

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055947.D
 Acq On : 1 Jun 2019 4:31
 Operator : JC/SP
 Sample : K3125-25 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13899

Quant Time: Jun 01 05:41:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

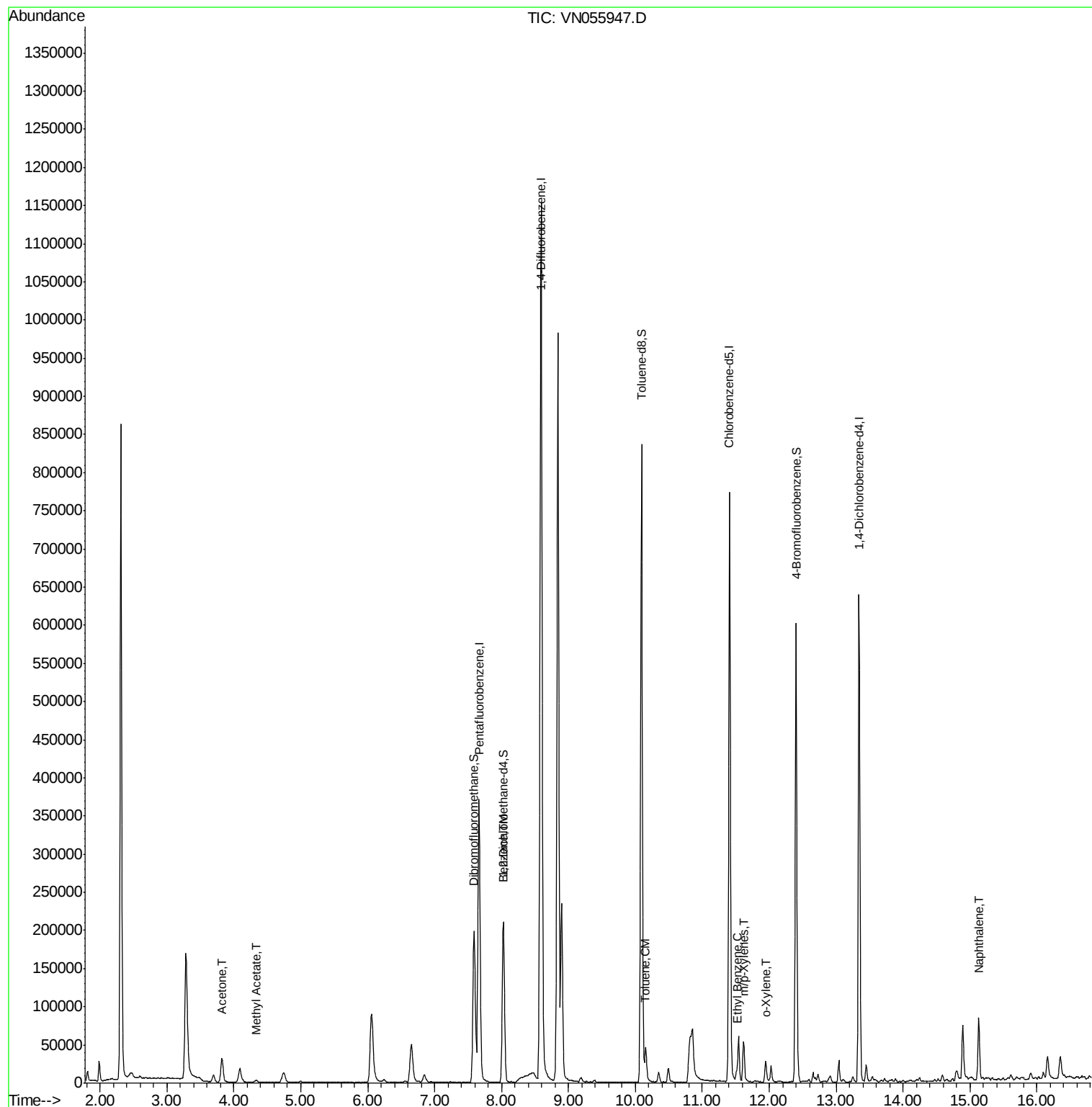
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	347312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	531712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	177938	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	7.59	113	152911	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
50) Toluene-d8	10.09	98	628145	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.40	95	214067	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
16) Acetone	3.82	43	52129	33.063	ug/l	99
18) Methyl Acetate	4.33	43	6007	0.626	ug/l #	75
40) Benzene	8.04	78	4773	0.342	ug/l	99
52) Toluene	10.16	92	18587	2.116	ug/l	98
67) Ethyl Benzene	11.51	91	10520	0.591	ug/l	98
68) m/p-Xylenes	11.62	106	18387	2.731	ug/l	99
69) o-Xylene	11.95	106	8474	1.268	ug/l	99
95) Naphthalene	15.13	128	73245	8.303	ug/l	100

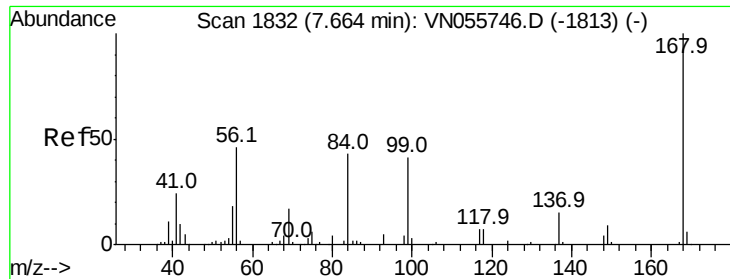
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN053119\
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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 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: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampled :

