

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051578.D
 Acq On : 27 Sep 2018 12:38
 Operator : MD\SY
 Sample : J5069-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-B

Quant Time: Sep 27 14:43:34 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

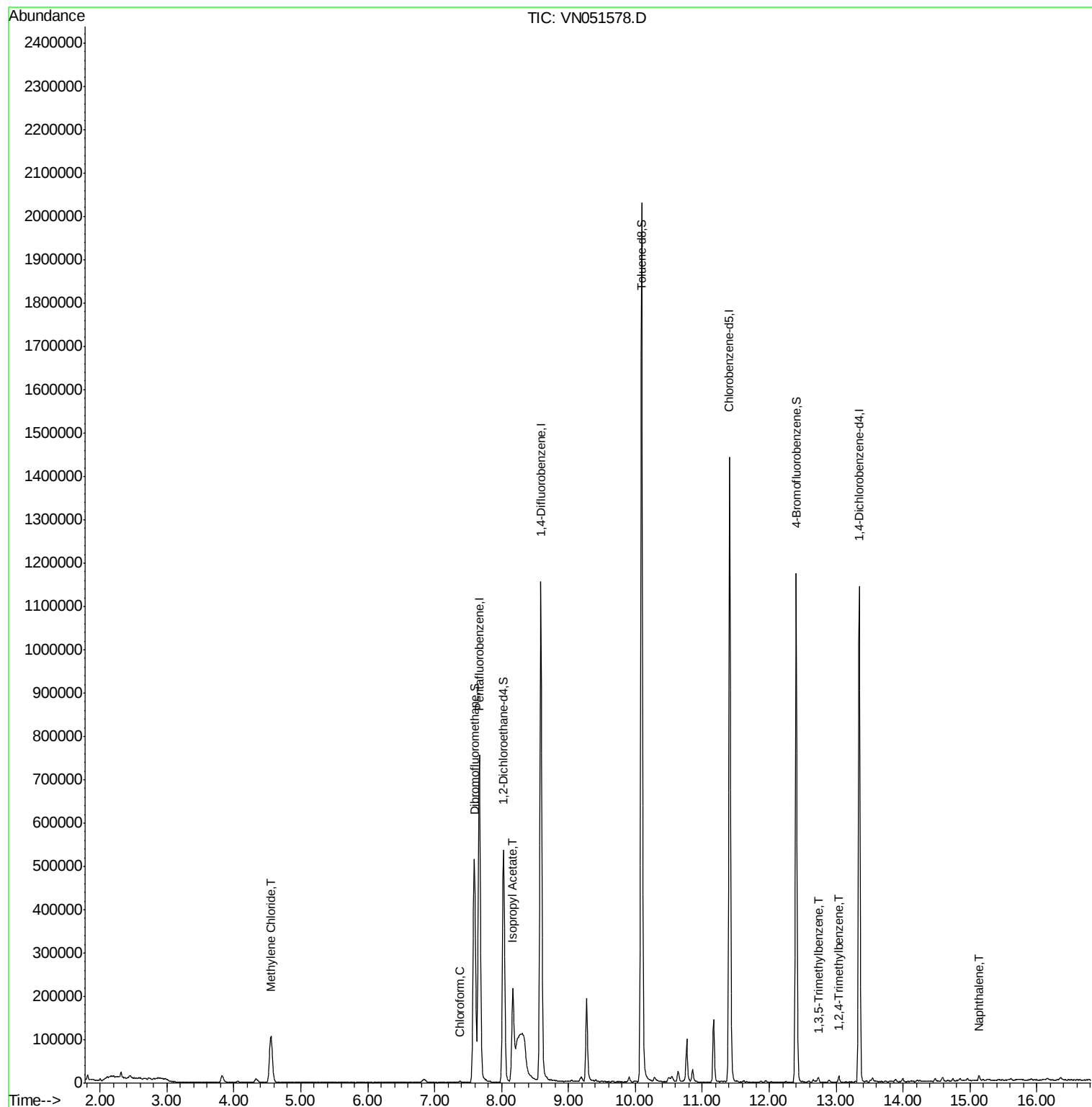
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	639665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	459389	57.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.66%	
35) Dibromofluoromethane	7.59	113	402762	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	10.09	98	1444835	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
62) 4-Bromofluorobenzene	12.40	95	393413	38.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.18%	
Target Compounds						
20) Methylene Chloride	4.55	84	81030	10.219	ug/l	99
30) Chloroform	7.37	83	3244	0.238	ug/l	90
43) Isopropyl Acetate	8.17	43	269585	21.398	ug/l #	93
80) 1,3,5-Trimethylbenzene	12.73	105	4455	0.203	ug/l	89
84) 1,2,4-Trimethylbenzene	13.04	105	8348	0.377	ug/l	98
95) Naphthalene	15.13	128	9156	8.691	ug/l	98

