

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056152.D
 Acq On : 8 Jun 2019 14:33
 Operator : JC/SP
 Sample : K3204-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: Jun 10 03:30:36 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	323223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	494918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	485259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164228	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	161145	50.21	ug/l	0.00
Spiked Amount						
			Recovery	=	100.42%	
35) Dibromofluoromethane	7.59	113	142295	46.86	ug/l	0.00
Spiked Amount						
			Recovery	=	93.72%	
50) Toluene-d8	10.09	98	603937	51.69	ug/l	0.00
Spiked Amount						
			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.40	95	197688	49.75	ug/l	0.00
Spiked Amount						
			Recovery	=	99.50%	

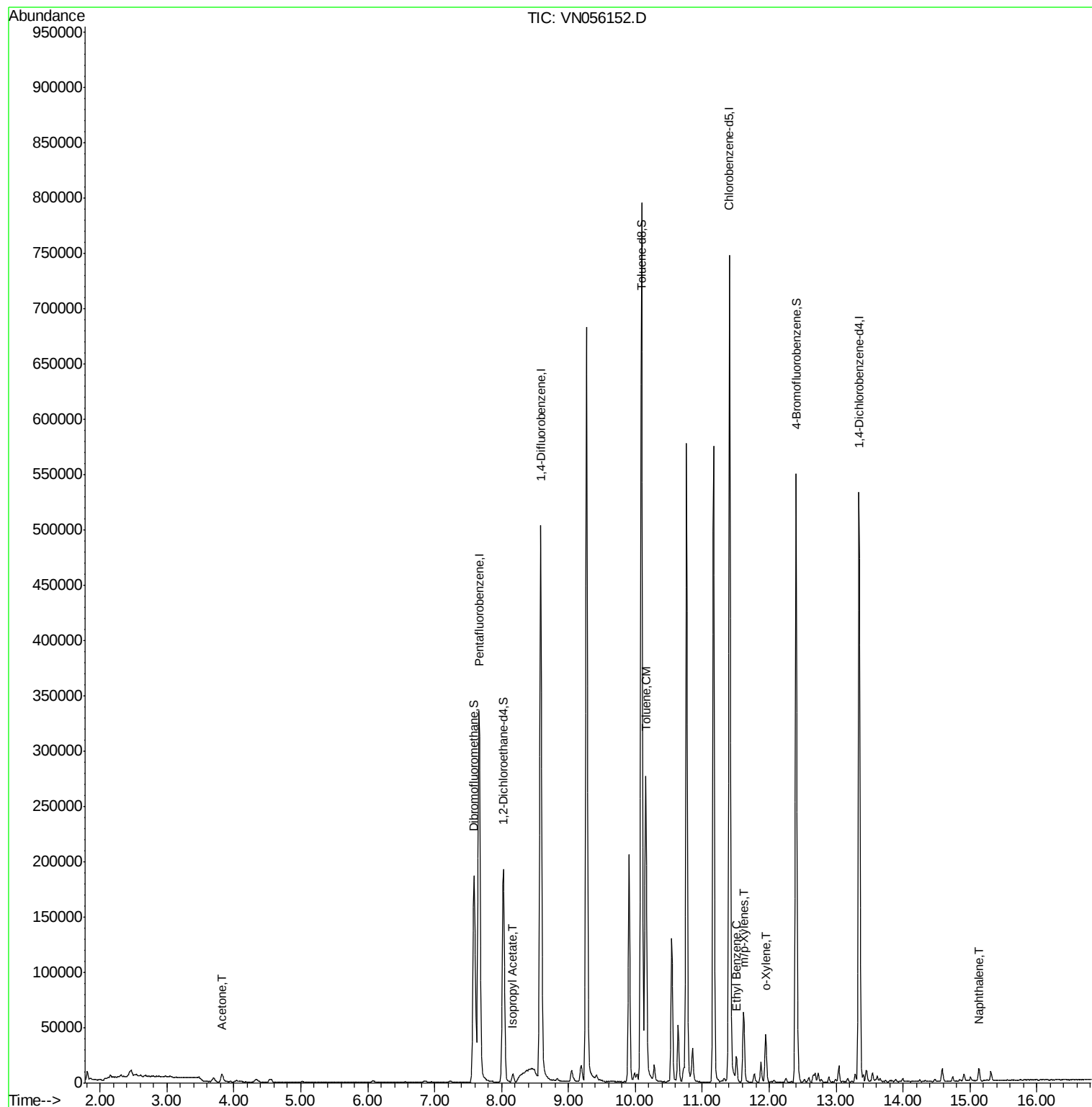
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	12901	8.405	ug/l	99
43) Isopropyl Acetate	8.17	43	9385	1.530	ug/l #	89
52) Toluene	10.16	92	128608	15.990	ug/l	99
67) Ethyl Benzene	11.51	91	17977	1.071	ug/l	98
68) m/p-Xylenes	11.62	106	22884	3.567	ug/l	98
69) o-Xylene	11.95	106	13088	2.074	ug/l	99
95) Naphthalene	15.13	128	11107	5.156	ug/l	97

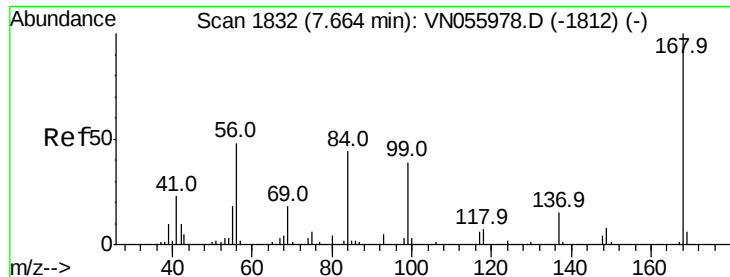
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1832

