

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055990.D
 Acq On : 4 Jun 2019 14:50
 Operator : JC/SP
 Sample : K3165-03ME
 Misc : 1010a/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30268ME

Quant Time: Jun 05 01:37:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

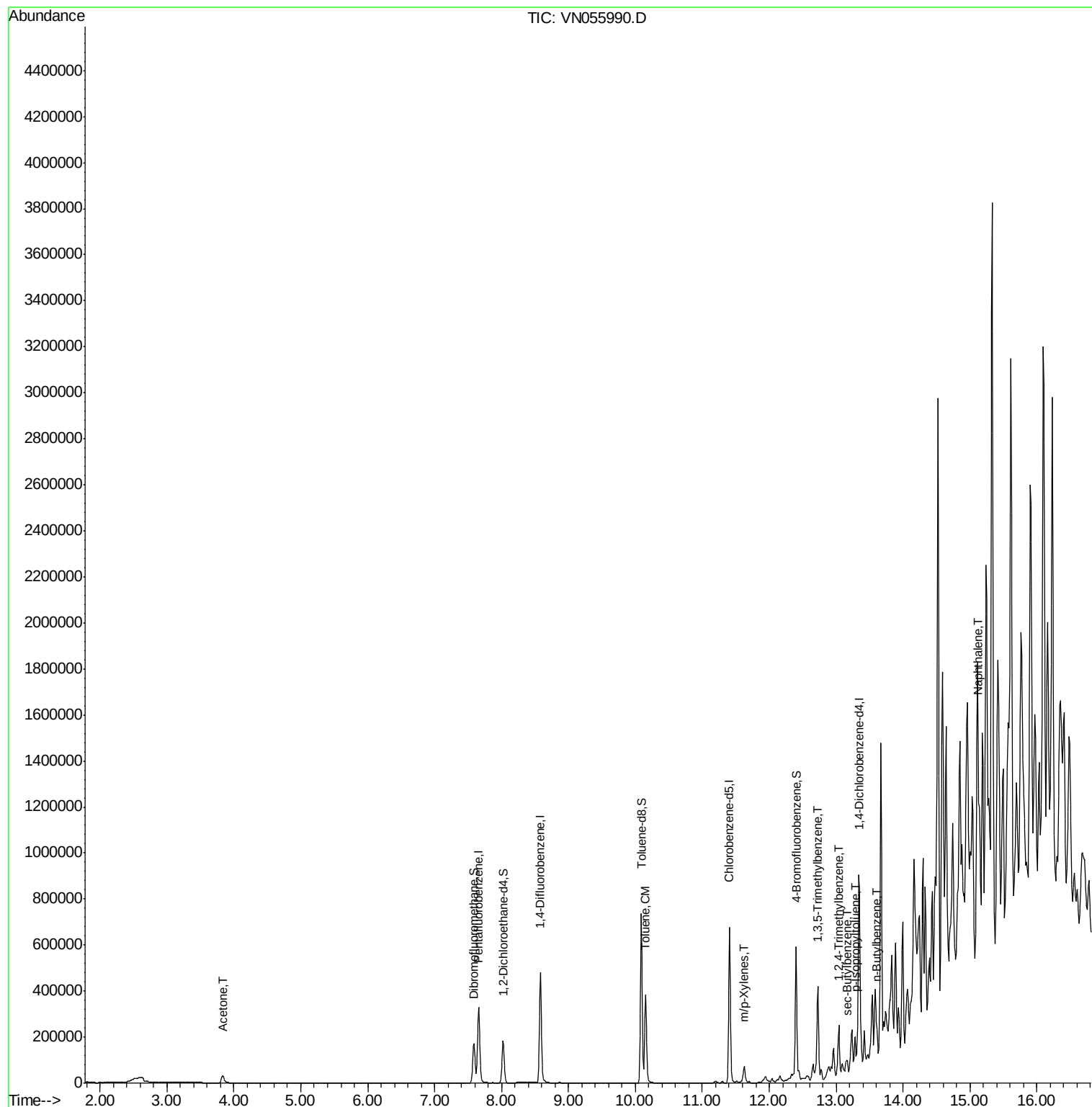
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	312468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	482972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	451795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	153391	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
35) Dibromofluoromethane	7.59	113	131376	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
50) Toluene-d8	10.09	98	568953	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	205076	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
Target Compounds						
16) Acetone	3.83	43	63156	42.562	ug/l	99
52) Toluene	10.15	92	179874	22.918	ug/l	99
68) m/p-Xylenes	11.62	106	12797	2.143	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	27048	1.796	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	122785	8.600	ug/l	100
85) sec-Butylbenzene	13.17	105	20196	1.204	ug/l	89
86) p-Isopropyltoluene	13.29	119	16098	1.072	ug/l	97
89) n-Butylbenzene	13.61	91	54829	4.929	ug/l #	76
95) Naphthalene	15.13	128	117790	14.002	ug/l #	77

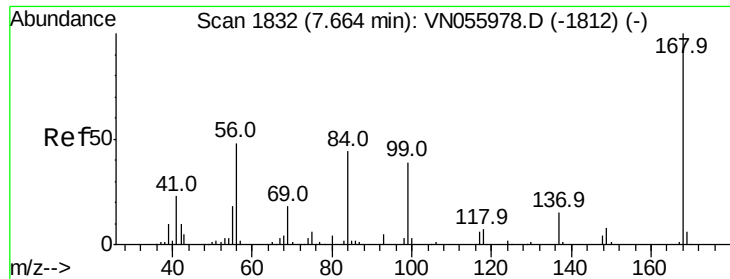
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060419\
Data File : VN055990.D
Acq On : 4 Jun 2019 14:50
Operator : JC/SP
Sample : K3165-03ME
Misc : 1010a/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30268ME

Quant Time: Jun 05 01:37:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055990.D

Acq: 4 Jun 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

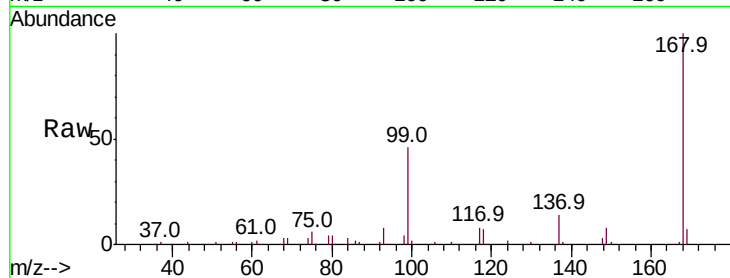
30268ME

Tot Ion:168 Resp: 312468

Ion Ratio Lower Upper

168 100

99 45.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055990.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055990.D (-1739) (-)