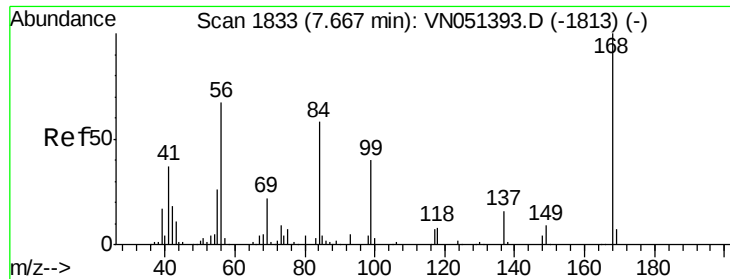
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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Instrument :
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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# 1833

Delta R.T. 0.00 min

Lab File: VN051578.D

Acq: 27 Sep 2018 12:38

Instrument :

MSVOA_N

ClientSampleId :

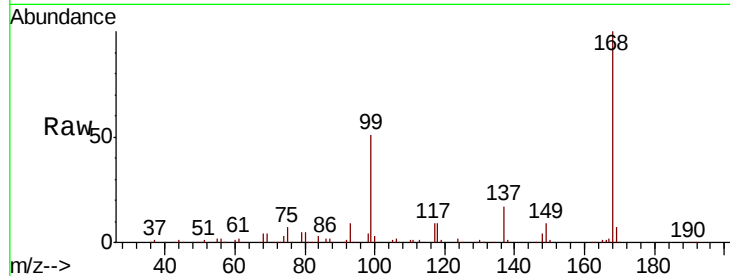
SLUDGE-B

Tot Ion:168 Resp: 639665

Ion Ratio Lower Upper

168 100

99 51.4 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

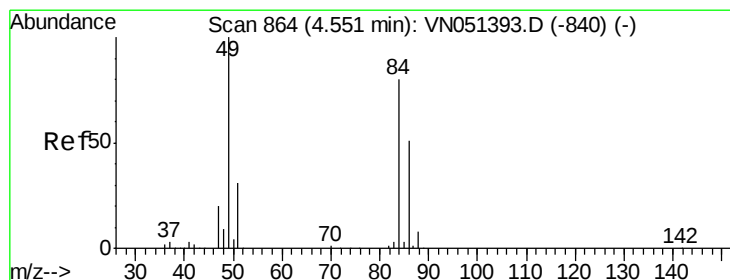
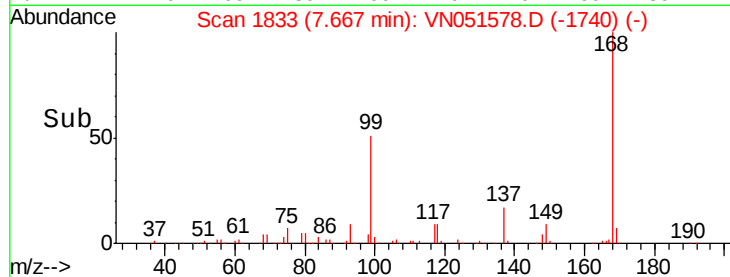
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 10.219 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051578.D

