

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054267.D
 Acq On : 14 Mar 2019 17:37
 Operator : JC/SP
 Sample : K1899-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5A

Quant Time: Mar 15 10:01:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1505887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2436487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2541188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1274031	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	746081	46.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.30%	
35) Dibromofluoromethane	7.59	113	743580	47.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.64%	
50) Toluene-d8	10.09	98	3016729	51.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.40	95	1170589	57.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	115.30%	

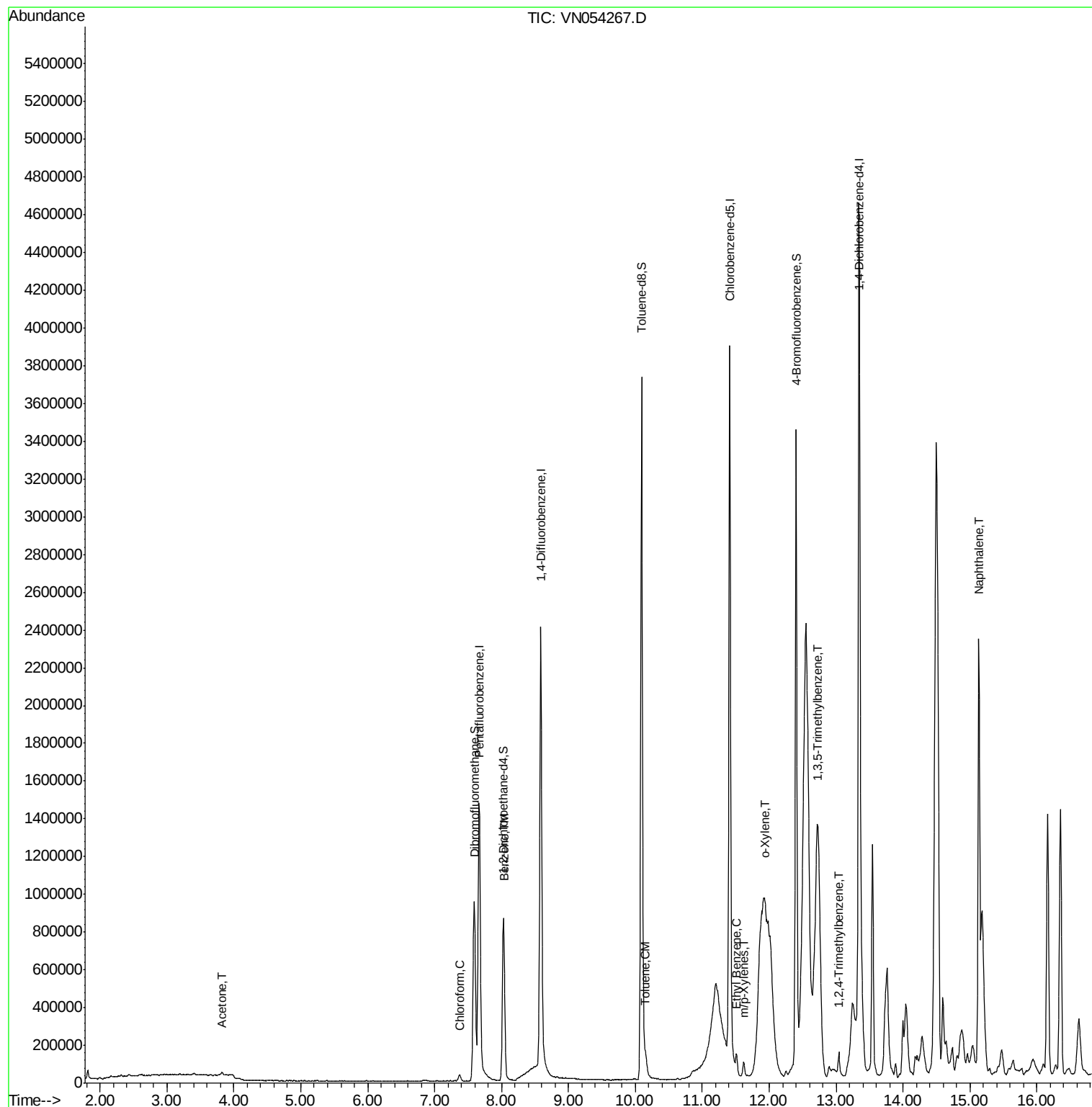
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	24213	5.288	ug/l	92
30) Chloroform	7.37	83	33453	1.246	ug/l	97
40) Benzene	8.04	78	27122	0.422	ug/l	97
52) Toluene	10.16	92	28555	0.701	ug/l	98
67) Ethyl Benzene	11.51	91	68051	0.736	ug/l	98
68) m/p-Xylenes	11.62	106	27336	0.756	ug/l	92
69) o-Xylene	11.95	106	18014	0.511	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	37565	0.443	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	69543	0.836	ug/l	98
95) Naphthalene	15.13	128	2086779	38.223	ug/l	100

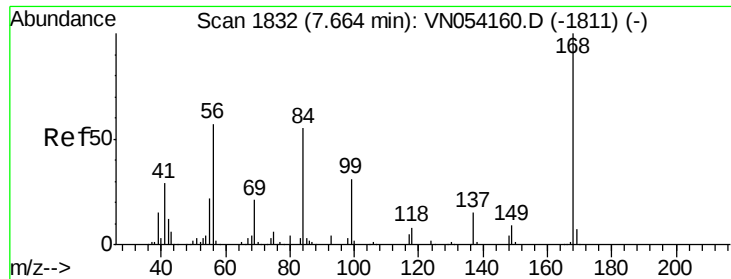
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

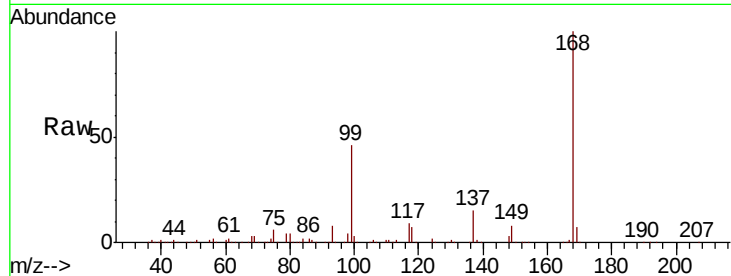
MW-5A

Tgt Ion:168 Resp: 1505887

Ion Ratio Lower Upper

168 100

99 46.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054267.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054267.D (-1739) (-)

