

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055961.D
 Acq On : 3 Jun 2019 15:05
 Operator : JC/SP
 Sample : K3125-25 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13899

Quant Time: Jun 03 19:35:19 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

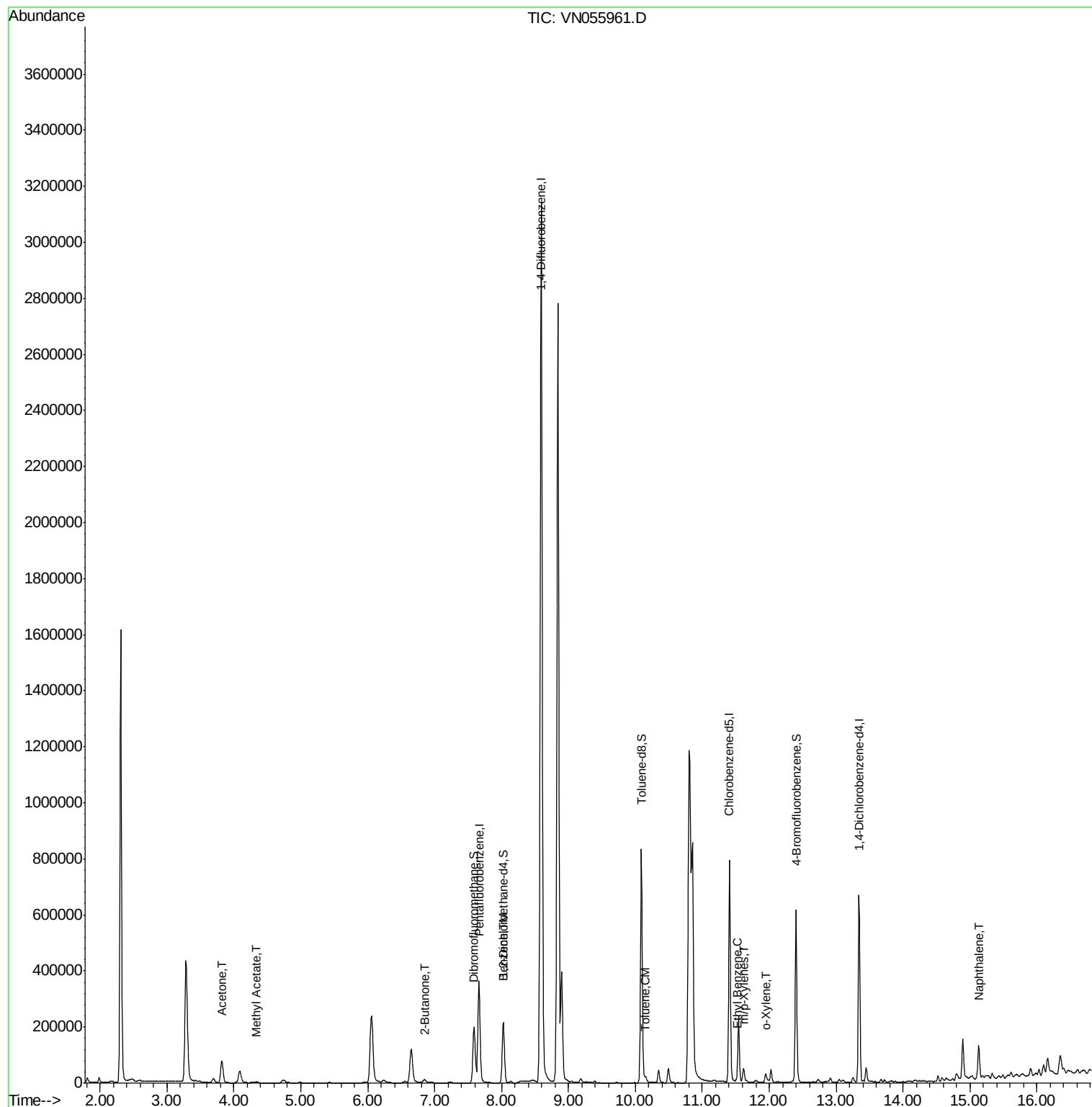
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	344047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	529847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	494287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	174702	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	7.59	113	151719	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
50) Toluene-d8	10.09	98	625084	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.40	95	217355	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
Target Compounds						
16) Acetone	3.82	43	134468	86.096	ug/l	100
18) Methyl Acetate	4.34	43	6560	0.823	ug/l	96
25) 2-Butanone	6.85	43	12179	5.584	ug/l	98
40) Benzene	8.04	78	6224	0.447	ug/l	93
52) Toluene	10.15	92	7130	0.815	ug/l	98
67) Ethyl Benzene	11.51	91	6803	0.383	ug/l	99
68) m/p-Xylenes	11.62	106	15539	2.316	ug/l	98
69) o-Xylene	11.95	106	9144	1.374	ug/l	93
95) Naphthalene	15.13	128	105054	11.145	ug/l	99

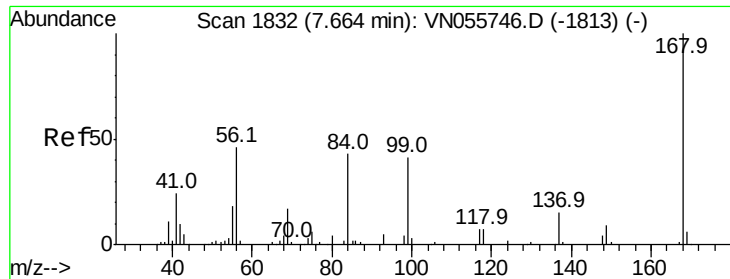
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060319\
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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: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

ClientSampled :

