

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055962.D
 Acq On : 3 Jun 2019 15:30
 Operator : JC/SP
 Sample : K3125-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13892

Quant Time: Jun 03 19:36:59 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	391478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	588921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	581519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225594	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	194204	48.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.08%	
35) Dibromofluoromethane	7.59	113	169056	45.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.80%	
50) Toluene-d8	10.09	98	716849	50.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	253874	51.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.68%	

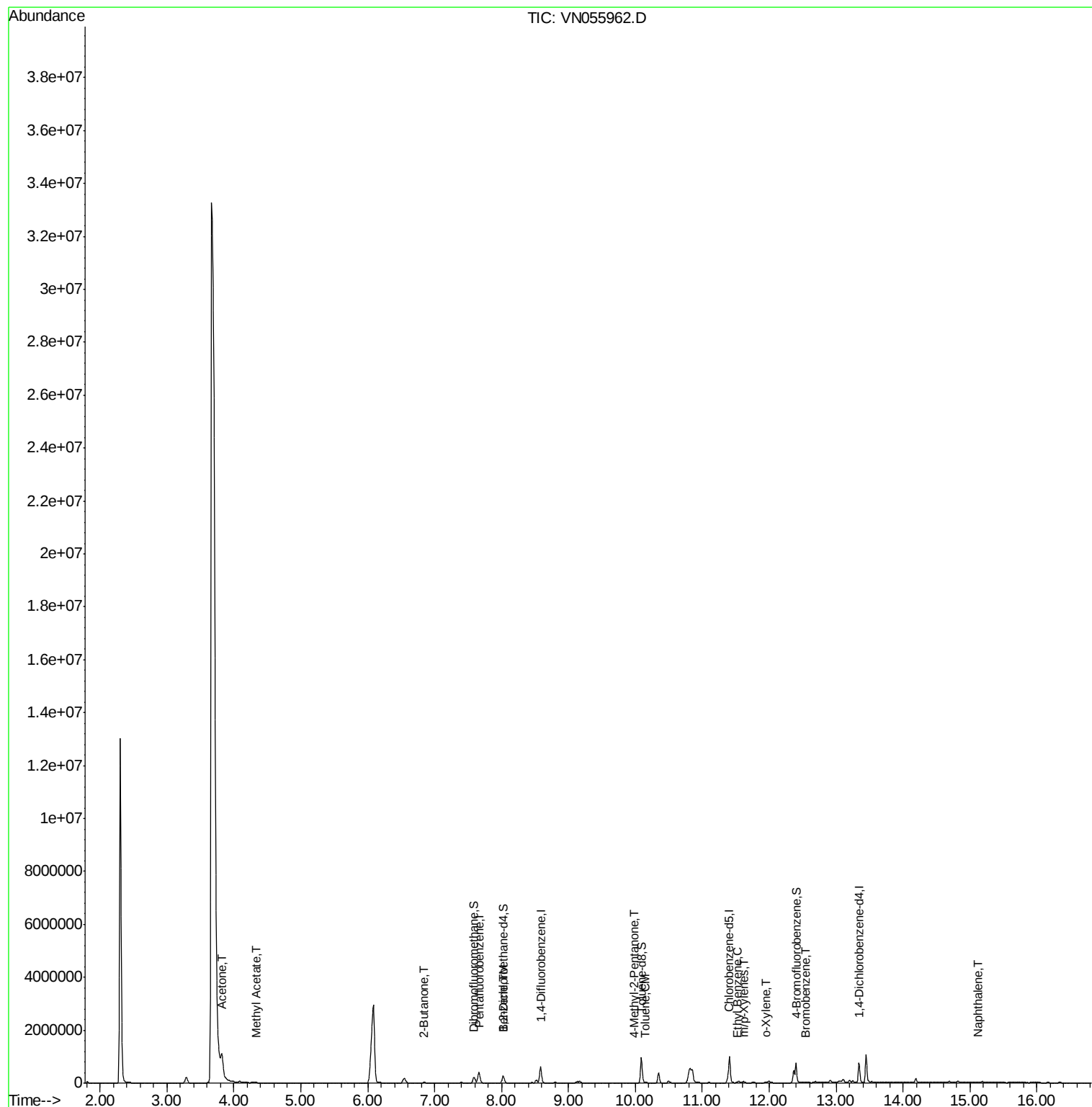
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	1166778	656.541	ug/l #	13
18) Methyl Acetate	4.33	43	23082	5.258	ug/l	100
25) 2-Butanone	6.84	43	48086	19.374	ug/l	98
40) Benzene	8.04	78	4072	0.263	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	10500	2.133	ug/l	88
52) Toluene	10.15	92	11388	1.171	ug/l	99
67) Ethyl Benzene	11.51	91	7578	0.363	ug/l	91
68) m/p-Xylenes	11.62	106	15826	2.005	ug/l	94
69) o-Xylene	11.95	106	7285	0.930	ug/l	97
77) Bromobenzene	12.53	156	11687	2.428	ug/l #	1
95) Naphthalene	15.13	128	18387	1.762	ug/l	95

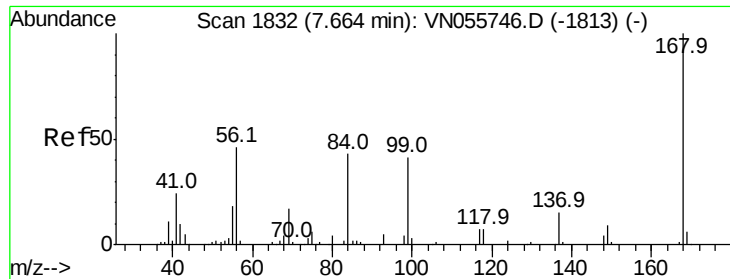
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060319\
Data File : VN055962.D
Acq On : 3 Jun 2019 15:30
Operator : JC/SP
Sample : K3125-26
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
13892

Quant Time: Jun 03 19:36:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
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: VN055962.D

