

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042319\
 Data File : VN055209.D
 Acq On : 23 Apr 2019 16:29
 Operator : JC/SP
 Sample : K2518-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MUDDY-BAGS

Quant Time: Apr 24 04:31:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

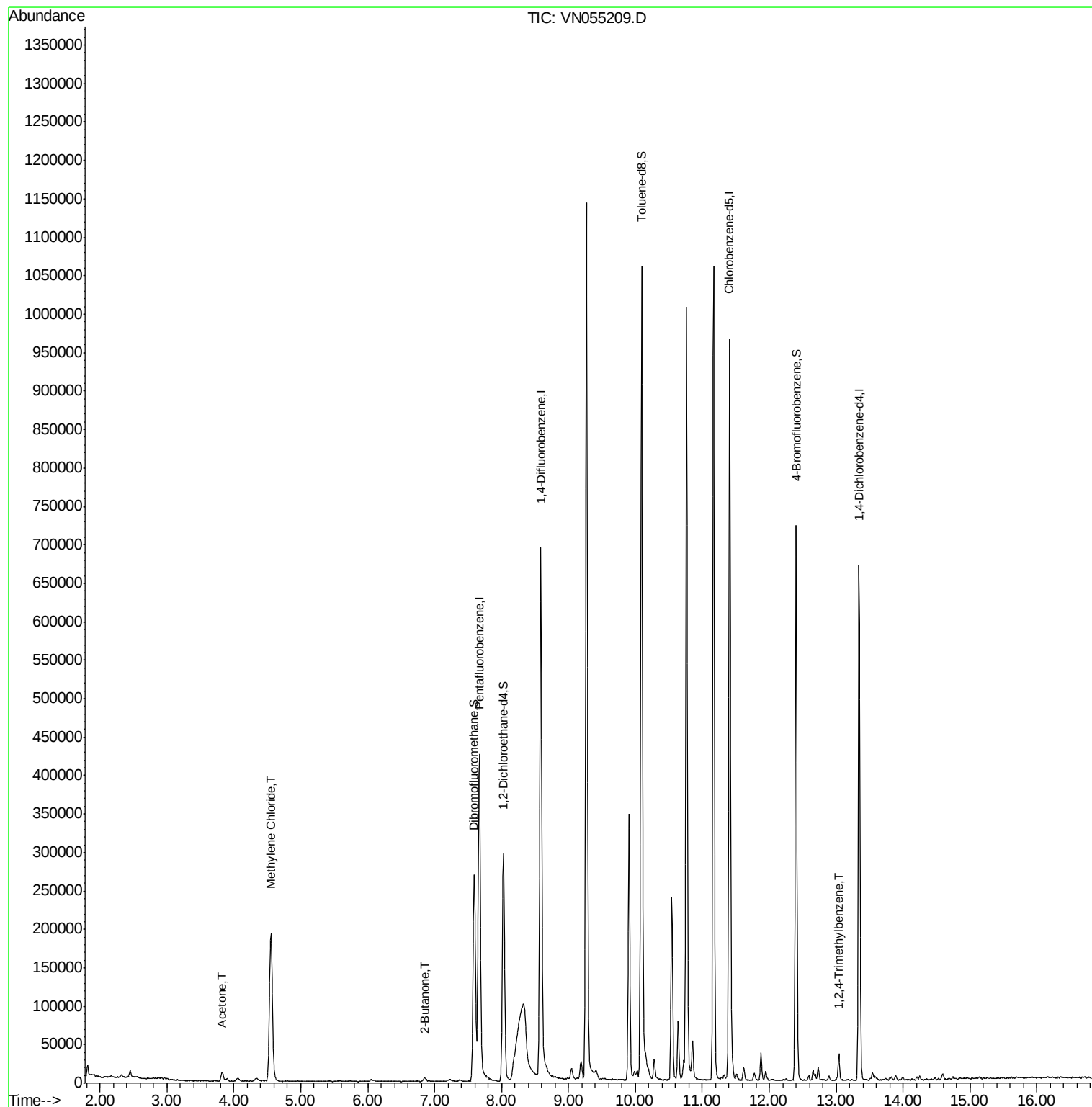
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	357389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	633506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	578042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	253333	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
35) Dibromofluoromethane	7.59	113	205262	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	10.09	98	774183	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	247716	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
Target Compounds						
16) Acetone	3.82	43	20018	12.518	ug/l	99
20) Methylene Chloride	4.55	84	137822	29.979	ug/l	96
25) 2-Butanone	6.85	43	8428	4.082	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	19943	1.563	ug/l	93

