

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056143.D
 Acq On : 8 Jun 2019 10:47
 Operator : JC/SP
 Sample : K3225-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-GMZ5-ER1

Quant Time: Jun 10 02:21:50 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

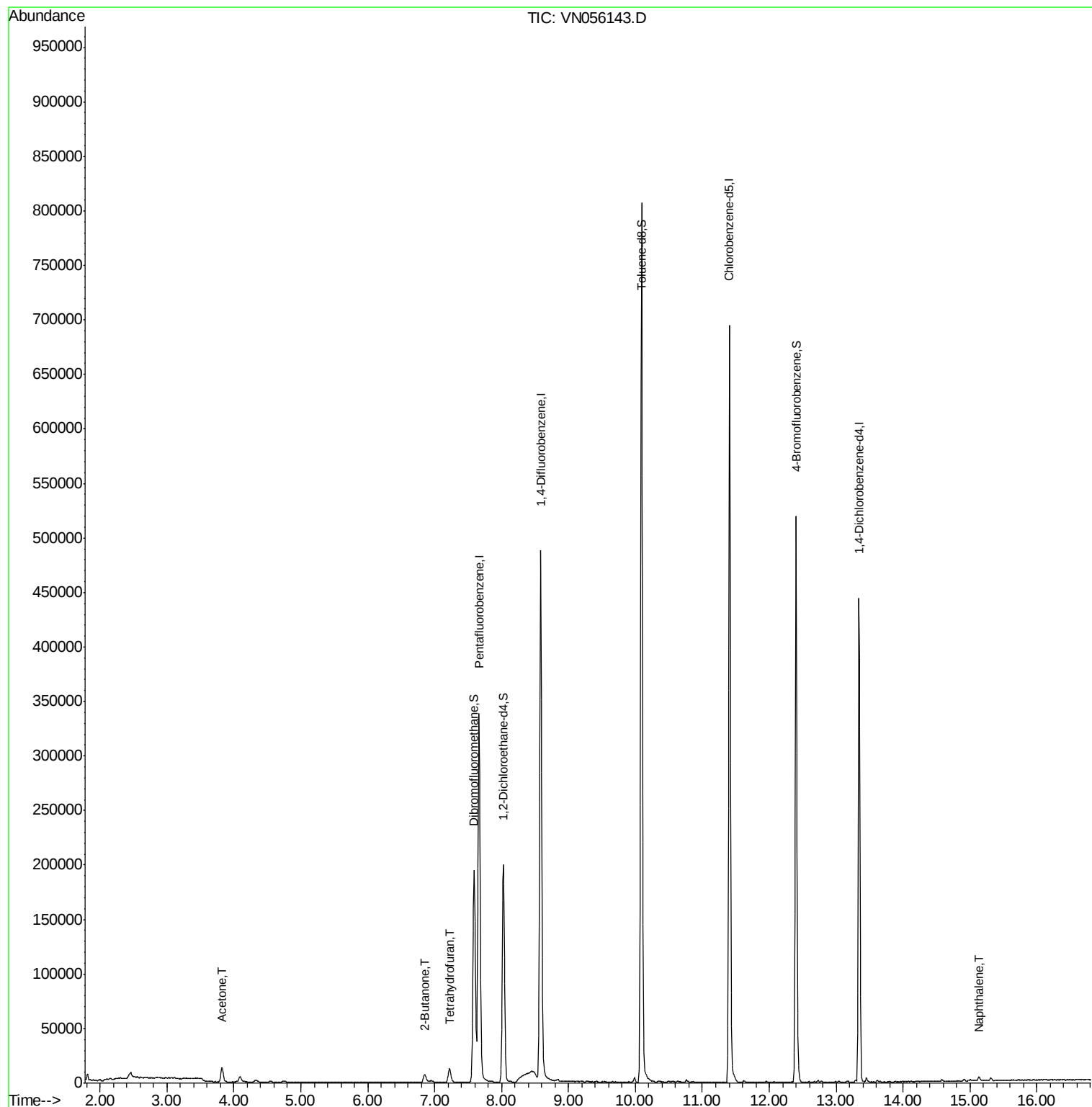
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	322215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	482869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	454921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	170269	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	7.59	113	150476	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	10.09	98	612826	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
62) 4-Bromofluorobenzene	12.40	95	185732	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
16) Acetone	3.82	43	22989	15.024	ug/l	96
25) 2-Butanone	6.85	43	13908	7.194	ug/l	98
29) Tetrahydrofuran	7.22	42	11166	9.344	ug/l	96
95) Naphthalene	15.13	128	3950	4.407	ug/l #	95