Acq: 3 Jun 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

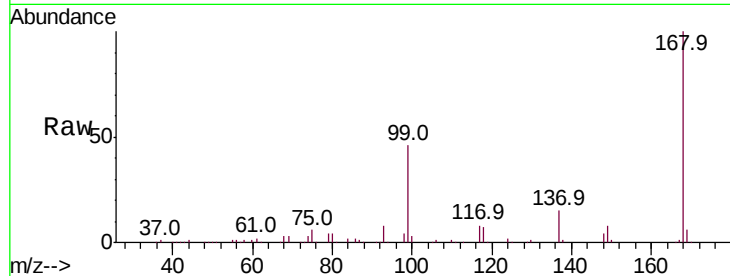
13892

Tot Ion:168 Resp: 391478

Ion Ratio Lower Upper

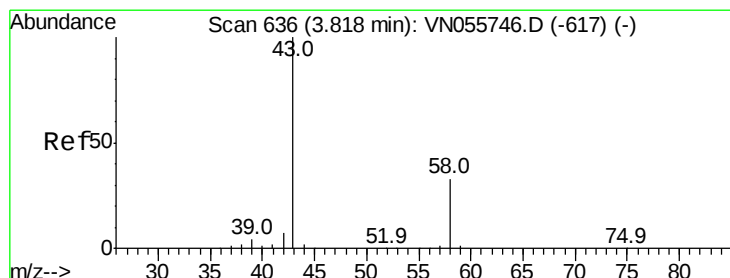
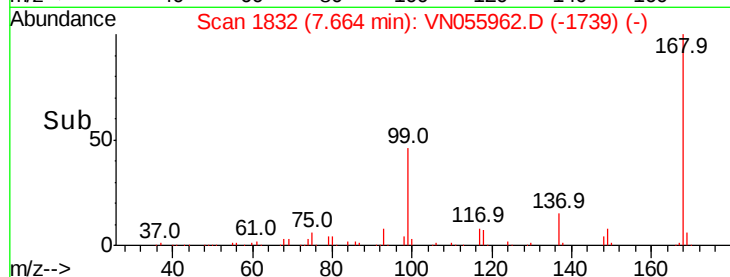
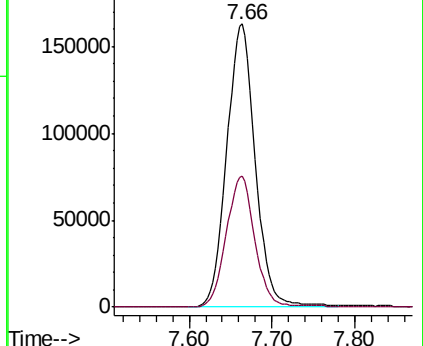
168 100

99 46.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 656.541 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055962.D

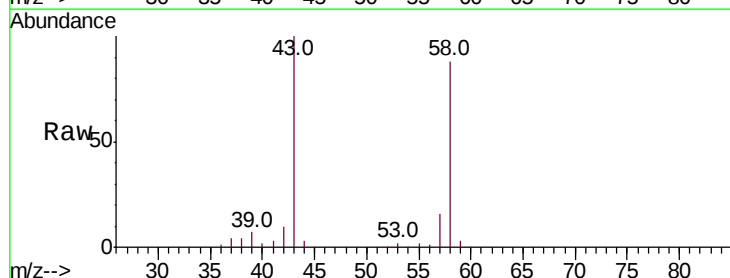
Acq: 3 Jun 2019 15:30

Tgt Ion: 43 Resp: 1166778

Ion Ratio Lower Upper

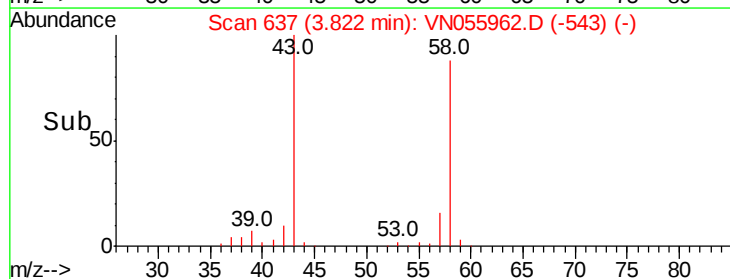
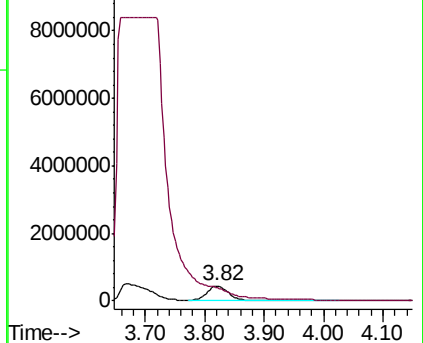
43 100

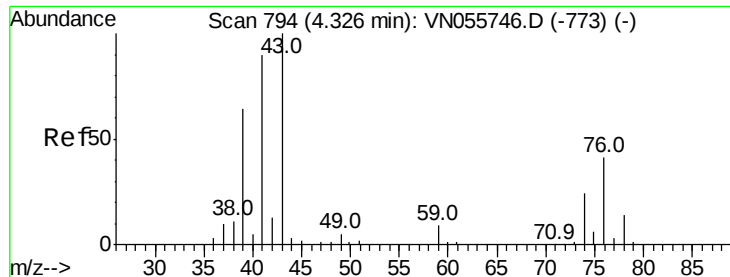
58 82.3 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

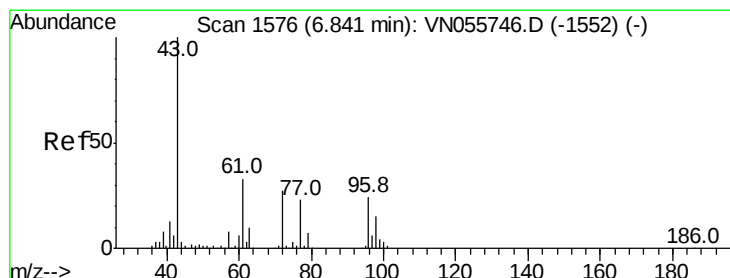
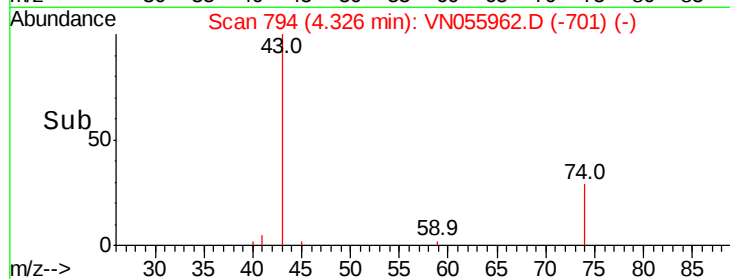
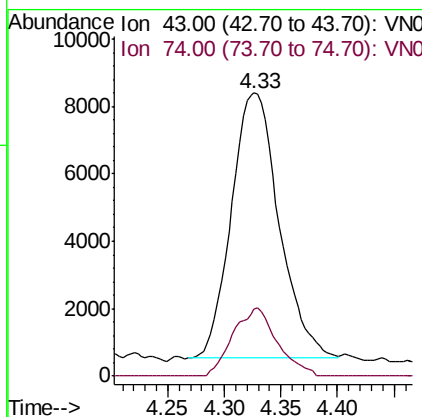
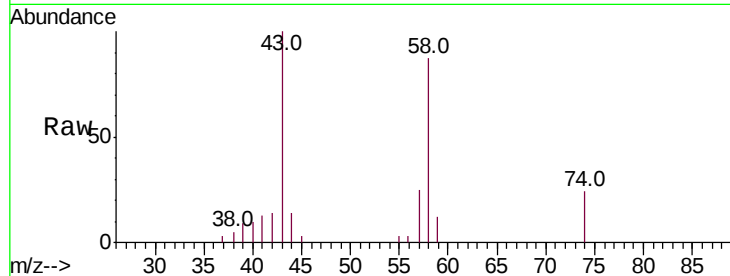




#18
Methvl Acetate
Concen: 5.258 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

