgt Ion: 95 Resp: 335956

Ion Ratio Lower Upper

95 100

174 92.4 0.0 189.2

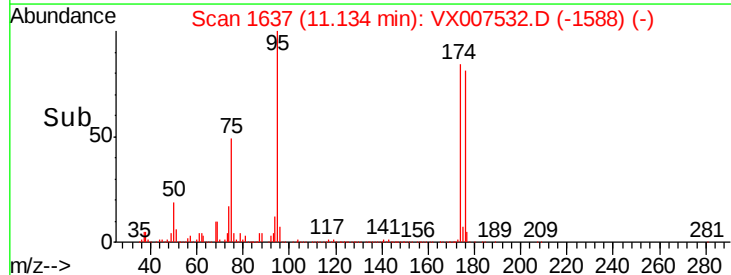
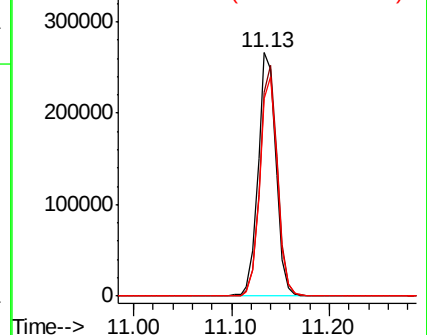
176 88.8 0.0 186.2

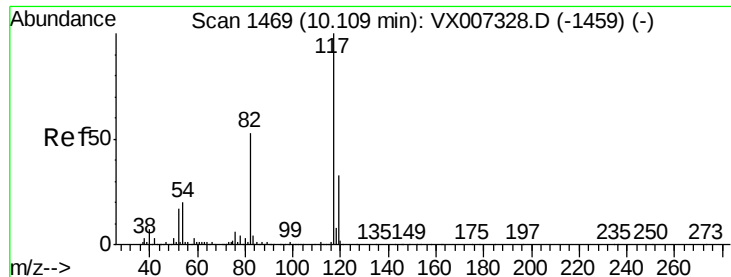


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

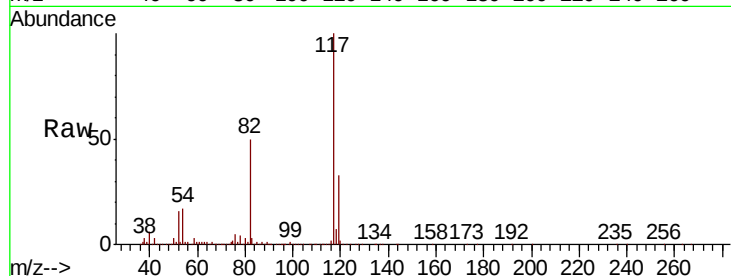




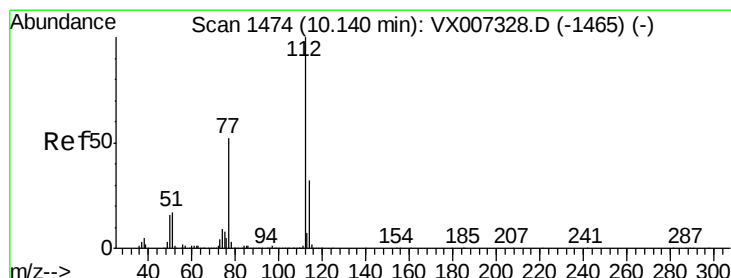
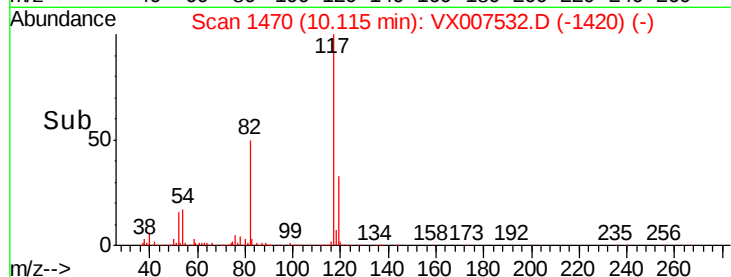
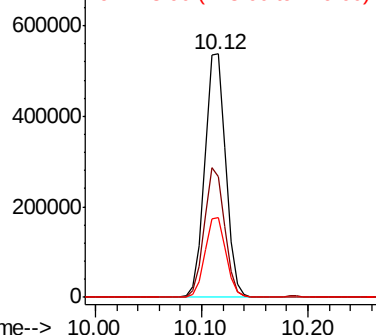
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208

