

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051577.D
 Acq On : 27 Sep 2018 12:14
 Operator : MD\SY
 Sample : J5069-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-A

Quant Time: Sep 27 14:43:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

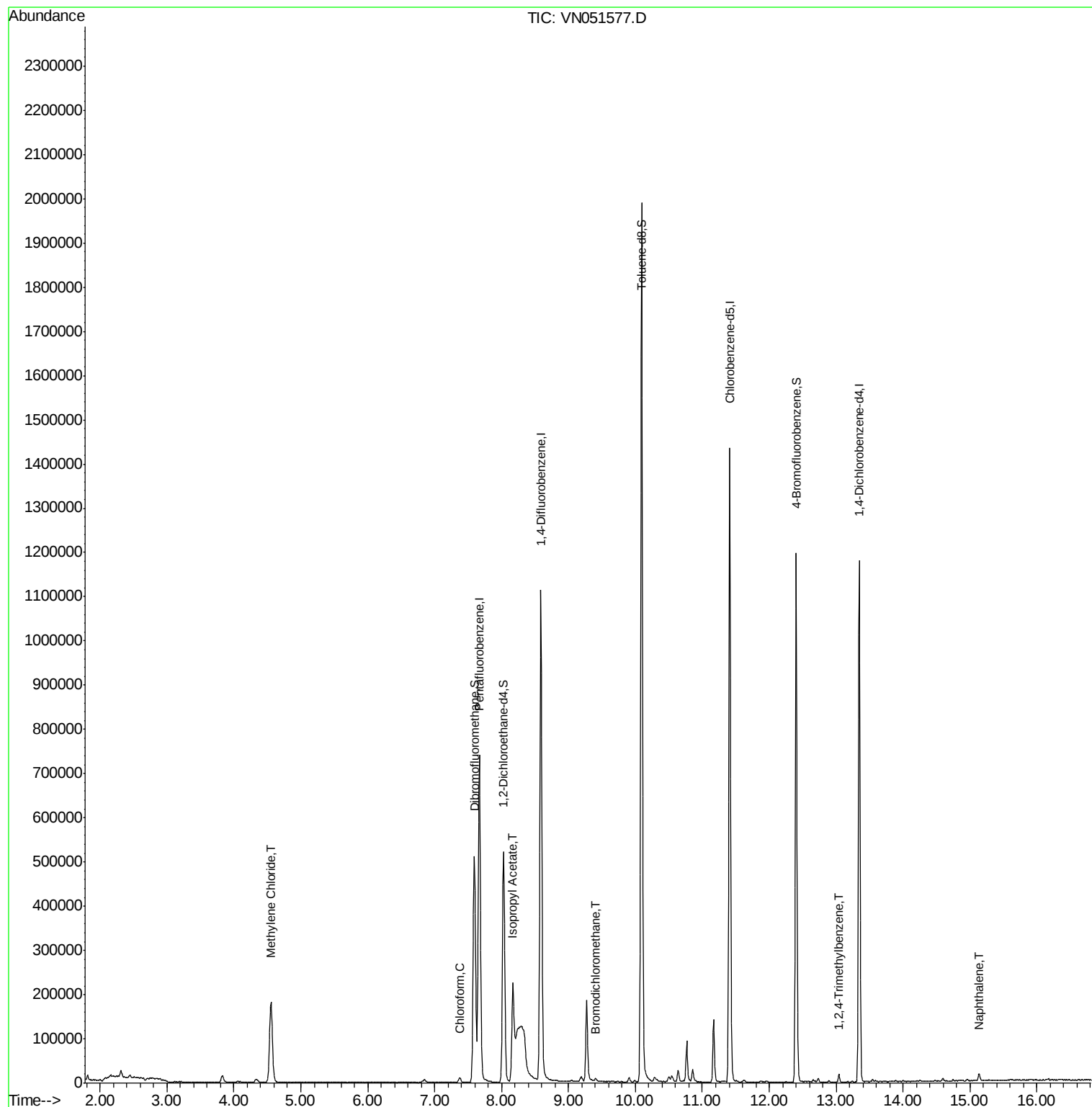
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1018611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	868122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	320406	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	456240	58.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.18%	
35) Dibromofluoromethane	7.59	113	394669	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	10.09	98	1434018	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
62) 4-Bromofluorobenzene	12.40	95	391842	39.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.98%	
Target Compounds						
20) Methylene Chloride	4.55	84	131328	17.044	ug/l	98
30) Chloroform	7.37	83	11382	0.858	ug/l	94
43) Isopropyl Acetate	8.17	43	282634	23.046	ug/l #	92
47) Bromodichloromethane	9.40	83	3459	0.294	ug/l #	83
84) 1,2,4-Trimethylbenzene	13.04	105	9771	0.440	ug/l	96
95) Naphthalene	15.14	128	12780	8.944	ug/l	98