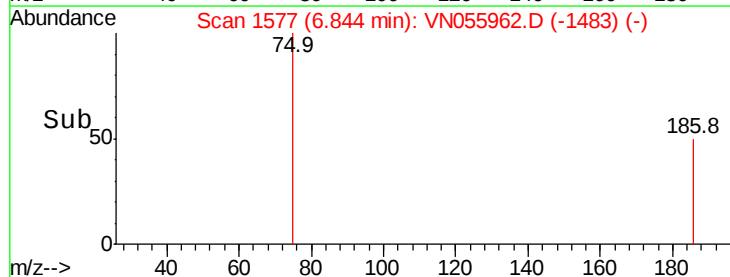
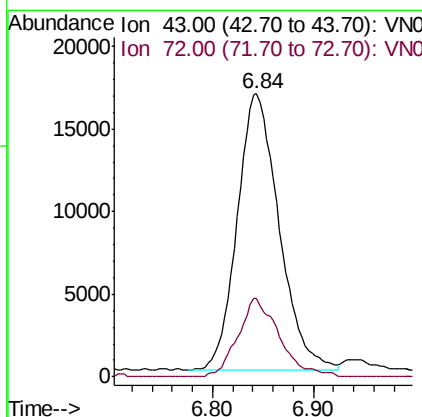
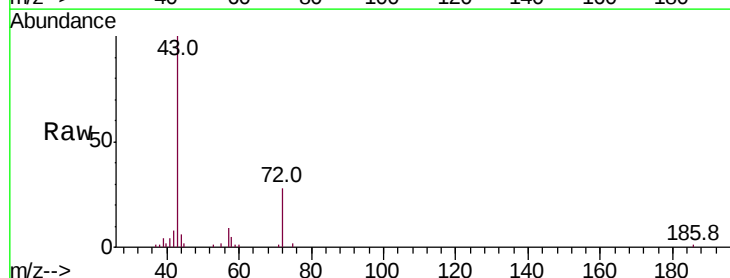
Instrument :
MSVOA_N
ClientSampled :
13892

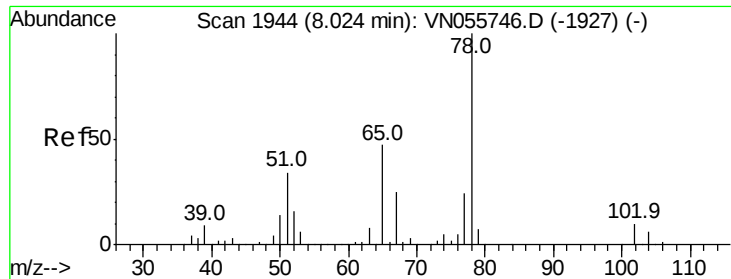
Tot Ion: 43 Resp: 23082
Ion Ratio Lower Upper
43 100
74 23.9 19.3 28.9



#25
2-Butanone
Concen: 19.374 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 43 Resp: 48086
Ion Ratio Lower Upper
43 100
72 28.3 21.9 32.9

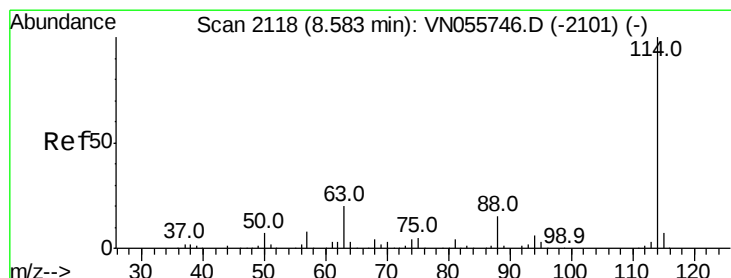
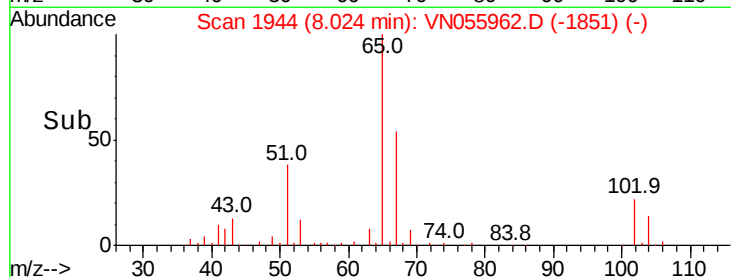
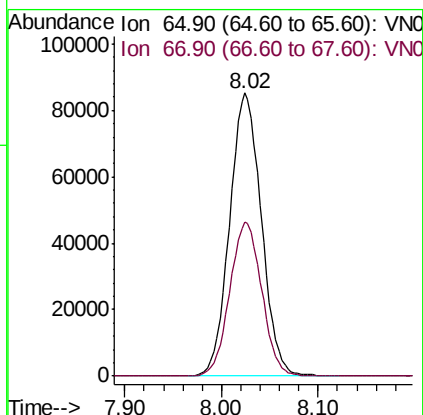
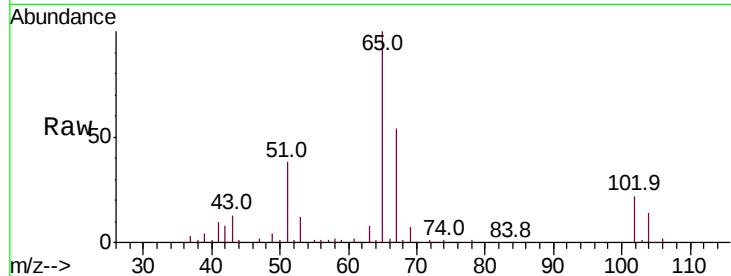




#33
 1,2-Dichloroethane-d4
 Concen: 48.036 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055962.D
 Acq: 3 Jun 2019 15:30

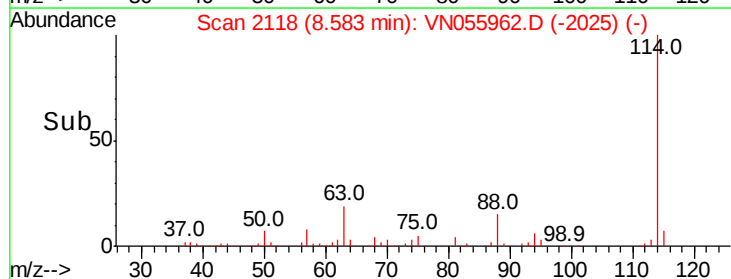
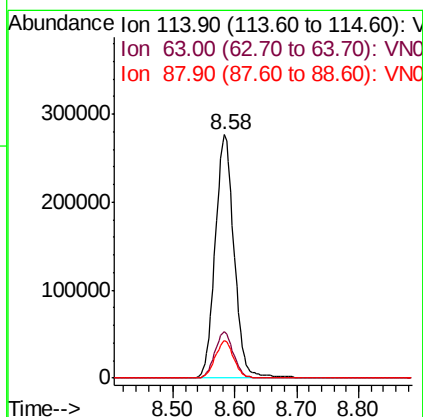
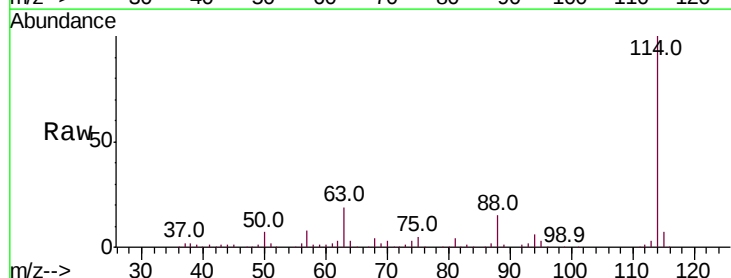
Instrument :
 MSVOA_N
 ClientSampleId :
 13892