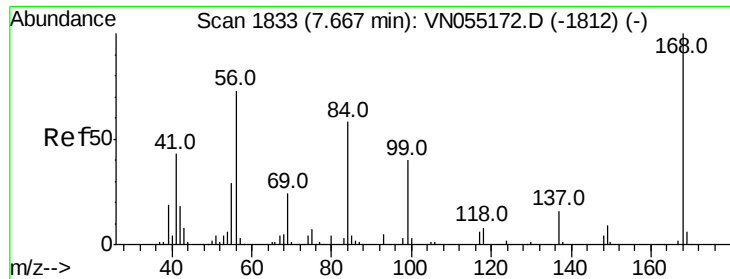
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042319\
Data File : VN055209.D
Acq On : 23 Apr 2019 16:29
Operator : JC/SP
Sample : K2518-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MUDDY-BAGS

Quant Time: Apr 24 04:31:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

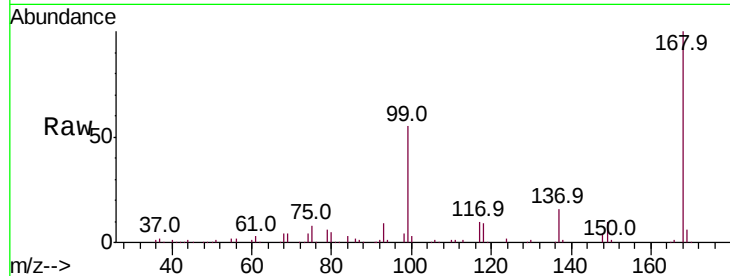
MUDDY-BAGS

Tot Ion:168 Resp: 357389

Ion Ratio Lower Upper

168 100

99 55.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

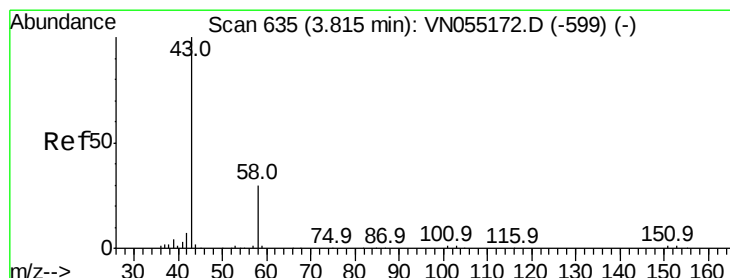
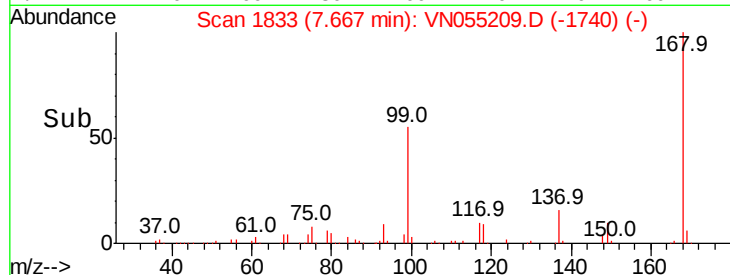
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.518 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055209.D

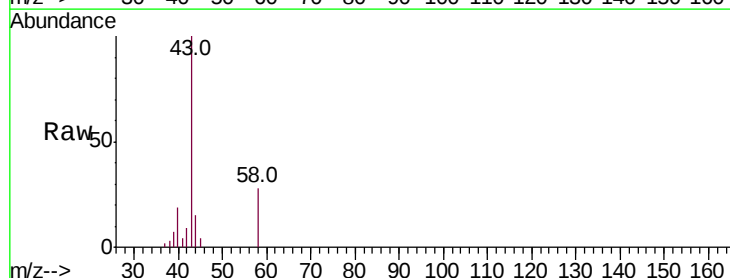
Acq: 23 Apr 2019 16:29

Tgt Ion: 43 Resp: 20018

Ion Ratio Lower Upper

43 100

58 29.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-599) (-)