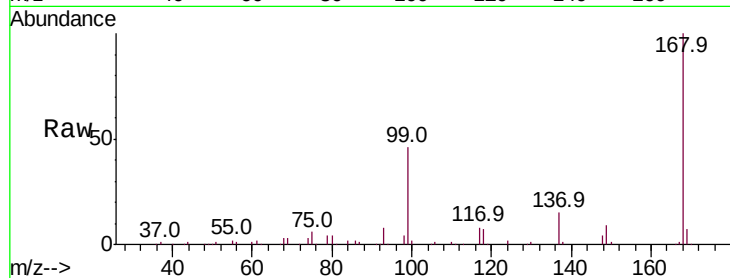
13899

Tot Ion:168 Resp: 344047

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): VN0

7.66

150000

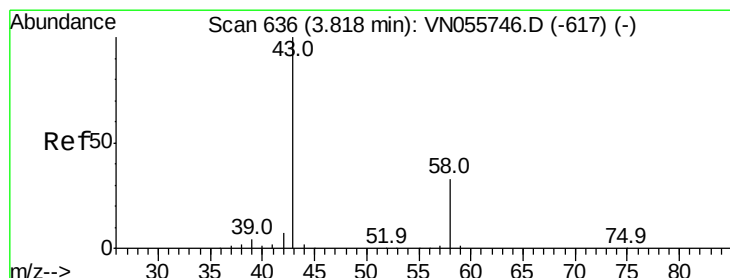
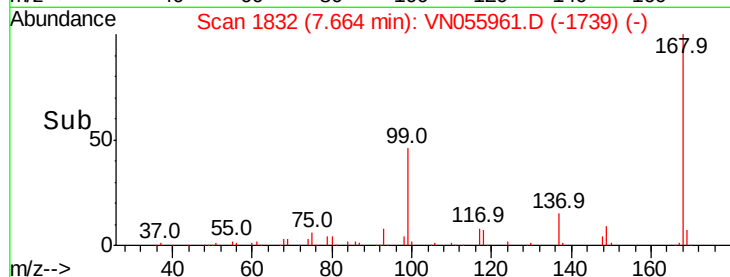
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 86.096 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055961.D

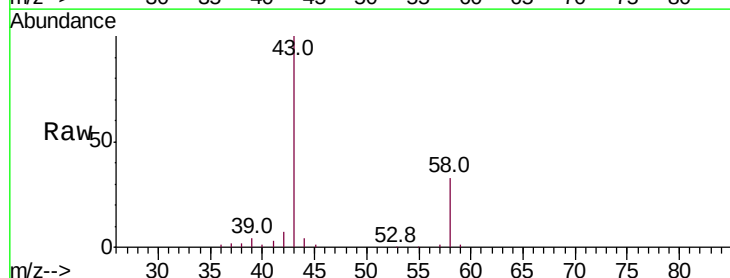
Acq: 3 Jun 2019 15:05

Tgt Ion: 43 Resp: 134468

Ion Ratio Lower Upper

43 100

58 33.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

50000

40000

30000

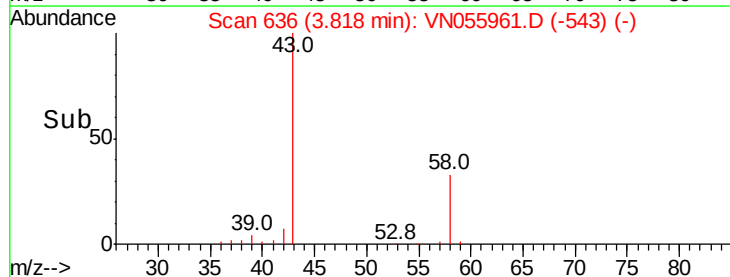
20000

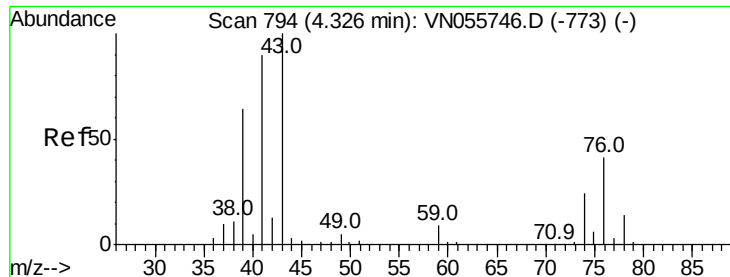
10000

0

Time-->

3.70 3.80 3.90 4.00

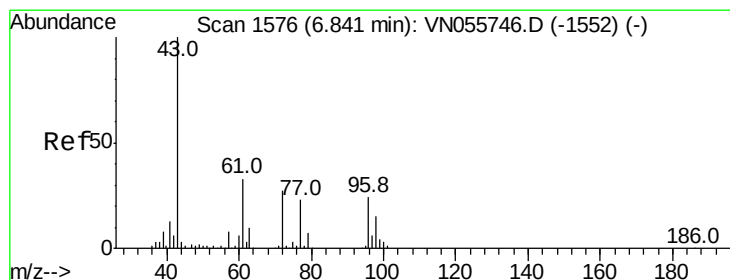
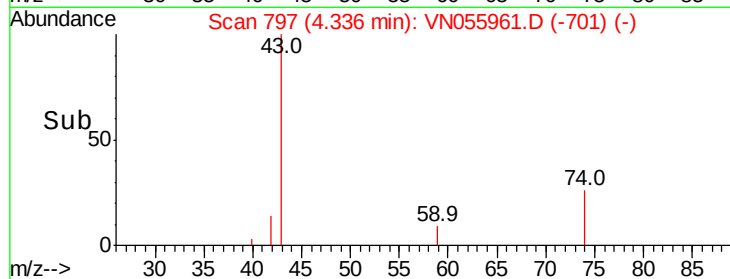
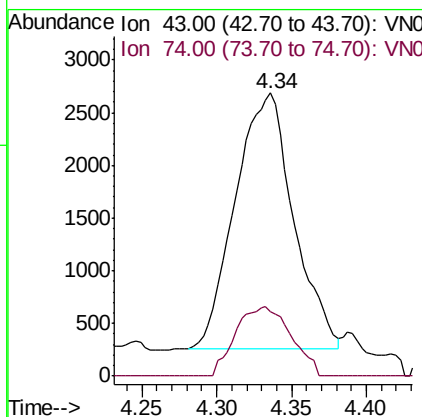
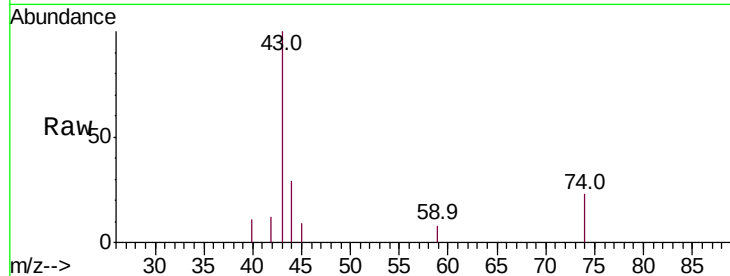