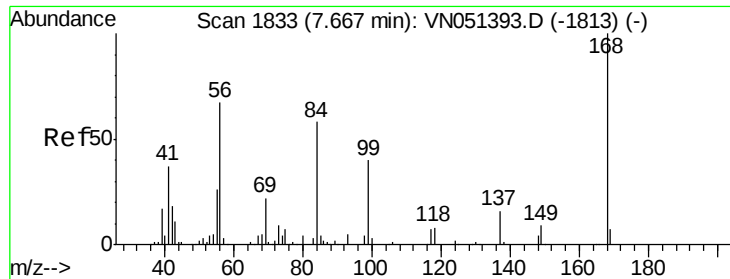
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051577.D

Acq: 27 Sep 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

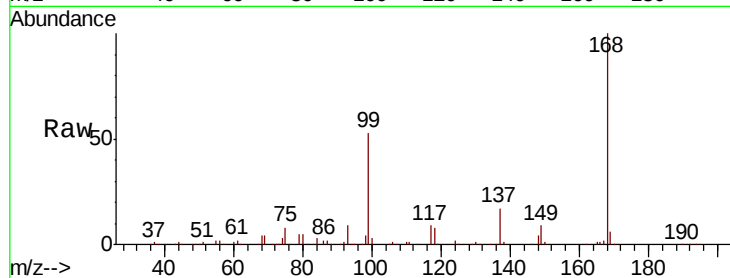
SLUDGE-A

Tot Ion:168 Resp: 621599

Ion Ratio Lower Upper

168 100

99 52.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

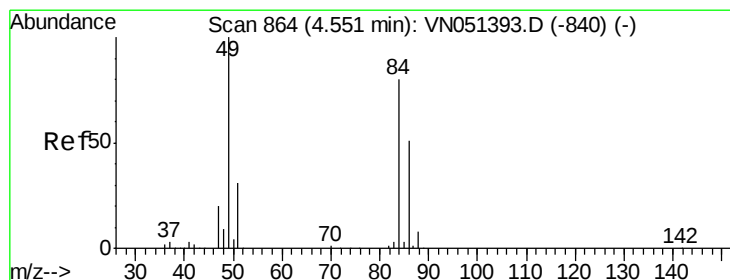
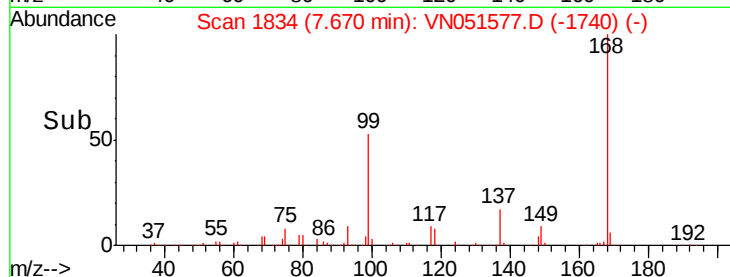
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 17.044 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051577.D