3.82

8000

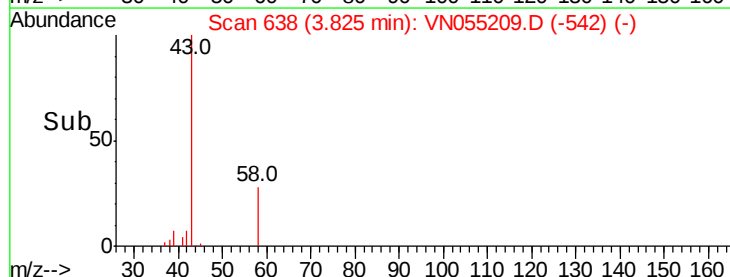
6000

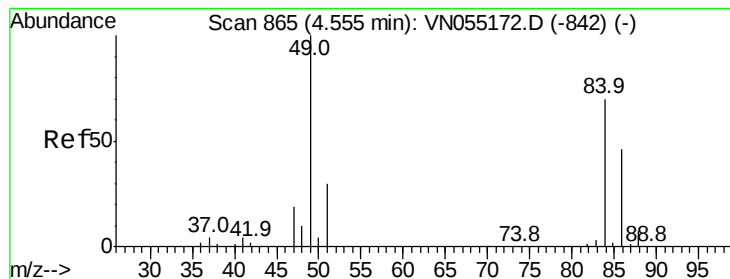
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 29.979 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

MUDDY-BAGS

Tot Ion: 84 Resp: 137822

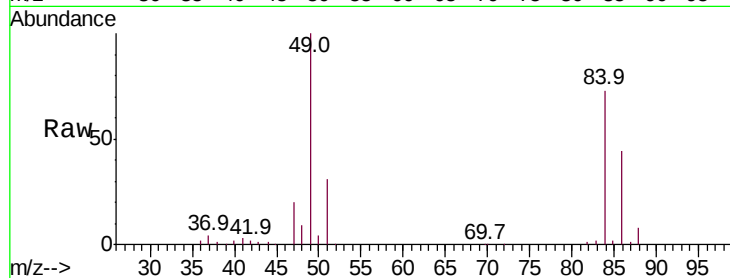
Ion Ratio Lower Upper

84 100

49 136.9 113.8 170.6

51 43.2 34.0 51.0

86 60.5 52.3 78.5

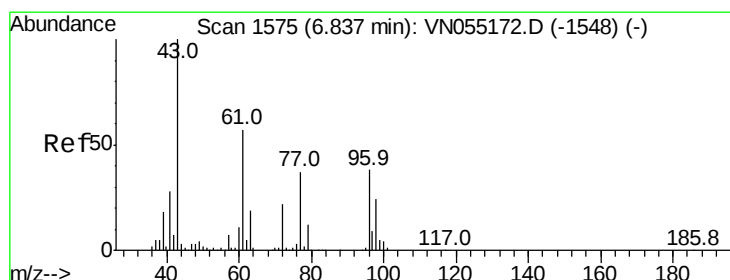
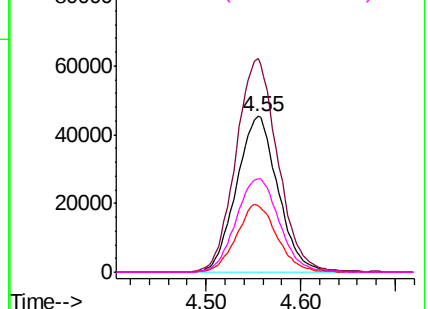
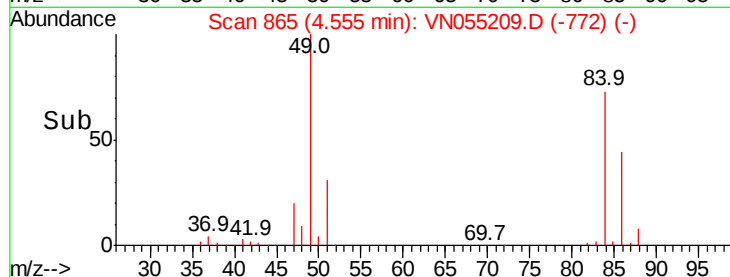