Delta R.T. 0.00 min

Lab File: VN056152.D

Acq: 8 Jun 2019 14:33

Instrument :

MSVOA_N

ClientSampled :

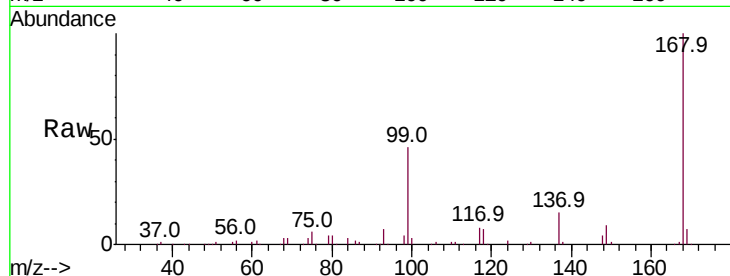
COMP-1

Tot Ion:168 Resp: 323223

Ion Ratio Lower Upper

168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

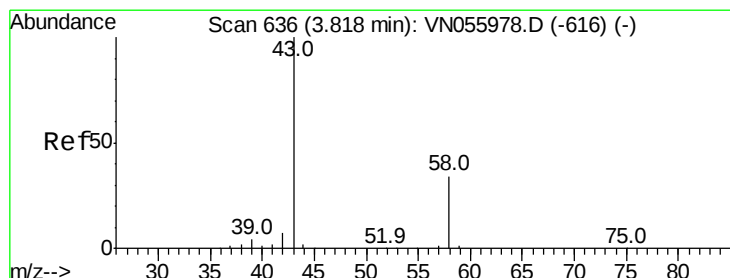
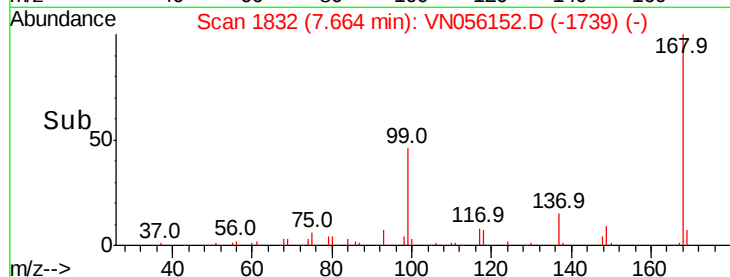
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.405 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056152.D