Acq: 27 Sep 2018 12:14

Tgt Ion: 84 Resp: 131328

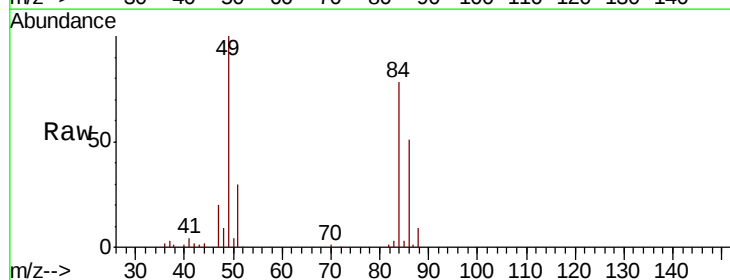
Ion Ratio Lower Upper

84 100

49 128.2 99.9 149.9

51 39.0 31.4 47.2

86 65.3 50.9 76.3



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

80000

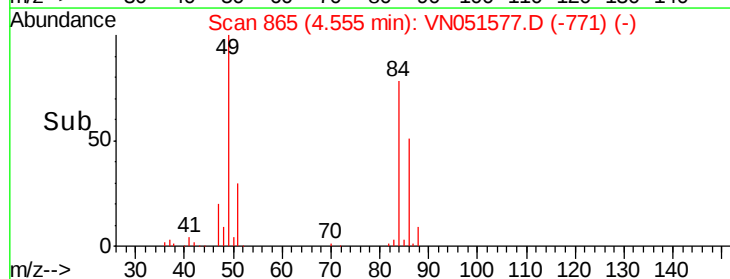
60000

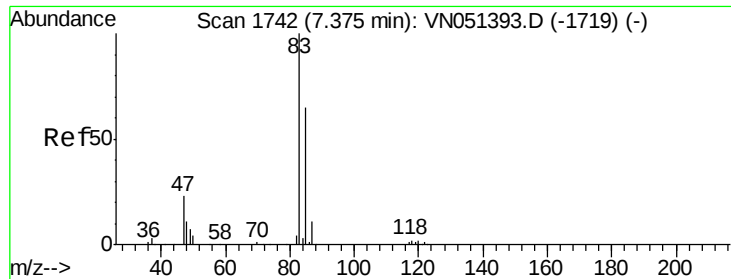
40000

20000

0

Time-->

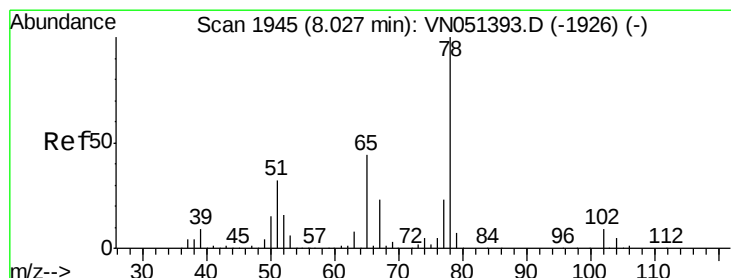
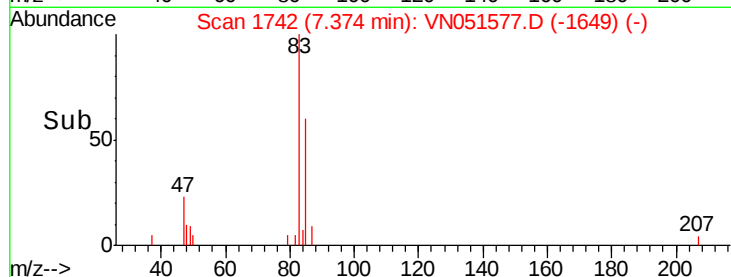
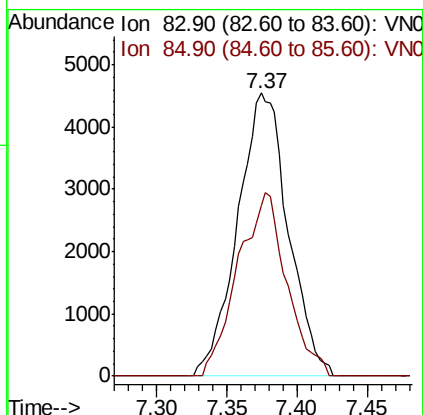
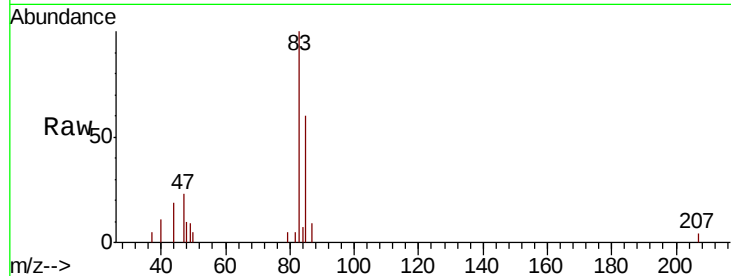




#30
Chloroform
Concen: 0.858 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051577.D
Acq: 27 Sep 2018 12:14

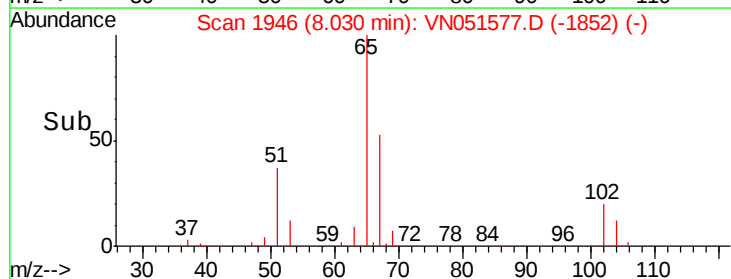
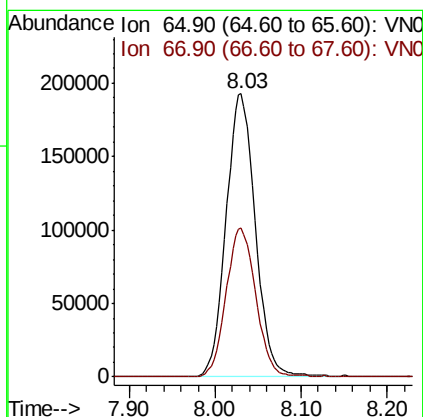
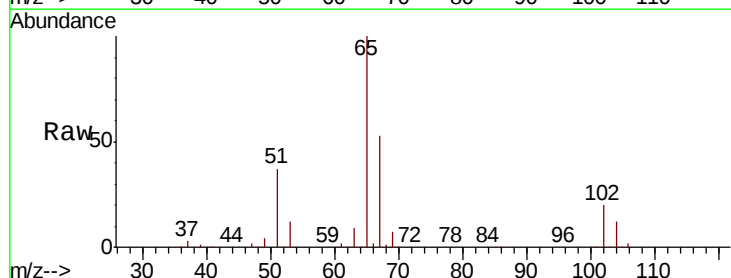
Instrument :
MSVOA_N
ClientSampled :
SLUDGE-A