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25

2-Butanone

Concen: 4.082 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN055209.D

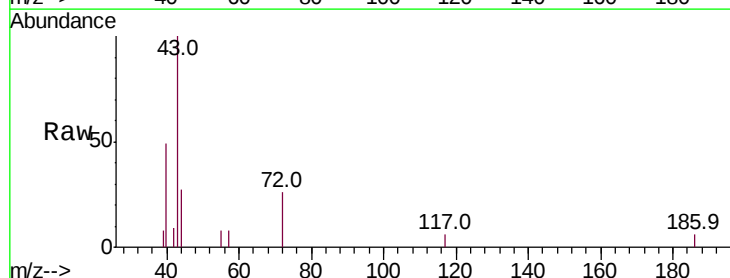
Acq: 23 Apr 2019 16:29

Tgt Ion: 43 Resp: 8428

Ion Ratio Lower Upper

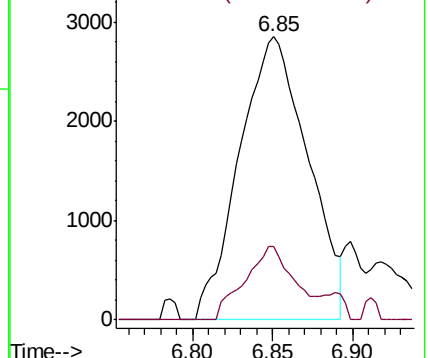
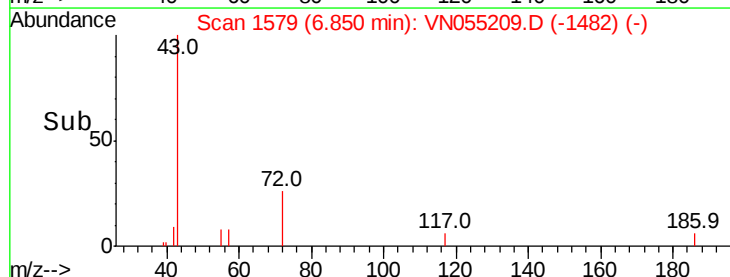
43 100

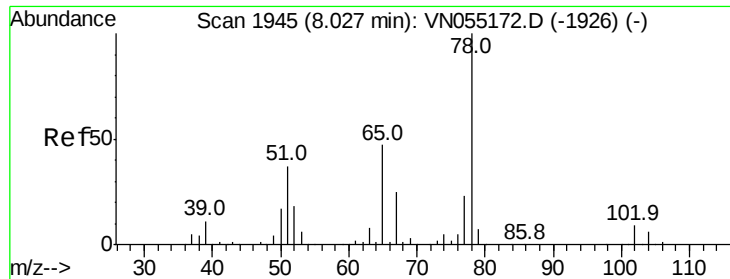
72 26.1 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 52.370 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

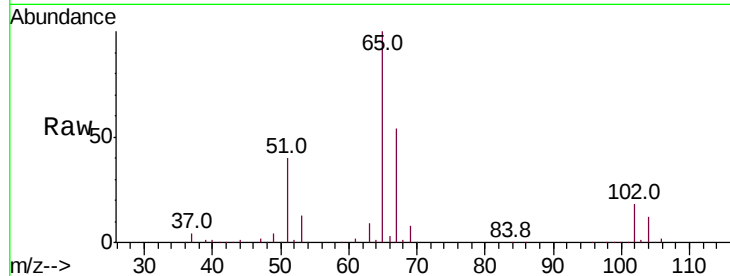
MUDDY-BAGS

Tot Ion: 65 Resp: 253333

Ion Ratio Lower Upper

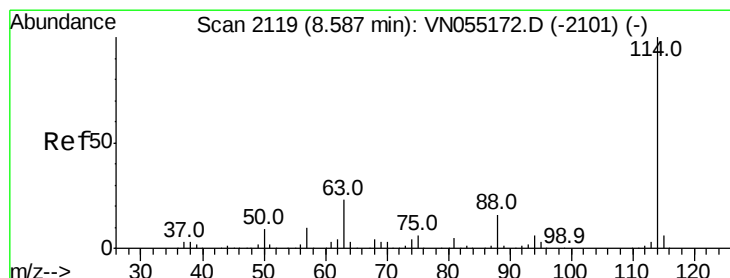
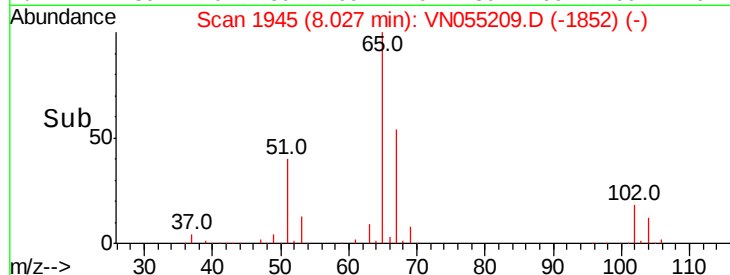
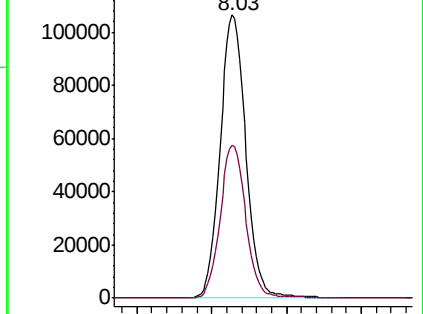
65 100