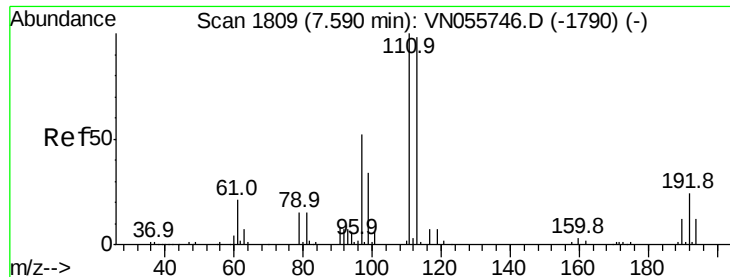
Tot Ion: 65 Resp: 194204
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055962.D
 Acq: 3 Jun 2019 15:30

Tgt Ion: 114 Resp: 588921
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 45.404 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

13892

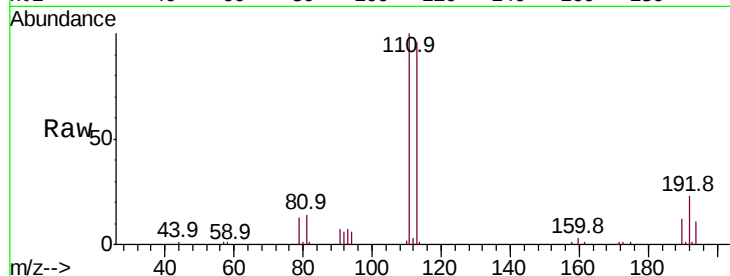
Tot Ion:113 Resp: 169056

Ion Ratio Lower Upper

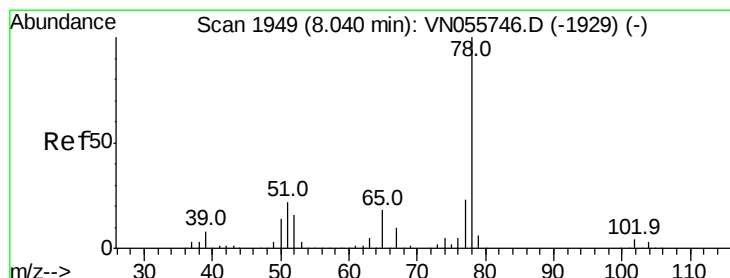
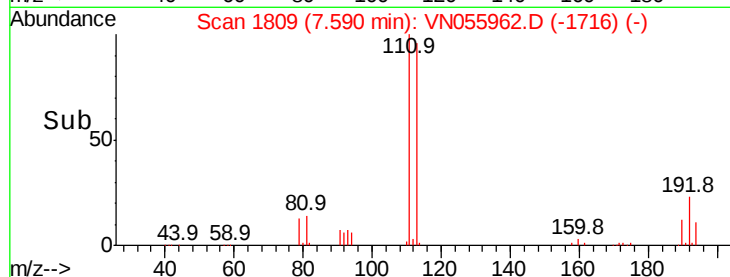
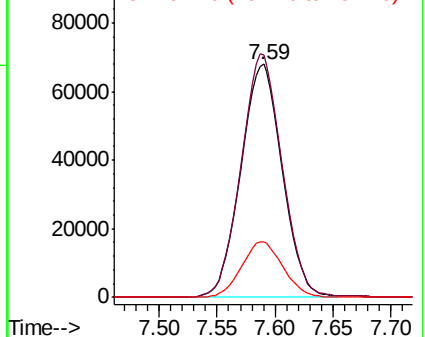
113 100

111 103.4 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: 0.263 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN055962.D

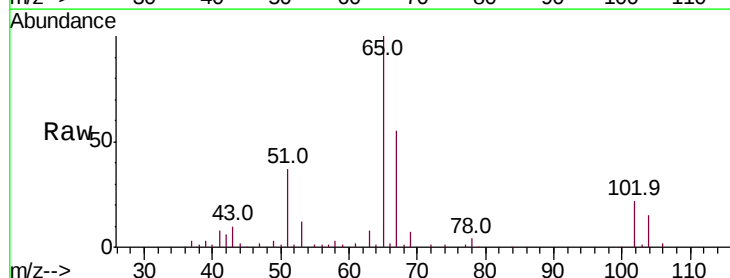
Acq: 3 Jun 2019 15:30

Tgt Ion: 78 Resp: 4072

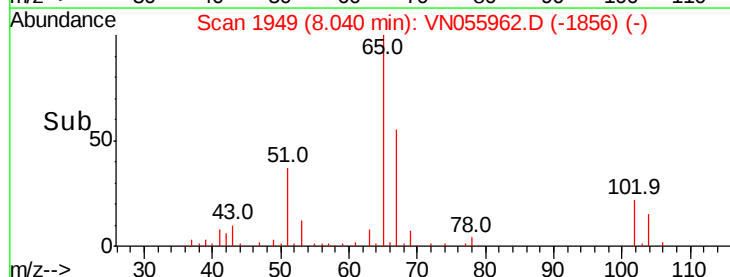
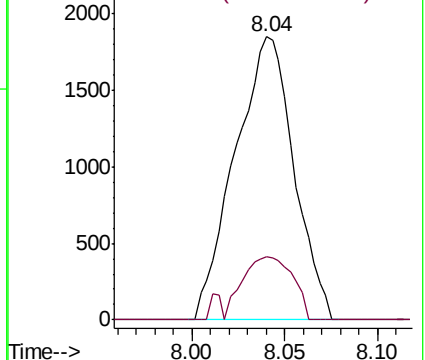
Ion Ratio Lower Upper