Acq: 27 Sep 2018 12:38

Tgt Ion: 84 Resp: 81030

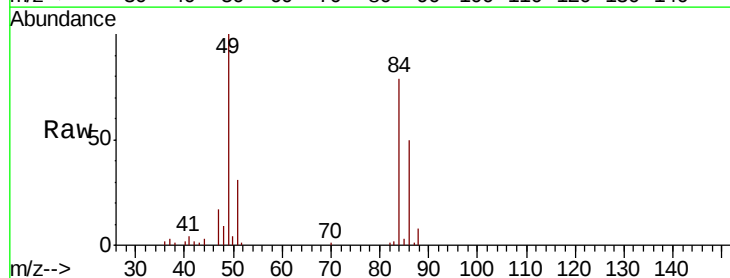
Ion Ratio Lower Upper

84 100

49 126.5 99.9 149.9

51 38.9 31.4 47.2

86 63.0 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

4.55

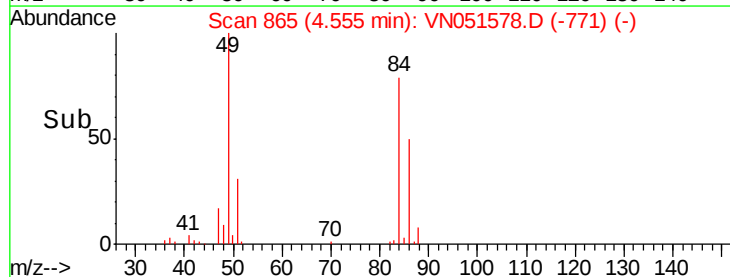
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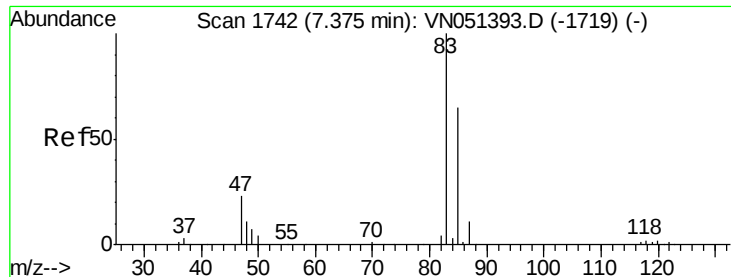
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Time-->

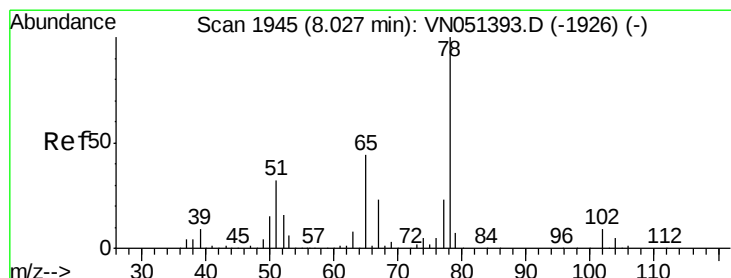
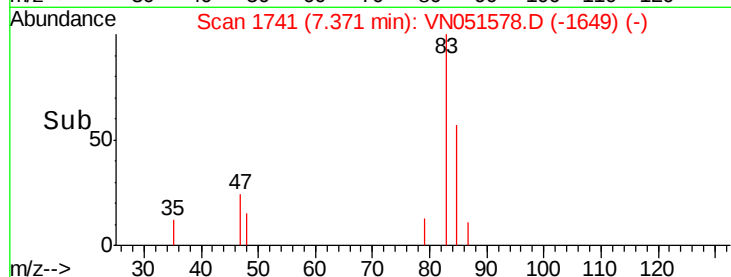
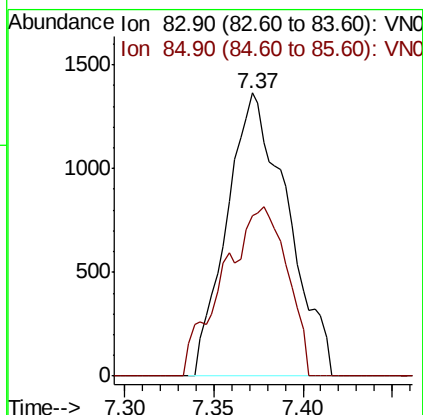
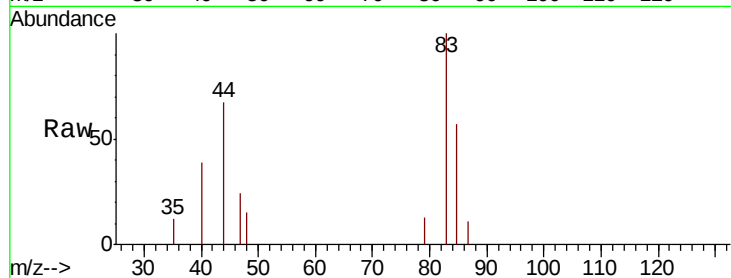




#30
 Chloroform
 Concen: 0.238 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VN051578.D
 Acq: 27 Sep 2018 12:38