7.66

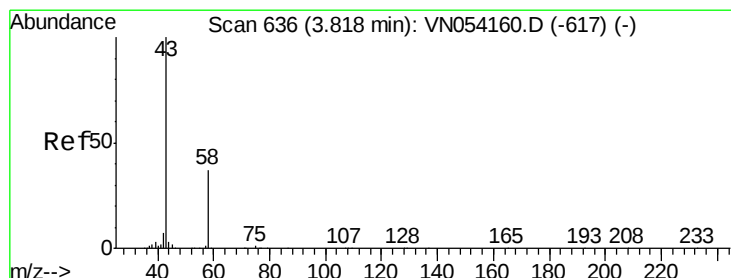
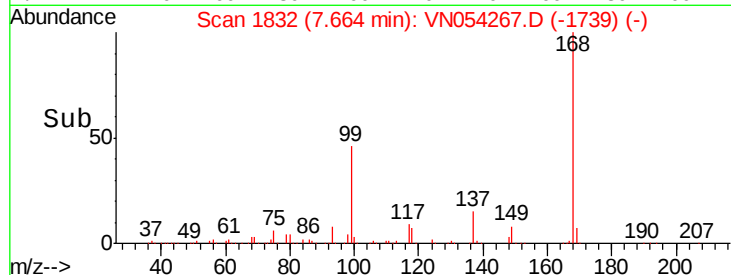
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 5.288 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054267.D

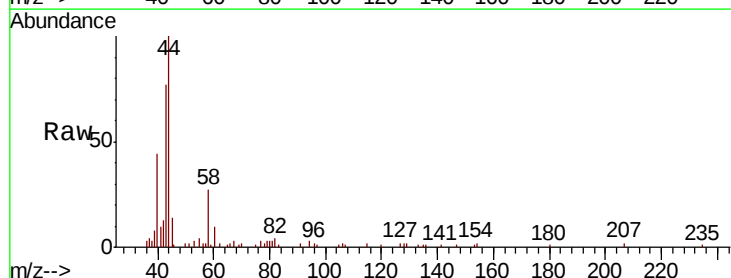
Acq: 14 Mar 2019 17:37

Tgt Ion: 43 Resp: 24213

Ion Ratio Lower Upper

43 100

58 42.0 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054267.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054267.D (-543) (-)

3.82

12000

10000

8000

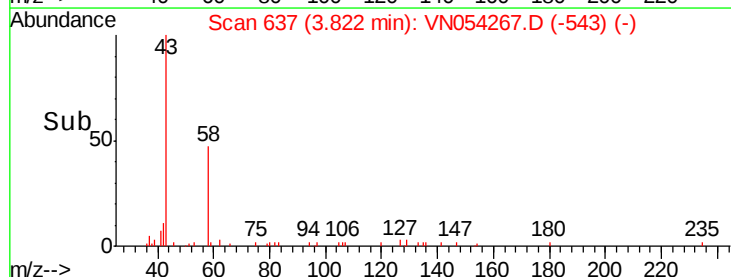
6000

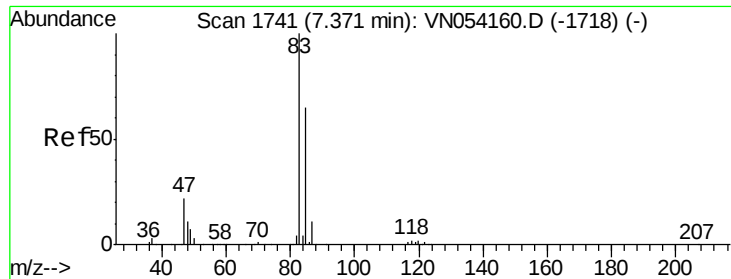
4000

2000

0

Time-->

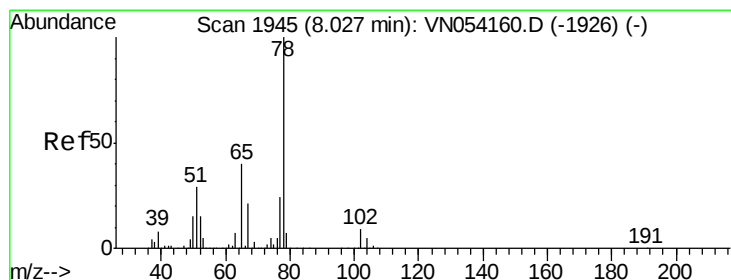
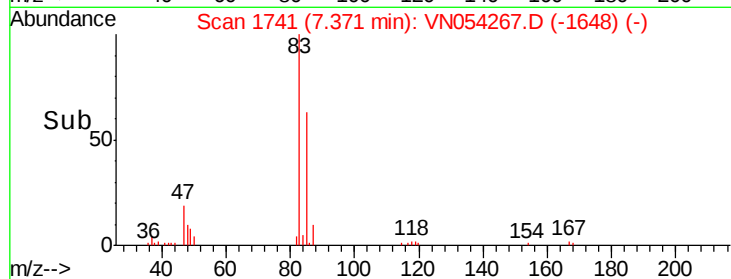
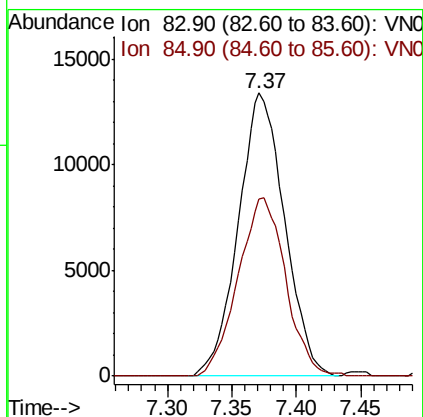
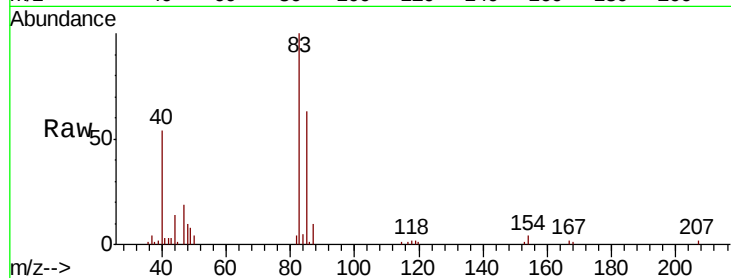




#30
Chloroform
Concen: 1.246 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