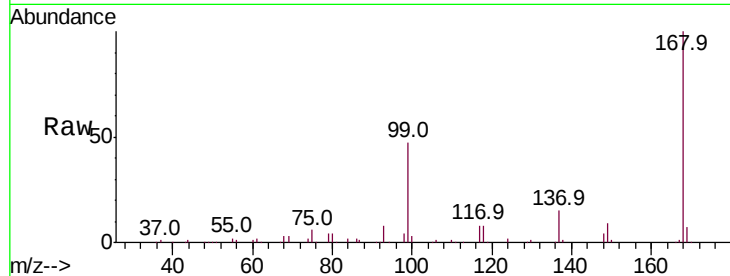
13899

Tot Ion:168 Resp: 347312

Ion Ratio Lower Upper

168 100

99 47.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

100000

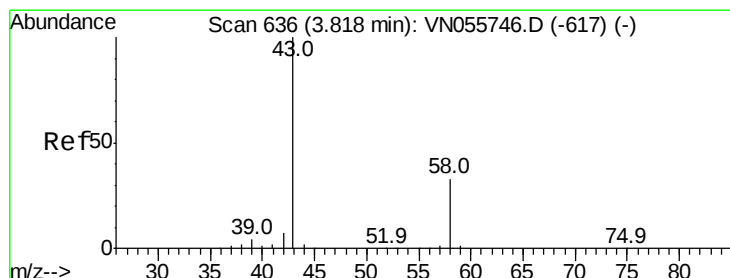
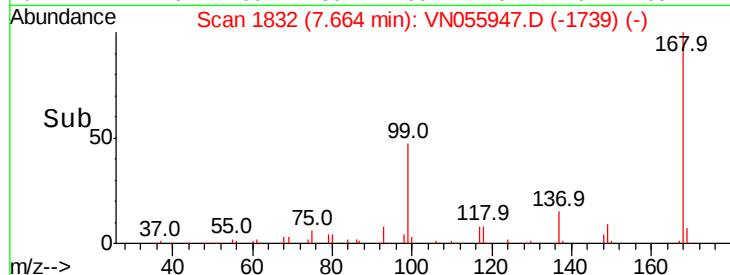
50000

0

Time-->

7.60

7.70



#16

Acetone

Concen: 33.063 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055947.D

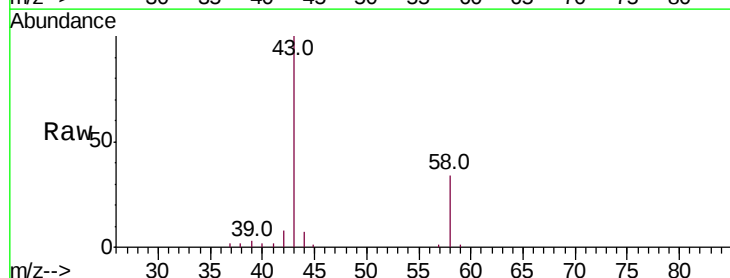
Acq: 1 Jun 2019 4:31

Tgt Ion: 43 Resp: 52129

Ion Ratio Lower Upper

43 100

58 33.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

20000

15000

10000

5000

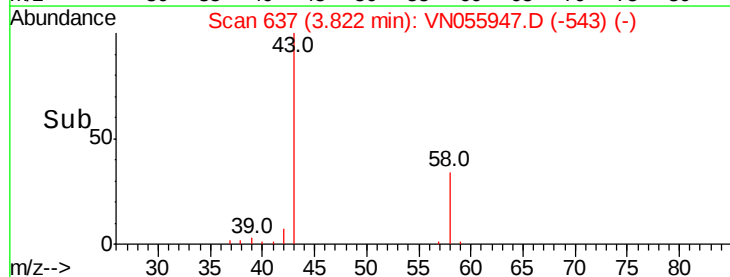
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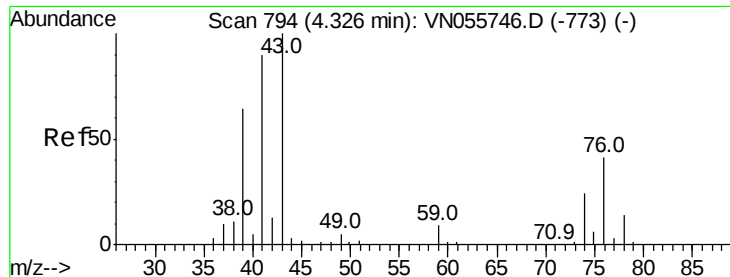
Time-->

3.70

3.80

3.90

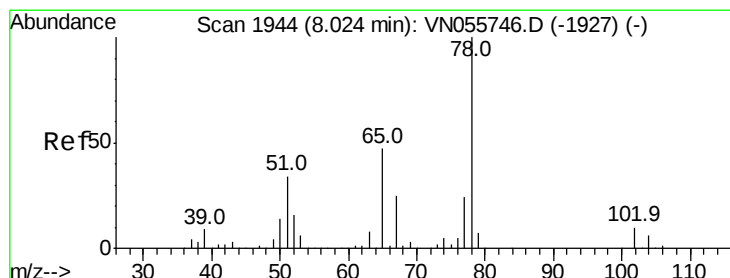
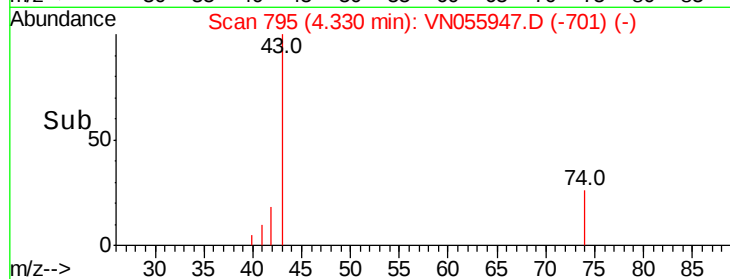
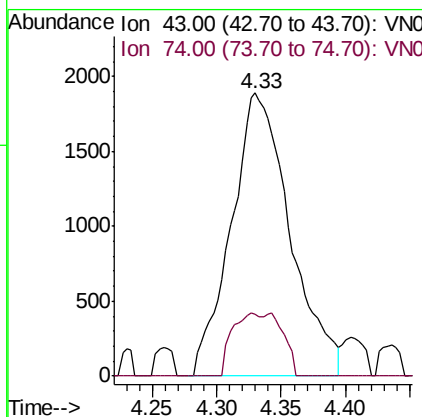
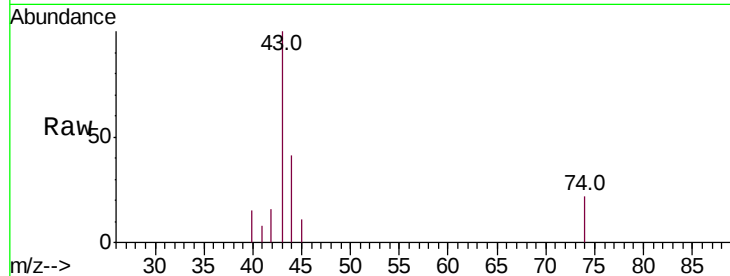