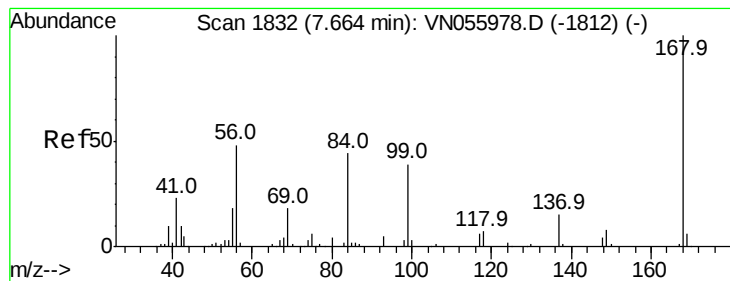
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060819\
Data File : VN056143.D
Acq On : 8 Jun 2019 10:47
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Quant Time: Jun 10 02:21:50 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# 1832

Delta R.T. -0.00 min

Lab File: VN056143.D

Acq: 8 Jun 2019 10:47

Instrument :

MSVOA_N

ClientSampled :

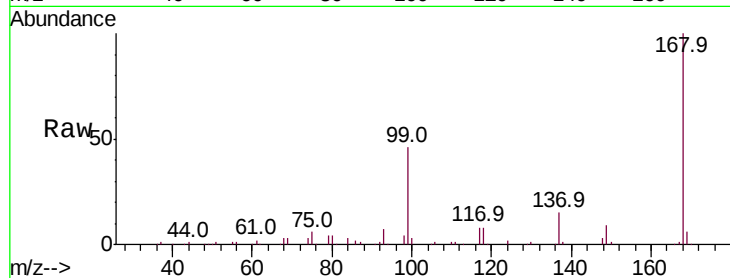
SP19-GMZ5-ER1

Tot Ion:168 Resp: 322215

Ion Ratio Lower Upper

168 100

99 45.7 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

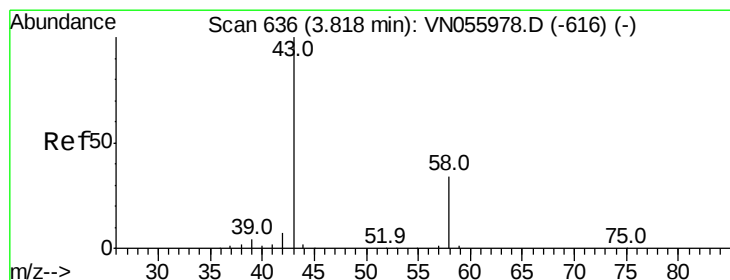
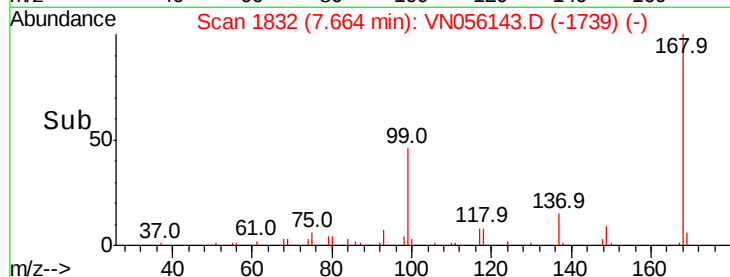
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 15.024 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056143.D