#18
Methyl Acetate
Concen: 0.823 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

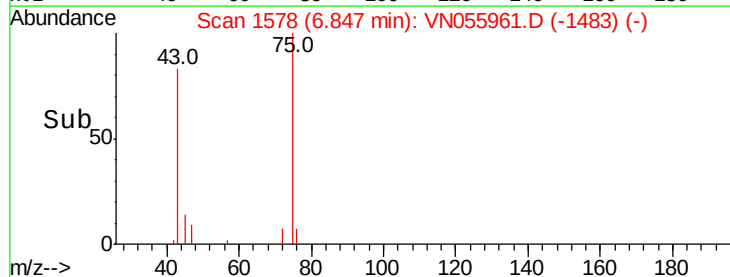
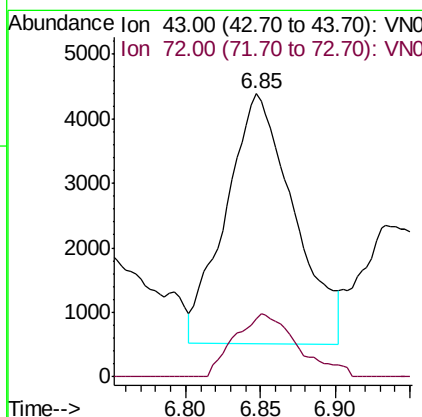
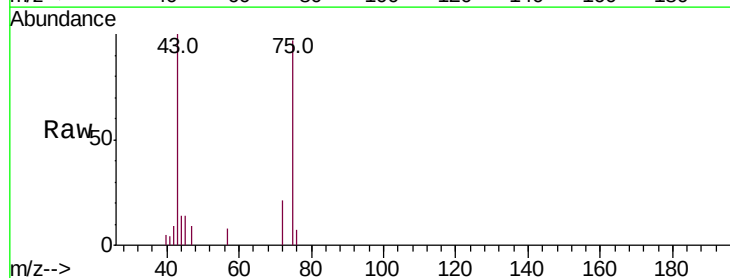
Instrument :
MSVOA_N
ClientSampled :
13899

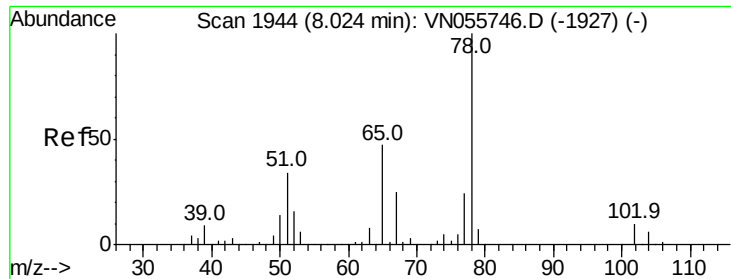
Tot Ion: 43 Resp: 6560
Ion Ratio Lower Upper
43 100
74 25.9 19.3 28.9



#25
2-Butanone
Concen: 5.584 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Tgt Ion: 43 Resp: 12179
Ion Ratio Lower Upper
43 100
72 26.5 21.9 32.9

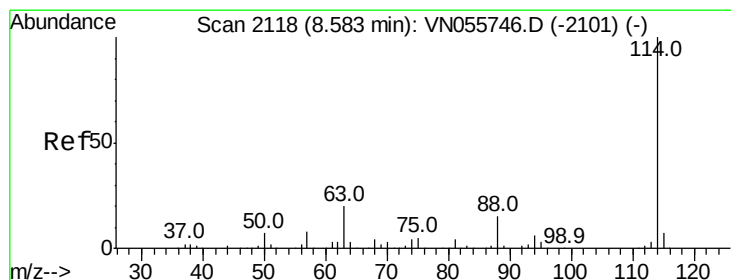
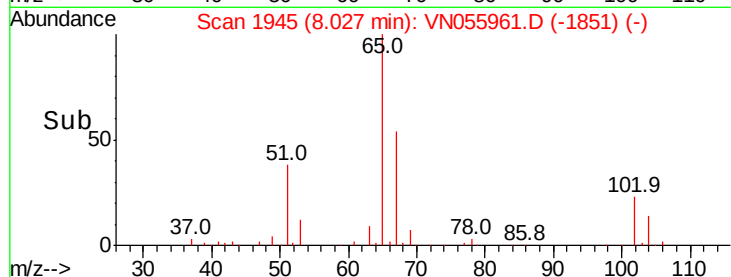
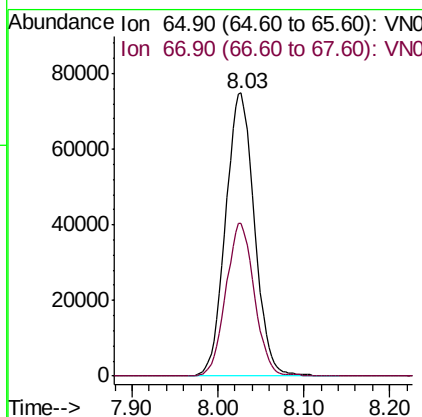
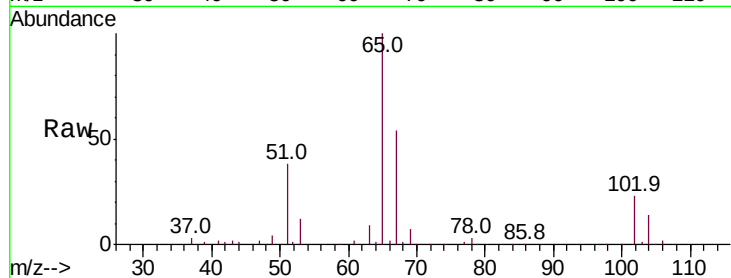