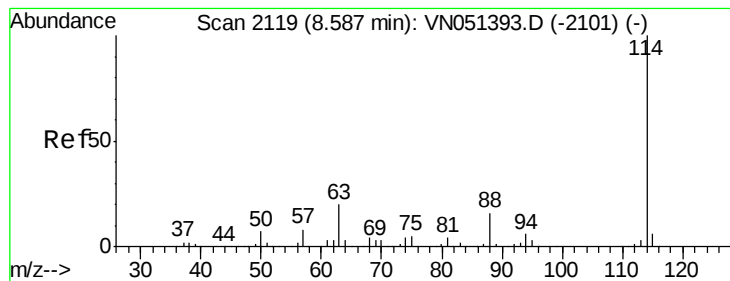
Tot Ion: 83 Resp: 11382
Ion Ratio Lower Upper
83 100
85 60.2 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 58.593 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051577.D
Acq: 27 Sep 2018 12:14

Tgt Ion: 65 Resp: 456240
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051577.D

Acq: 27 Sep 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-A

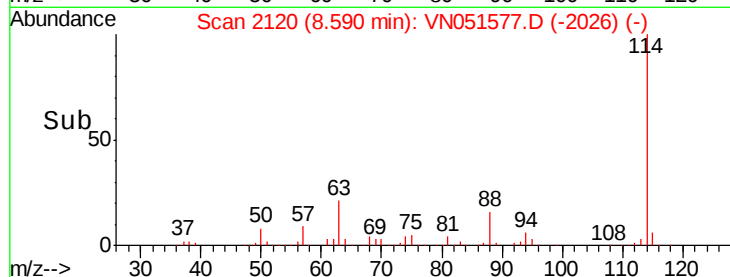
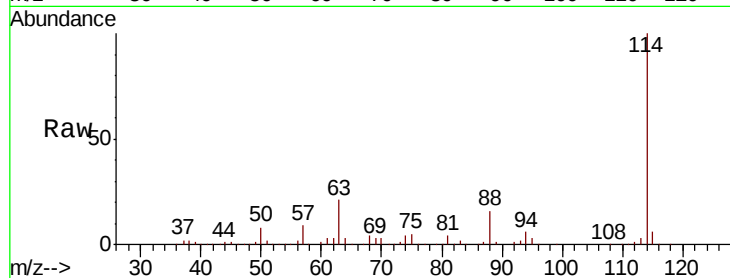
Tot Ion:114 Resp: 1018611

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

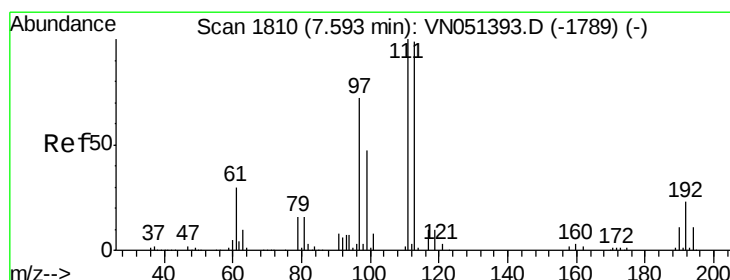
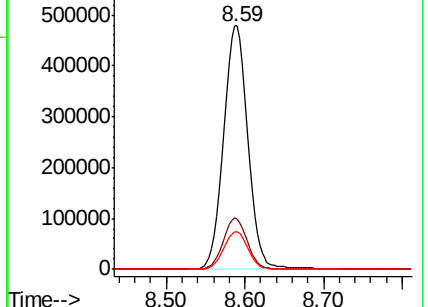
88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.453 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051577.D

Acq: 27 Sep 2018 12:14

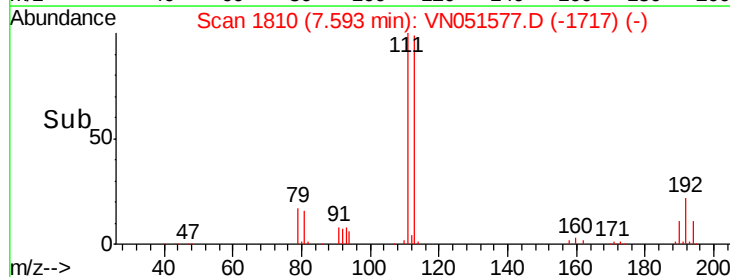
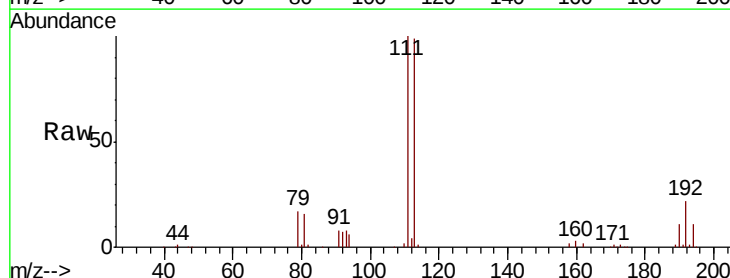
Tgt Ion:113 Resp: 394669