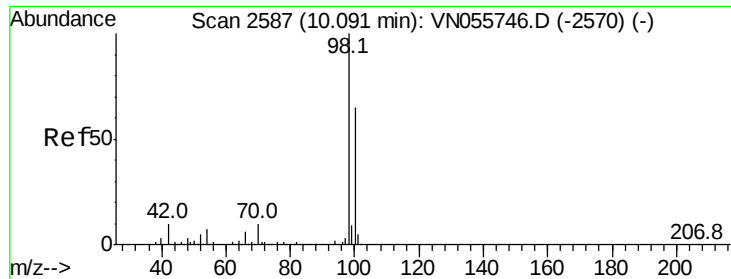
78 100

77 22.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

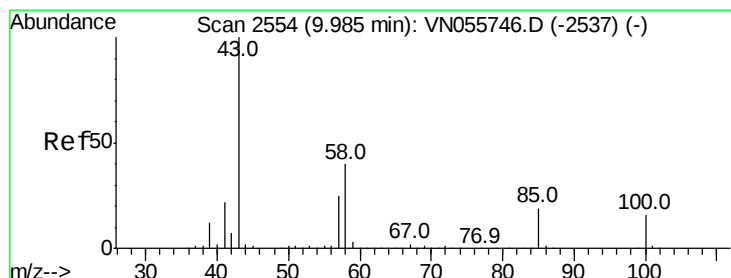
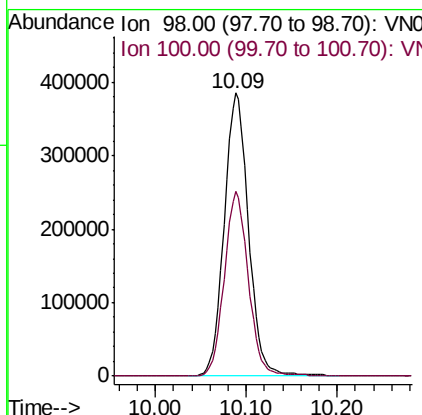
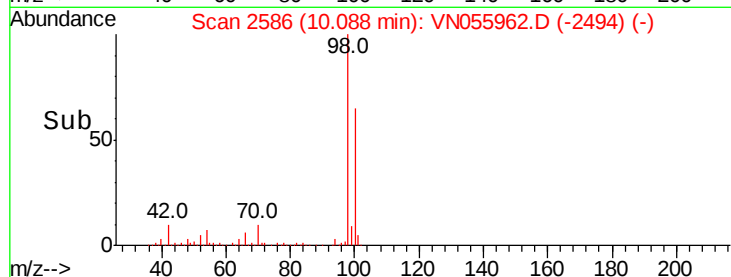
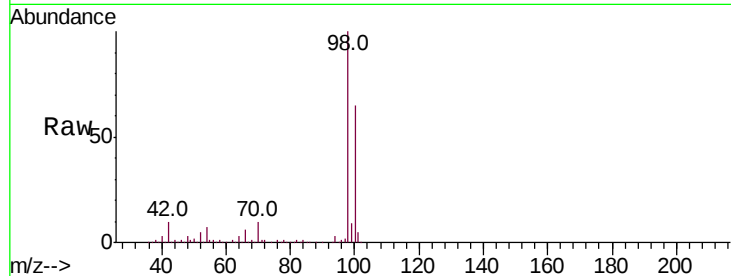




#50
Toluene-d8
Concen: 50.191 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

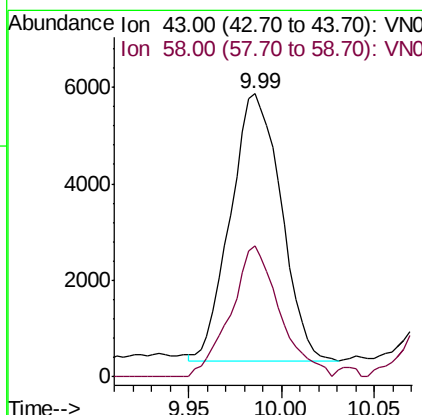
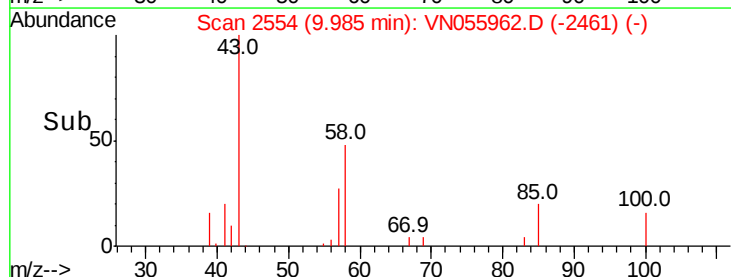
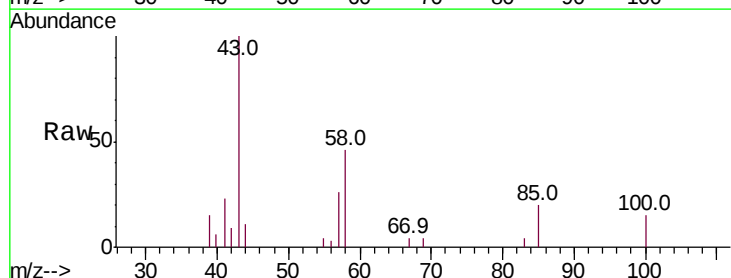
Instrument :
MSVOA_N
ClientSampled :
13892

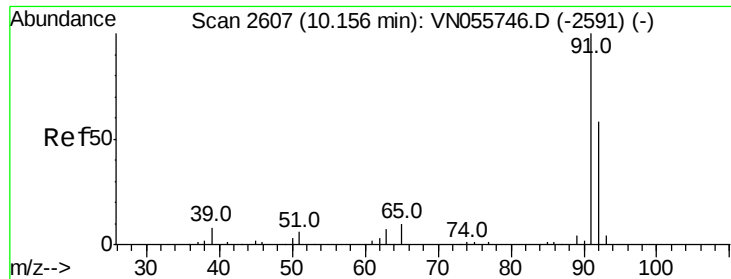
Tot Ion: 98 Resp: 716849
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 2.133 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 43 Resp: 10500
Ion Ratio Lower Upper
43 100
58 47.5 32.1 48.1





#52

Toluene

Concen: 1.171 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

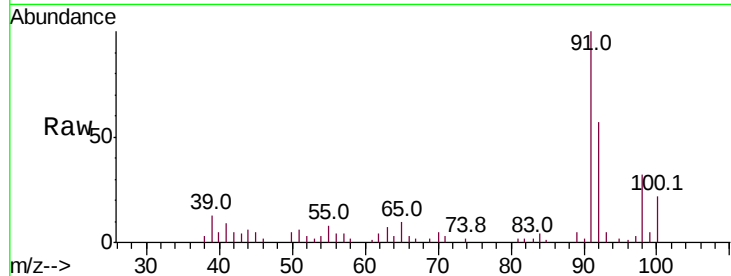
13892

Tot Ion: 92 Resp: 11388

Ion Ratio Lower Upper

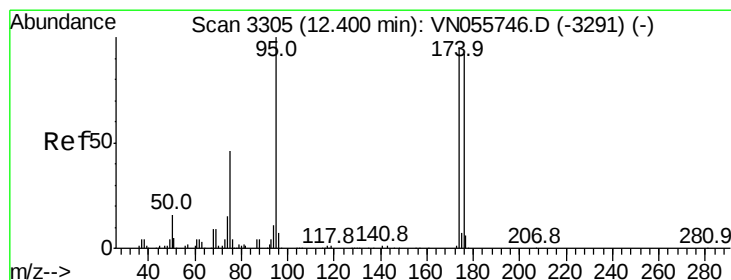
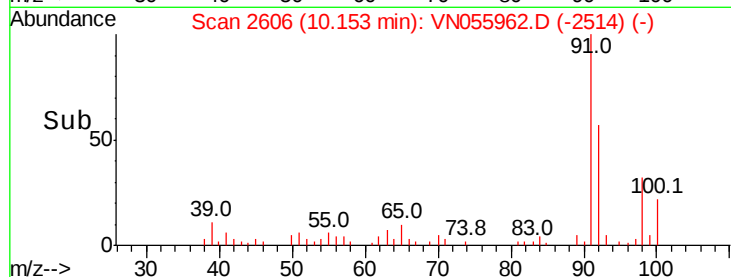
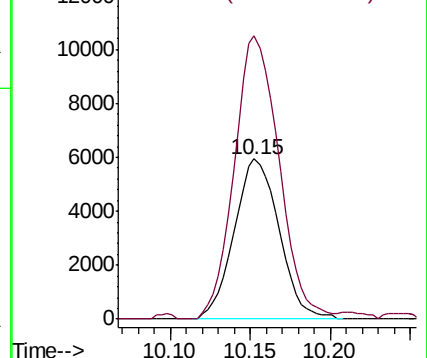
92 100