#18
Methvl Acetate
Concen: 0.626 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

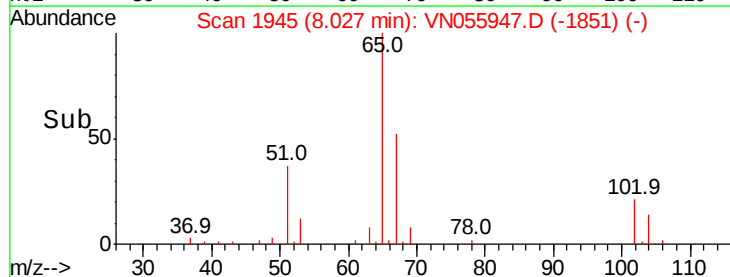
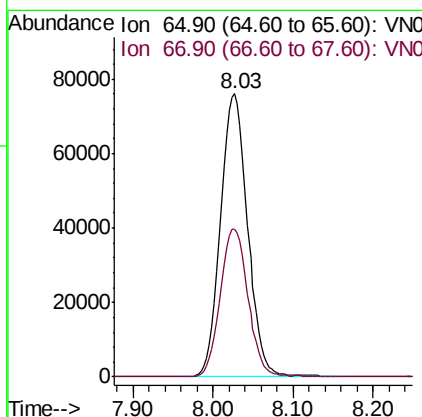
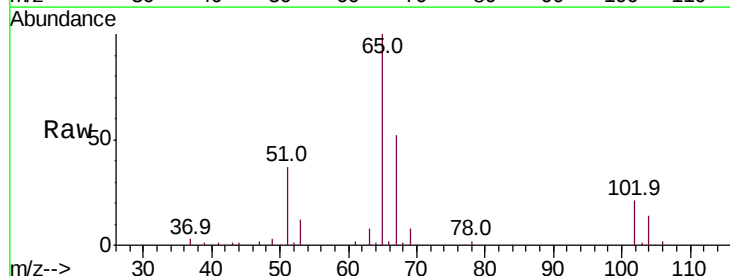
Instrument :
MSVOA_N
ClientSampled :
13899

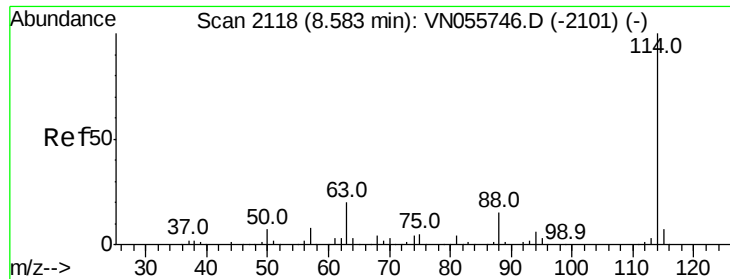
Tot Ion: 43 Resp: 6007
Ion Ratio Lower Upper
43 100
74 11.6 19.3 28.9#



#33
1,2-Dichloroethane-d4
Concen: 49.610 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Tgt Ion: 65 Resp: 177938
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.2

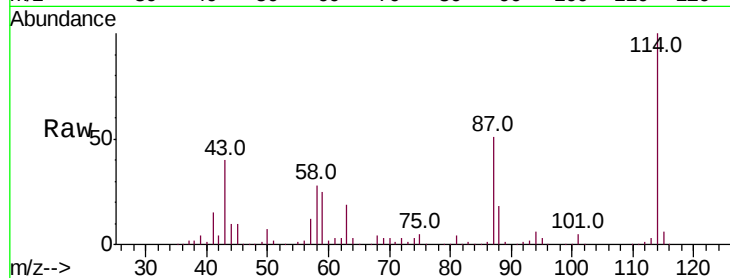




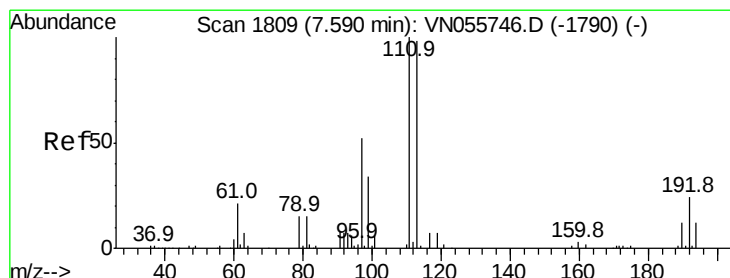
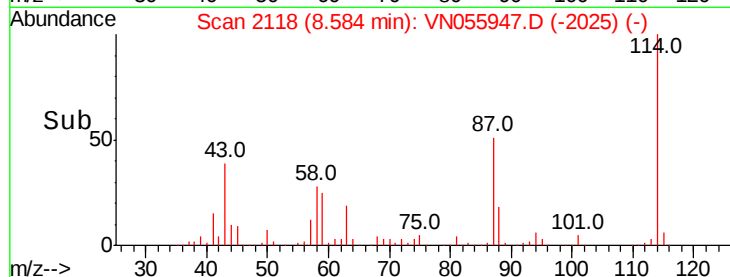
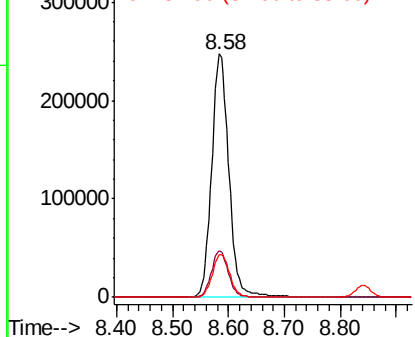
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055947.D
 Acq: 1 Jun 2019 4:31