7.66

150000

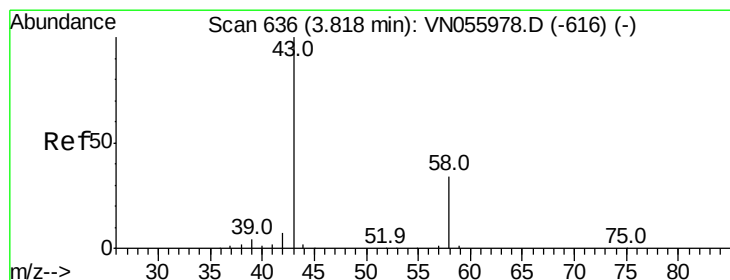
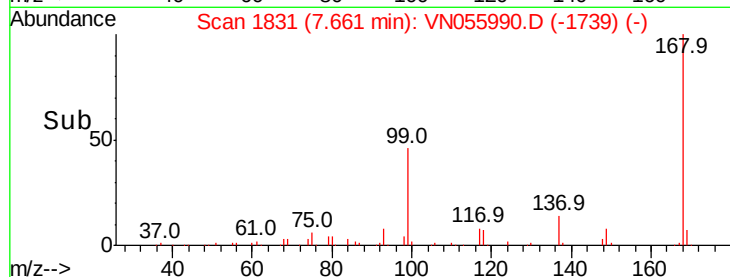
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 42.562 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055990.D

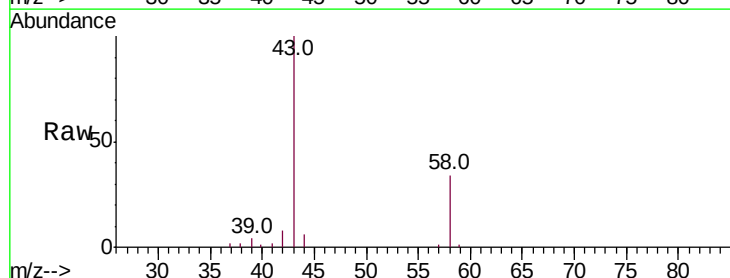
Acq: 4 Jun 2019 14:50

Tgt Ion: 43 Resp: 63156

Ion Ratio Lower Upper

43 100

58 33.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055990.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055990.D (-543) (-)

3.83

20000

15000

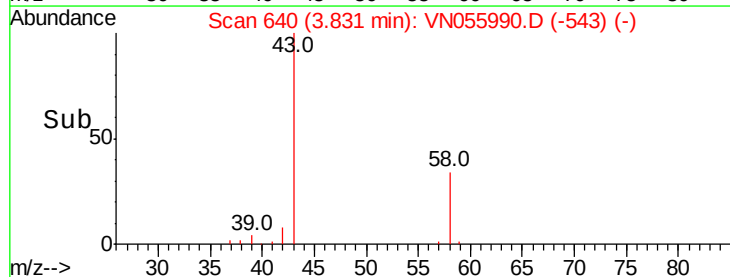
10000

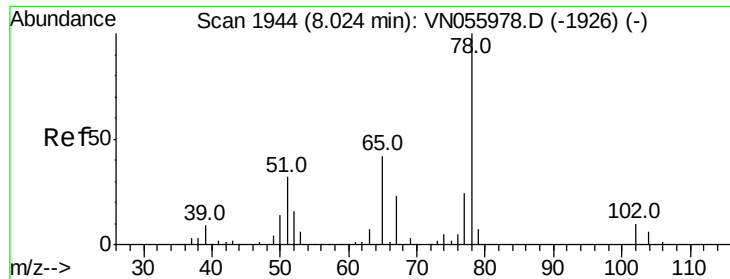
5000

0

3.70 3.80 3.90 4.00

Time-->

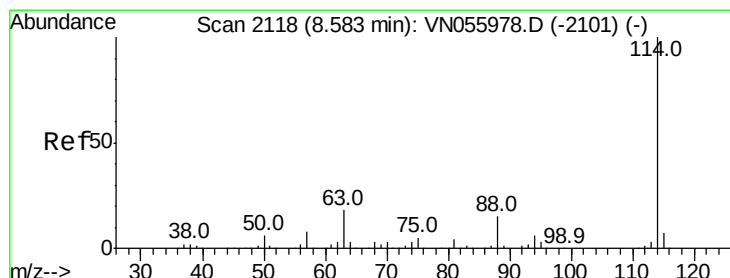
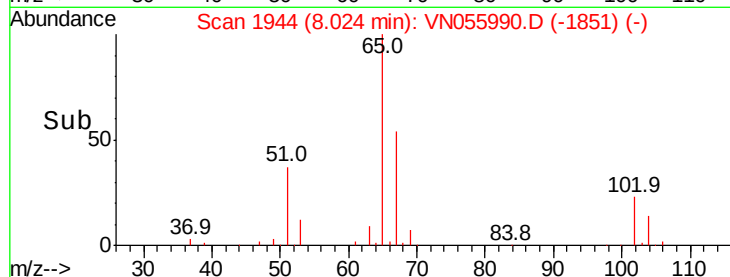
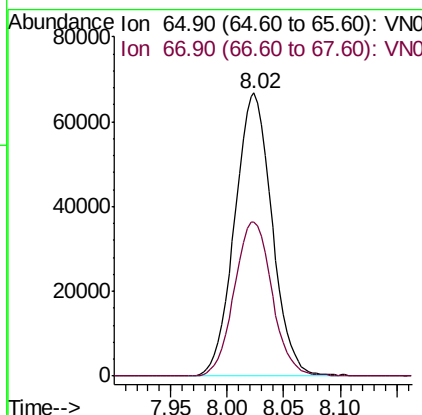
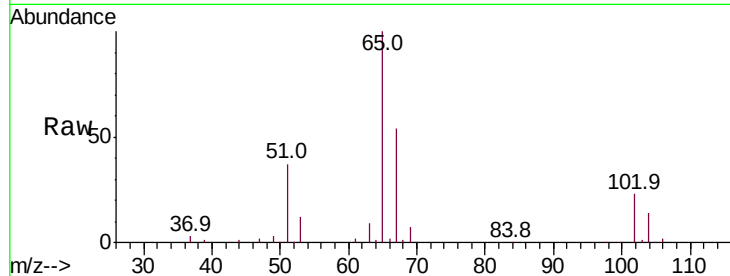