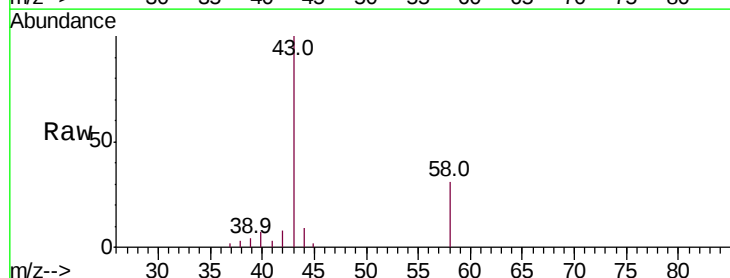
Acq: 8 Jun 2019 10:47

Tgt Ion: 43 Resp: 22989

Ion Ratio Lower Upper

43 100

58 30.8 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

10000

8000

6000

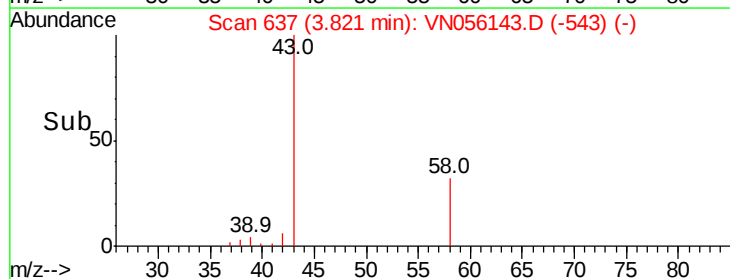
4000

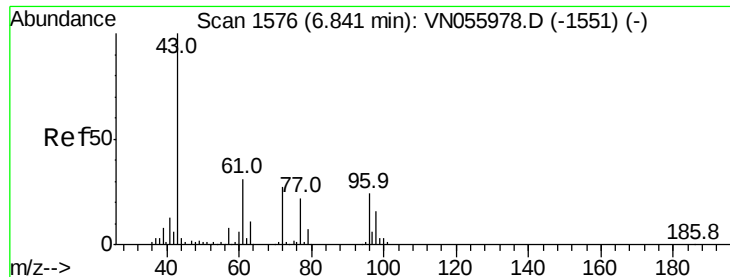
2000

0

3.70 3.80 3.90

Time-->

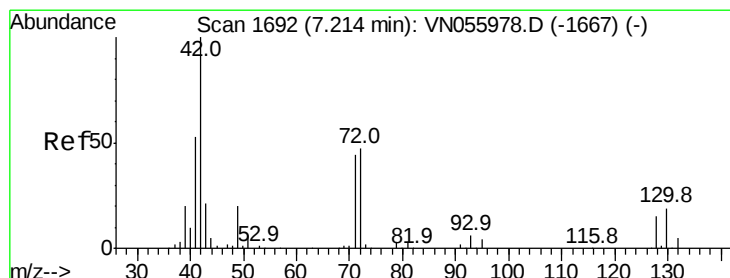
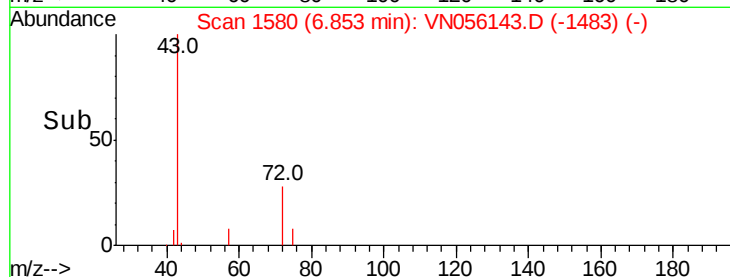
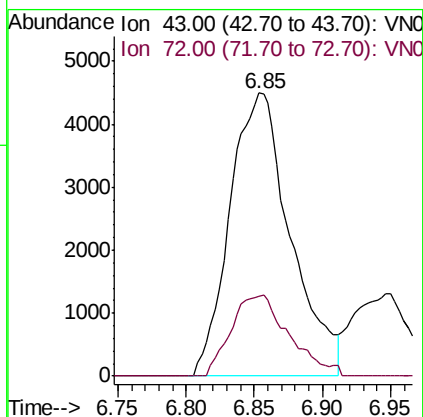
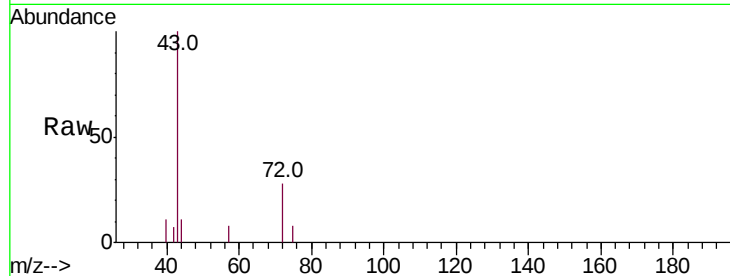




#25
2-Butanone
Concen: 7.194 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN056143.D
Acq: 8 Jun 2019 10:47