Instrument :
 MSVOA_N
 ClientSampleId :
 13899

Tot Ion:114 Resp: 531712
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 17.6 0.0 31.0

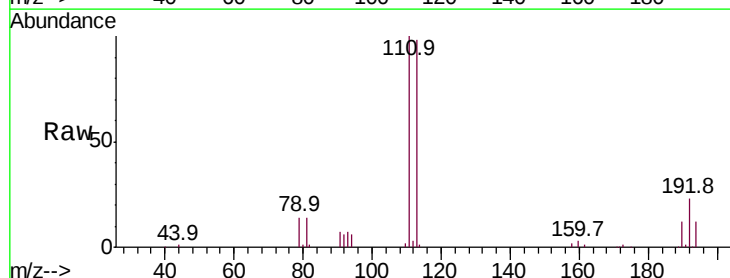


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

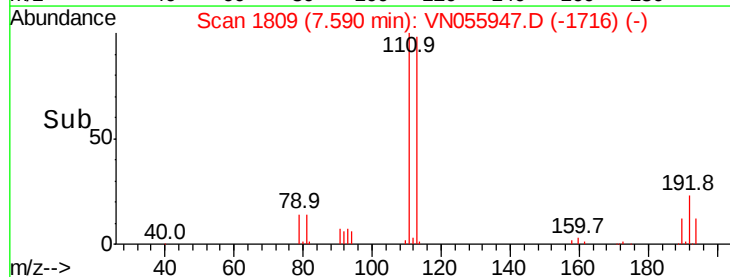
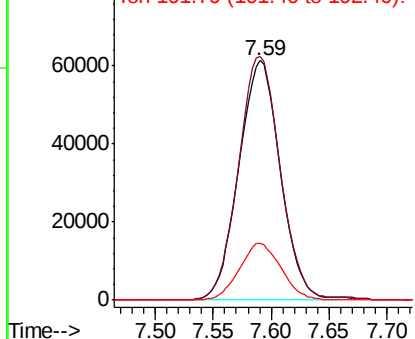


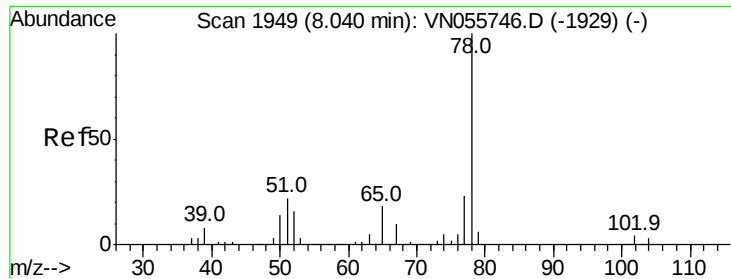
#35
 Dibromofluoromethane
 Concen: 45.487 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055947.D
 Acq: 1 Jun 2019 4:31

Tgt Ion:113 Resp: 152911
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 23.8 19.5 29.3



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





#40

Benzene

Concen: 0.342 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampleId :

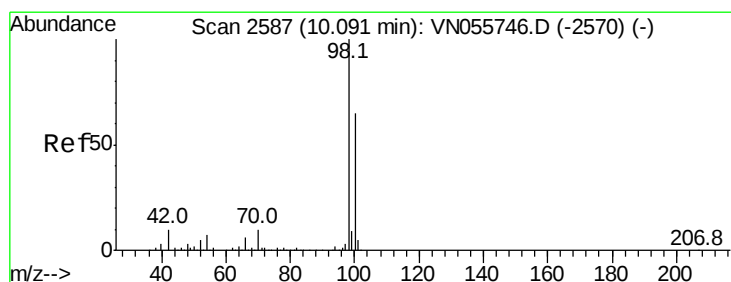
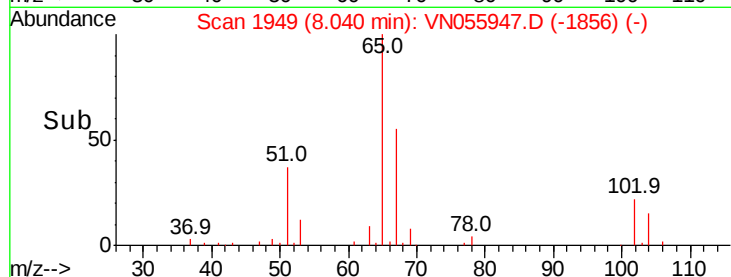
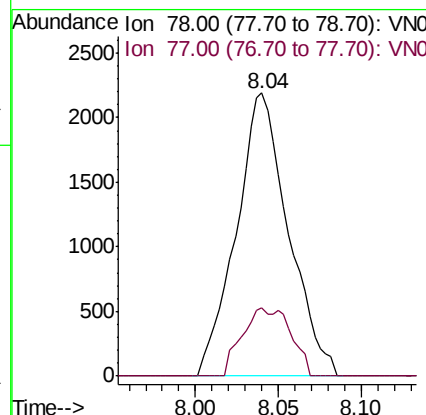
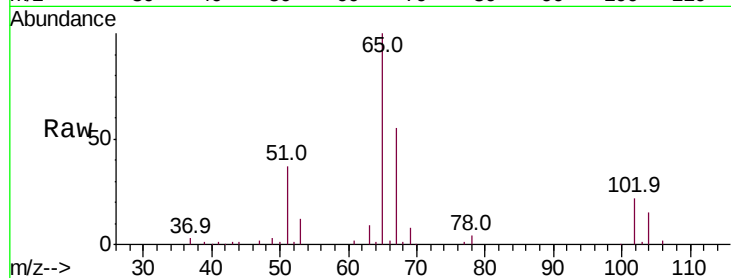
13899