#33
 1,2-Dichloroethane-d4
 Concen: 49.170 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055961.D
 Acq: 3 Jun 2019 15:05

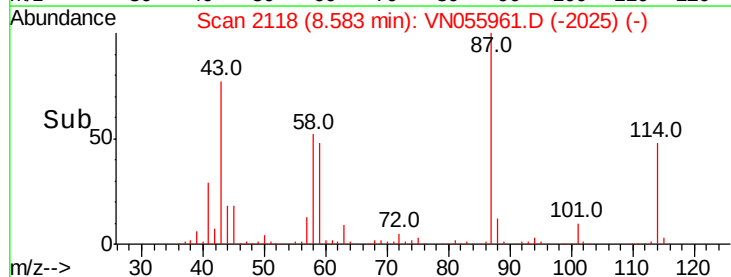
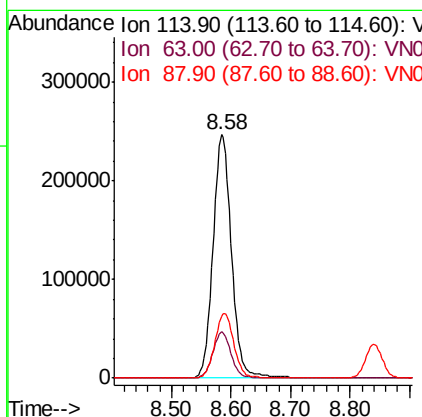
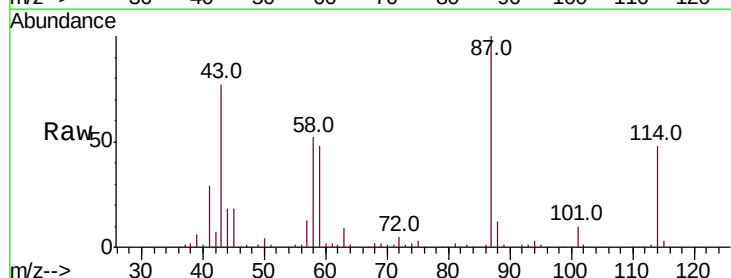
Instrument :
 MSVOA_N
 ClientSampled :
 13899

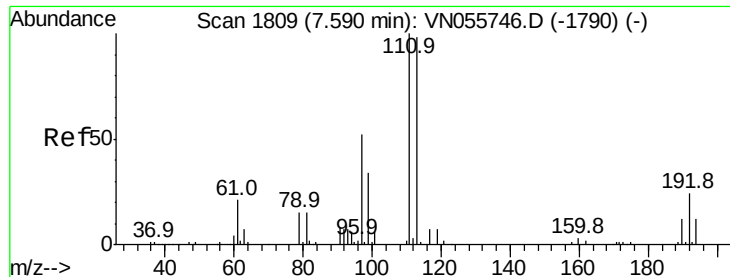
Tot Ion: 65 Resp: 174702
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055961.D
 Acq: 3 Jun 2019 15:05

Tgt Ion: 114 Resp: 529847
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 25.4 0.0 31.0

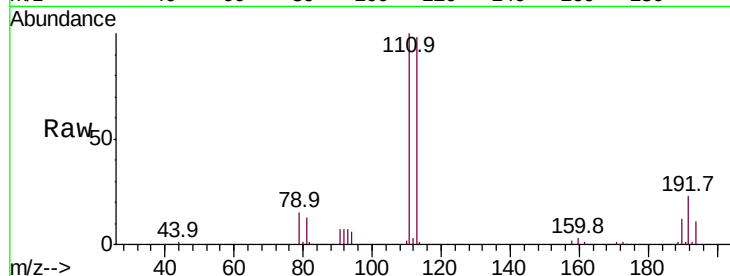




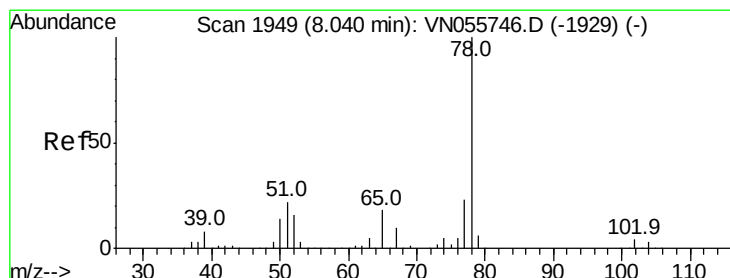
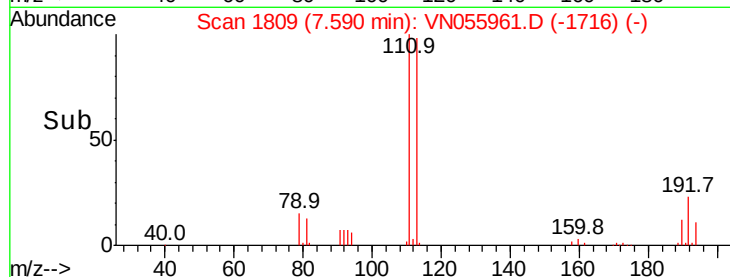
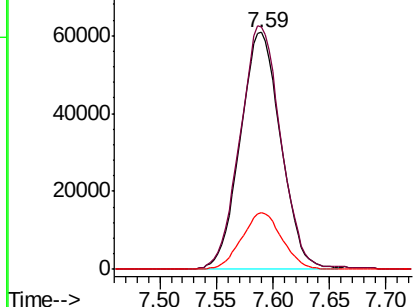
#35
 Dibromofluoromethane
 Concen: 45.291 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055961.D
 Acq: 3 Jun 2019 15:05

Instrument :
 MSVOA_N
 ClientSampled :
 13899

Tot Ion:113 Resp: 151719
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.9 122.9
 192 23.8 19.5 29.3