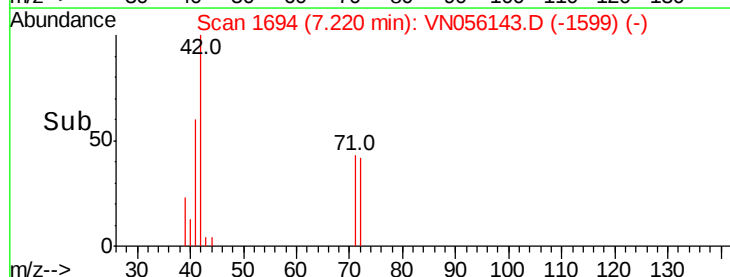
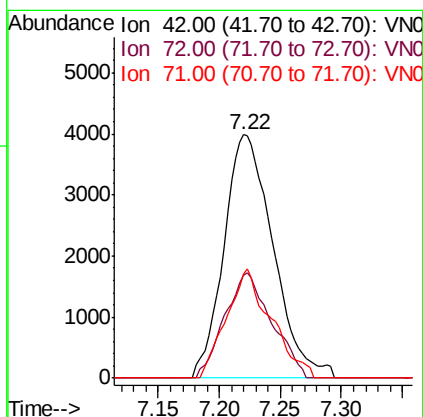
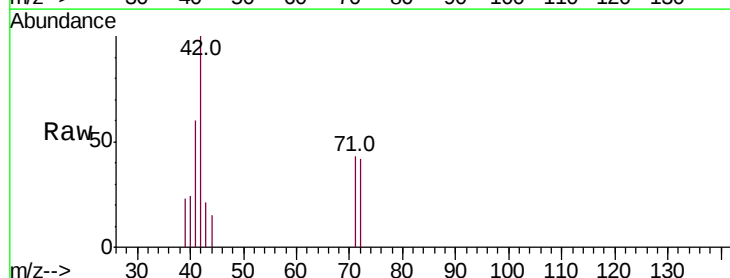
Instrument :
MSVOA_N
ClientSampleId :
SP19-GMZ5-ER1

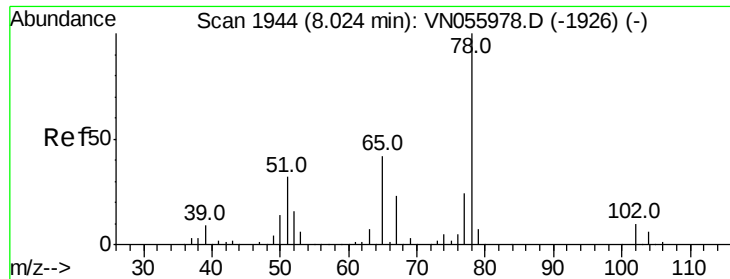
Tot Ion: 43 Resp: 13908
Ion Ratio Lower Upper
43 100
72 28.2 21.9 32.9



#29
Tetrahydrofuran
Concen: 9.344 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN056143.D
Acq: 8 Jun 2019 10:47

Tgt Ion: 42 Resp: 11166
Ion Ratio Lower Upper
42 100
72 41.3 35.9 53.9
71 40.8 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 53.220 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056143.D

Acq: 8 Jun 2019 10:47

Instrument :

MSVOA_N

ClientSampleId :

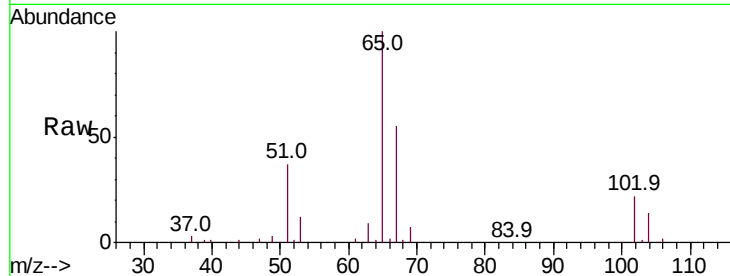
SP19-GMZ5-ER1

Tot Ion: 65 Resp: 170269

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

8.03

80000

60000

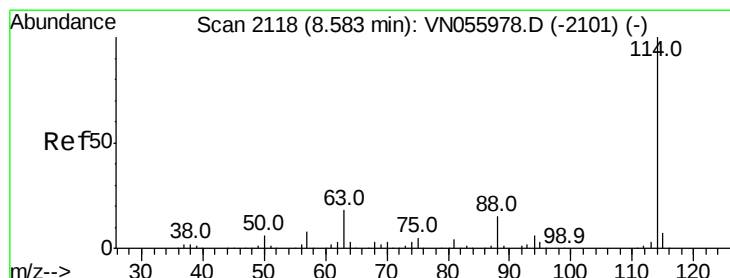
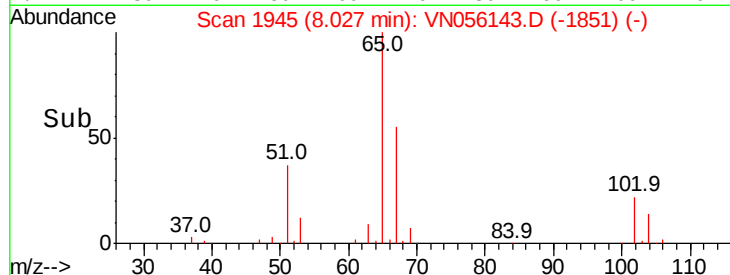
40000