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

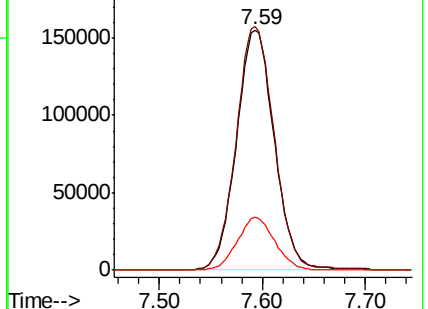
192 21.9 18.0 27.0

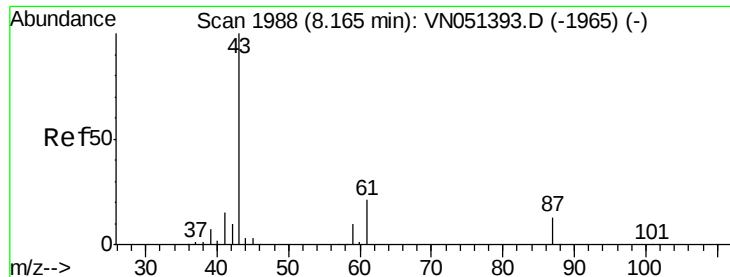


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 23.046 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051577.D

Acq: 27 Sep 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

SLUDGE-A

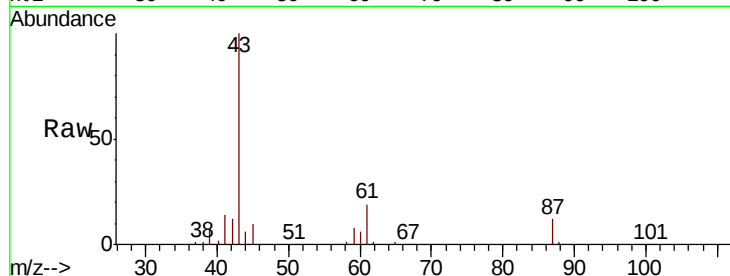
Tot Ion: 43 Resp: 282634

Ion Ratio Lower Upper

43 100

61 17.1 16.8 25.2

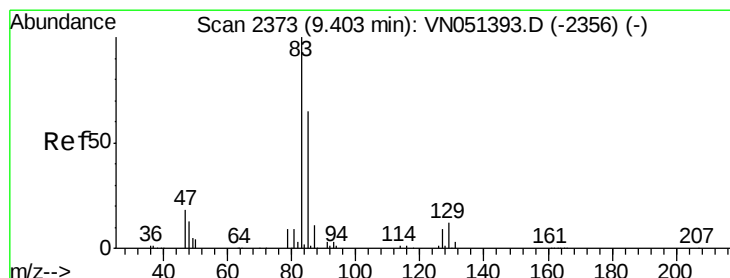
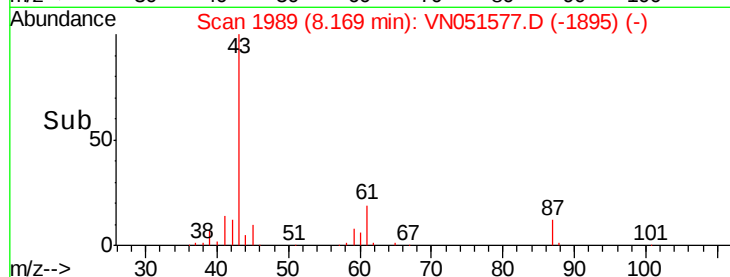
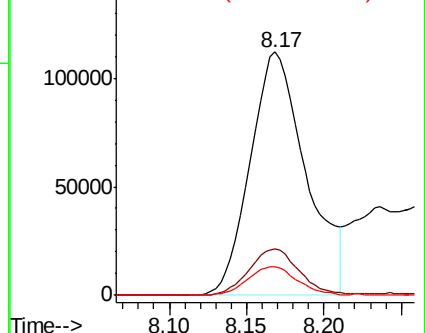
87 10.5 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.294 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN051577.D