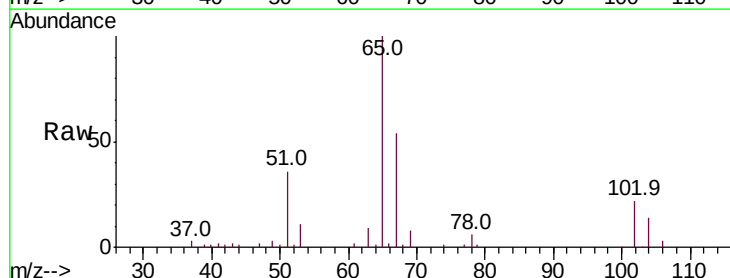


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

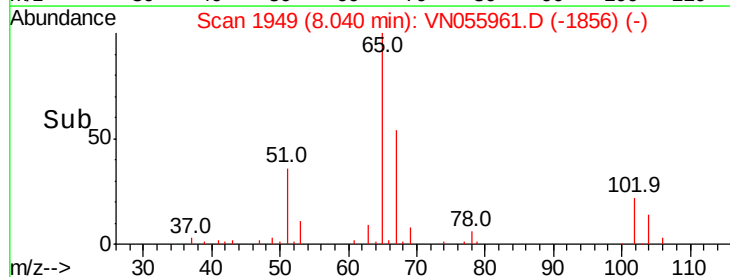
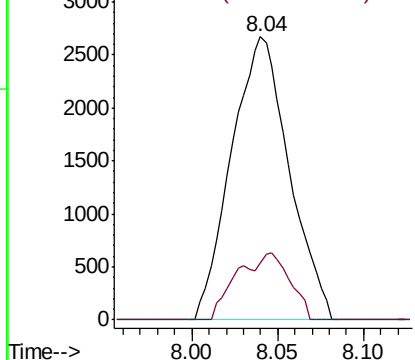


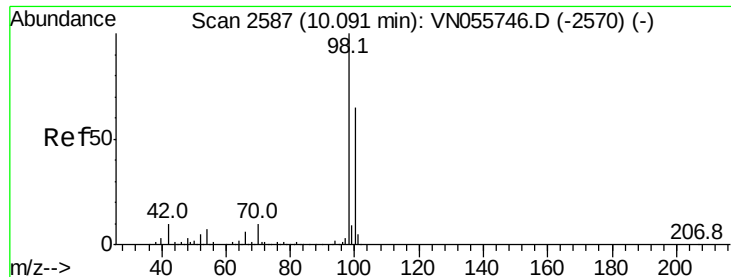
#40
 Benzene
 Concen: 0.447 ug/l
 RT: 8.04 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: VN055961.D
 Acq: 3 Jun 2019 15:05

Tgt Ion: 78 Resp: 6224
 Ion Ratio Lower Upper
 78 100
 77 20.0 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: 48.645 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

ClientSampled :

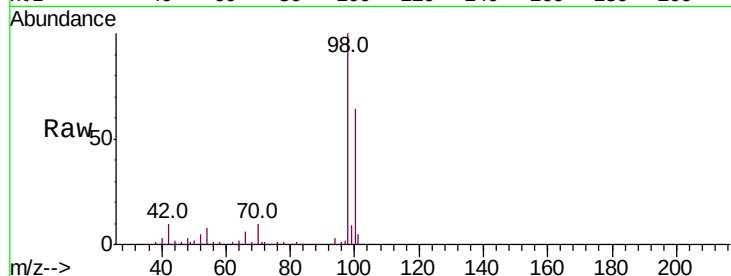
13899

Tot Ion: 98 Resp: 625084

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055746.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055746.D (-2570) (-)

10.09

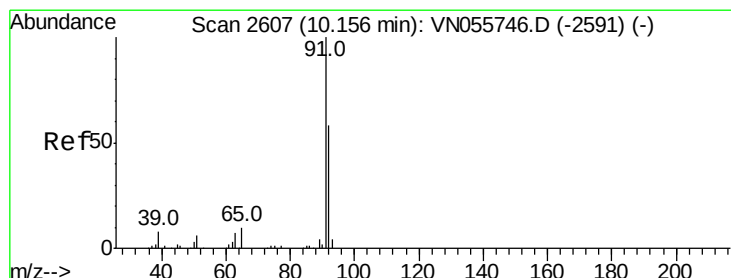
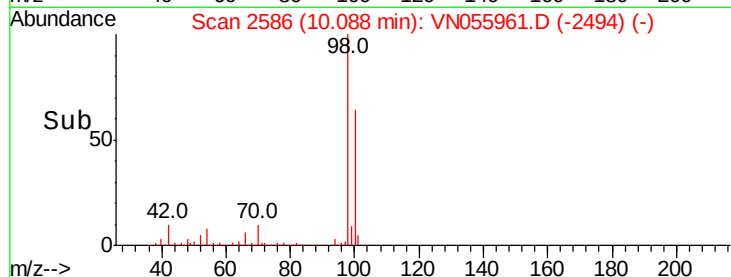
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 0.815 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055961.D

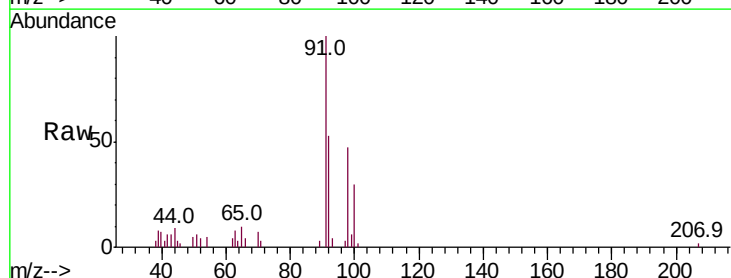
Acq: 3 Jun 2019 15:05

Tgt Ion: 92 Resp: 7130

Ion Ratio Lower Upper

92 100

91 177.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055746.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055746.D (-2591) (-)