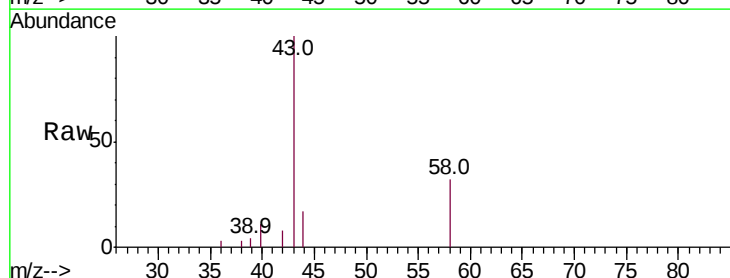
Acq: 8 Jun 2019 14:33

Tgt Ion: 43 Resp: 12901

Ion Ratio Lower Upper

43 100

58 32.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

3.82

5000

4000

3000

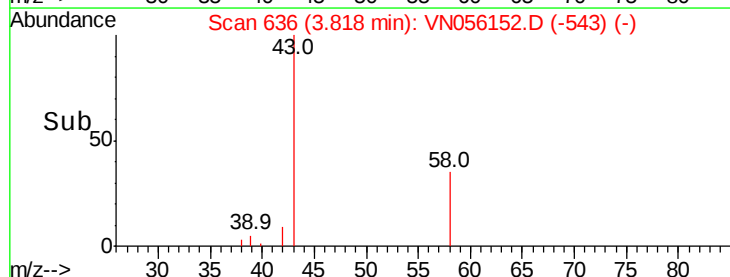
2000

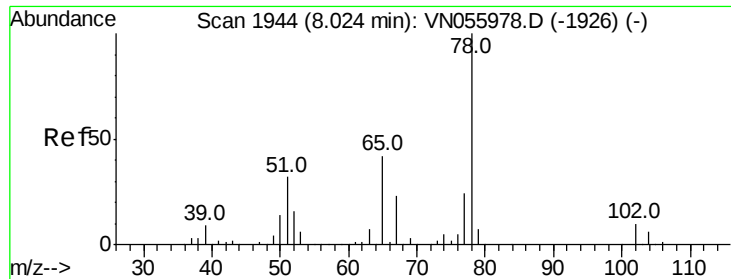
1000

0

3.70 3.80 3.90

Time-->

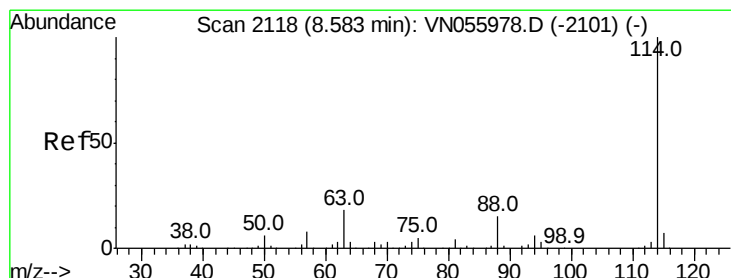
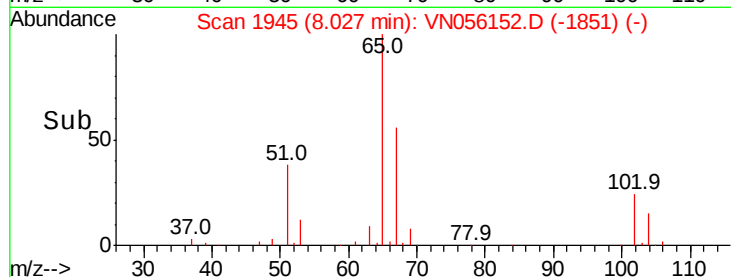
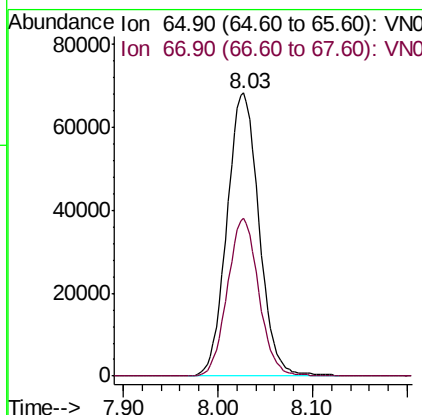
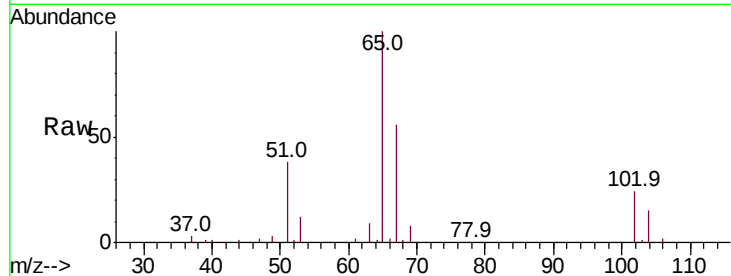




#33
 1,2-Dichloroethane-d4
 Concen: 50.211 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056152.D
 Acq: 8 Jun 2019 14:33

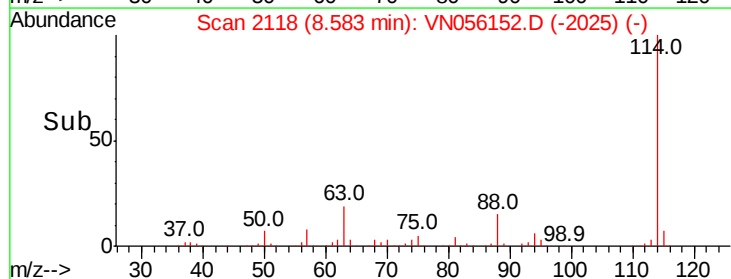
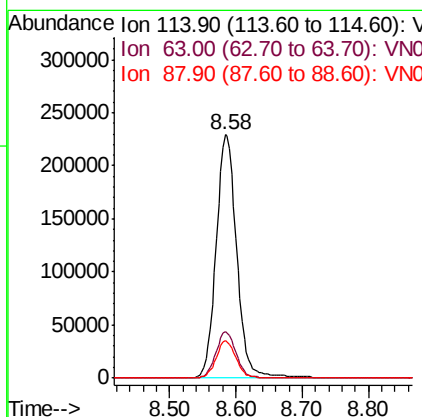
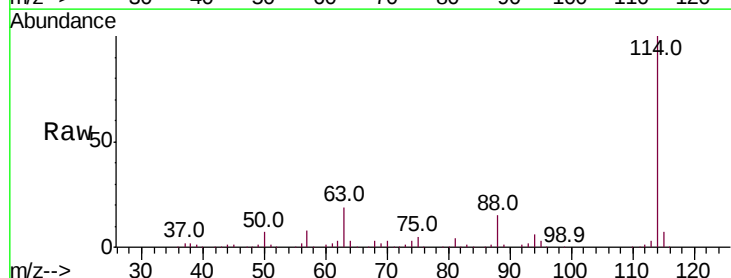
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

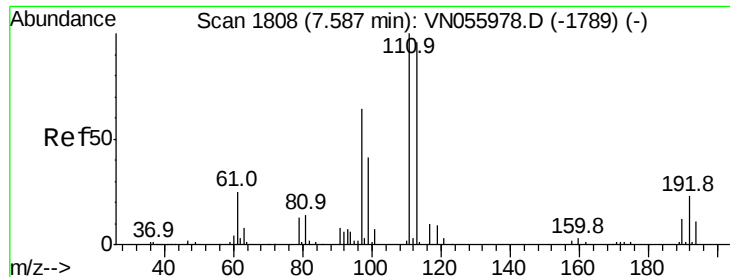
Tot Ion: 65 Resp: 161145
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056152.D
 Acq: 8 Jun 2019 14:33

Tgt Ion: 114 Resp: 494918
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.862 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056152.D