#33
 1,2-Dichloroethane-d4
 Concen: 49.440 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055990.D
 Acq: 4 Jun 2019 14:50

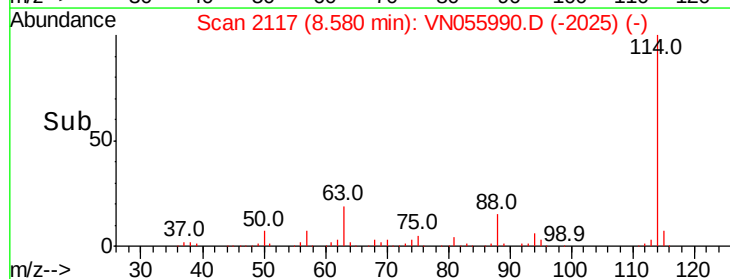
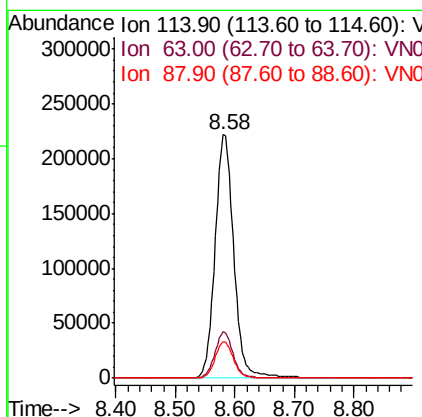
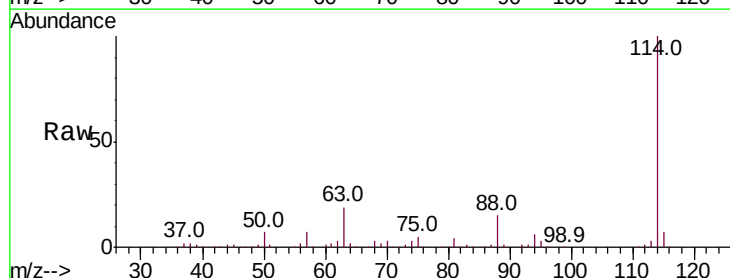
Instrument :
 MSVOA_N
 ClientSampleId :
 30268ME

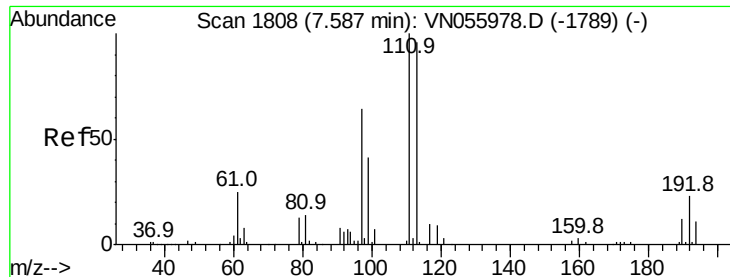
Tot Ion: 65 Resp: 153391
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN055990.D
 Acq: 4 Jun 2019 14:50

Tgt Ion: 114 Resp: 482972
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.0 0.0 31.0

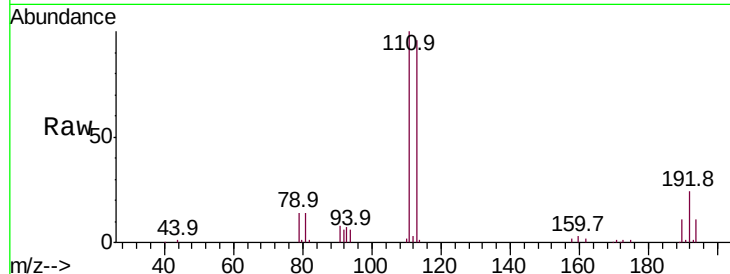




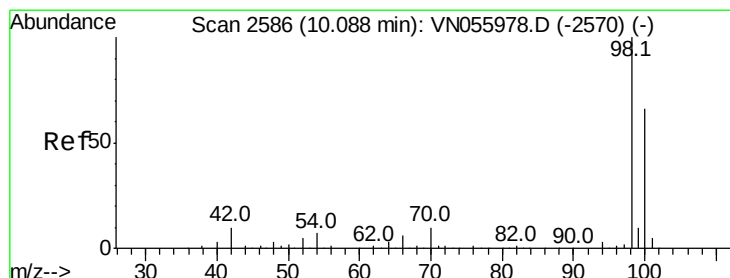
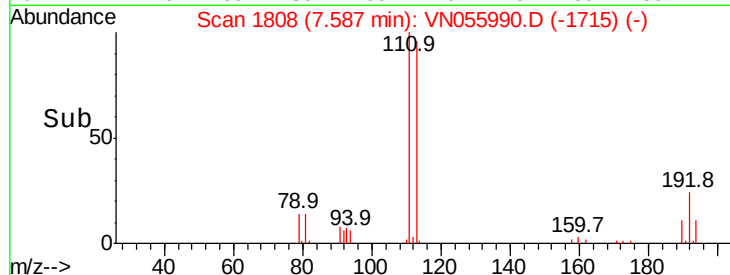
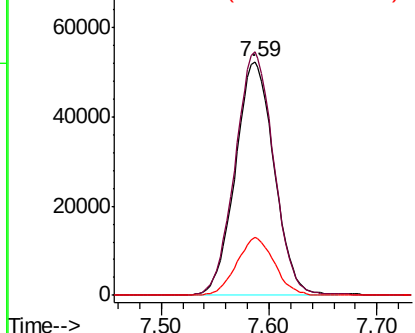
#35
Dibromofluoromethane
Concen: 44.336 ug/l
RT: 7.59 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VN055990.D
Acq: 4 Jun 2019 14:50

Instrument :
MSVOA_N
ClientSampleId :
30268ME

Tot Ion:113 Resp: 131376
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 24.1 19.5 29.3