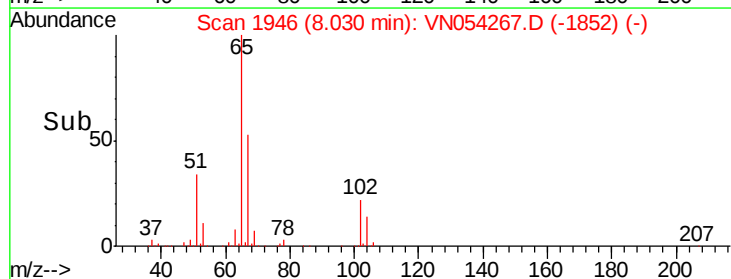
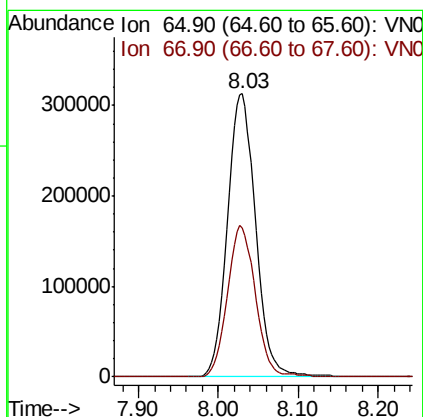
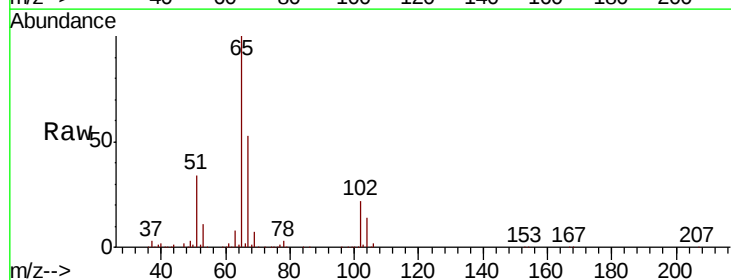
Instrument :
MSVOA_N
ClientSampled :
MW-5A

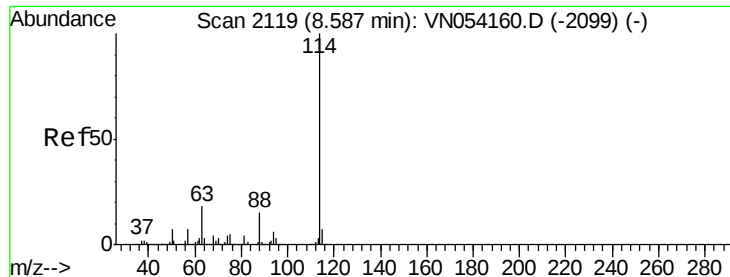
Tgt Ion: 83 Resp: 33453
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 46.652 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion: 65 Resp: 746081
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.6

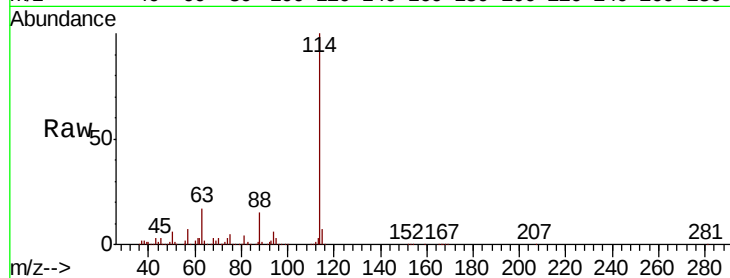




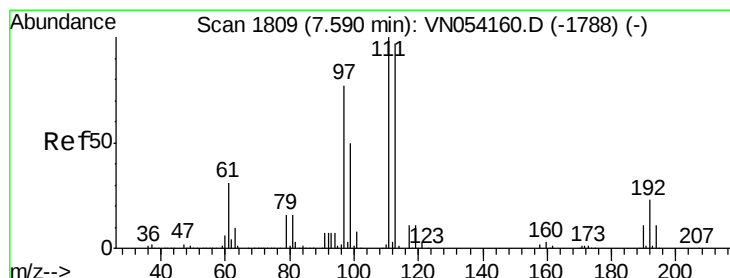
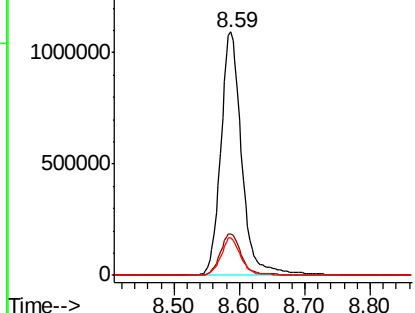
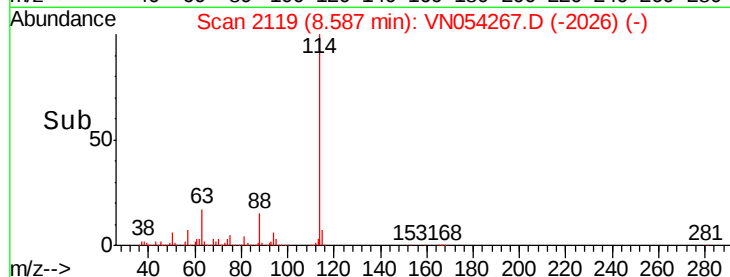
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054267.D
 Acq: 14 Mar 2019 17:37

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5A

Tgt Ion:114 Resp: 2436487
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.2
 88 15.3 0.0 30.2

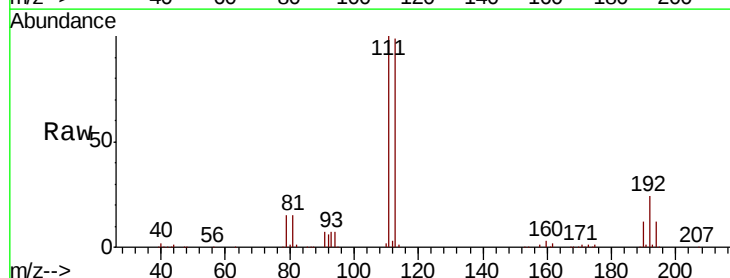


Abundance Ion 113.90 (113.60 to 114.60): V
 1500000 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