20000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056143.D

Acq: 8 Jun 2019 10:47

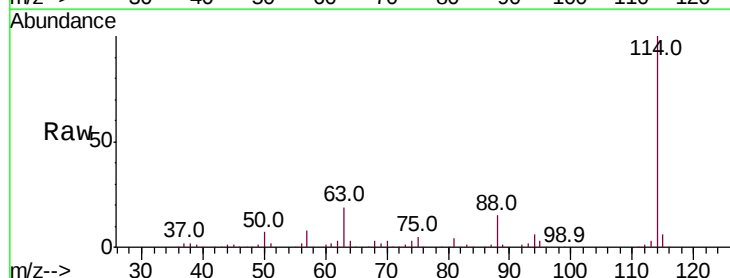
Tgt Ion: 114 Resp: 482869

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN055978.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055978.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055978.D (-2101) (-)

8.59

300000

250000

200000

150000

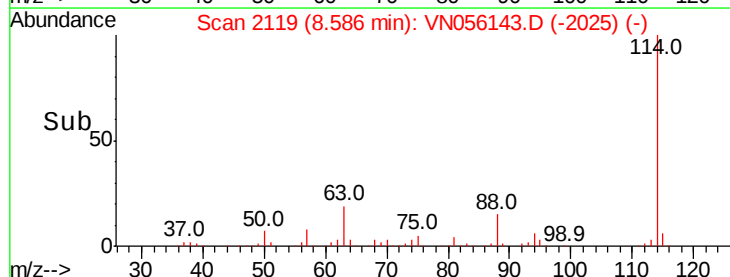
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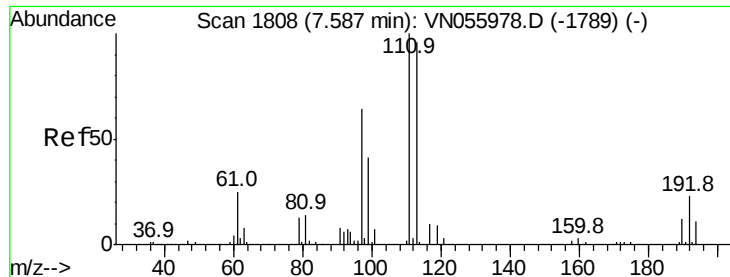
50000