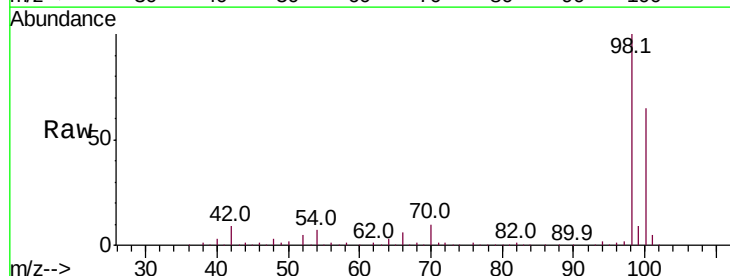


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

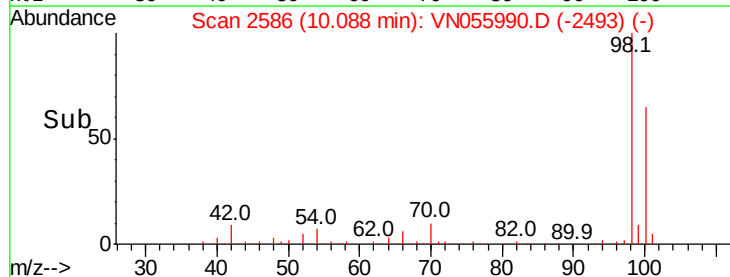
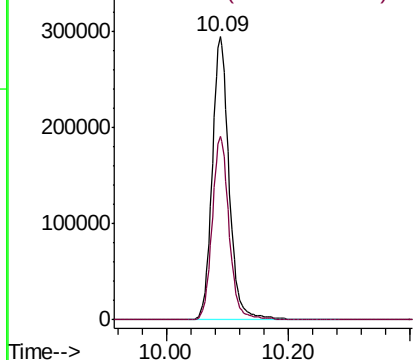


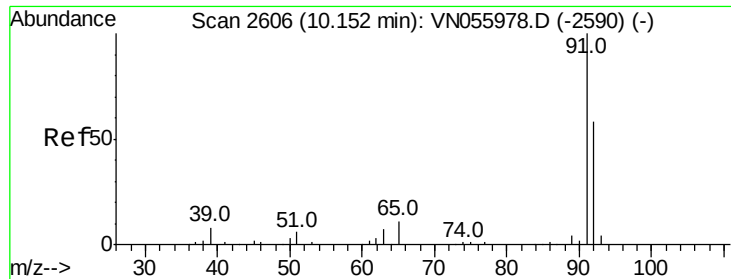
#50
Toluene-d8
Concen: 49.898 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN055990.D
Acq: 4 Jun 2019 14:50

Tgt Ion: 98 Resp: 568953
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 22.918 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN055990.D

Acq: 4 Jun 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

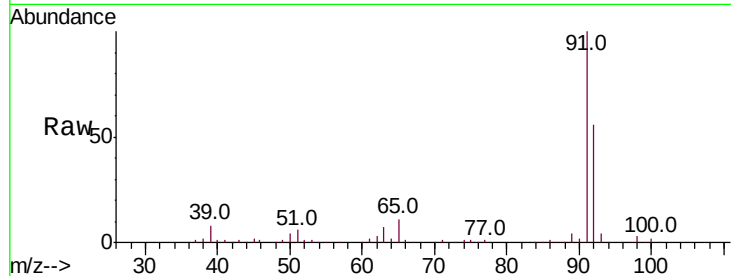
30268ME

Tot Ion: 92 Resp: 179874

Ion Ratio Lower Upper

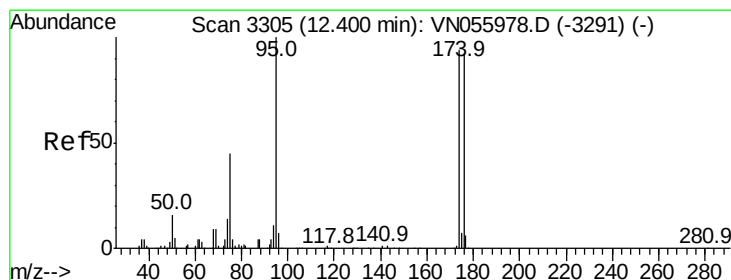
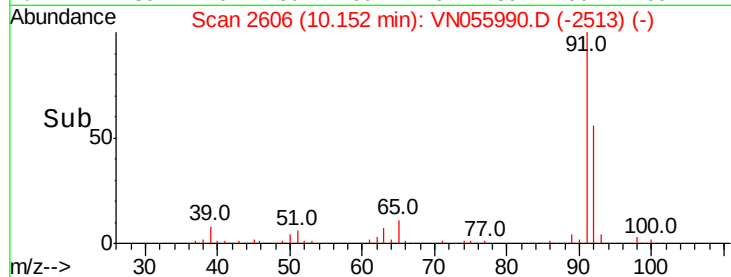
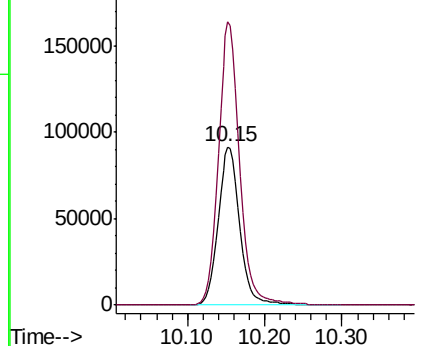
92 100

91 175.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 52.886 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055990.D

Acq: 4 Jun 2019 14:50

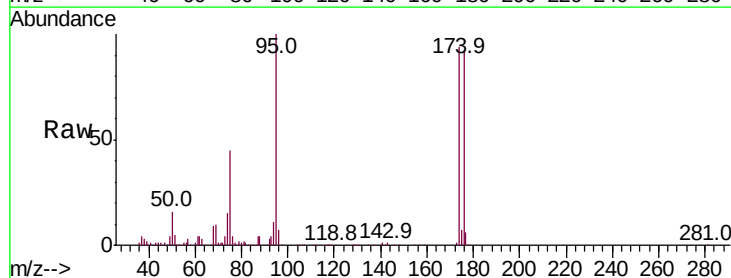
Tgt Ion: 95 Resp: 205076

Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.0

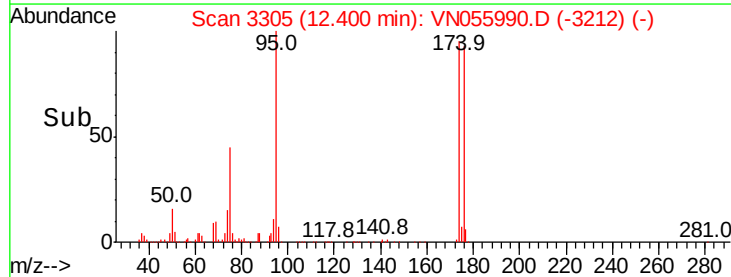
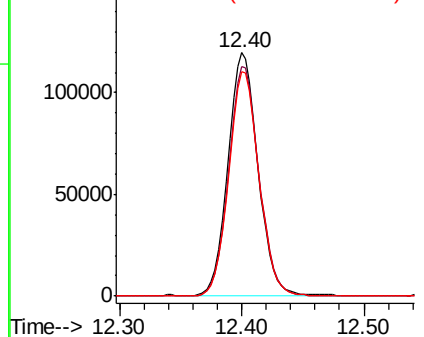
176 93.4 0.0 185.2