Acq: 8 Jun 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

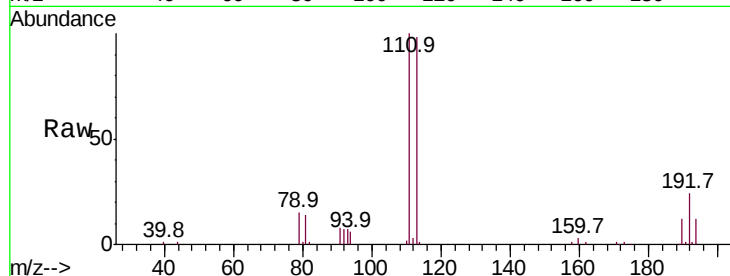
Tot Ion:113 Resp: 142295

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

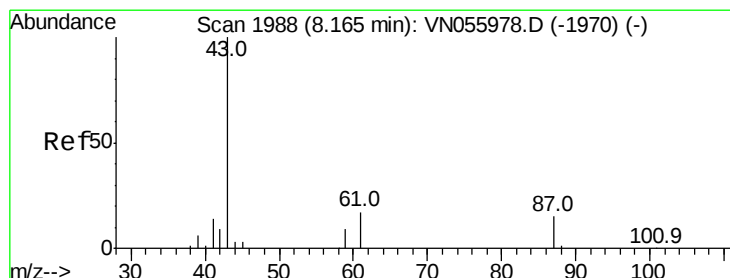
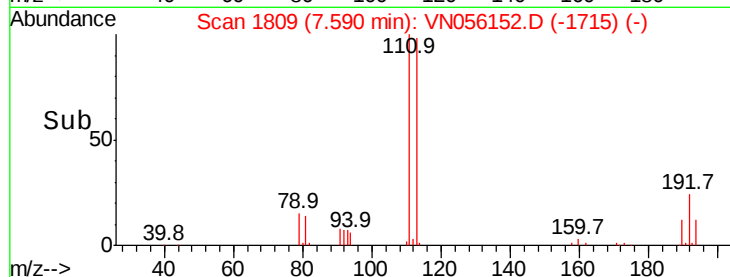
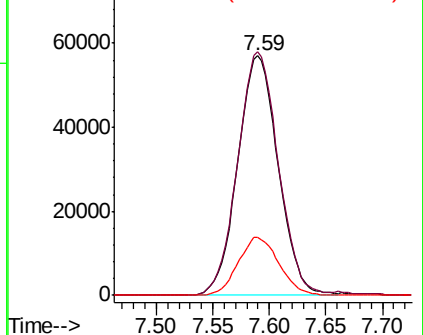
192 24.4 19.5 29.3



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



#43

Isopropyl Acetate

Concen: 1.530 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056152.D

Acq: 8 Jun 2019 14:33

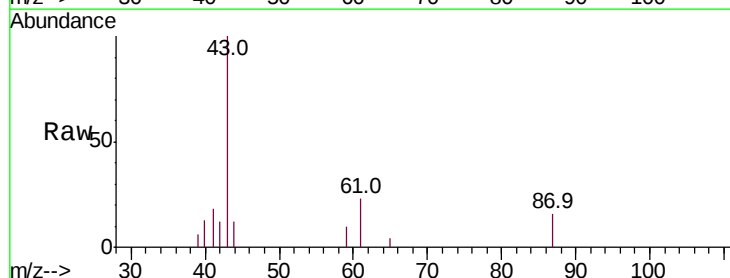
Tgt Ion: 43 Resp: 9385

Ion Ratio Lower Upper

43 100

61 20.0 22.2 33.4#

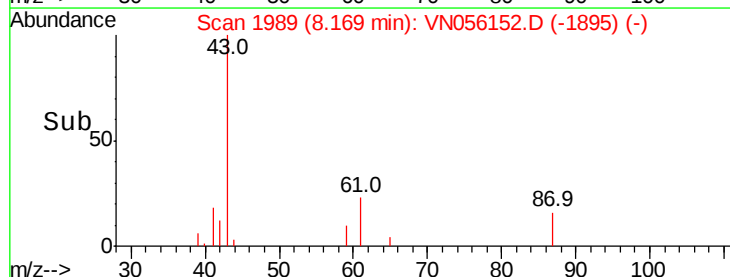
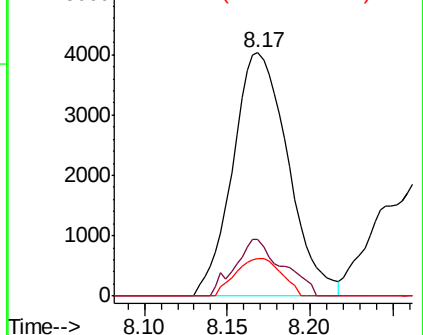
87 12.8 11.4 17.2

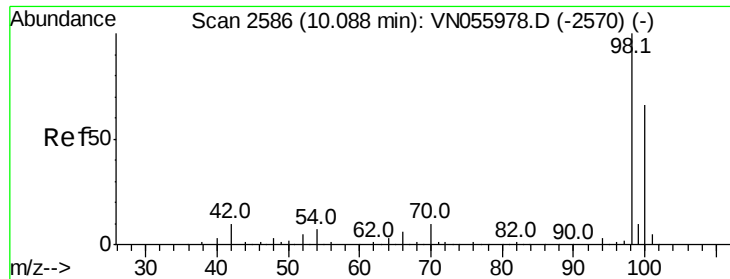


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.687 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056152.D