0

8.50 8.60 8.70 8.80

Time-->

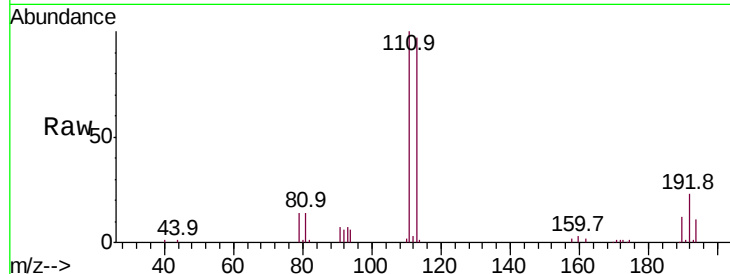




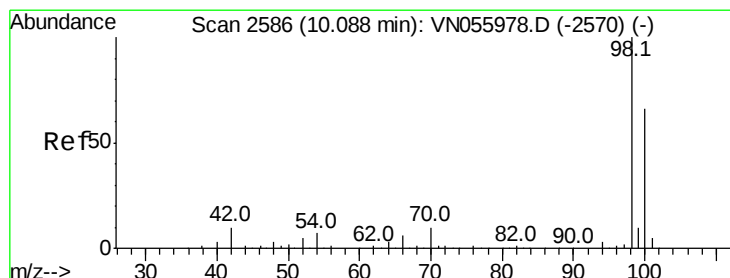
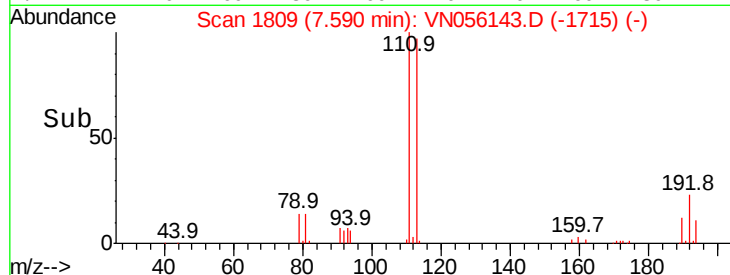
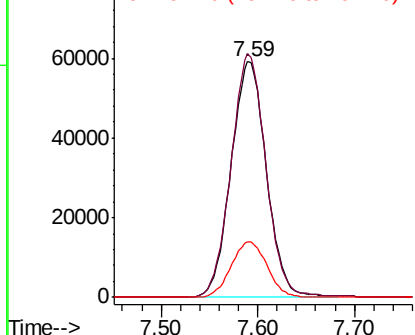
#35
Dibromofluoromethane
Concen: 50.793 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056143.D
Acq: 8 Jun 2019 10:47

Instrument :
MSVOA_N
ClientSampleId :
SP19-GMZ5-ER1

Tot Ion:113 Resp: 150476
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 23.9 19.5 29.3

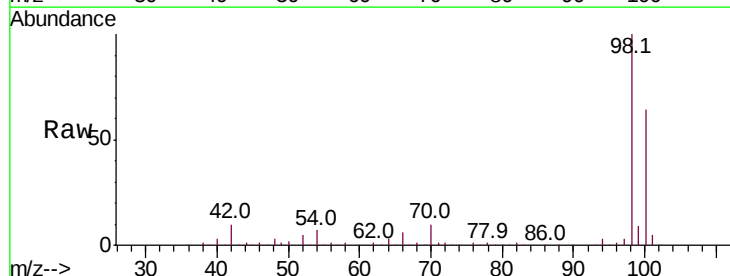


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

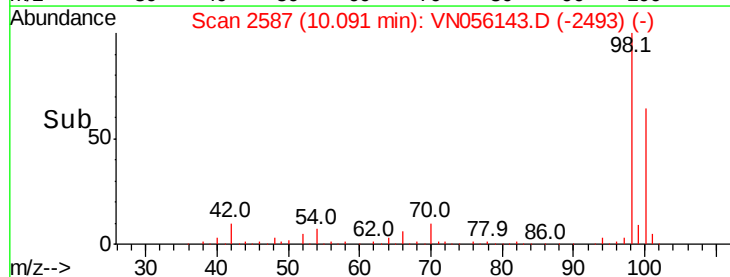
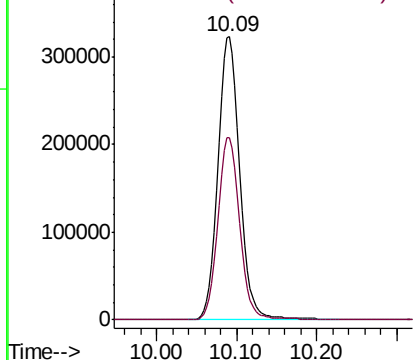


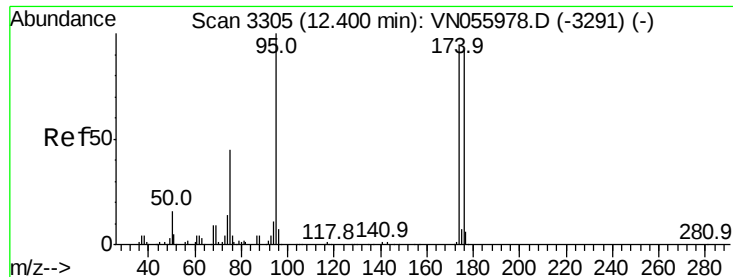
#50
Toluene-d8
Concen: 53.757 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056143.D
Acq: 8 Jun 2019 10:47