Tot Ion: 78 Resp: 4773

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



#50

Toluene-d8

Concen: 48.712 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055947.D

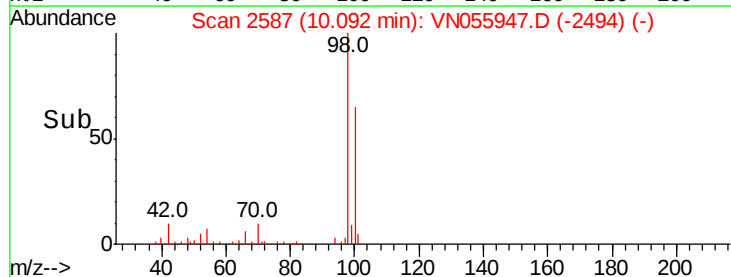
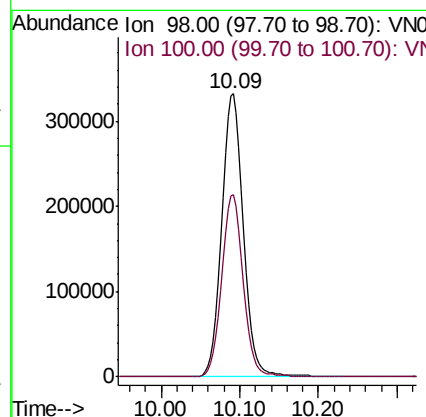
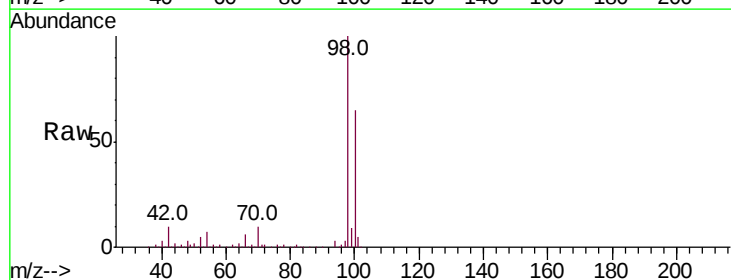
Acq: 1 Jun 2019 4:31

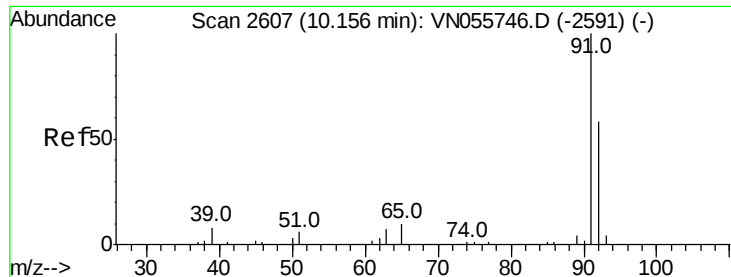
Tgt Ion: 98 Resp: 628145

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9





#52

Toluene

Concen: 2.116 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampleId :

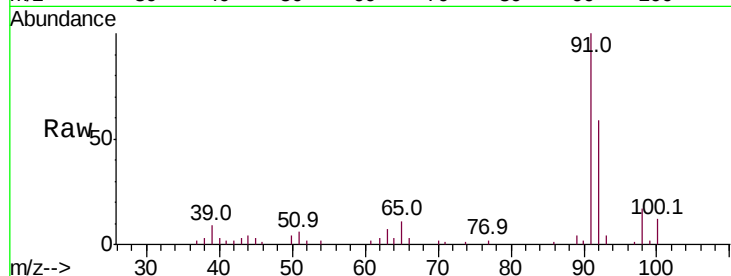
13899

Tot Ion: 92 Resp: 18587

Ion Ratio Lower Upper

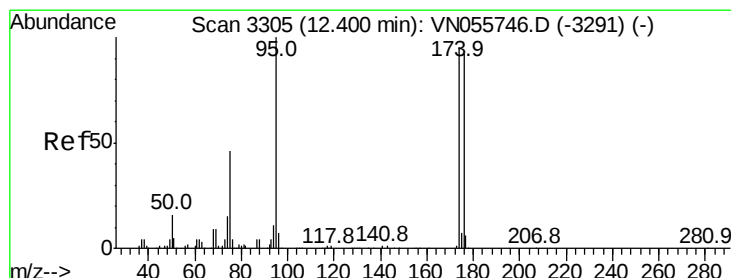
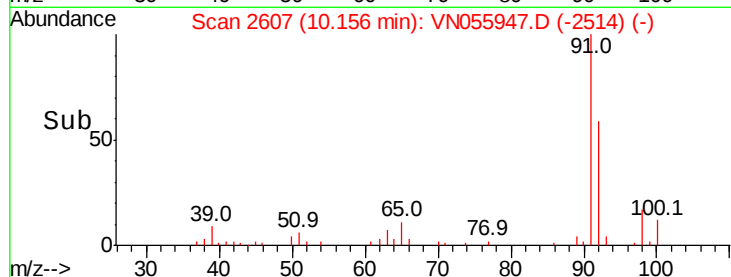
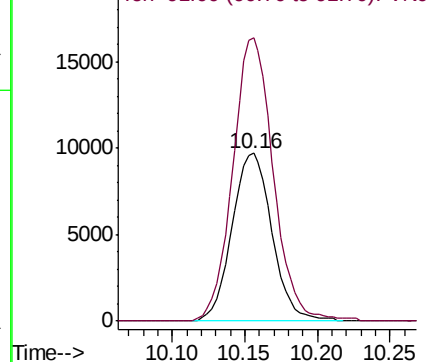
92 100