67 53.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055172.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055172.D (-1926) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

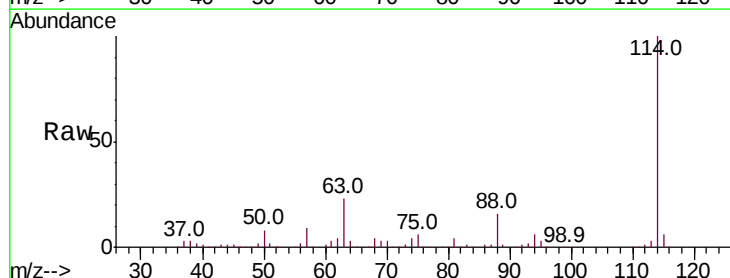
Tgt Ion:114 Resp: 633506

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

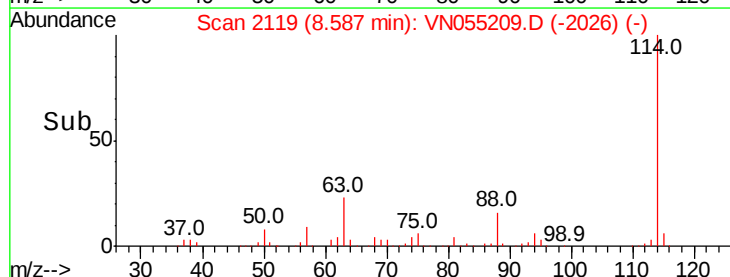
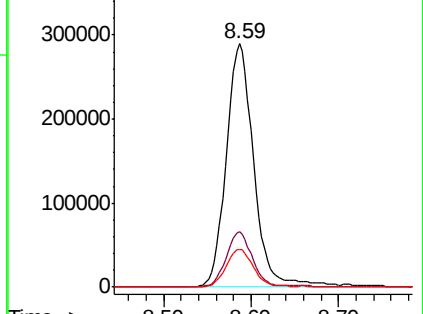
88 15.6 0.0 32.8

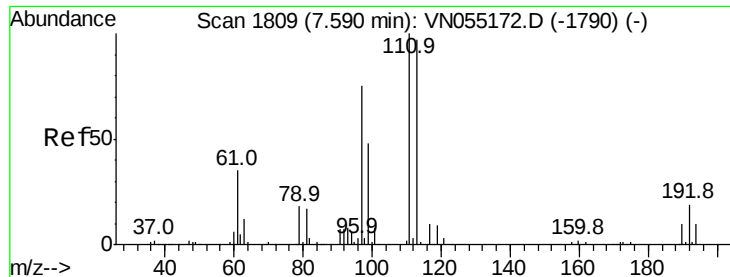


Abundance Ion 113.90 (113.60 to 114.60): VN055172.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055172.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055172.D (-2101) (-)