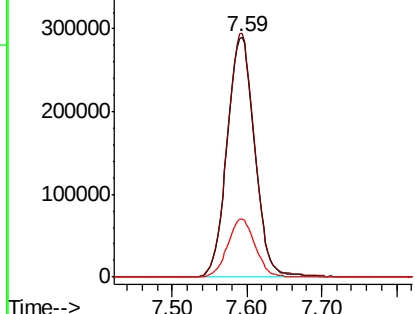
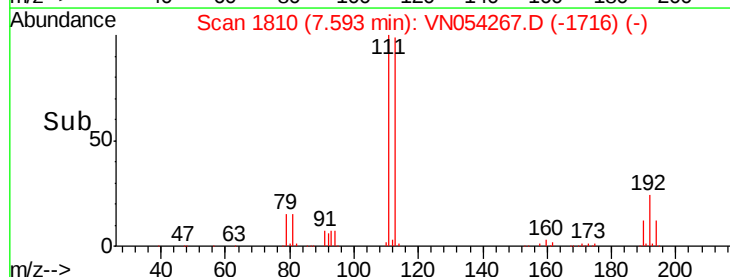


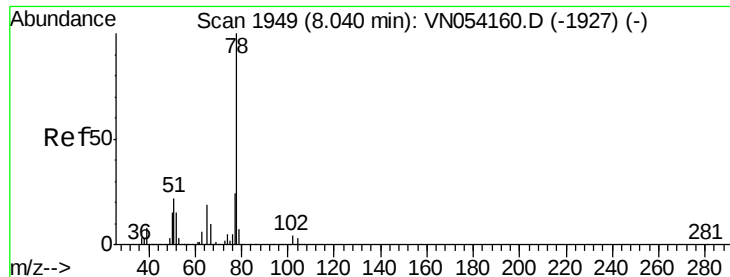
#35
 Dibromofluoromethane
 Concen: 47.319 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054267.D
 Acq: 14 Mar 2019 17:37

Tgt Ion:113 Resp: 743580
 Ion Ratio Lower Upper
 113 100
 111 100.5 82.2 123.4
 192 24.0 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
 400000 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.422 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

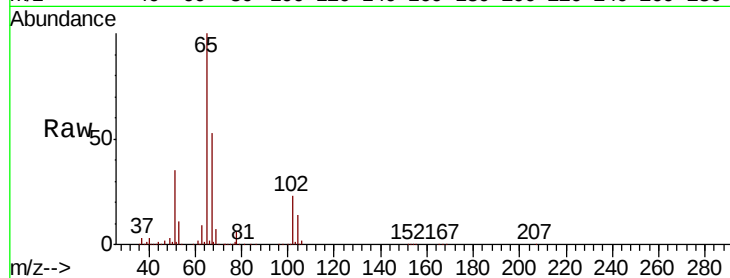
MW-5A

Tgt Ion: 78 Resp: 27122

Ion Ratio Lower Upper

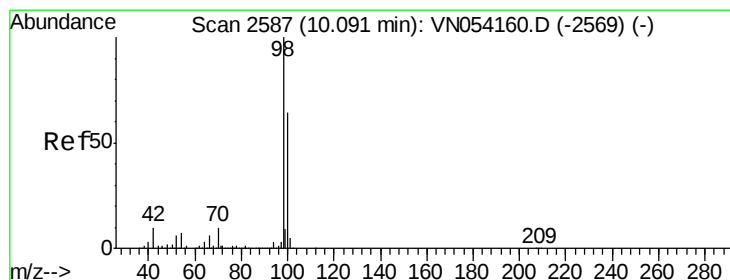
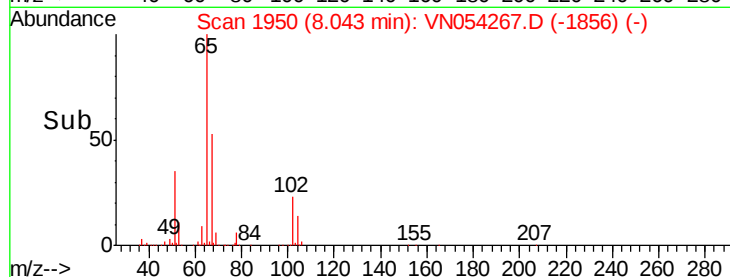
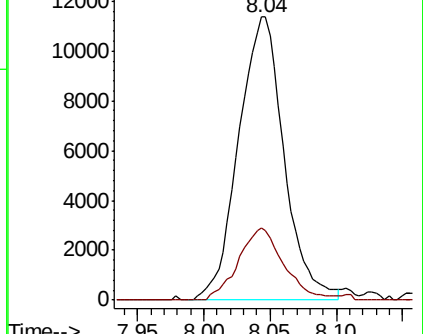
78 100

77 25.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 51.981 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054267.D

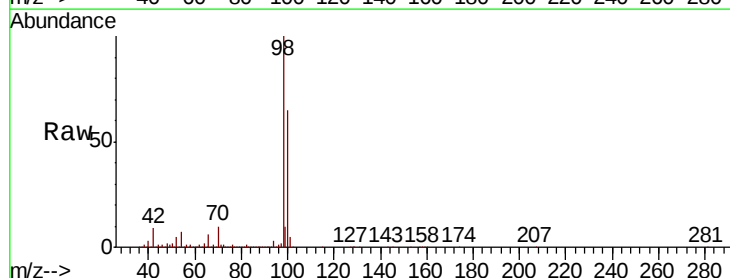
Acq: 14 Mar 2019 17:37

Tgt Ion: 98 Resp: 3016729

Ion Ratio Lower Upper

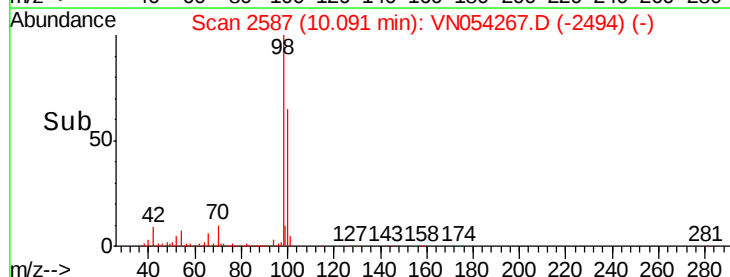
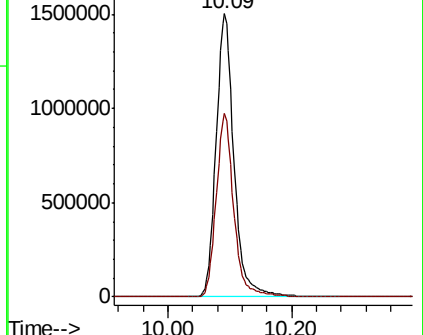
98 100