91 171.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 48.414 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

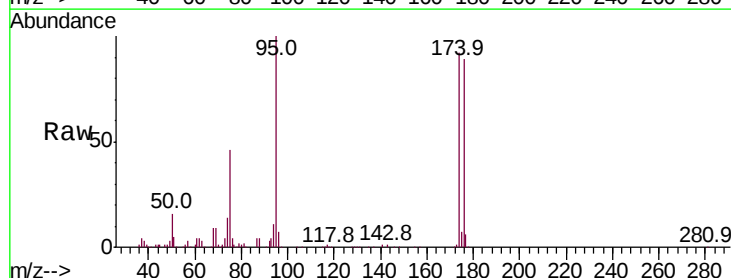
Tgt Ion: 95 Resp: 214067

Ion Ratio Lower Upper

95 100

174 93.0 0.0 191.0

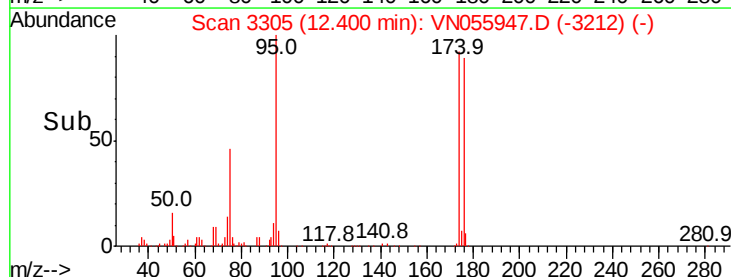
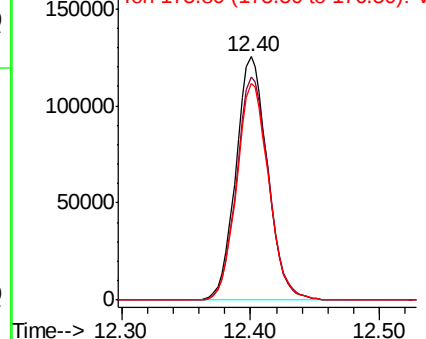
176 90.0 0.0 185.2

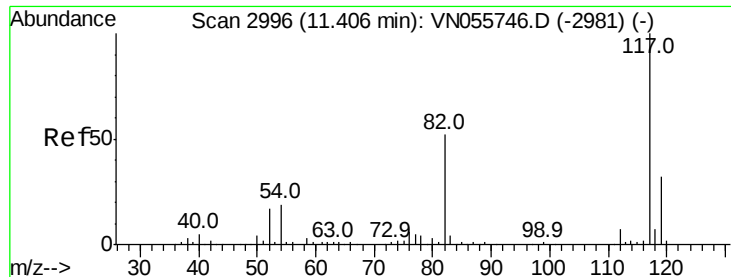


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

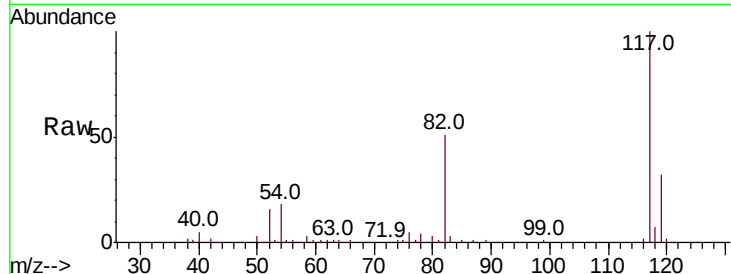




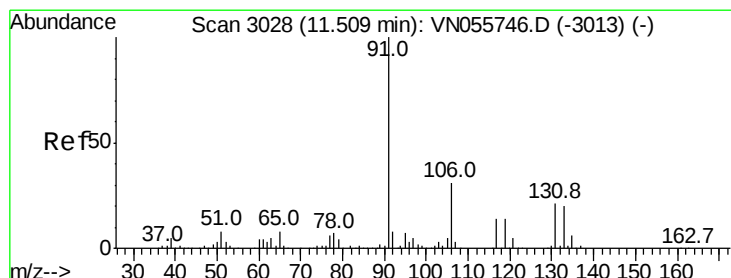
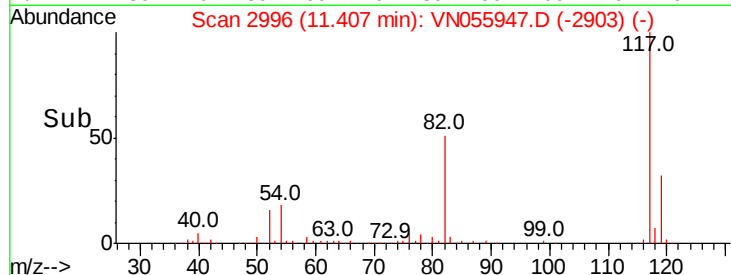
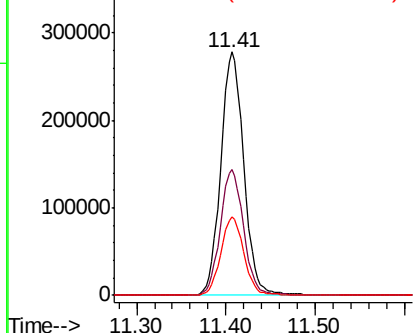
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Instrument :
MSVOA_N
ClientSampled :
13899

Tot Ion:117 Resp: 496131
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.0 25.4 38.0