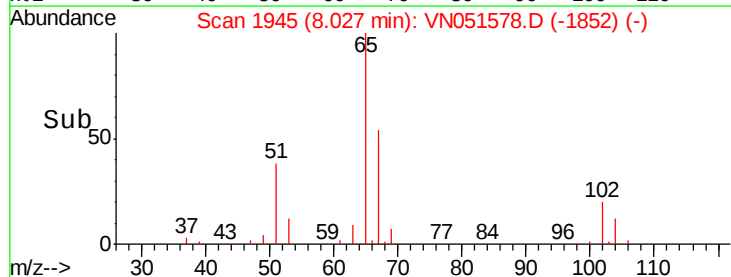
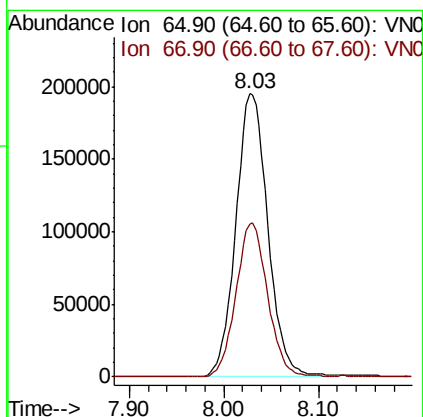
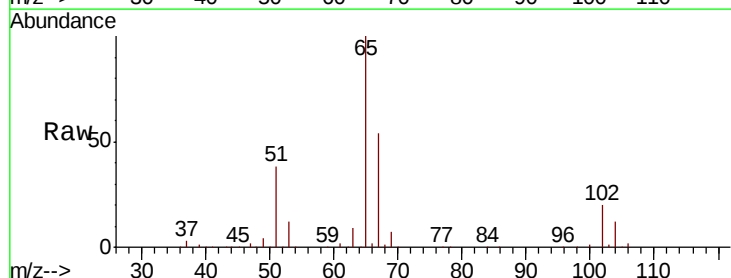
Instrument :
 MSVOA_N
 ClientSampled :
 SLUDGE-B

Tot Ion: 83 Resp: 3244
 Ion Ratio Lower Upper
 83 100
 85 56.6 51.8 77.6



#33
 1,2-Dichloroethane-d4
 Concen: 57.331 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051578.D
 Acq: 27 Sep 2018 12:38

Tgt Ion: 65 Resp: 459389
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.8

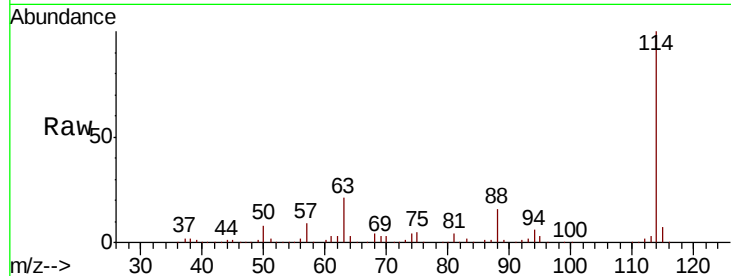




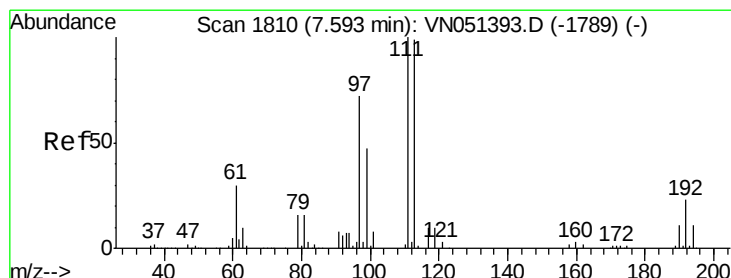
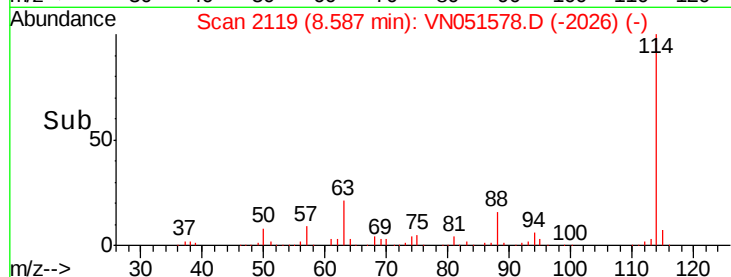
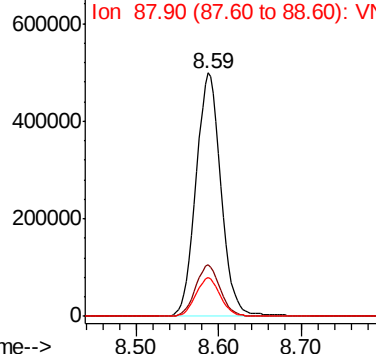
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051578.D
 Acq: 27 Sep 2018 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-B