Acq: 27 Sep 2018 12:14

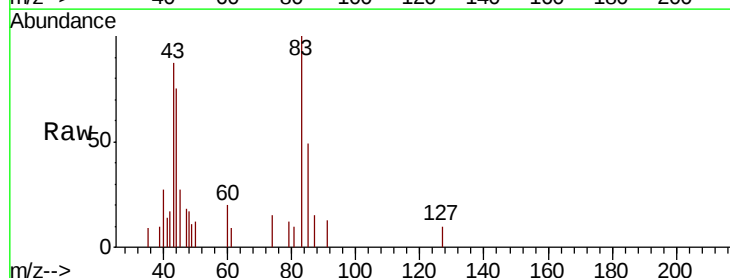
Tgt Ion: 83 Resp: 3459

Ion Ratio Lower Upper

83 100

85 49.2 51.8 77.6#

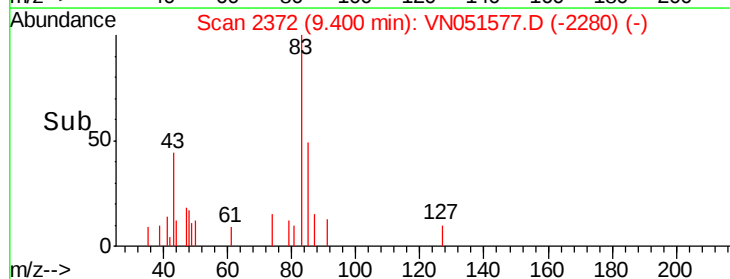
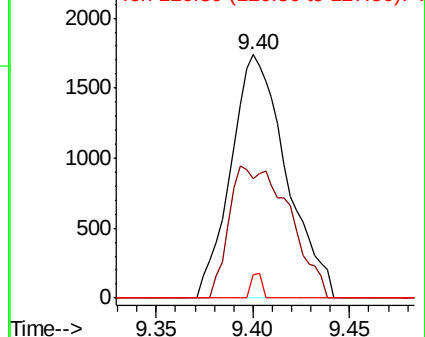
127 9.6 7.4 11.2

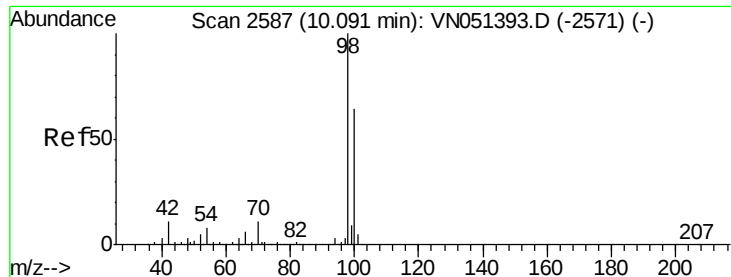


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 46.752 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051577.D

Acq: 27 Sep 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

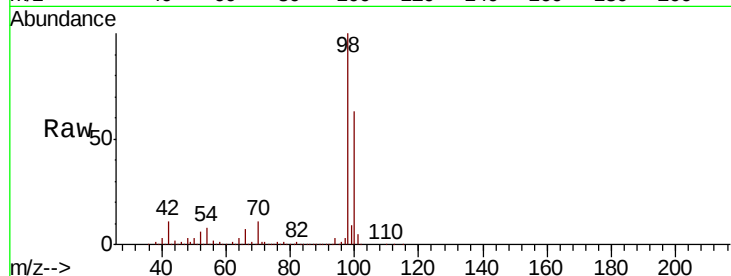
SLUDGE-A

Tot Ion: 98 Resp: 1434018

Ion Ratio Lower Upper

98 100

100 62.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

10.09

800000

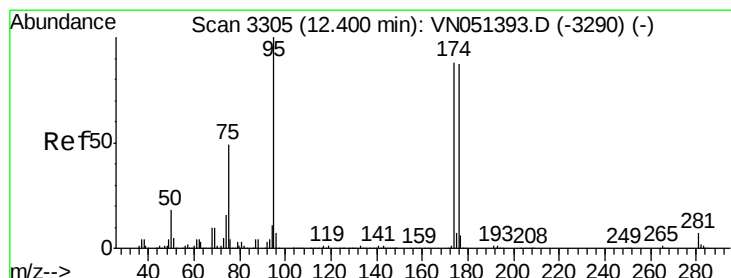
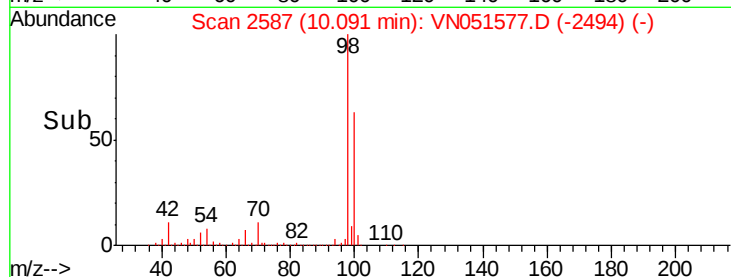
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.490 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051577.D