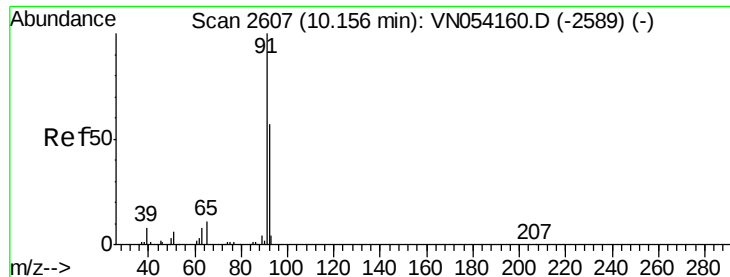
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 0.701 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampled :

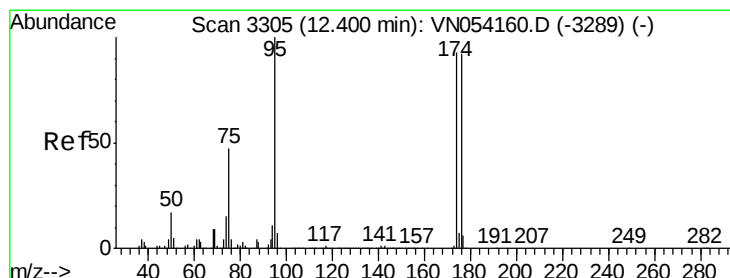
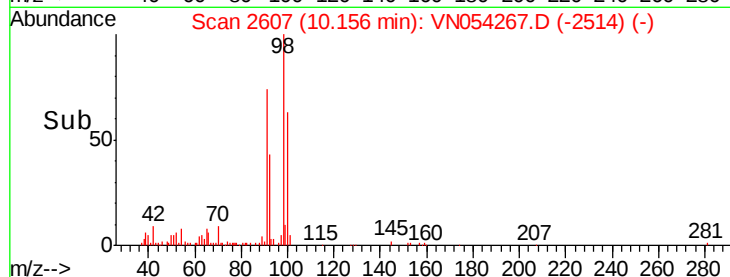
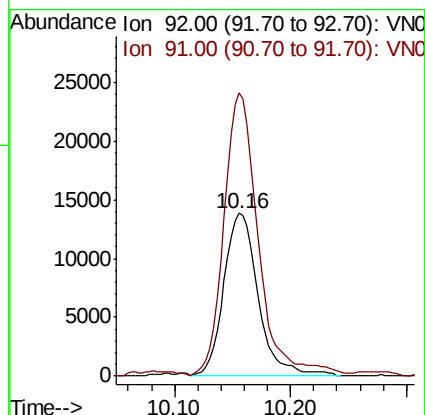
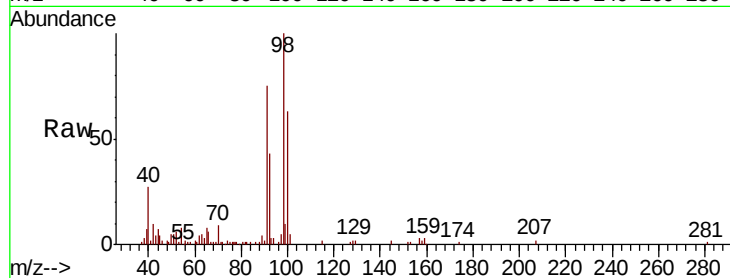
MW-5A

Tgt Ion: 92 Resp: 28555

Ion Ratio Lower Upper

92 100

91 173.4 140.7 211.1



#62

4-Bromofluorobenzene

Concen: 57.646 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

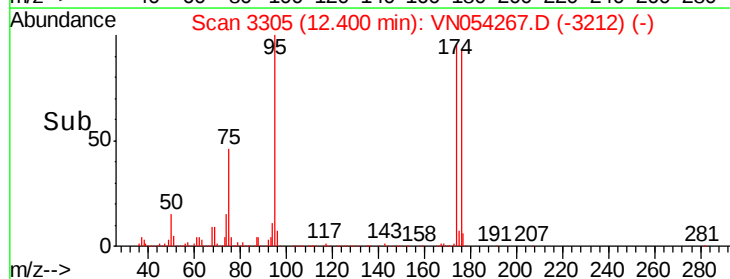
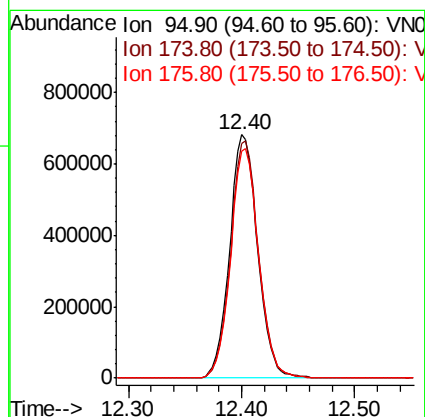
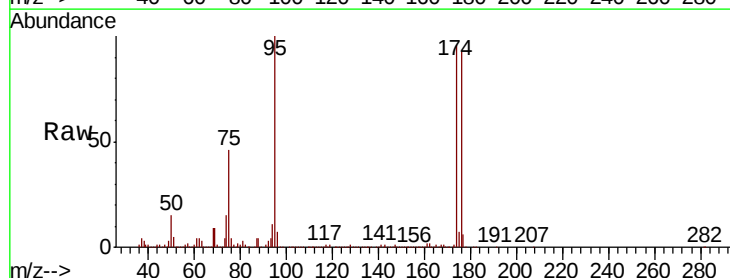
Tgt Ion: 95 Resp: 1170589

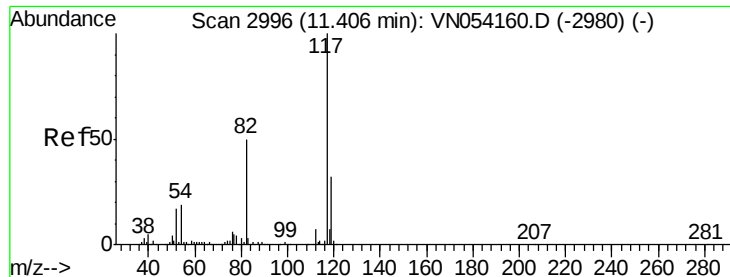
Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.0