8000

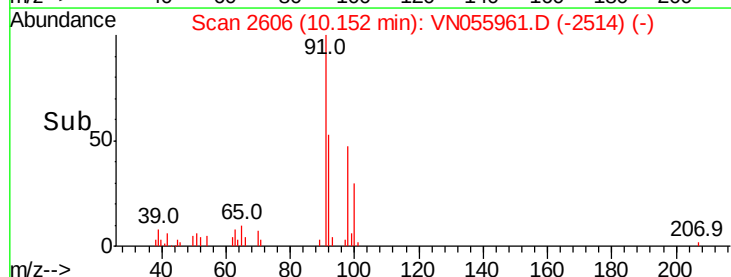
6000

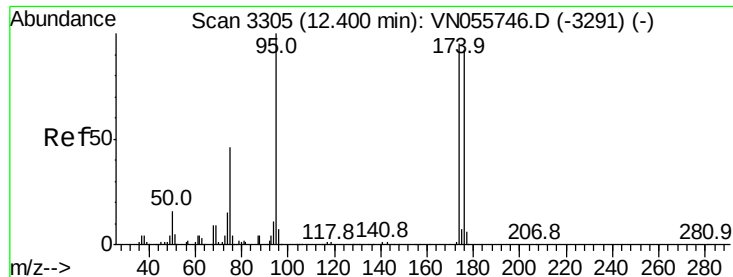
4000

2000

0

Time-->

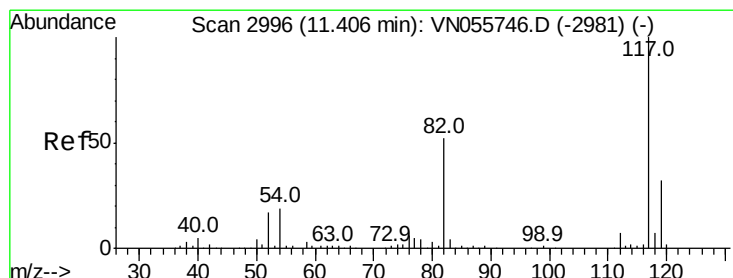
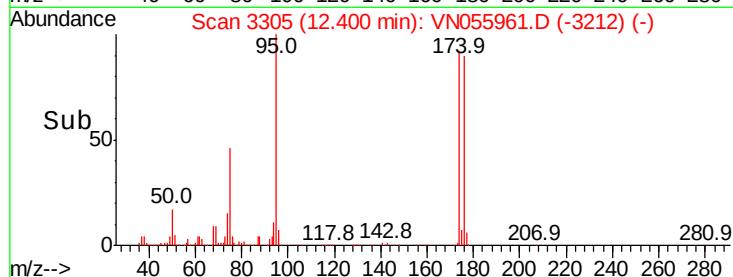
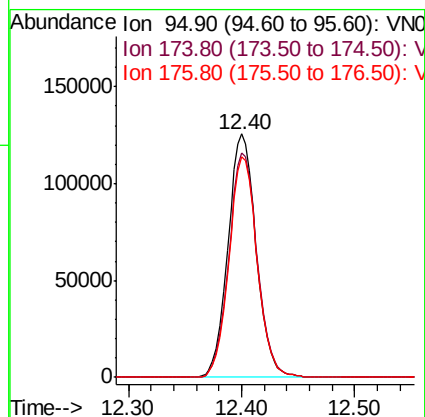
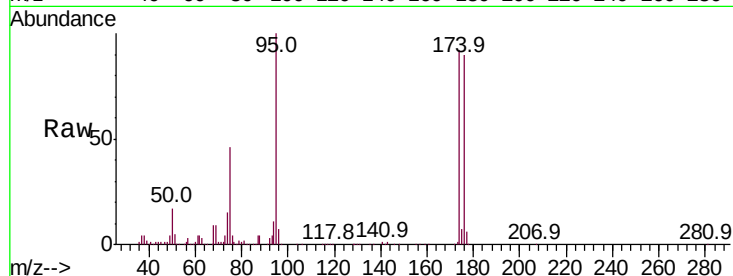




#62
4-Bromofluorobenzene
Concen: 49.331 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

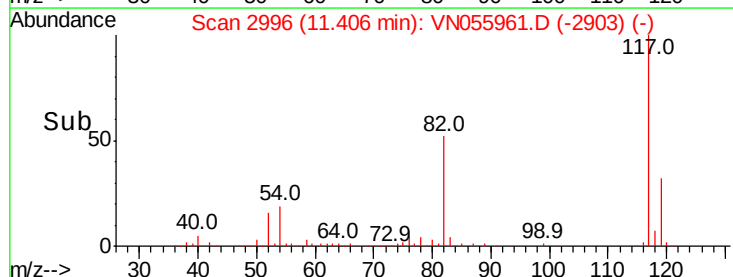
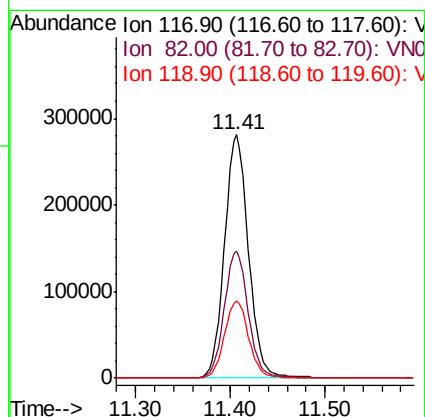
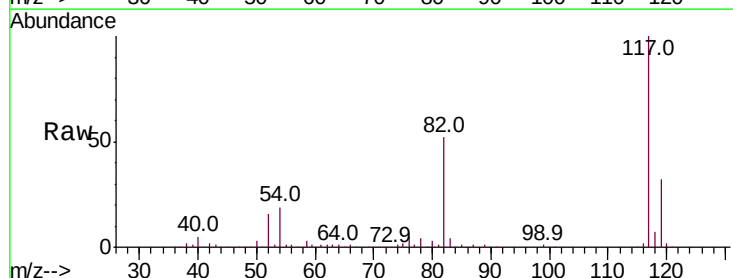
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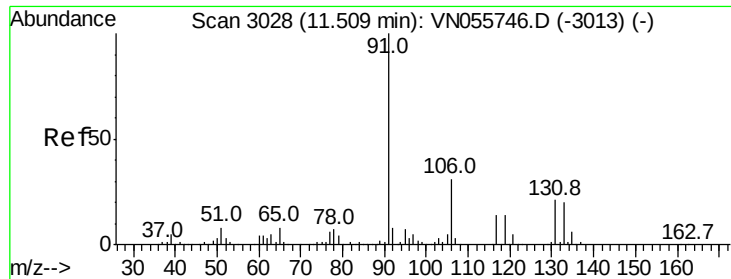
Tot Ion: 95 Resp: 217355
Ion Ratio Lower Upper
95 100
174 93.1 0.0 191.0
176 90.4 0.0 185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Tgt Ion: 117 Resp: 494287
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 31.8 25.4 38.0