Acq: 8 Jun 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

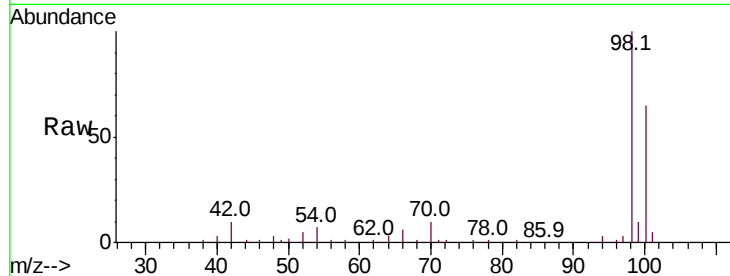
COMP-1

Tot Ion: 98 Resp: 603937

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

300000

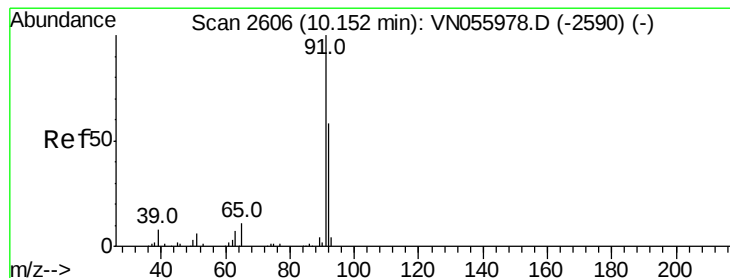
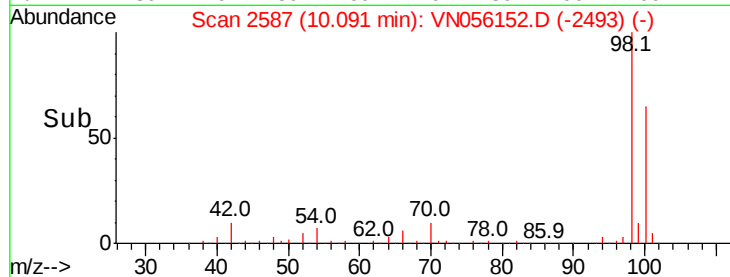
200000

100000

0

Time-->

10.00 10.10 10.20



#52

Toluene

Concen: 15.990 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056152.D

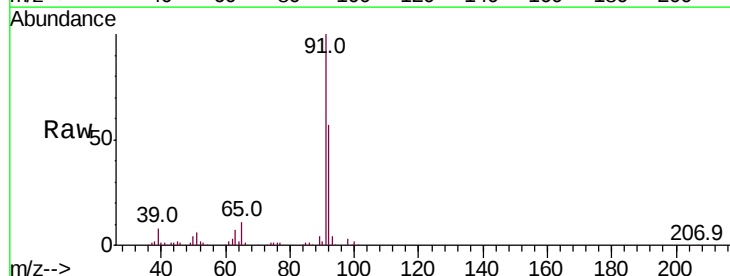
Acq: 8 Jun 2019 14:33

Tgt Ion: 92 Resp: 128608

Ion Ratio Lower Upper

92 100

91 175.2 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

10.16

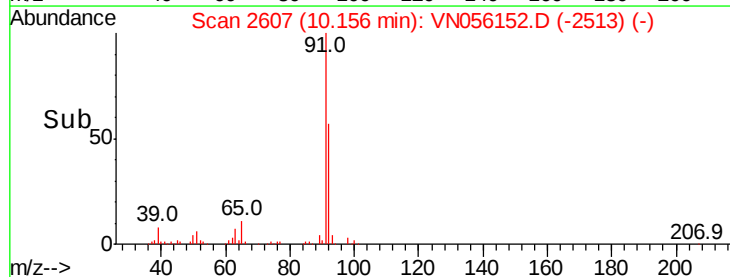
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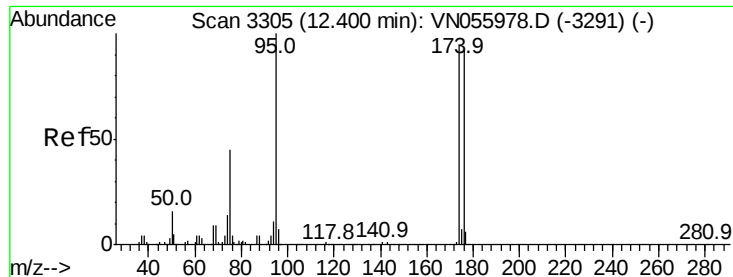
50000