176 94.7 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

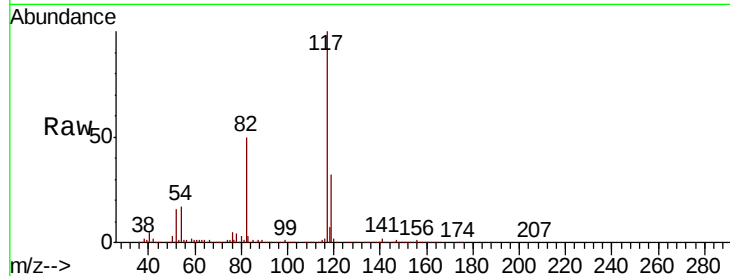
Tgt Ion:117 Resp: 2541188

Ion Ratio Lower Upper

117 100

82 50.0 40.0 60.0

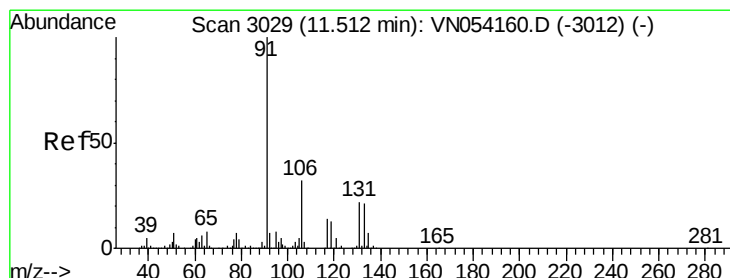
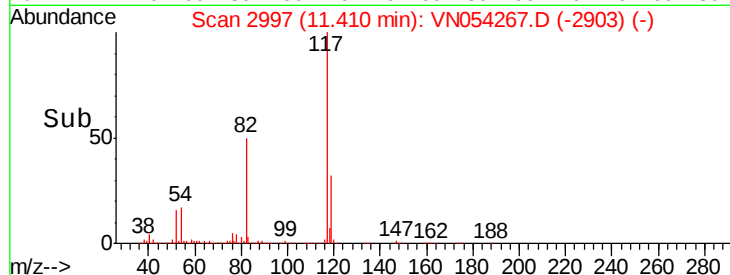
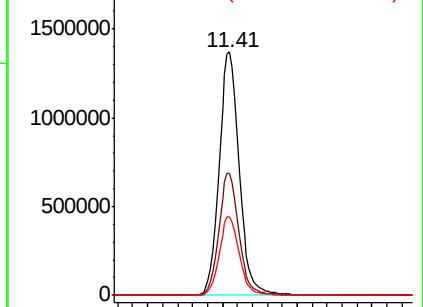
119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 0.736 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN054267.D

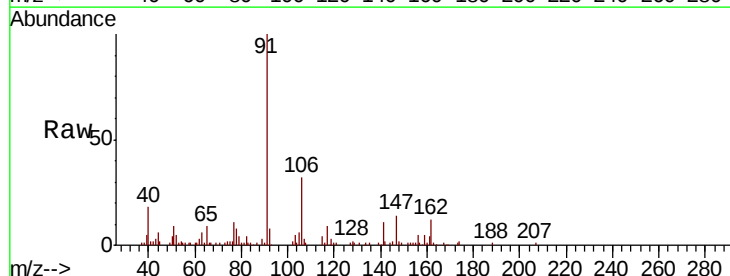
Acq: 14 Mar 2019 17:37

Tgt Ion: 91 Resp: 68051

Ion Ratio Lower Upper

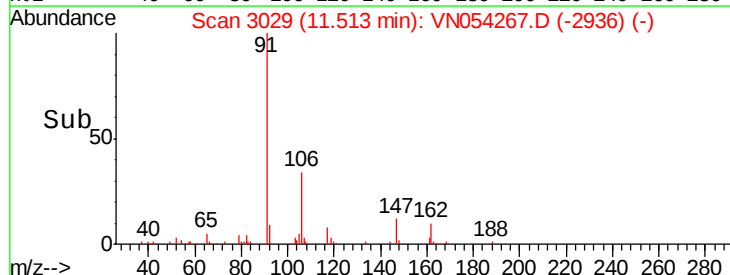
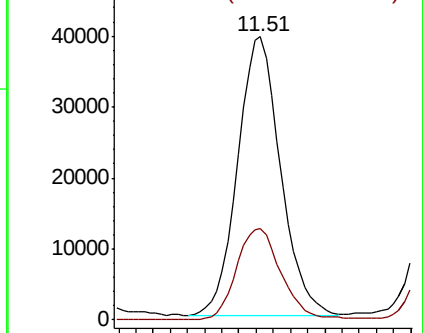
91 100

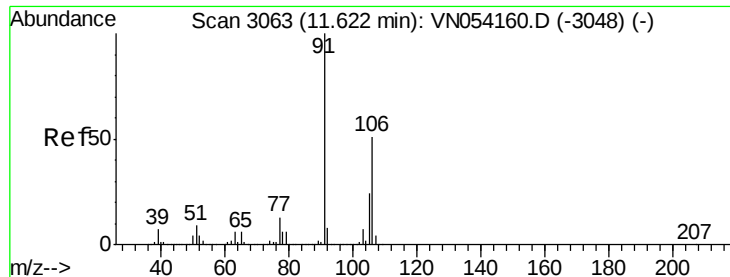
106 32.8 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

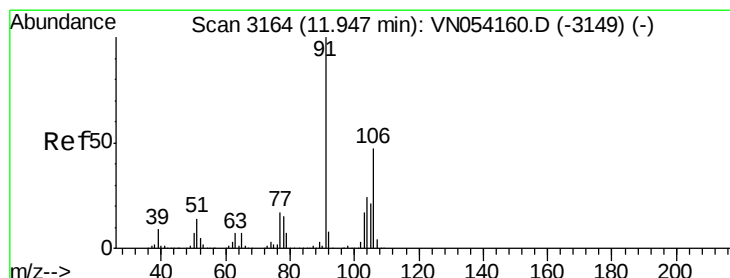
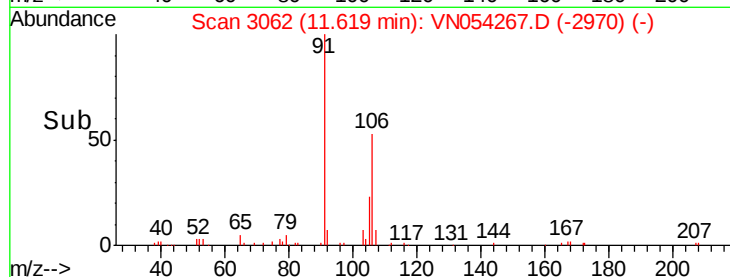
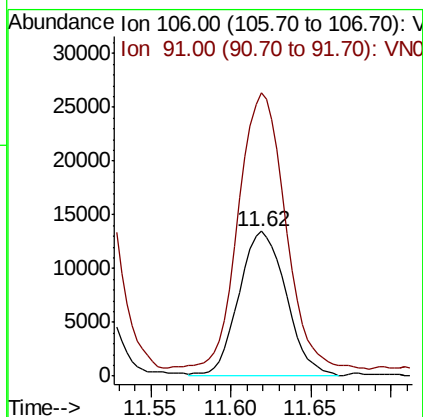
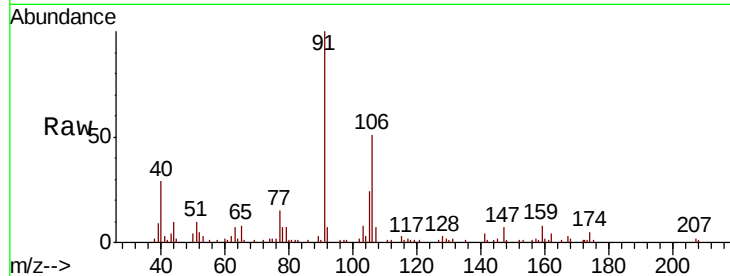