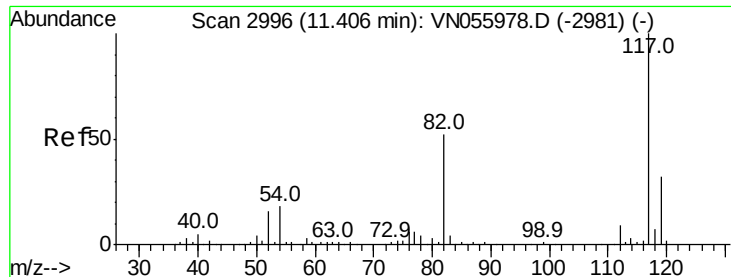


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

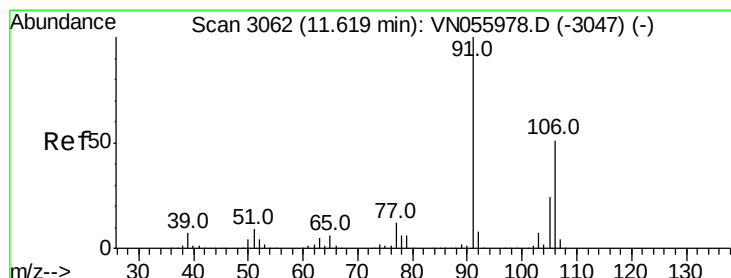
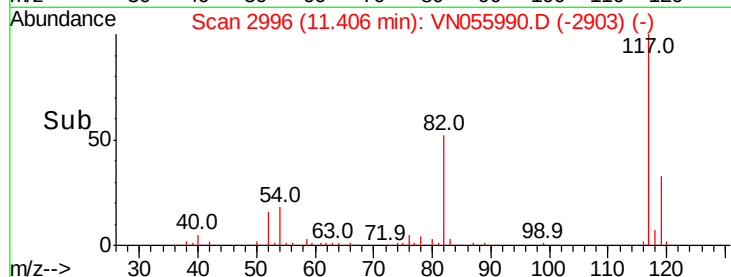
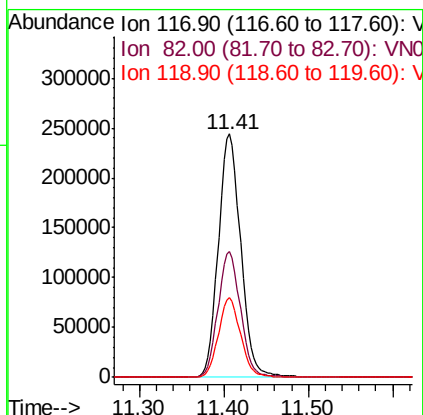
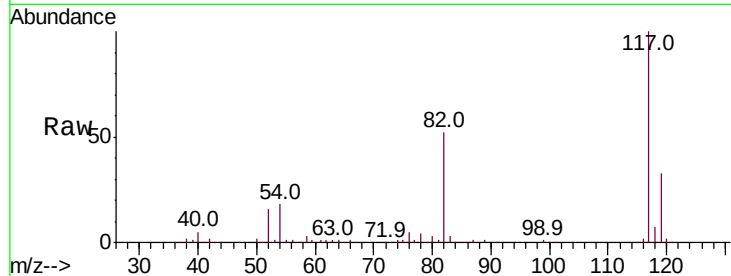




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055990.D
Acq: 4 Jun 2019 14:50

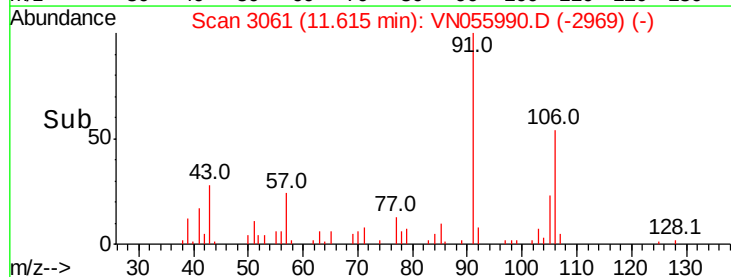
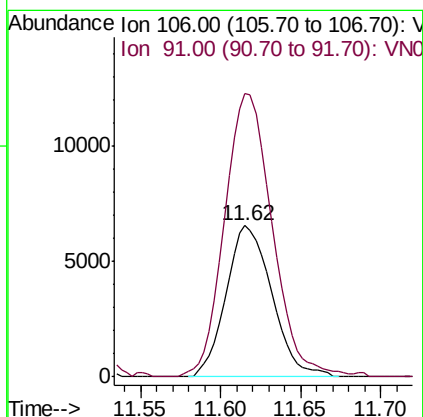
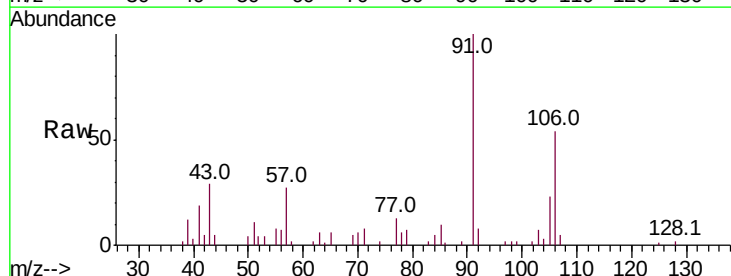
Instrument :
MSVOA_N
ClientSampled :
30268ME