0

Time-->

10.10 10.20

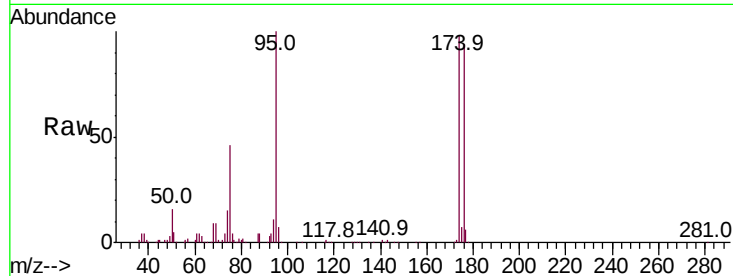




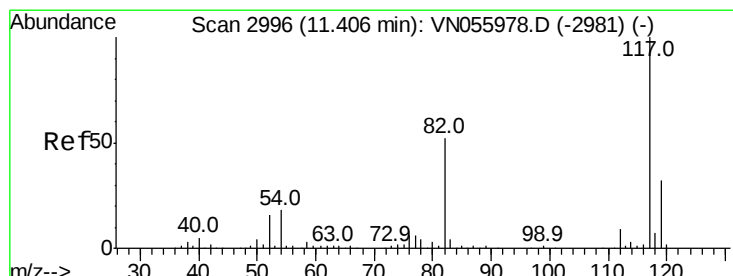
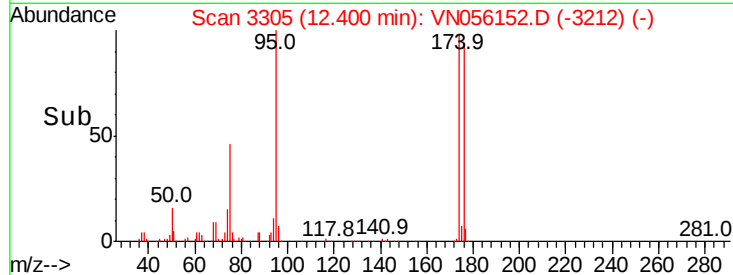
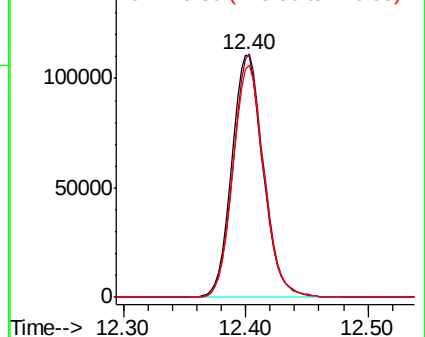
#62
4-Bromofluorobenzene
Concen: 49.751 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056152.D
Acq: 8 Jun 2019 14:33

Instrument :
MSVOA_N
ClientSampled :
COMP-1

Tot Ion: 95 Resp: 197688
Ion Ratio Lower Upper
95 100
174 98.3 0.0 191.0
176 94.6 0.0 185.2

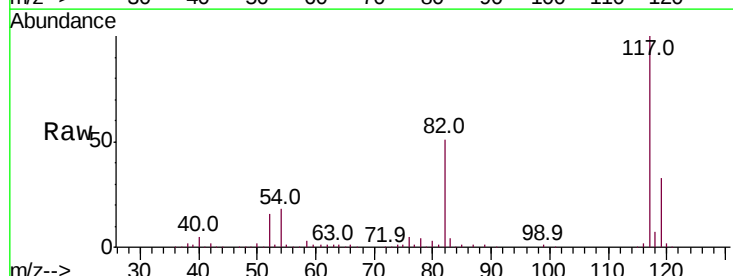


Abundance Ion 94.90 (94.60 to 95.60): VN0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

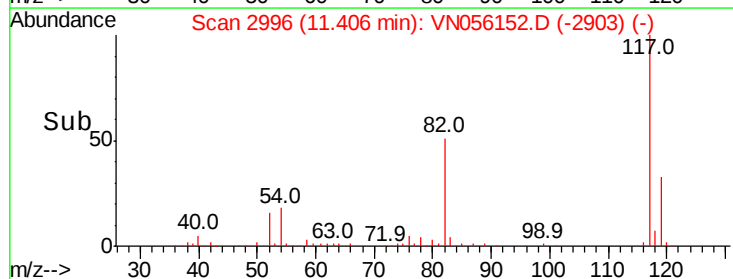
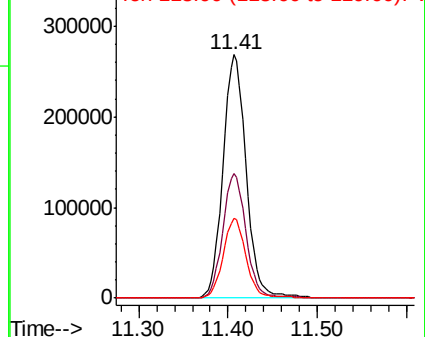


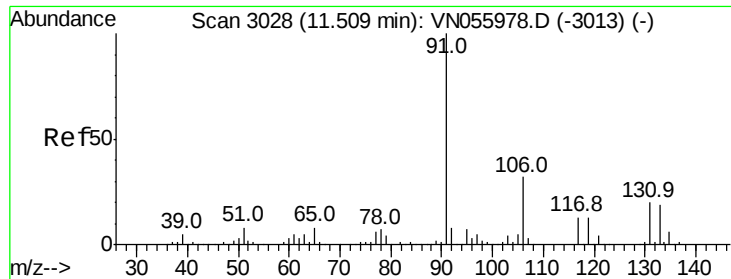
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056152.D
Acq: 8 Jun 2019 14:33

Tgt Ion: 117 Resp: 485259
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.8
119 33.0 25.4 38.0



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

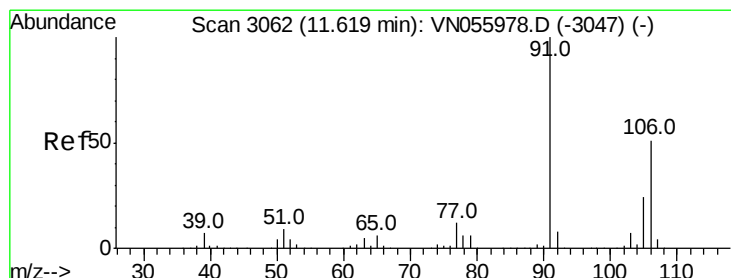
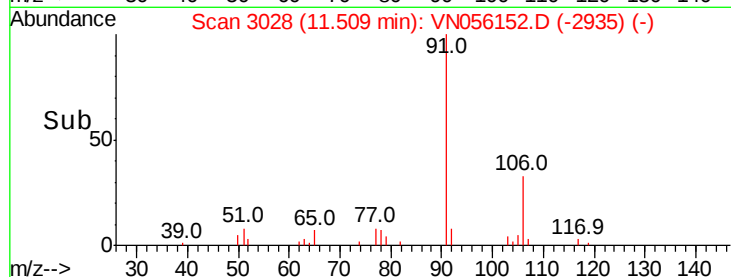
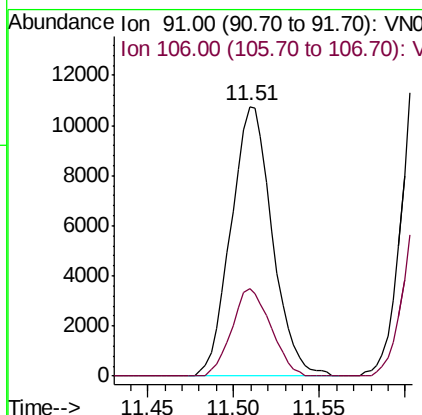
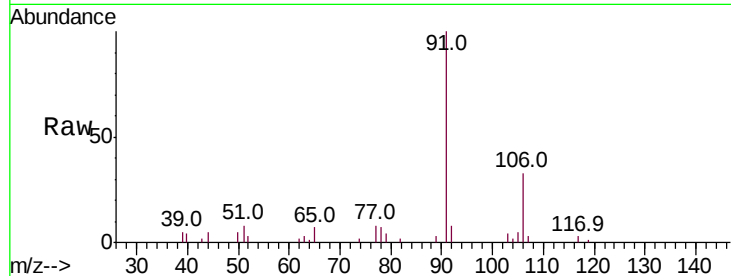