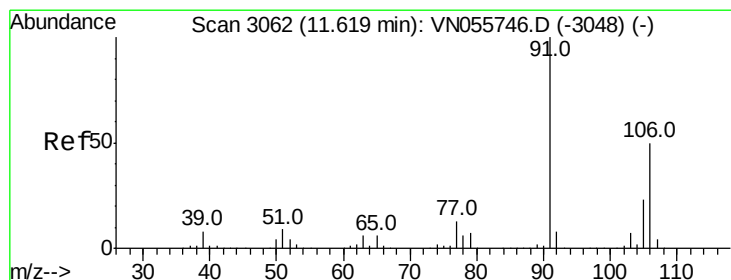
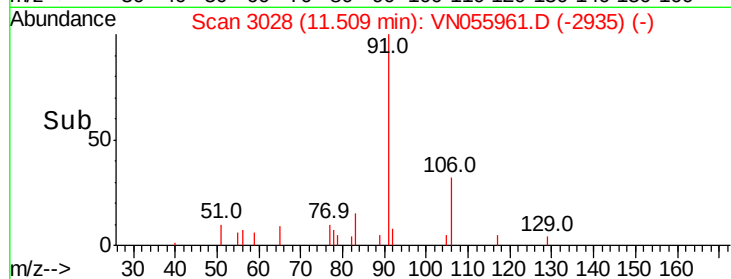
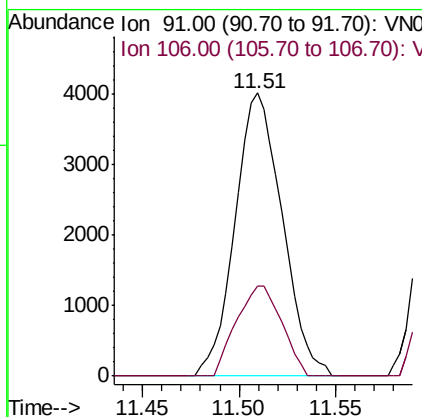
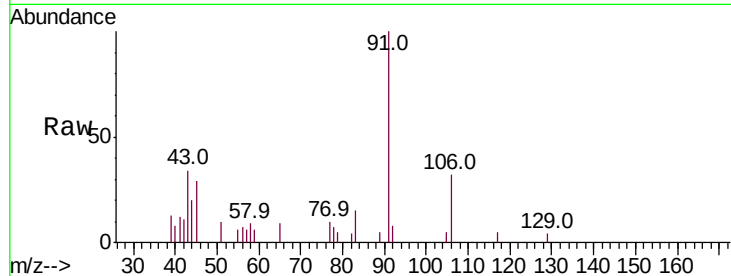




#67
Ethyl Benzene
Concen: 0.383 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

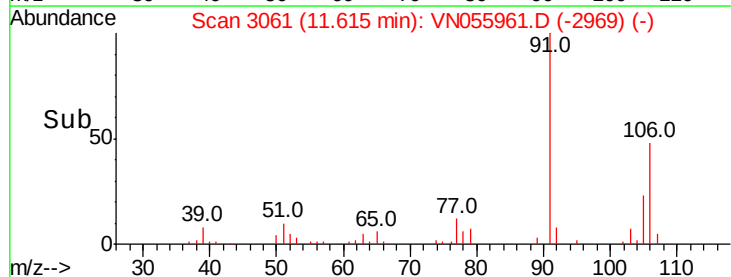
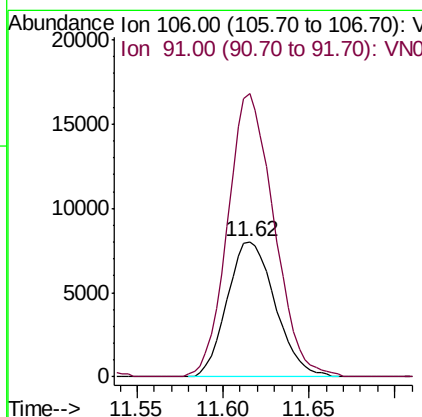
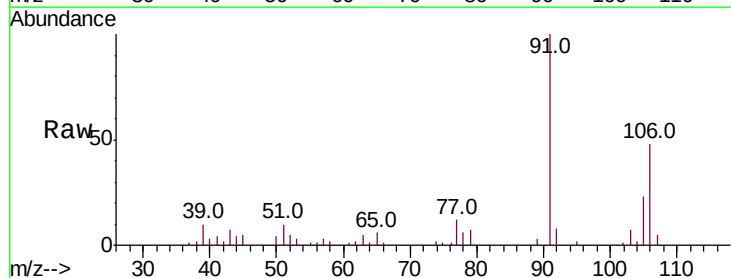
Instrument :
MSVOA_N
ClientSampled :
13899

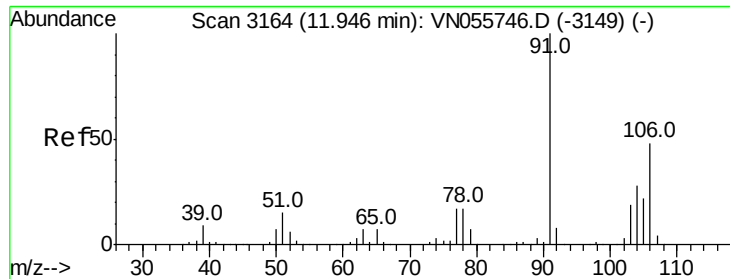
Tot Ion: 91 Resp: 6803
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7



#68
m/p-Xylenes
Concen: 2.316 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Tgt Ion: 106 Resp: 15539
Ion Ratio Lower Upper
106 100
91 202.4 159.3 238.9