Acq: 27 Sep 2018 12:14

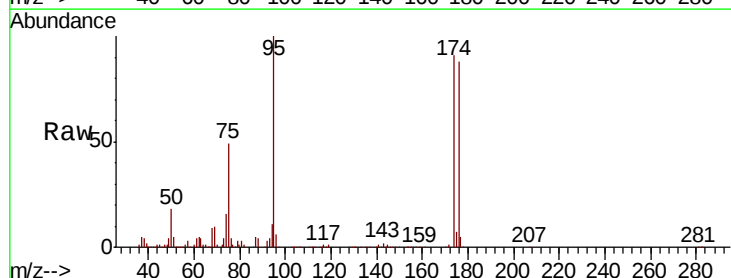
Tgt Ion: 95 Resp: 391842

Ion Ratio Lower Upper

95 100

174 90.3 0.0 181.6

176 87.5 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

12.40

300000

250000

200000

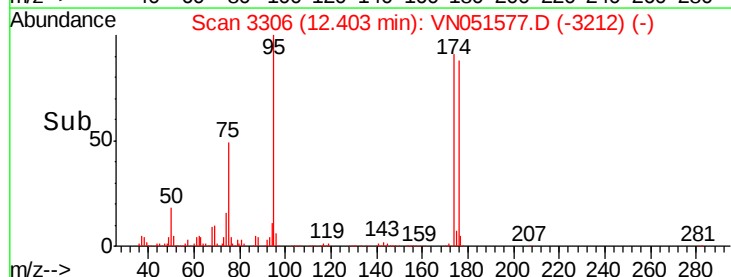
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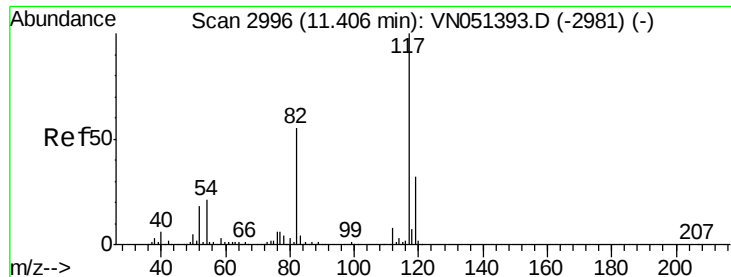
100000

50000

0

Time-->

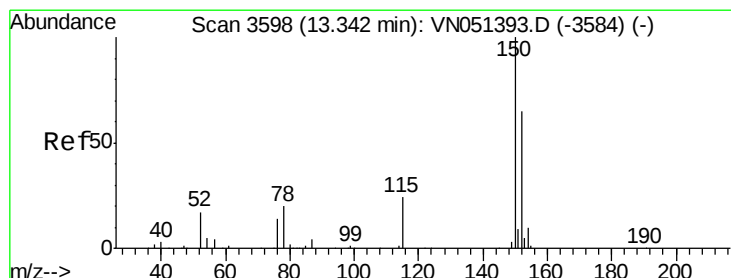
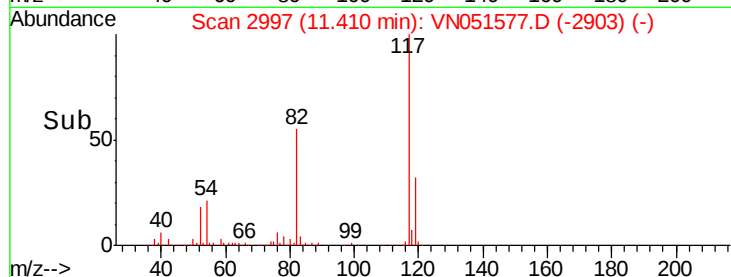
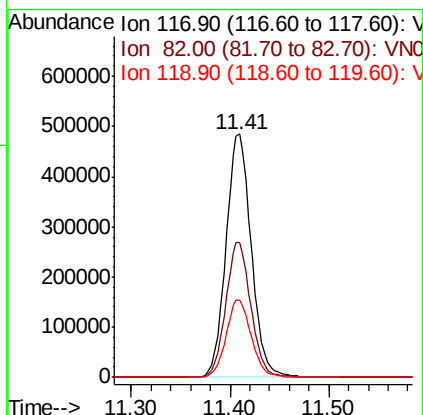
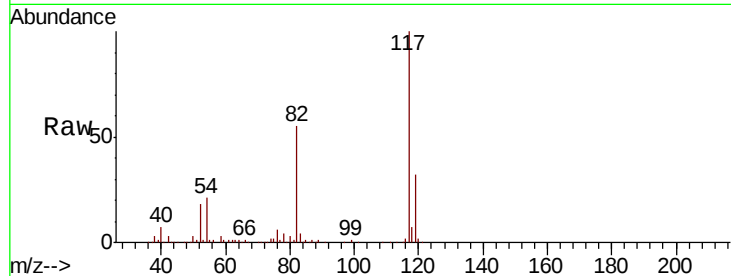




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051577.D
Acq: 27 Sep 2018 12:14

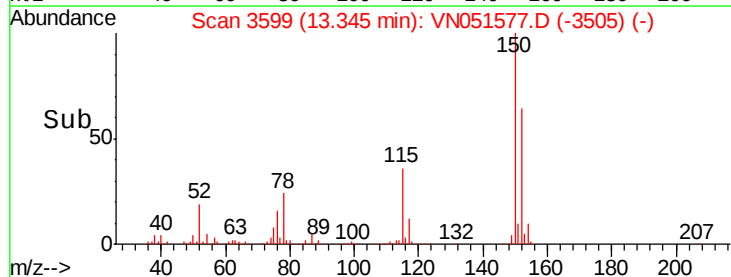
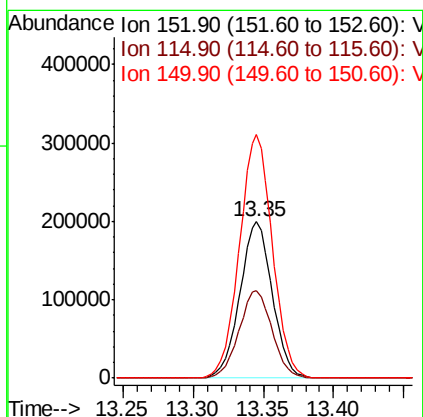
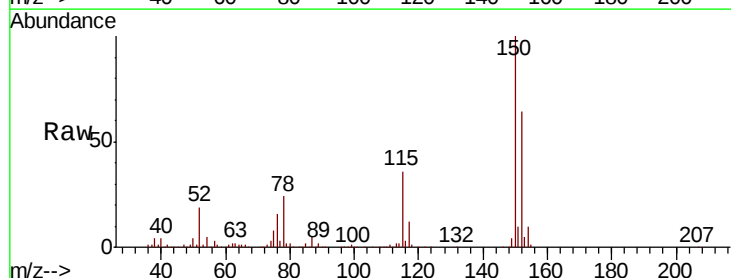
Instrument :
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SLUDGE-A