#67
Ethyl Benzene
Concen: 1.071 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056152.D
Acq: 8 Jun 2019 14:33

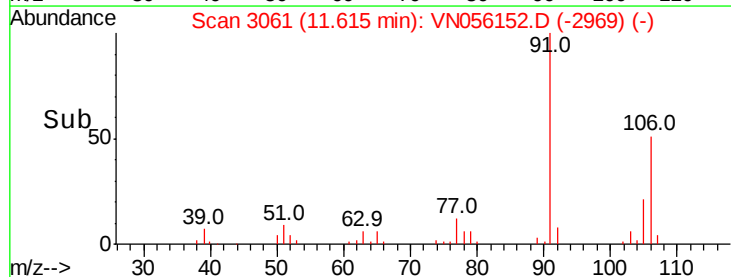
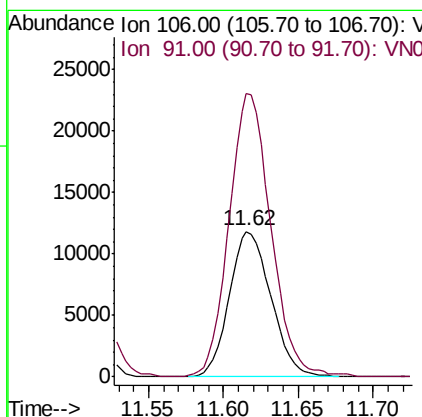
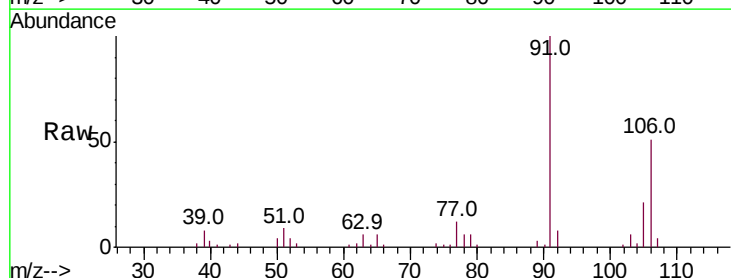
Instrument :
MSVOA_N
ClientSampled :
COMP-1

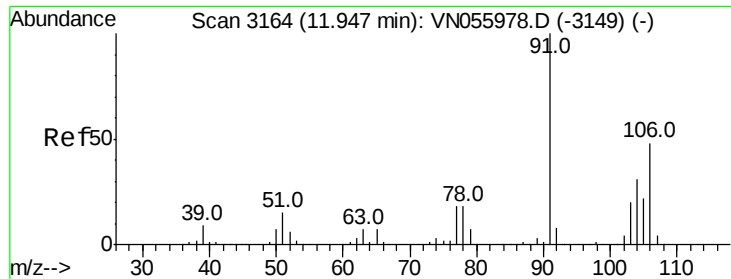
Tot Ion: 91 Resp: 17977
Ion Ratio Lower Upper
91 100
106 32.6 25.1 37.7



#68
m/p-Xylenes
Concen: 3.567 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN056152.D
Acq: 8 Jun 2019 14:33