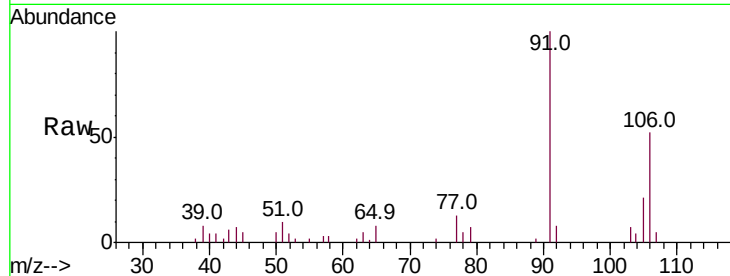




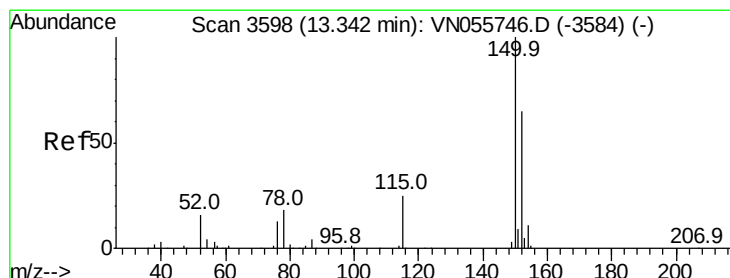
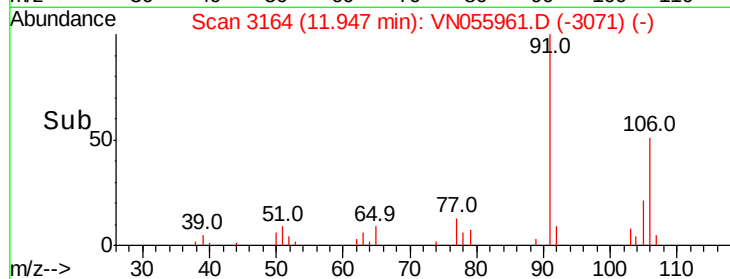
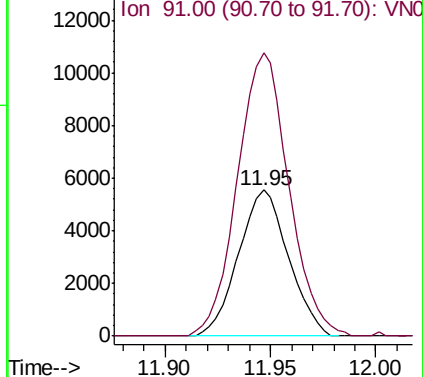
#69
o-Xylene
Concen: 1.374 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Instrument :
MSVOA_N
ClientSampleId :
13899

Tot Ion:106 Resp: 9144
Ion Ratio Lower Upper
106 100
91 199.1 104.7 314.1

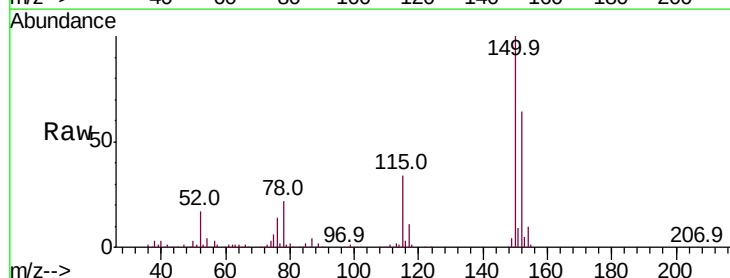


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

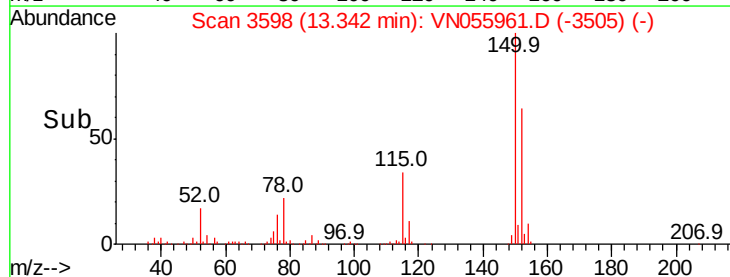
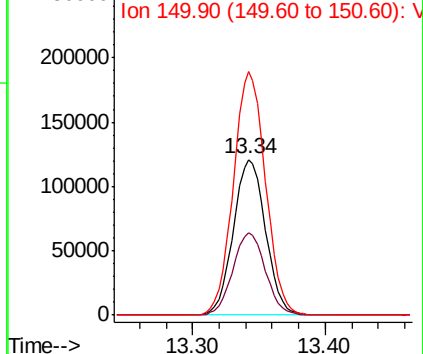


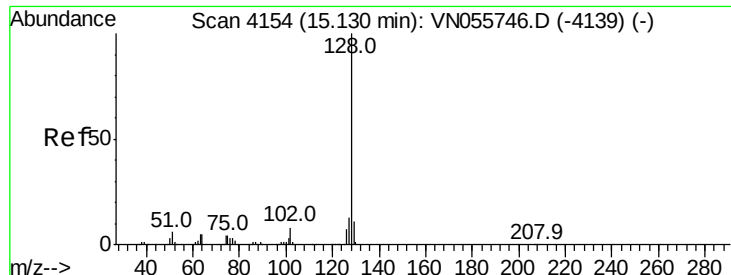
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Tgt Ion:152 Resp: 203765
Ion Ratio Lower Upper
152 100
115 53.2 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





#95

Naphthalene

Concen: 11.145 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

13899

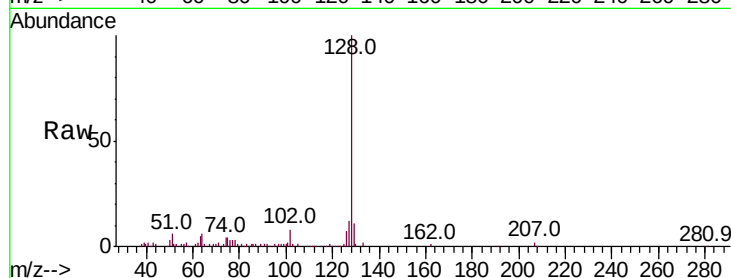
Tot Ion:128 Resp: 105054

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 11.3 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