#35

Dibromofluoromethane

Concen: 47.694 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

MUDDY-BAGS

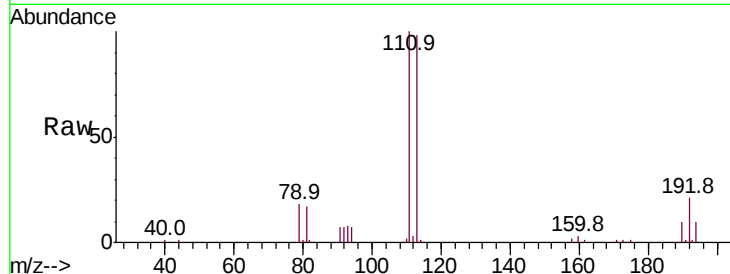
Tot Ion:113 Resp: 205262

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

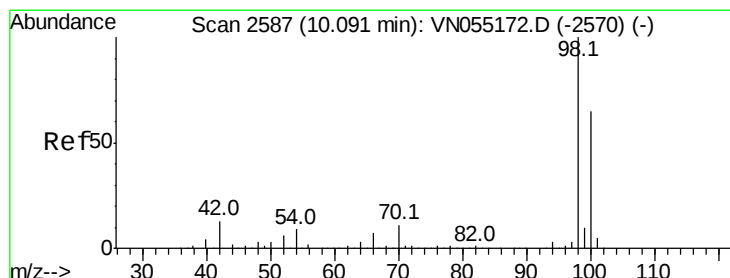
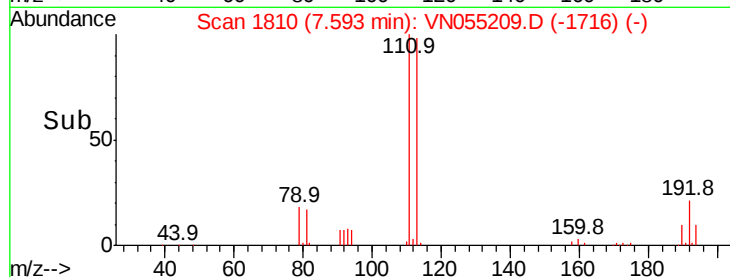
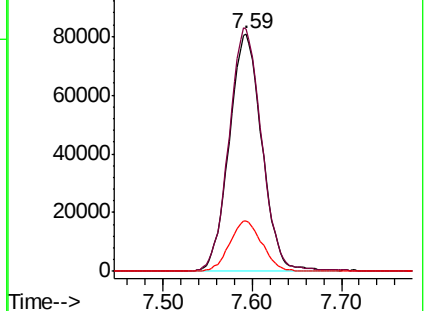
192 20.9 16.2 24.4



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: 48.551 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055209.D

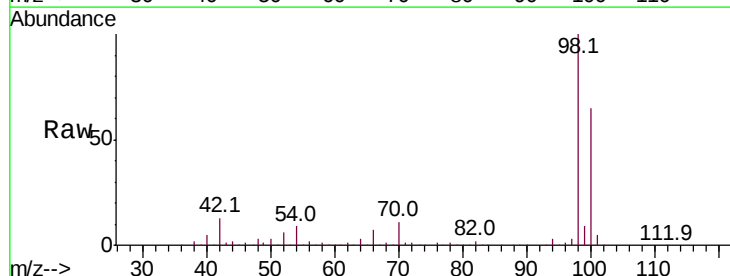
Acq: 23 Apr 2019 16:29

Tgt Ion: 98 Resp: 774183

Ion Ratio Lower Upper

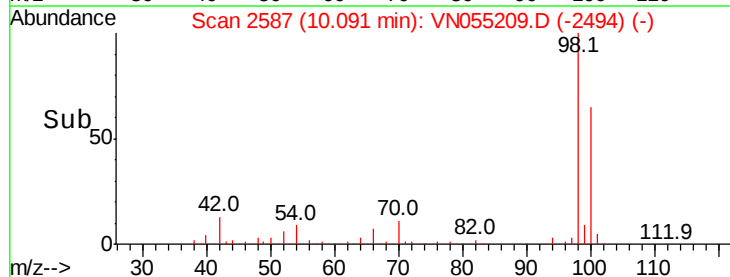
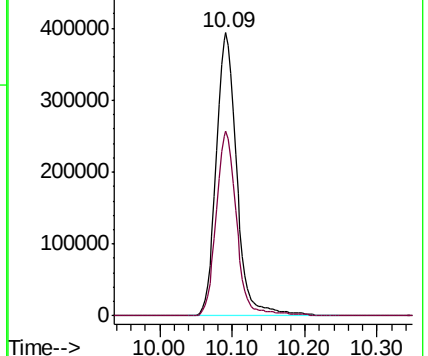
98 100

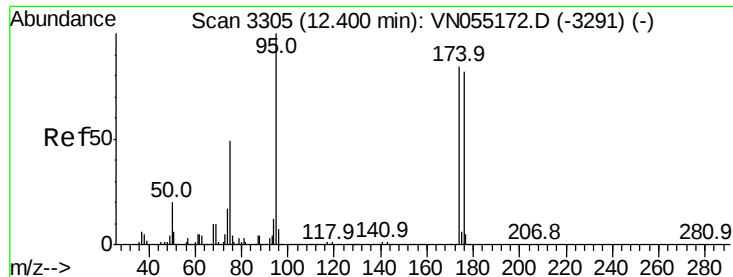
100 64.8 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 49.056 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