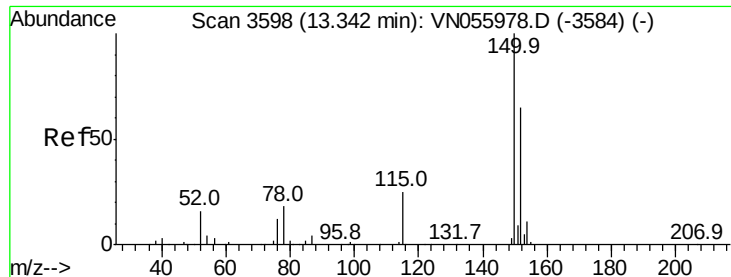
Tot Ion:117 Resp: 451795
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.8
119 32.6 25.4 38.0



#68
m/p-Xylenes
Concen: 2.143 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055990.D
Acq: 4 Jun 2019 14:50

Tgt Ion:106 Resp: 12797
Ion Ratio Lower Upper
106 100
91 195.9 159.3 238.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055990.D

Acq: 4 Jun 2019 14:50

Instrument :

MSVOA_N

ClientSampled :

30268ME

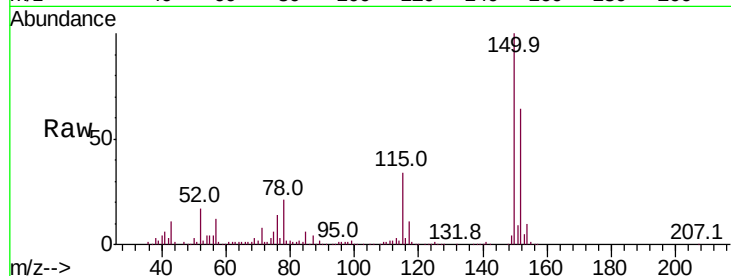
Tot Ion:152 Resp: 223928

Ion Ratio Lower Upper

152 100

115 54.6 27.0 81.0

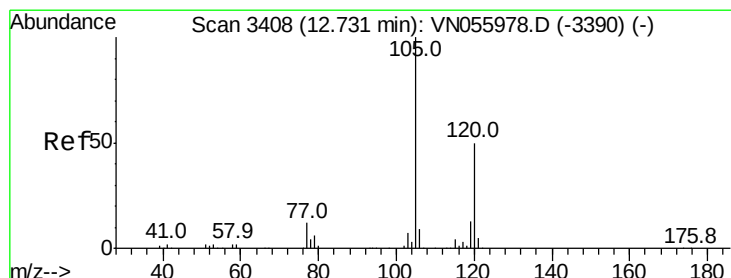
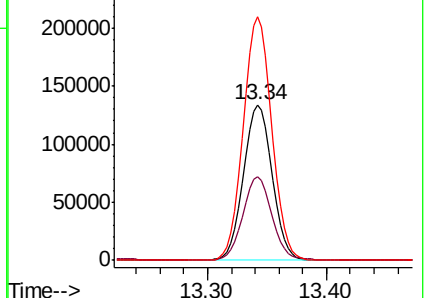
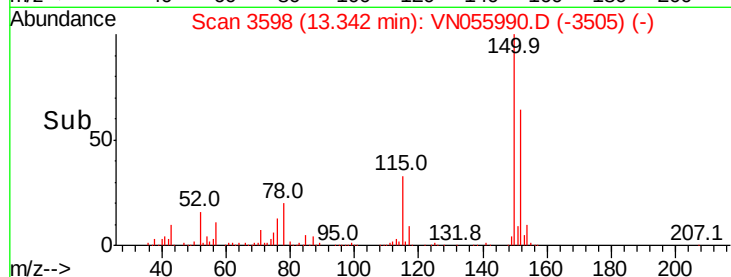
150 154.8 0.0 343.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.796 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055990.D

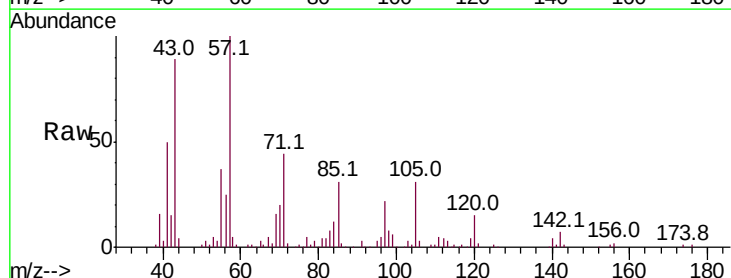
Acq: 4 Jun 2019 14:50

Tgt Ion:105 Resp: 27048

Ion Ratio Lower Upper

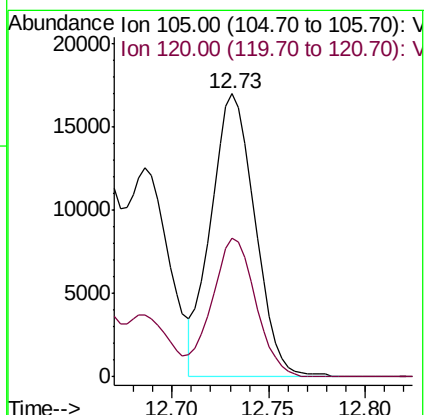
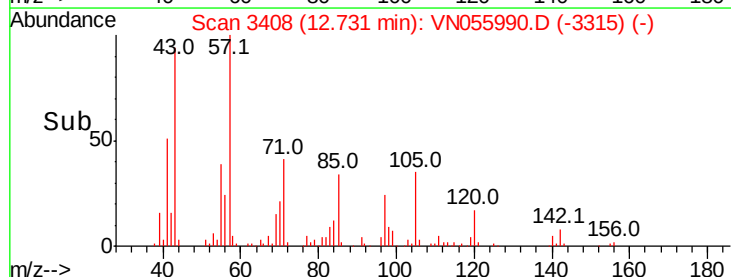
105 100

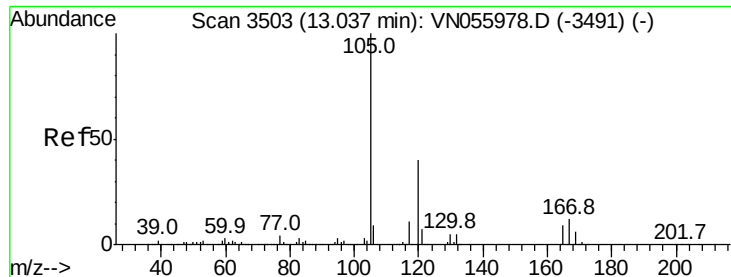
120 49.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