91 176.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 51.840 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

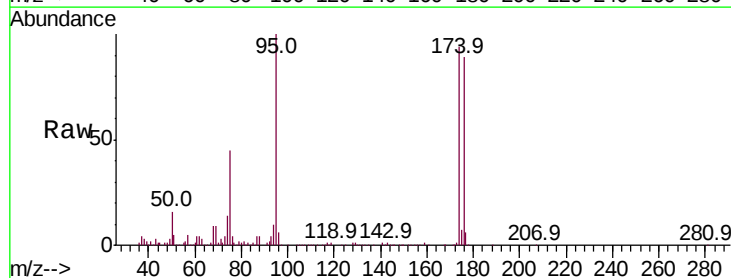
Tgt Ion: 95 Resp: 253874

Ion Ratio Lower Upper

95 100

174 93.2 0.0 191.0

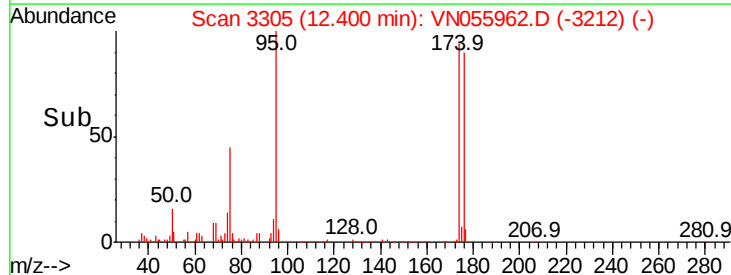
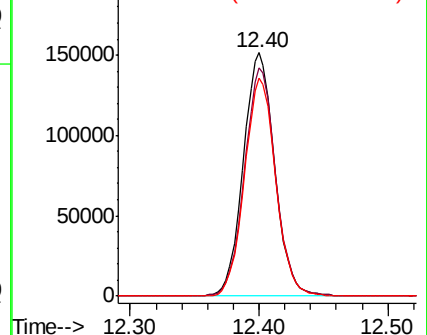
176 89.8 0.0 185.2

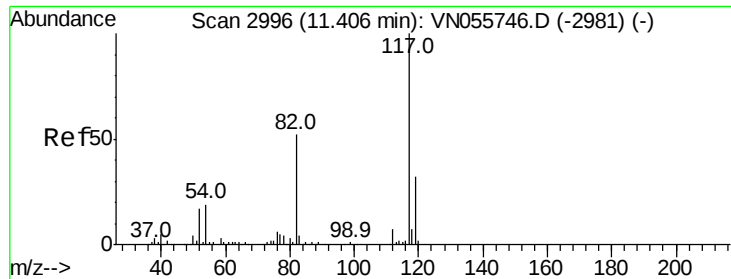


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

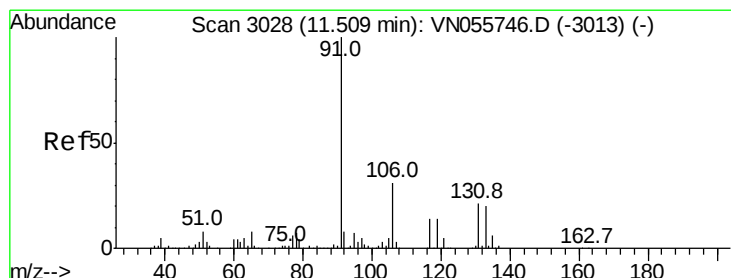
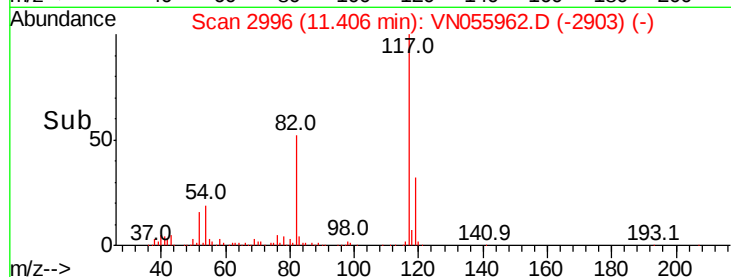
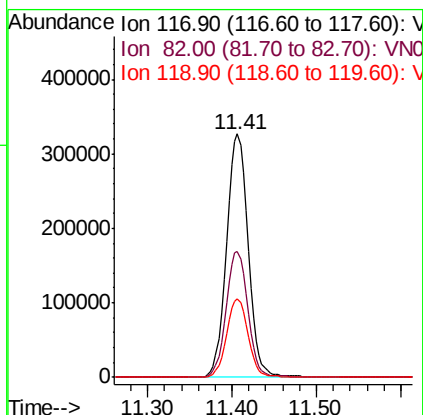
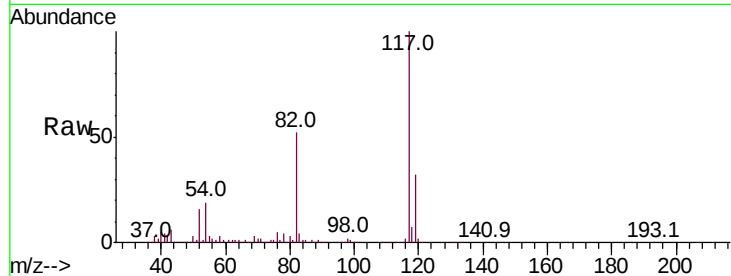