MUDDY-BAGS

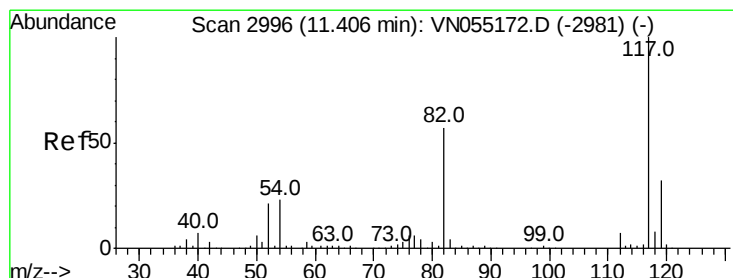
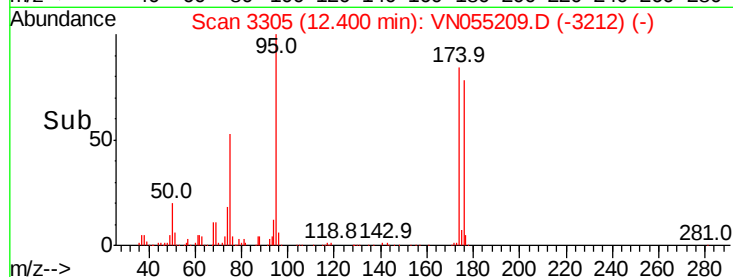
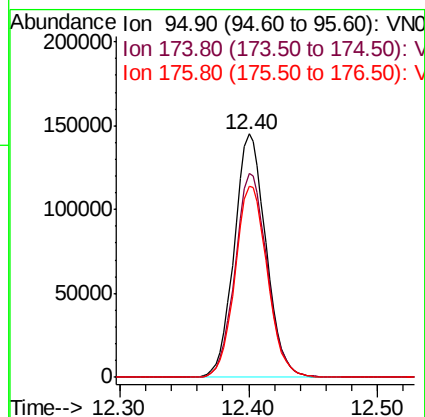
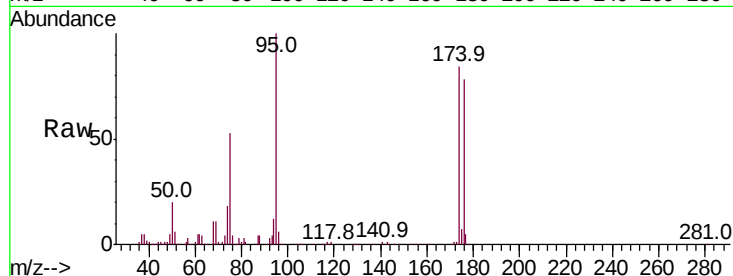
Tot Ion: 95 Resp: 247716

Ion Ratio Lower Upper

95 100

174 84.7 0.0 168.4

176 79.9 0.0 164.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

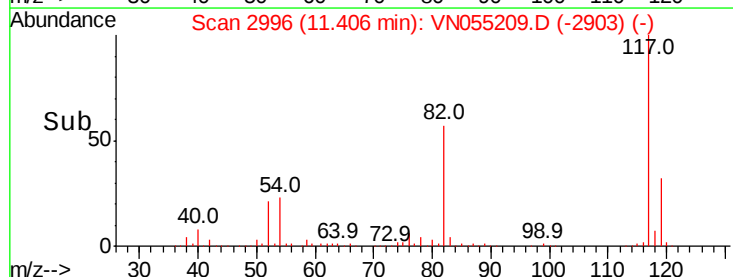
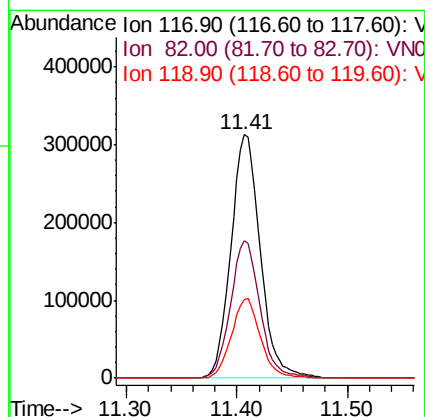
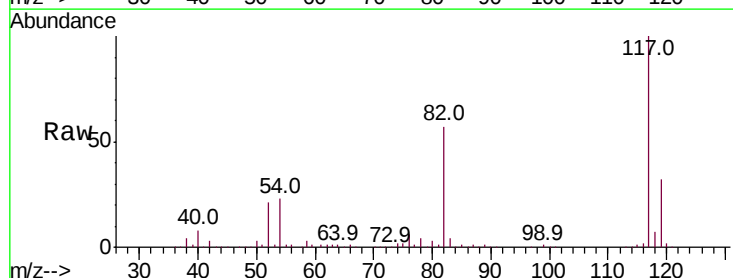
Tgt Ion: 117 Resp: 578042