#68
m/p-Xylenes
Concen: 0.756 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

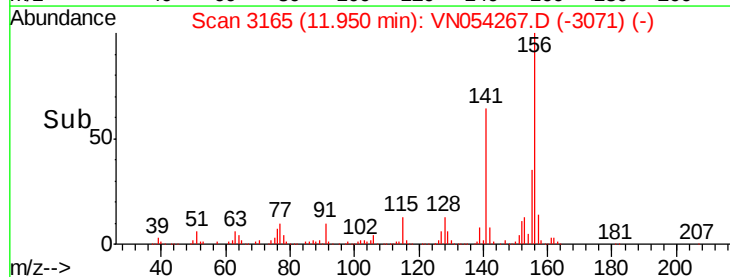
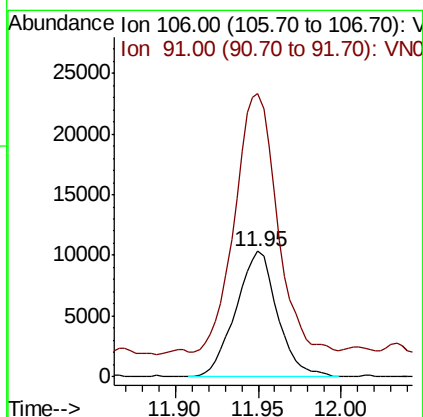
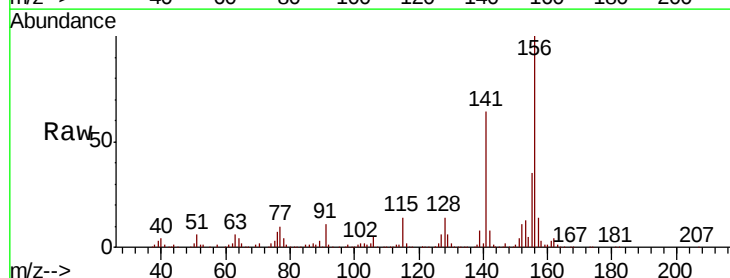
Instrument :
MSVOA_N
ClientSampled :
MW-5A

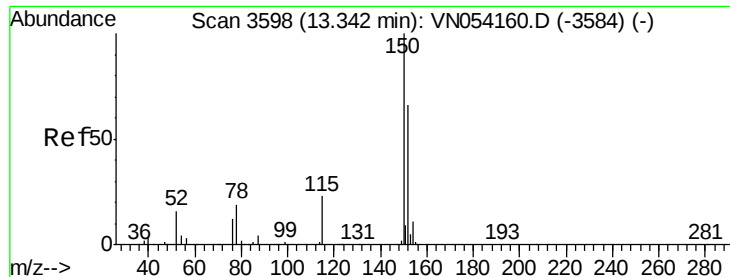
Tgt Ion:106 Resp: 27336
Ion Ratio Lower Upper
106 100
91 187.6 159.4 239.2



#69
o-Xylene
Concen: 0.511 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion:106 Resp: 18014
Ion Ratio Lower Upper
106 100
91 209.3 105.7 317.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

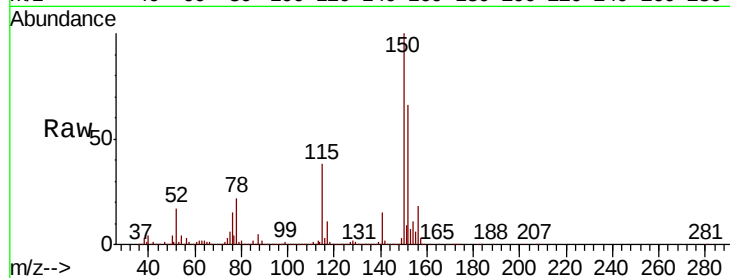
Tgt Ion:152 Resp: 1274031

Ion Ratio Lower Upper

152 100

115 62.7 27.2 81.6

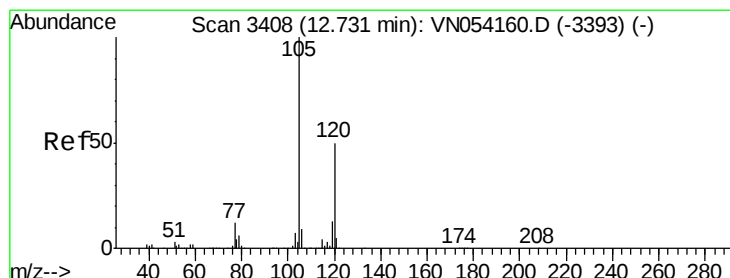
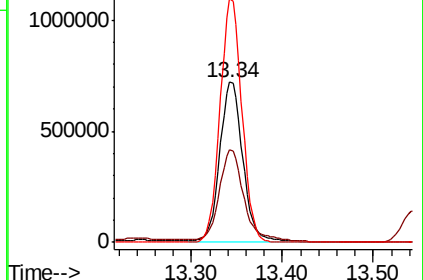
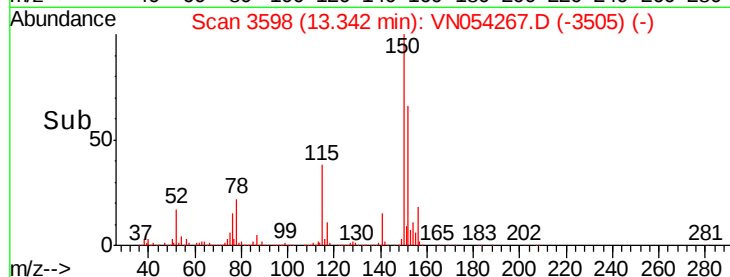
150 142.9 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 0.443 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054267.D