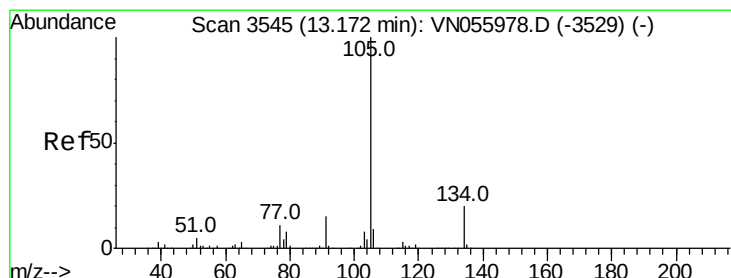
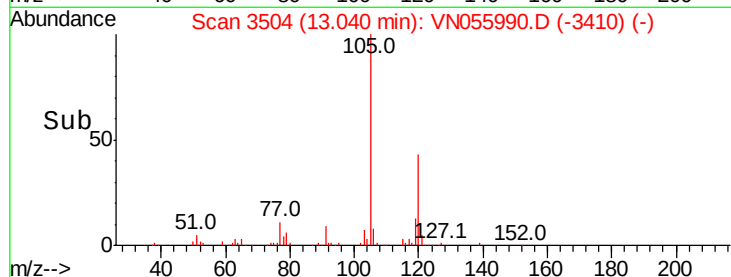
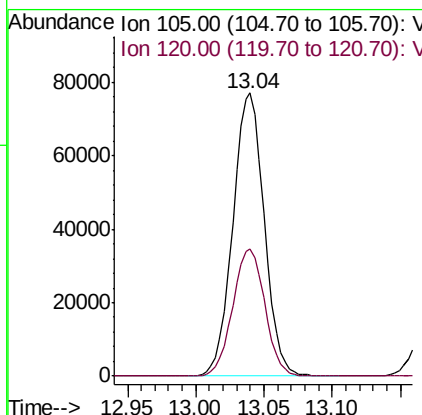
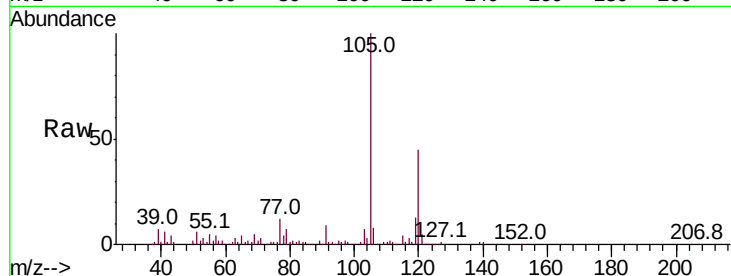




#84
 1,2,4-Trimethylbenzene
 Concen: 8.600 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055990.D
 Acq: 4 Jun 2019 14:50

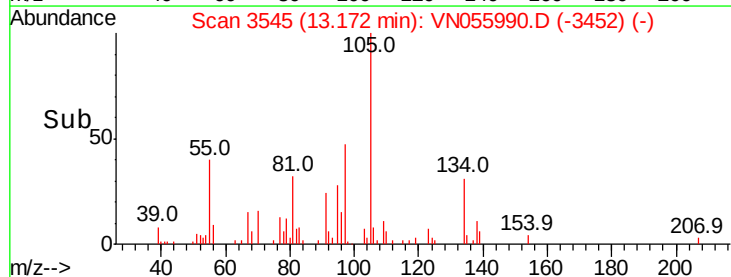
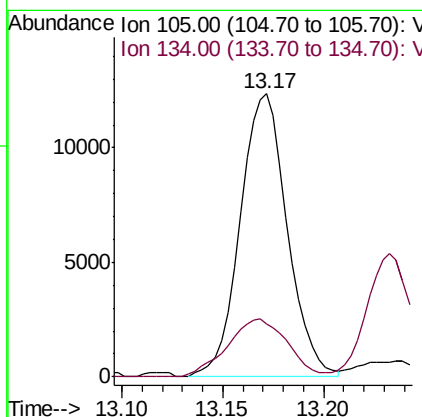
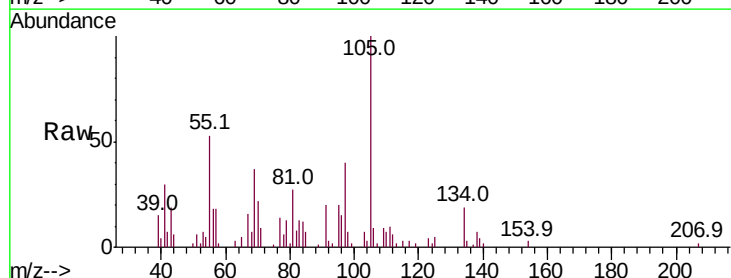
Instrument :
 MSVOA_N
 ClientSampleId :
 30268ME

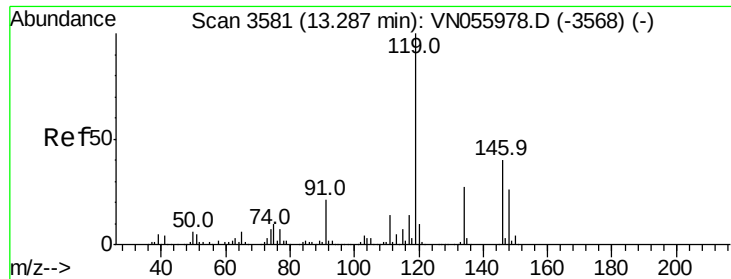
Tot Ion:105 Resp: 122785
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 1.204 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055990.D
 Acq: 4 Jun 2019 14:50