Tgt Ion: 98 Resp: 612826
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



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

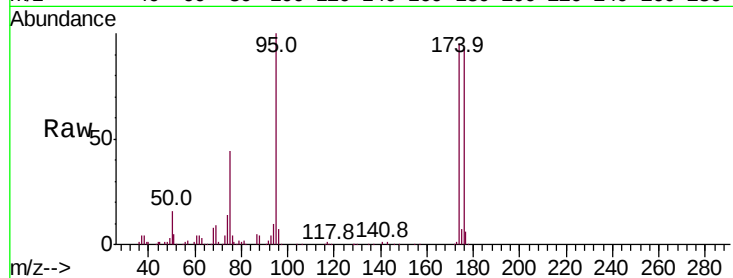




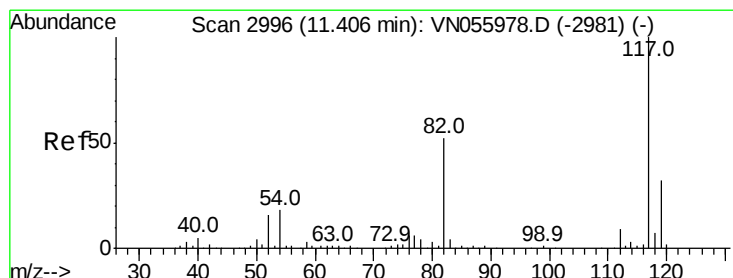
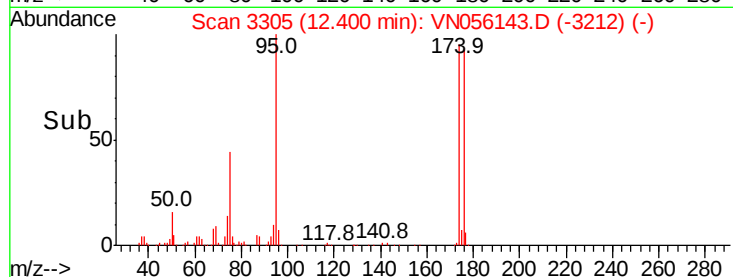
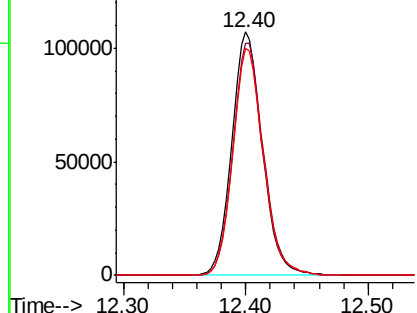
#62
4-Bromofluorobenzene
Concen: 47.908 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056143.D
Acq: 8 Jun 2019 10:47

Instrument :
MSVOA_N
ClientSampleId :
SP19-GMZ5-ER1

Tot Ion: 95 Resp: 185732
Ion Ratio Lower Upper
95 100
174 96.1 0.0 191.0
176 93.1 0.0 185.2

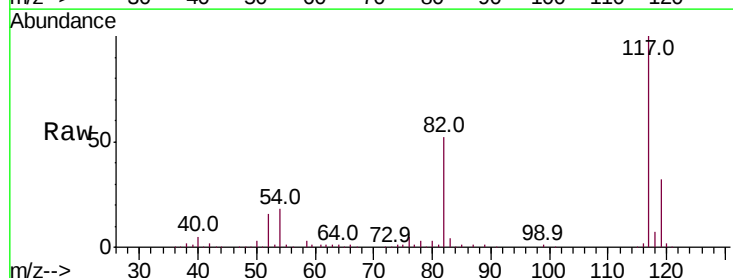


Abundance Ion 94.90 (94.60 to 95.60): VN0
Ion 173.80 (173.50 to 174.50): VN0
Ion 175.80 (175.50 to 176.50): VN0

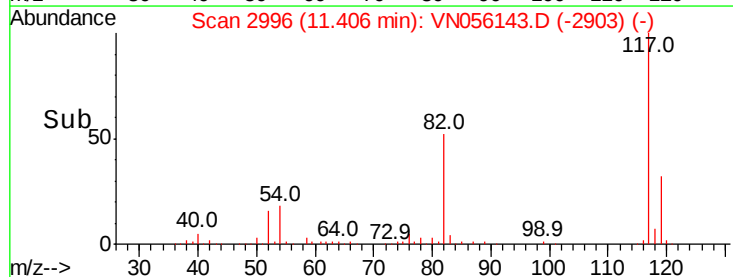
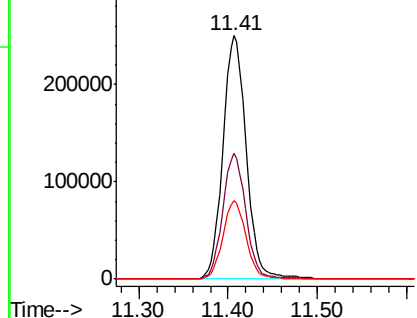