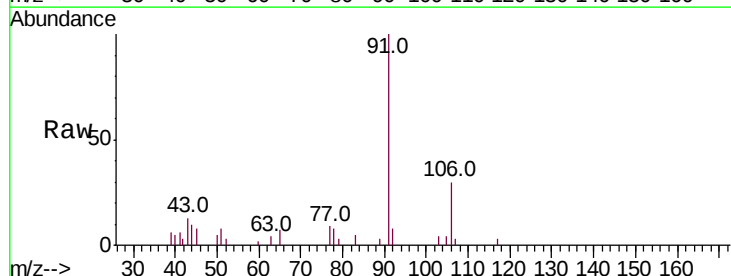


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

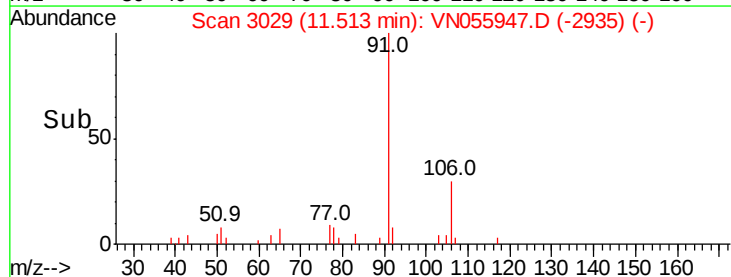
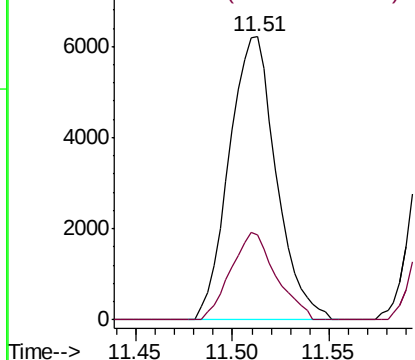


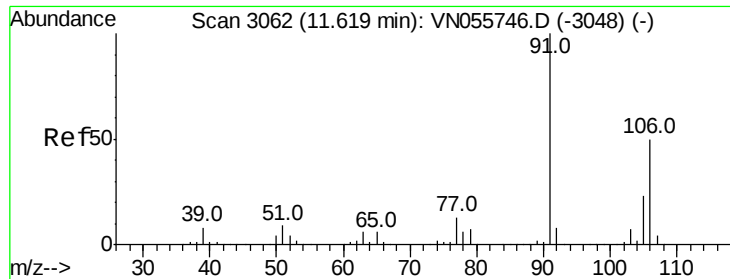
#67
Ethyl Benzene
Concen: 0.591 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Tgt Ion: 91 Resp: 10520
Ion Ratio Lower Upper
91 100
106 30.0 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

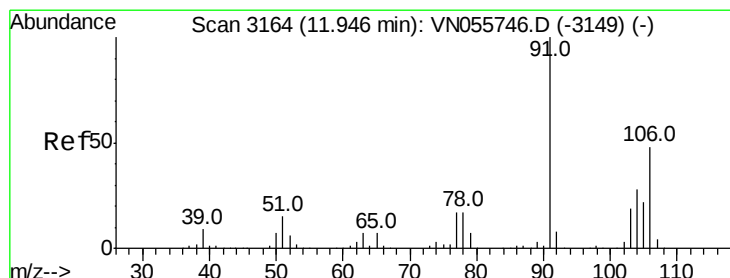
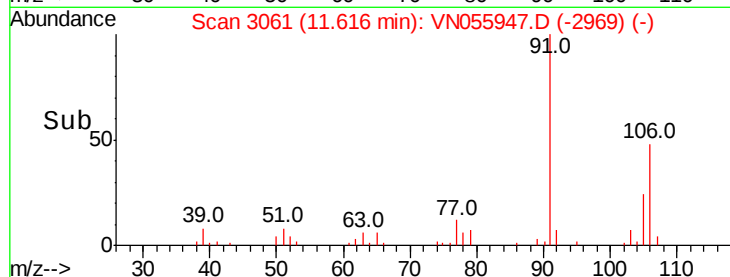
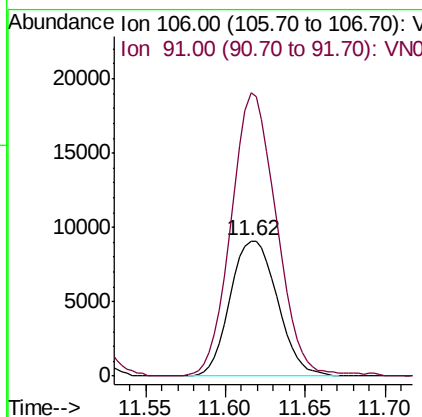
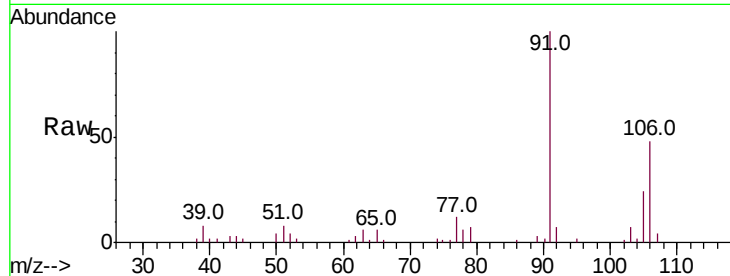




#68
m/p-Xylenes
Concen: 2.731 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