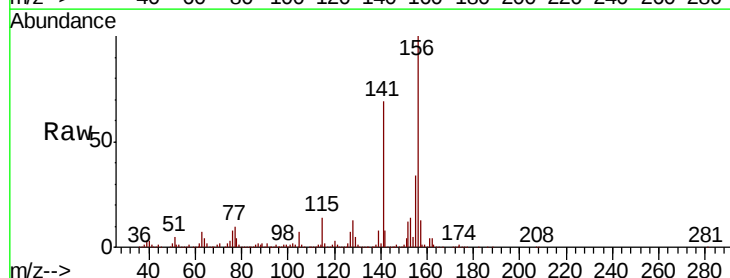
Acq: 14 Mar 2019 17:37

Tgt Ion:105 Resp: 37565

Ion Ratio Lower Upper

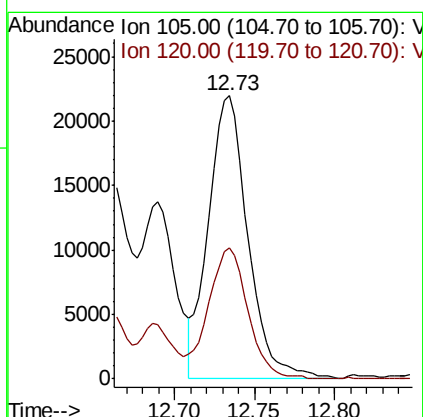
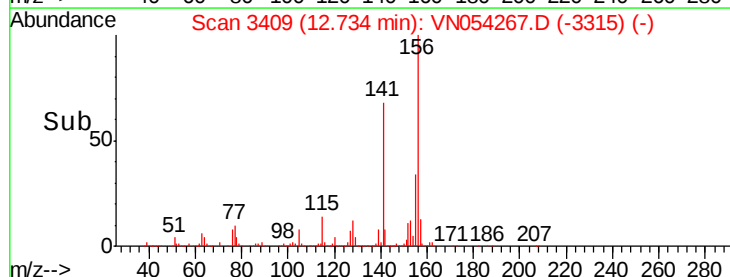
105 100

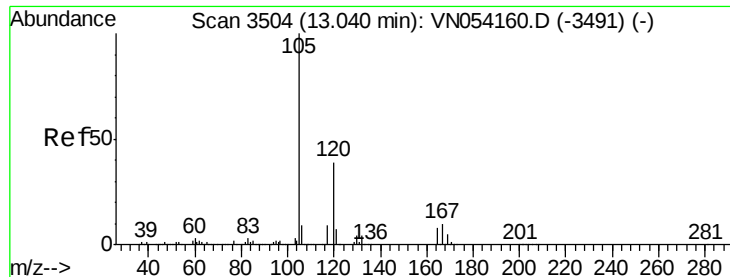
120 46.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 0.836 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampled :

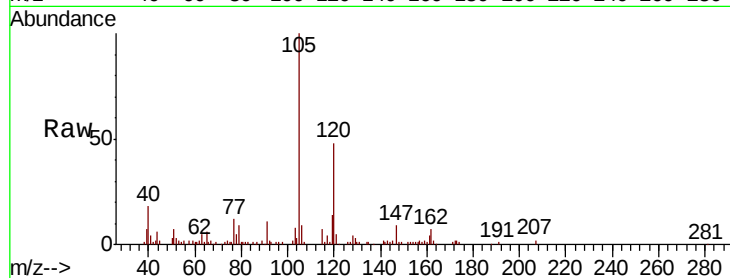
MW-5A

Tgt Ion:105 Resp: 69543

Ion Ratio Lower Upper

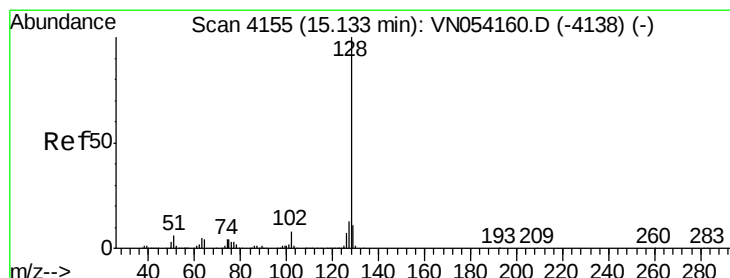
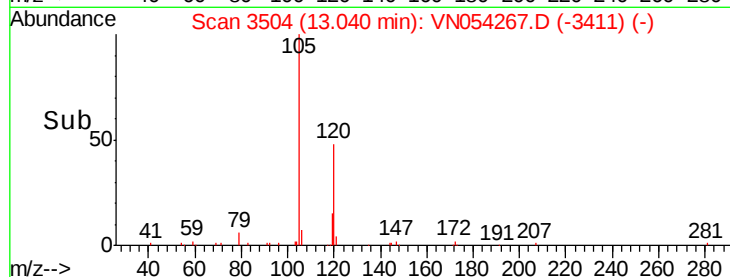
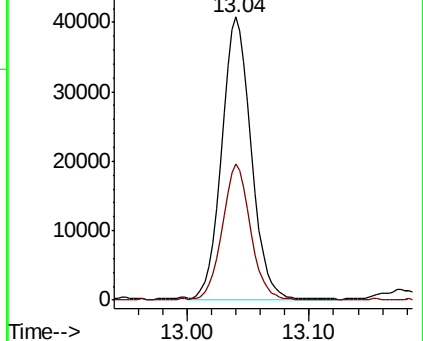
105 100

120 45.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 38.223 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

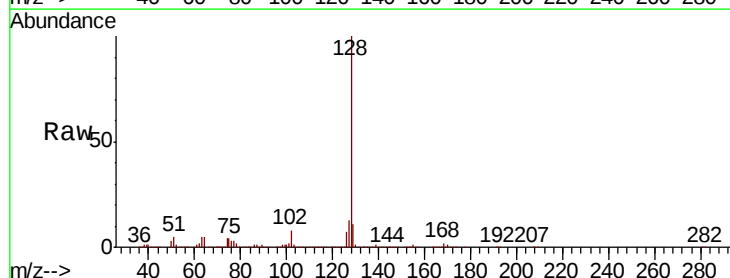
Tgt Ion:128 Resp: 2086779

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.8 8.7 13.1



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