Tgt Ion: 106 Resp: 22884
Ion Ratio Lower Upper
106 100
91 196.2 159.3 238.9

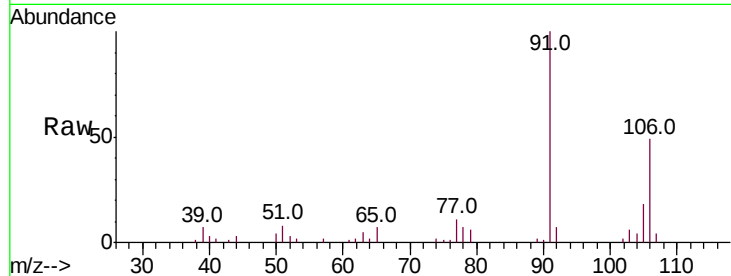




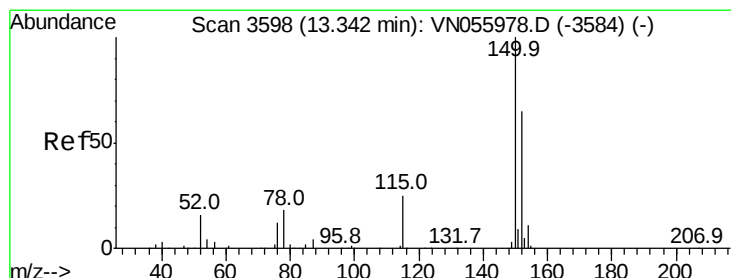
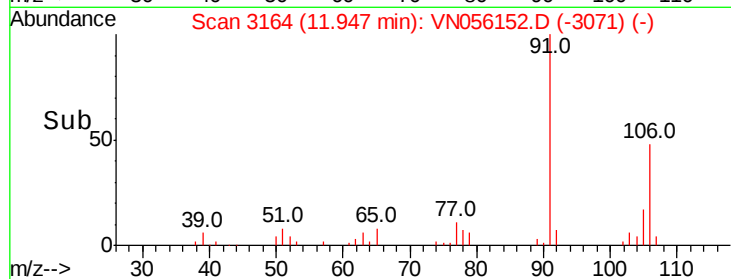
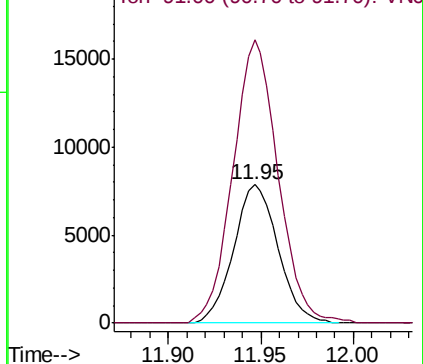
#69
o-Xylene
Concen: 2.074 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056152.D
Acq: 8 Jun 2019 14:33

Instrument :
MSVOA_N
ClientSampled :
COMP-1

Tot Ion:106 Resp: 13088
Ion Ratio Lower Upper
106 100
91 207.2 104.7 314.1

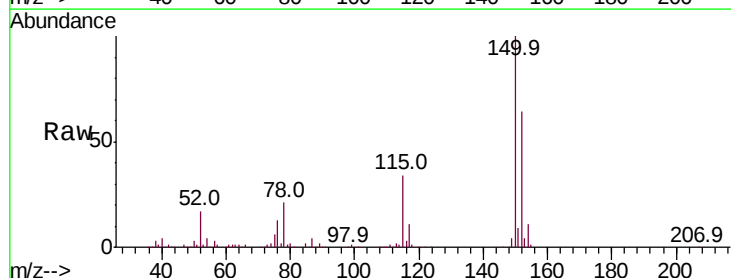


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

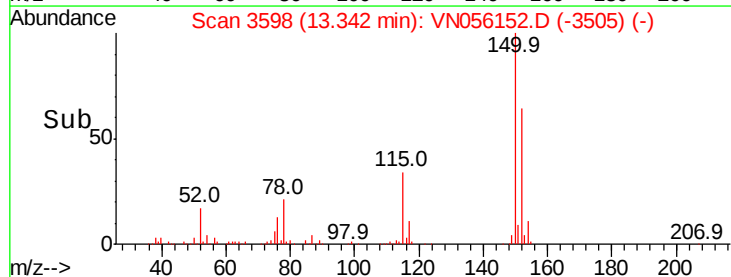
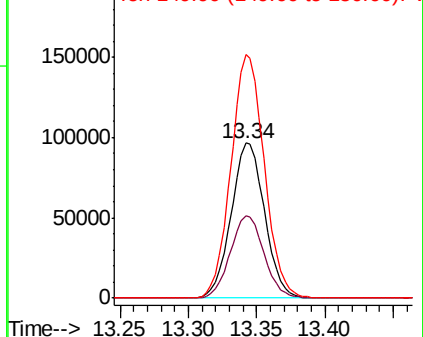


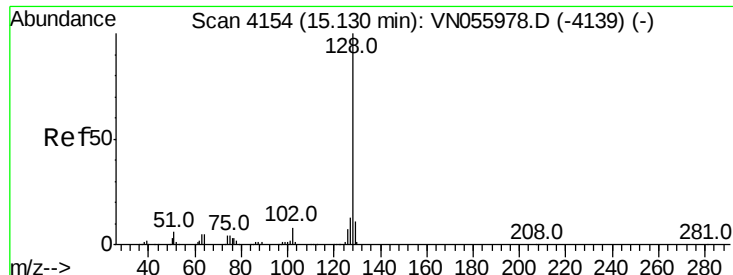
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056152.D
Acq: 8 Jun 2019 14:33

Tgt Ion:152 Resp: 164228
Ion Ratio Lower Upper
152 100
115 53.4 27.0 81.0
150 156.7 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: 5.156 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056152.D

Acq: 8 Jun 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

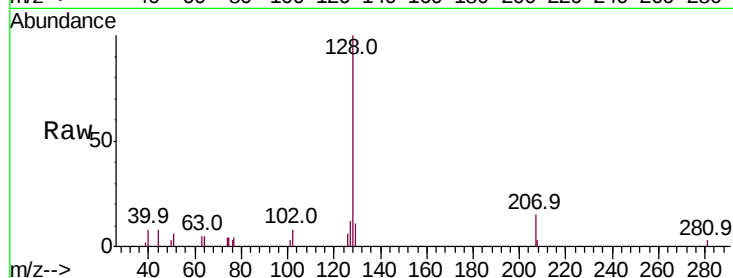
Tot Ion:128 Resp: 11107

Ion Ratio Lower Upper

128 100

127 11.6 10.3 15.5

129 10.0 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