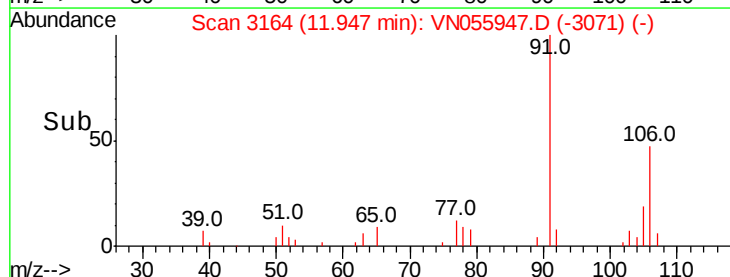
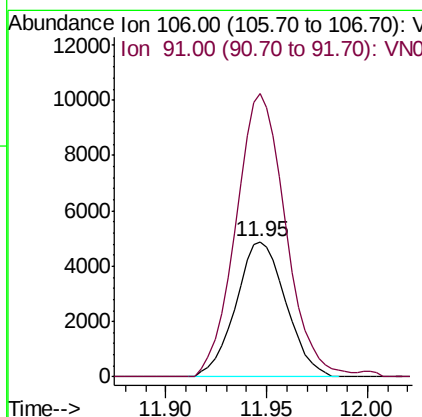
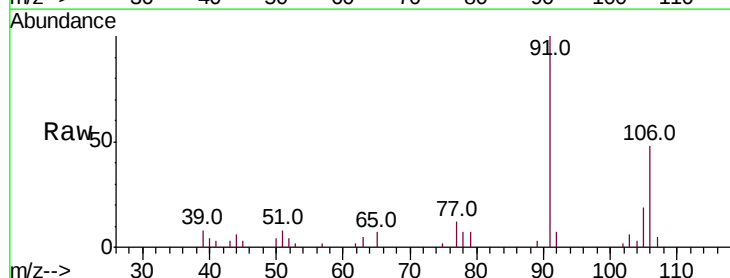
Instrument :
MSVOA_N
ClientSampled :
13899

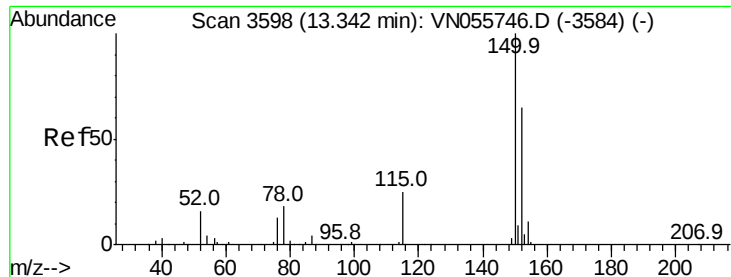
Tot Ion:106 Resp: 18387
Ion Ratio Lower Upper
106 100
91 201.0 159.3 238.9



#69
o-Xylene
Concen: 1.268 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Tgt Ion:106 Resp: 8474
Ion Ratio Lower Upper
106 100
91 208.2 104.7 314.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampleId :

13899

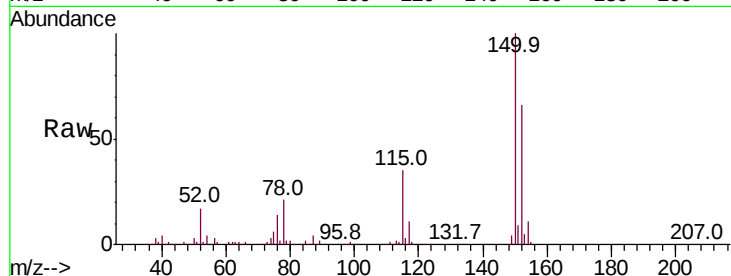
Tot Ion:152 Resp: 190699

Ion Ratio Lower Upper

152 100

115 53.1 27.0 81.0

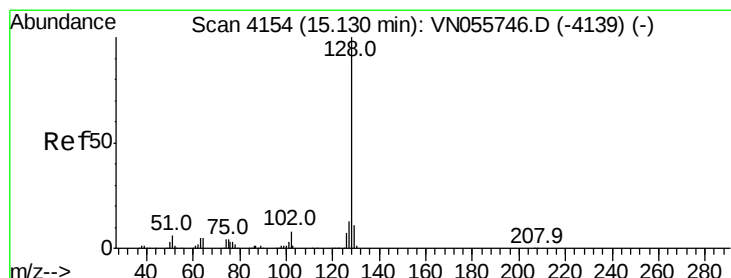
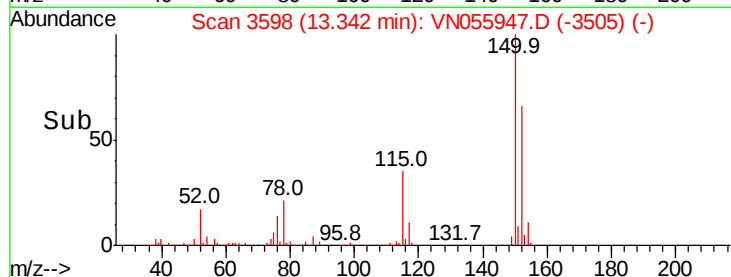
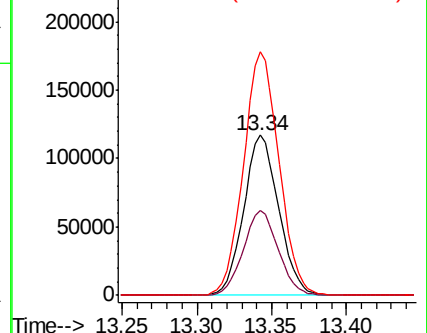
150 154.1 0.0 343.2



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



#95

Naphthalene

Concen: 8.303 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

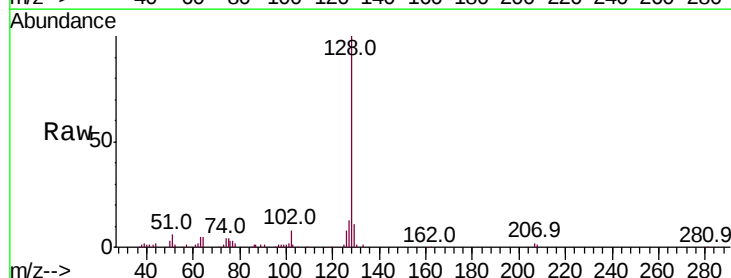
Tgt Ion:128 Resp: 73245

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 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