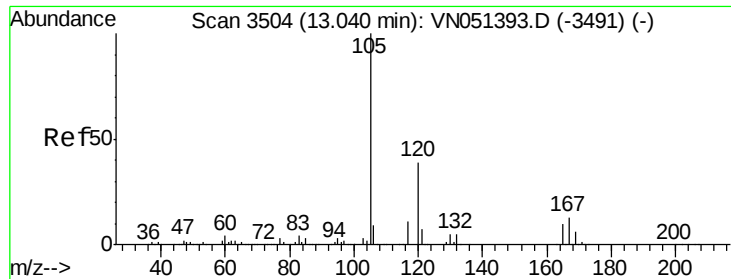
Tot Ion:117 Resp: 868122
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051577.D
Acq: 27 Sep 2018 12:14

Tgt Ion:152 Resp: 320406
Ion Ratio Lower Upper
152 100
115 57.1 28.3 84.9
150 158.2 0.0 353.6

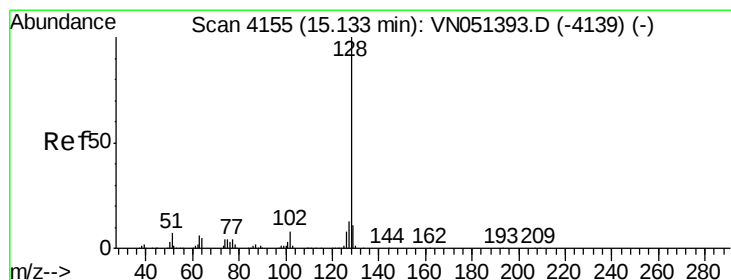
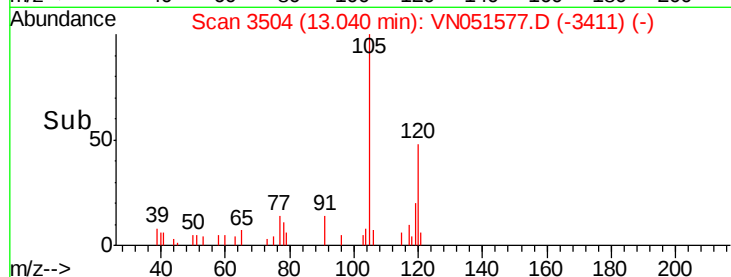
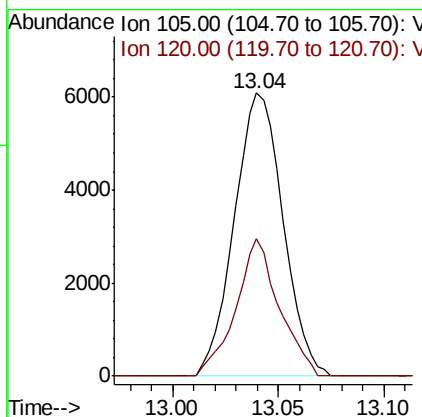
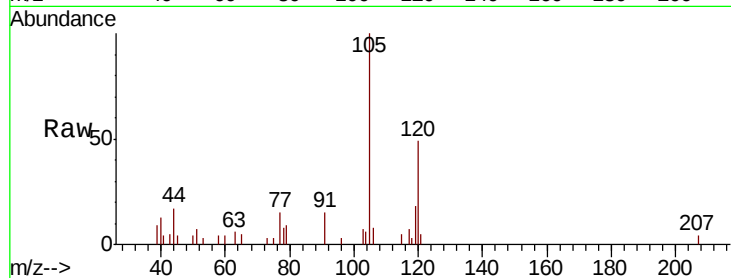




#84
 1,2,4-Trimethylbenzene
 Concen: 0.440 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051577.D
 Acq: 27 Sep 2018 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-A

Tot Ion:105 Resp: 9771
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.9 68.7



#95
 Naphthalene
 Concen: 8.944 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN051577.D
 Acq: 27 Sep 2018 12:14

Tgt Ion:128 Resp: 12780
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.5 15.7
 129 9.6 8.6 12.8