Tgt Ion:105 Resp: 20196
 Ion Ratio Lower Upper
 105 100
 134 26.0 10.4 31.2

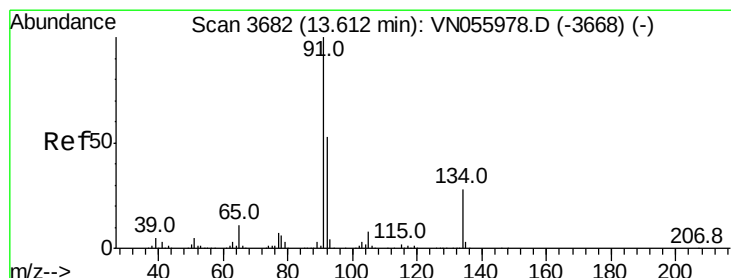
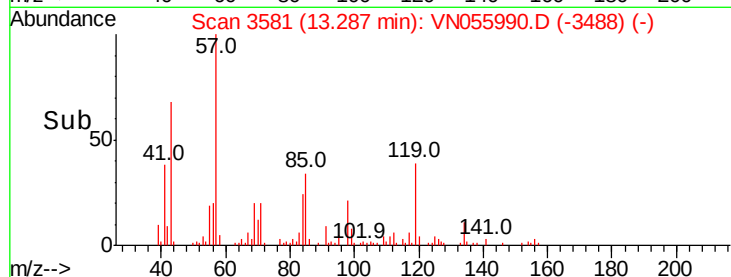
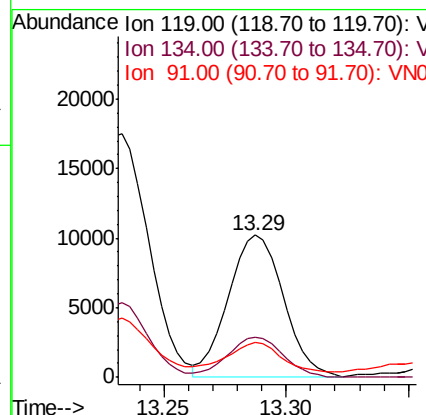
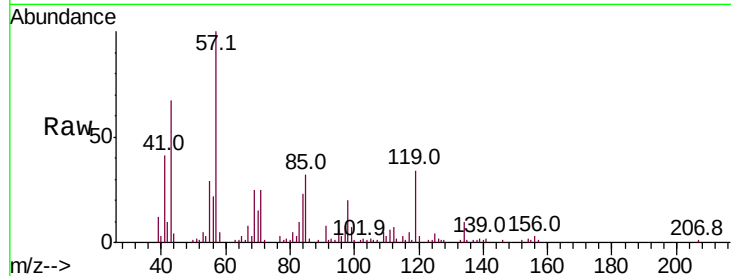




#86
p-Isopropyltoluene
Concen: 1.072 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055990.D
Acq: 4 Jun 2019 14:50

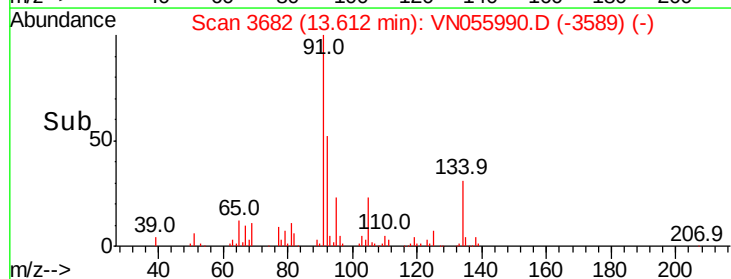
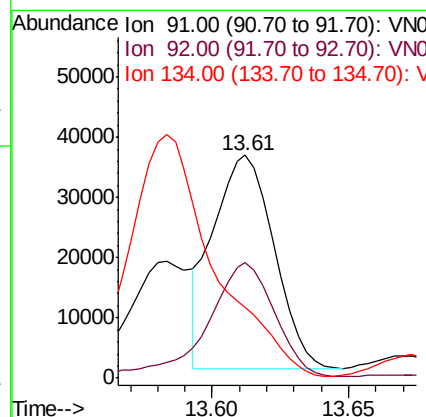
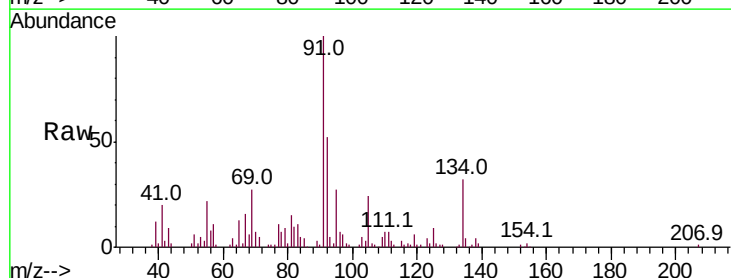
Instrument :
MSVOA_N
ClientSampled :
30268ME

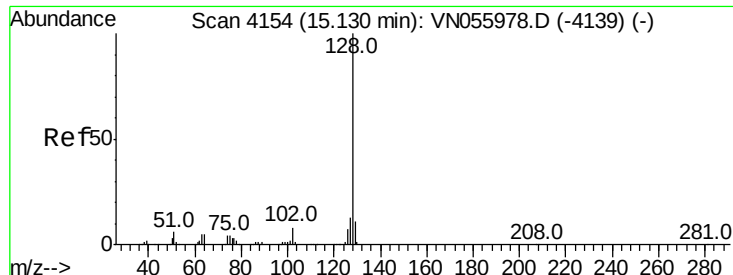
Tot Ion:119 Resp: 16098
Ion Ratio Lower Upper
119 100
134 28.5 13.4 40.1
91 20.2 10.9 32.9



#89
n-Butylbenzene
Concen: 4.929 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055990.D
Acq: 4 Jun 2019 14:50

Tgt Ion: 91 Resp: 54829
Ion Ratio Lower Upper
91 100
92 58.5 26.4 79.0
134 0.0 13.9 41.7#





#95

Naphthalene

Concen: 14.002 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055990.D

Acq: 4 Jun 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

30268ME

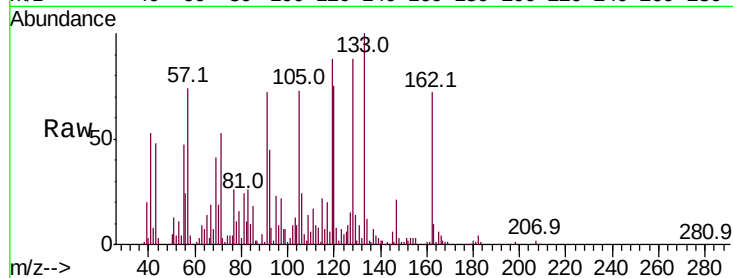
Tot Ion:128 Resp: 117790

Ion Ratio Lower Upper

128 100

127 21.3 10.3 15.5#

129 20.8 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