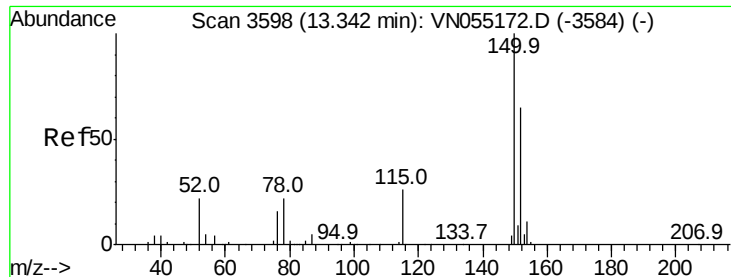
Ion Ratio Lower Upper

117 100

82 56.6 45.7 68.5

119 32.4 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

MUDDY-BAGS

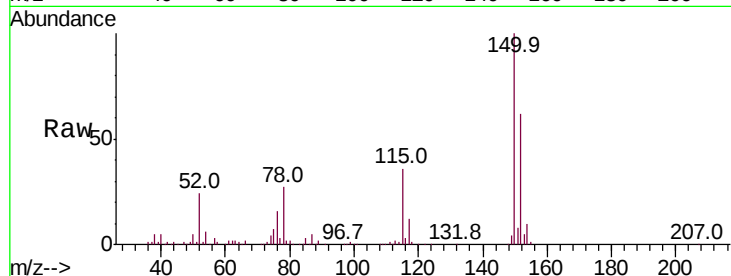
Tot Ion:152 Resp: 180581

Ion Ratio Lower Upper

152 100

115 58.9 28.9 86.7

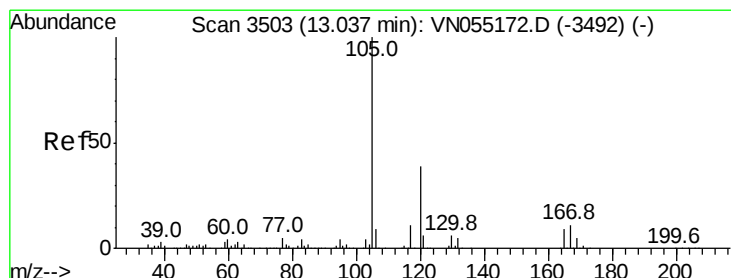
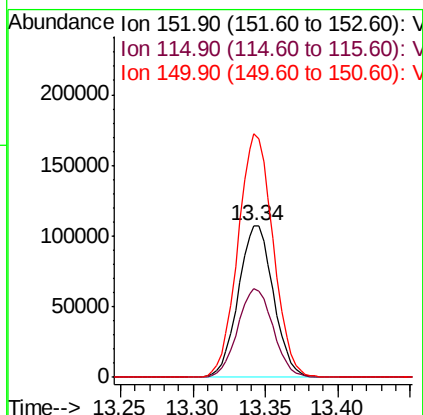
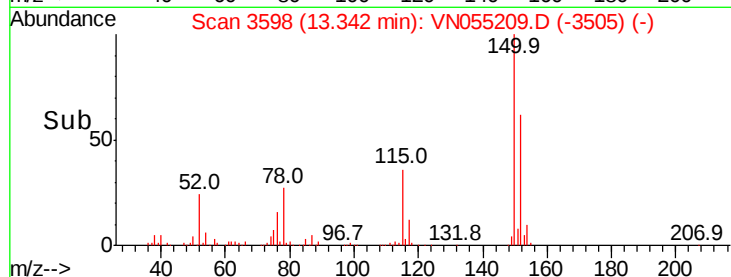
150 160.6 0.0 346.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.563 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055209.D

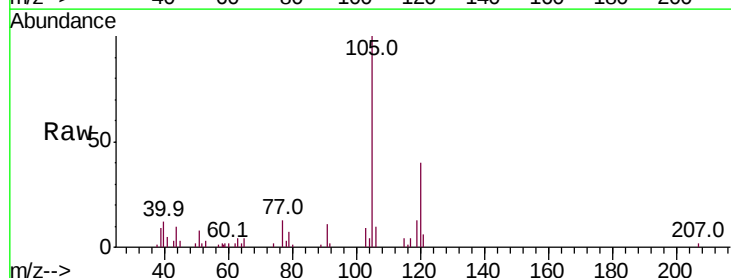
Acq: 23 Apr 2019 16:29

Tgt Ion:105 Resp: 19943

Ion Ratio Lower Upper

105 100

120 40.6 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