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

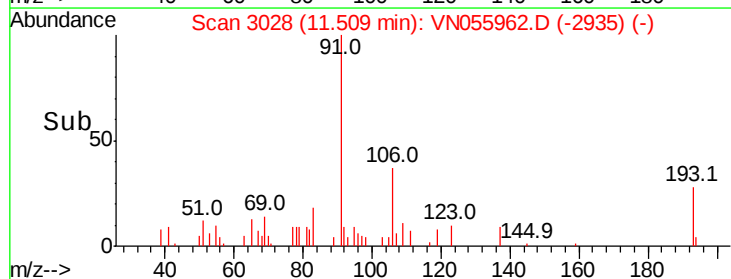
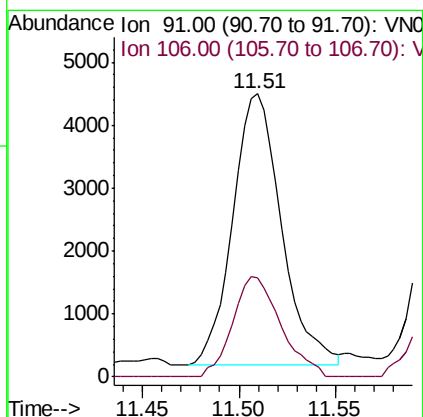
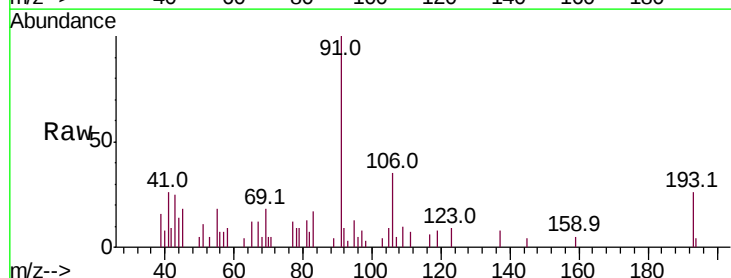
Instrument :
MSVOA_N
ClientSampled :
13892

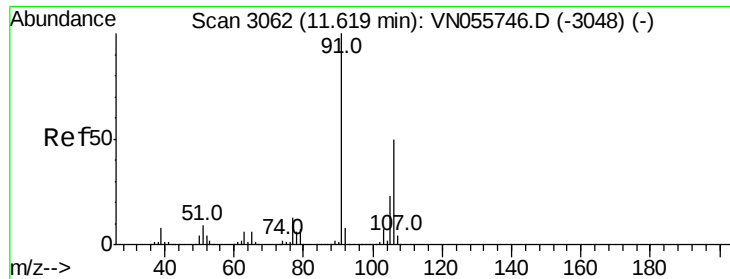
Tot Ion:117 Resp: 581519
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.1 25.4 38.0



#67
Ethyl Benzene
Concen: 0.363 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 91 Resp: 7578
Ion Ratio Lower Upper
91 100
106 36.3 25.1 37.7

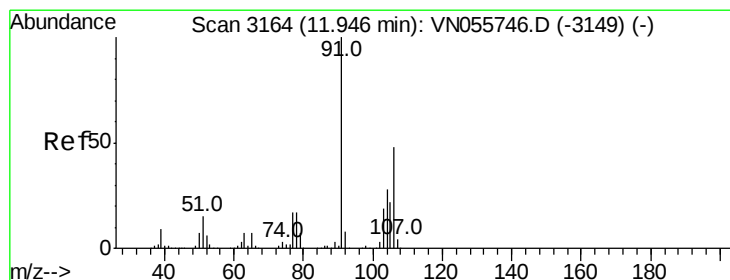
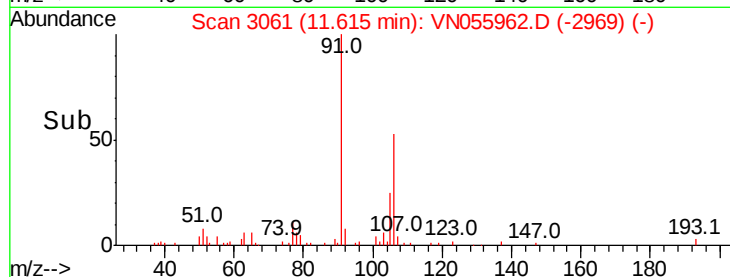
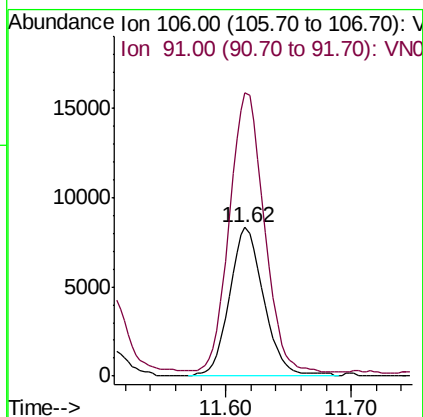
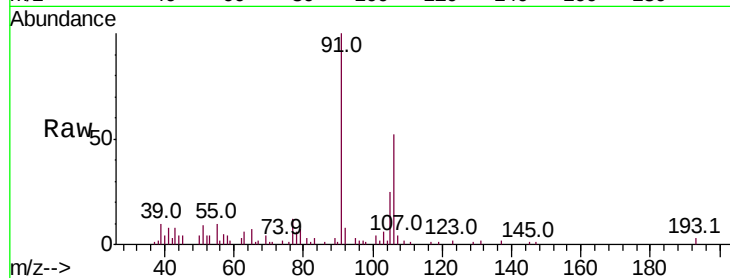




#68
m/p-Xylenes
Concen: 2.005 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

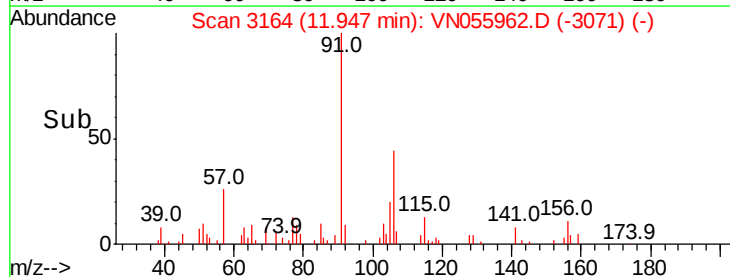
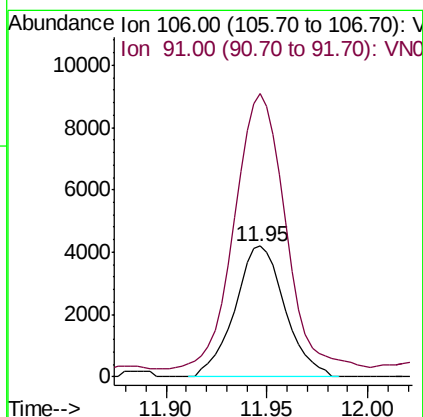
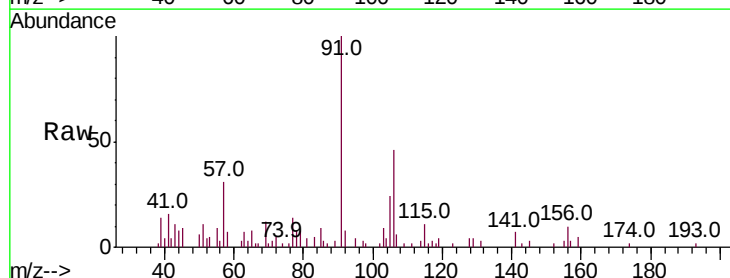
Instrument :
MSVOA_N
ClientSampleId :
13892