Tot Ion:117 Resp: 745078
Ion Ratio Lower Upper
117 100
82 49.7 42.1 63.1
119 32.6 26.5 39.7

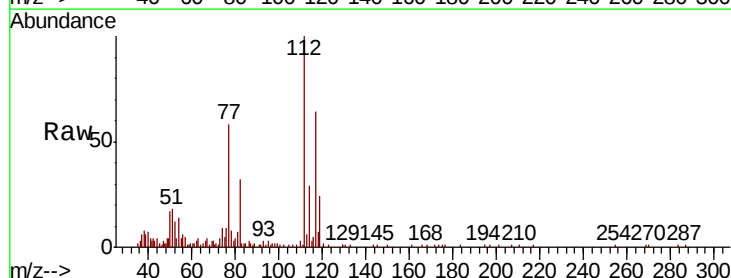


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

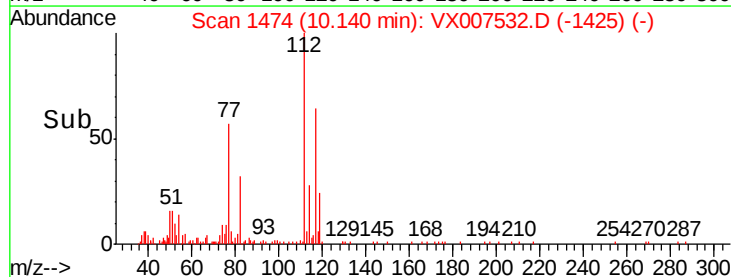
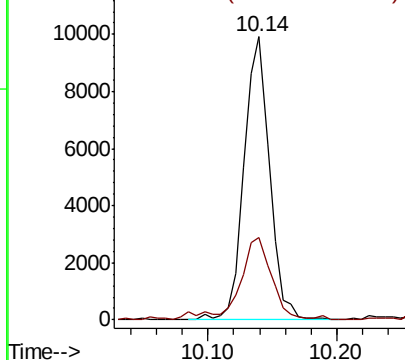


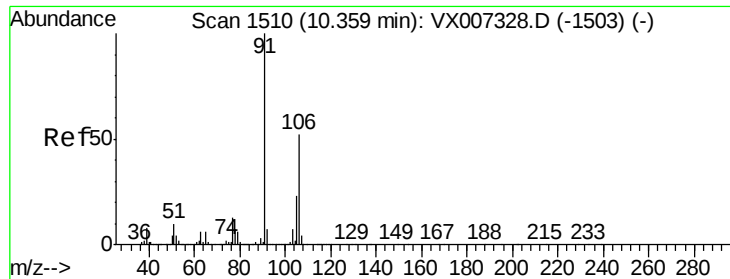
#65
Chlorobenzene
Concen: 0.830 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

Tgt Ion:112 Resp: 13501
Ion Ratio Lower Upper
112 100
114 29.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#68