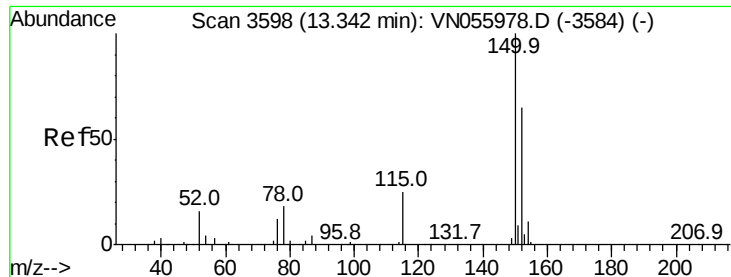
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056143.D
Acq: 8 Jun 2019 10:47

Tgt Ion: 117 Resp: 454921
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.3 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VN0
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056143.D

Acq: 8 Jun 2019 10:47

Instrument :

MSVOA_N

ClientSampleId :

SP19-GMZ5-ER1

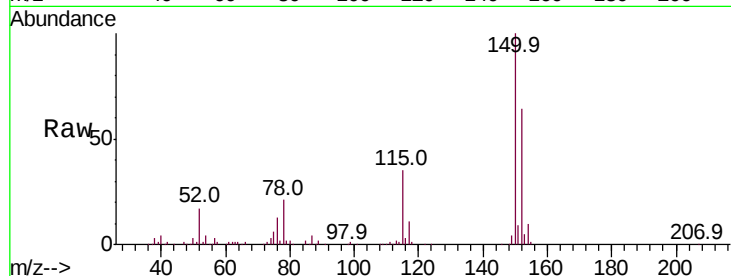
Tot Ion:152 Resp: 137150

Ion Ratio Lower Upper

152 100

115 53.4 27.0 81.0

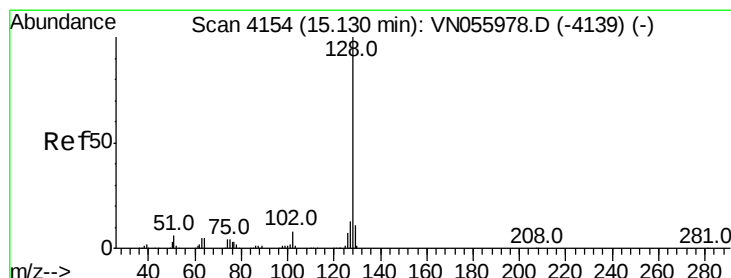
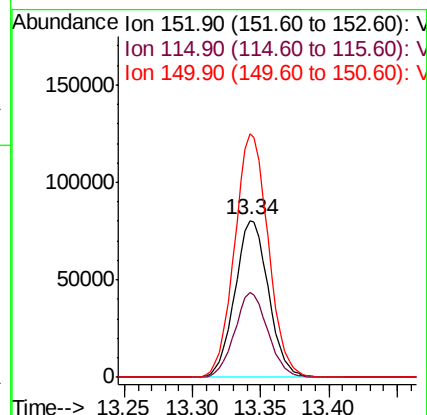
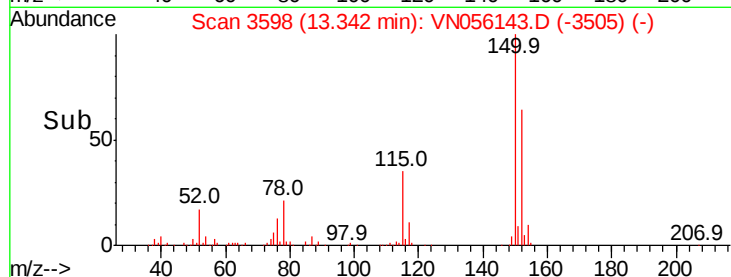
150 155.9 0.0 343.2



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: 4.407 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056143.D

Acq: 8 Jun 2019 10:47

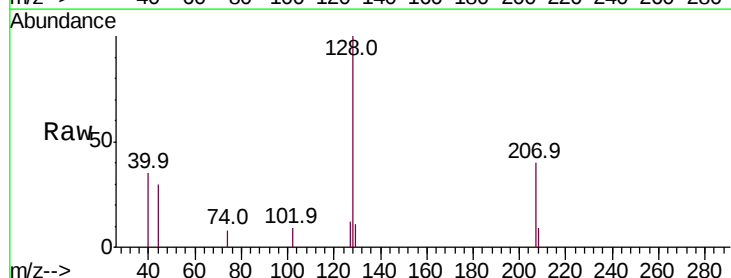
Tgt Ion:128 Resp: 3950

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 7.3 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