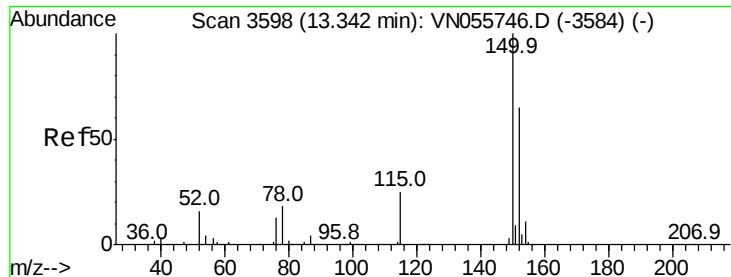
Tot Ion:106 Resp: 15826
Ion Ratio Lower Upper
106 100
91 189.6 159.3 238.9



#69
o-Xylene
Concen: 0.930 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion:106 Resp: 7285
Ion Ratio Lower Upper
106 100
91 213.9 104.7 314.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

13892

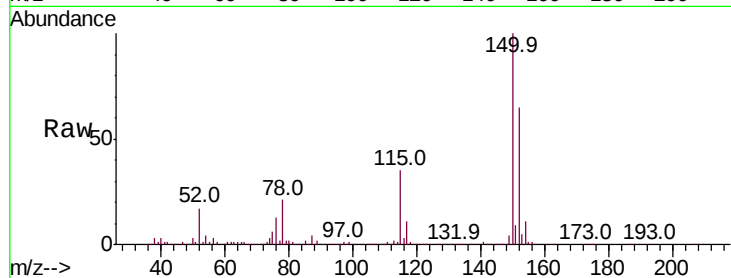
Tot Ion:152 Resp: 225594

Ion Ratio Lower Upper

152 100

115 54.2 27.0 81.0

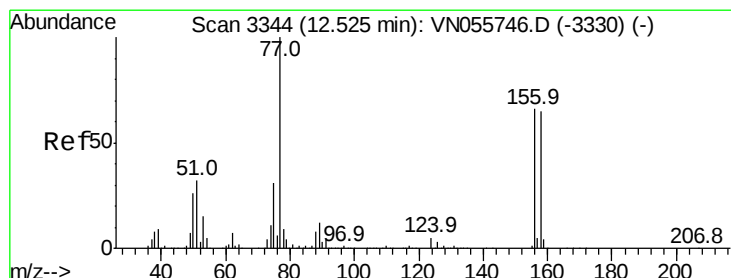
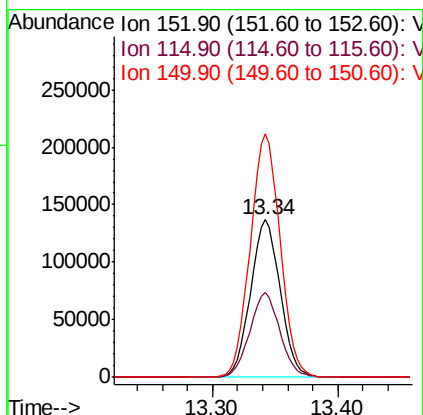
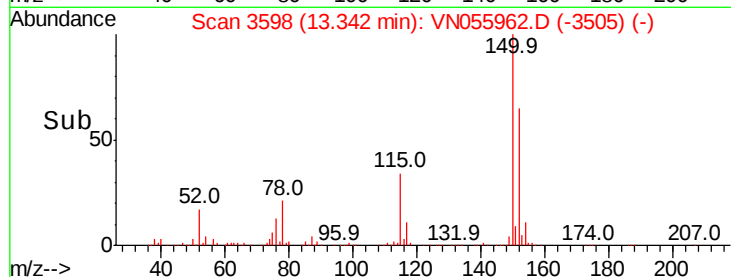
150 155.7 0.0 343.2



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



#77

Bromobenzene

Concen: 2.428 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

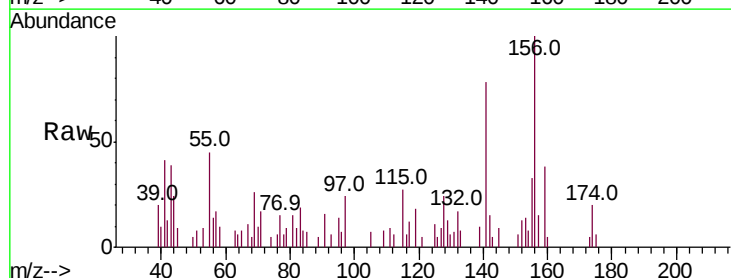
Tgt Ion:156 Resp: 11687

Ion Ratio Lower Upper

156 100

77 0.0 90.8 272.5#

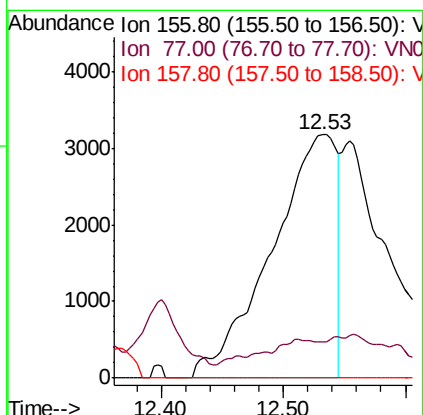
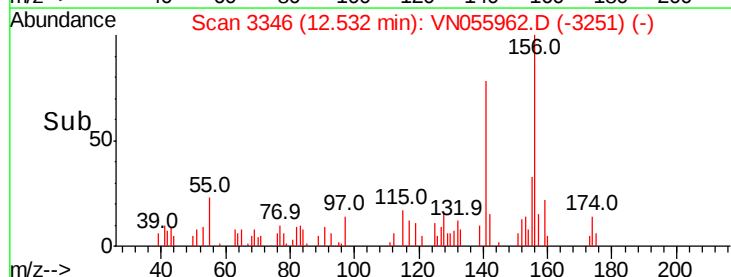
158 0.0 49.3 147.8#

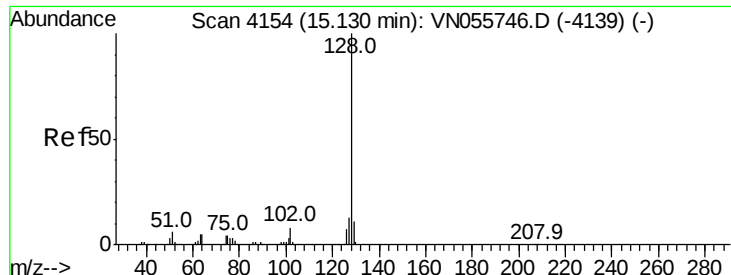


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

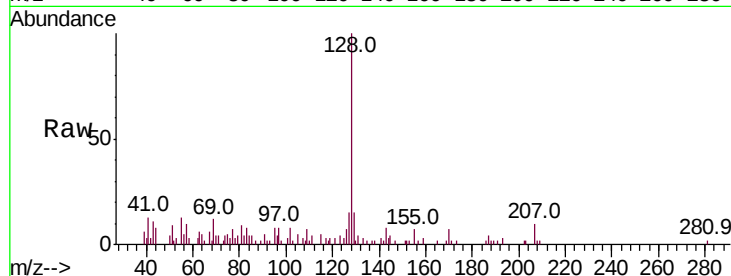




#95
Naphthalene
Concen: 1.762 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
13892

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.3	15.5
129	9.2	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