m/p-Xvlenes

Concen: 0.661 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

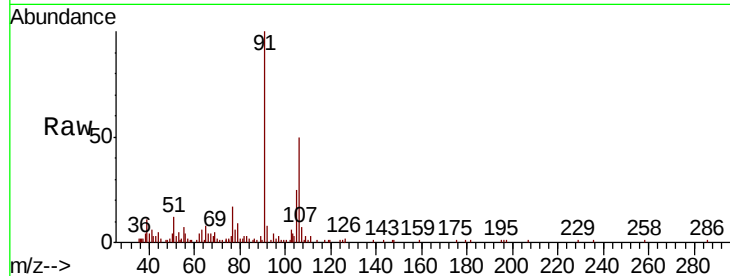
MW-2-20190208

Tot Ion:106 Resp: 6876

Ion Ratio Lower Upper

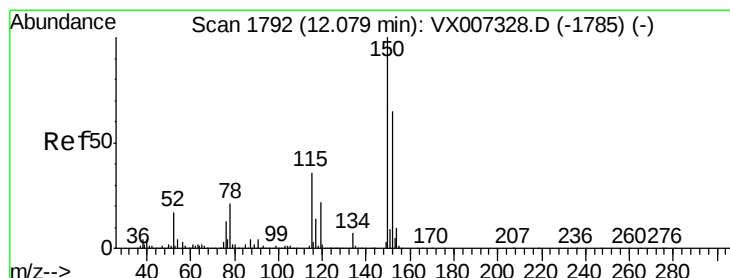
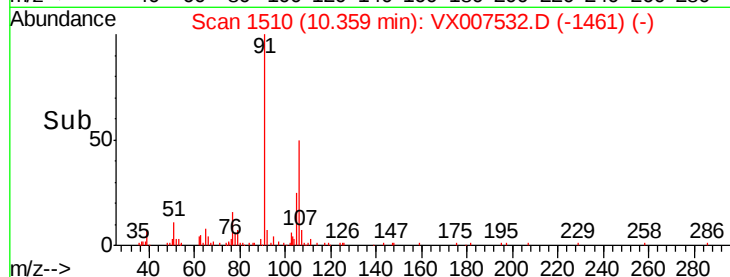
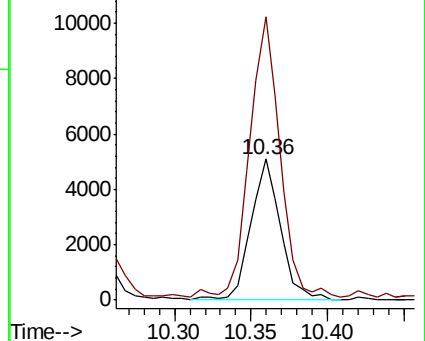
106 100

91 203.5 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

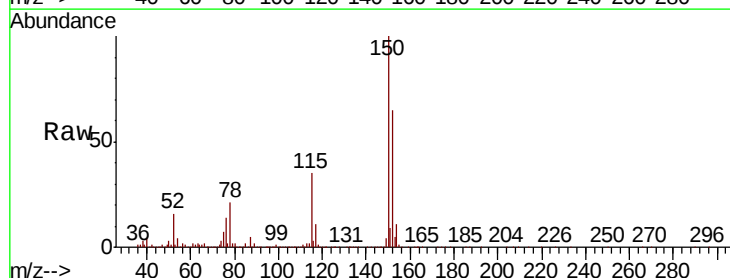
Tgt Ion:152 Resp: 358535

Ion Ratio Lower Upper

152 100

115 54.7 38.0 114.0

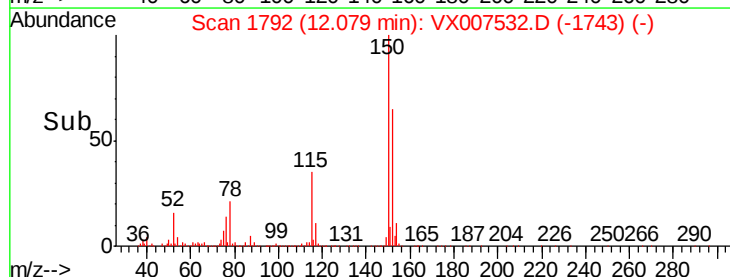
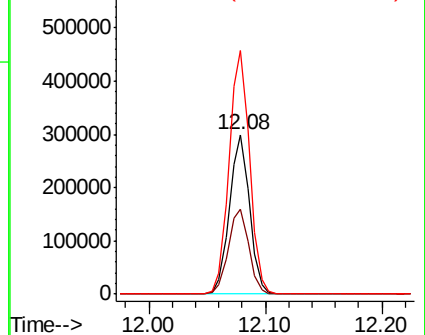
150 155.5 0.0 346.4

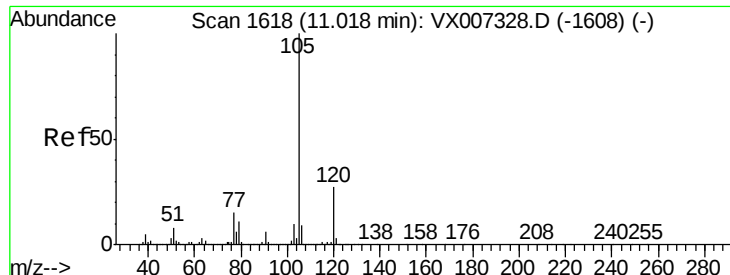


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.501 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208

Tot Ion:105 Resp: 12210

Ion Ratio Lower Upper

105 100

120 33.3 13.6 40.7