Tot Ion:114 Resp: 1046420
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.2
 88 15.8 0.0 31.4

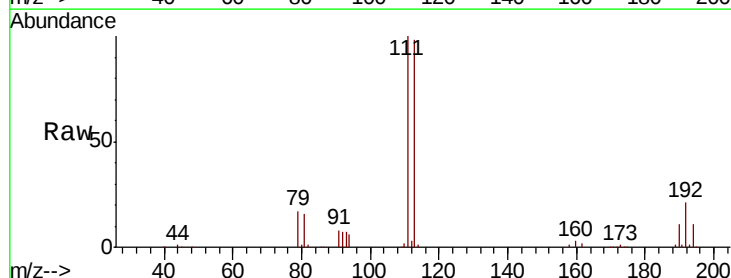


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

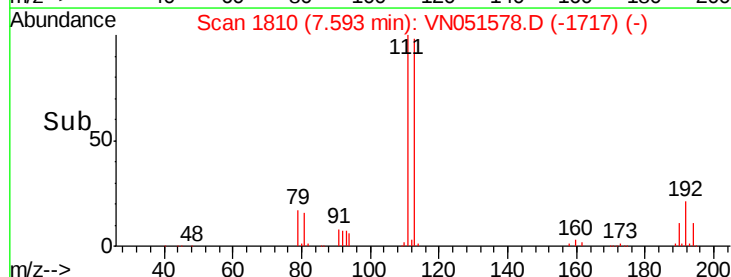
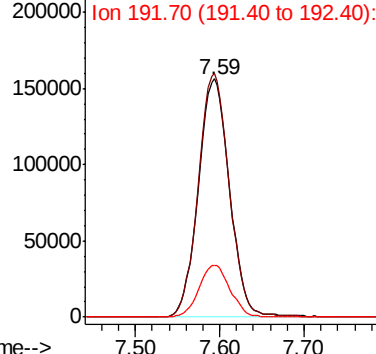


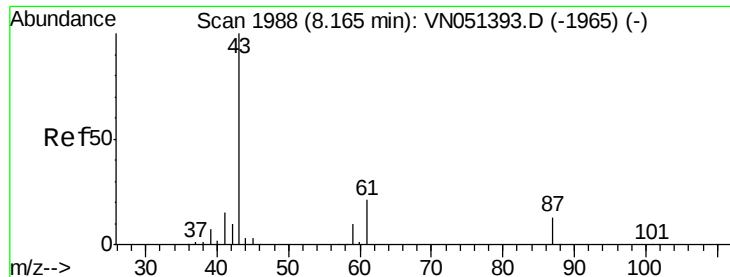
#35
 Dibromofluoromethane
 Concen: 48.133 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051578.D
 Acq: 27 Sep 2018 12:38

Tgt Ion:113 Resp: 402762
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.6 123.8
 192 21.6 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: 21.398 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051578.D

Acq: 27 Sep 2018 12:38

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-B

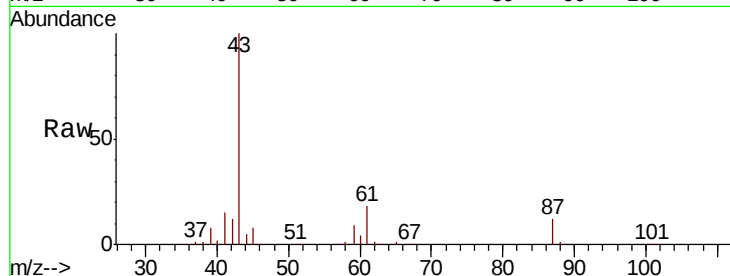
Tot Ion: 43 Resp: 269585

Ion Ratio Lower Upper

43 100

61 17.5 16.8 25.2

87 10.7 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)

8.17

150000

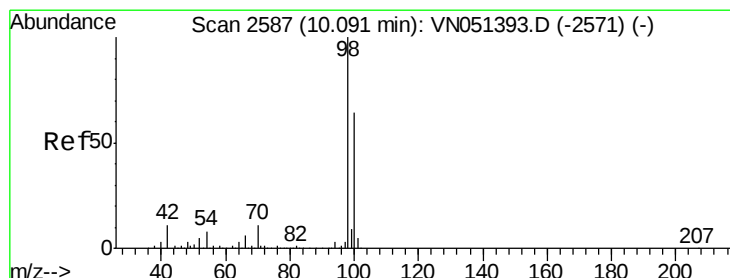
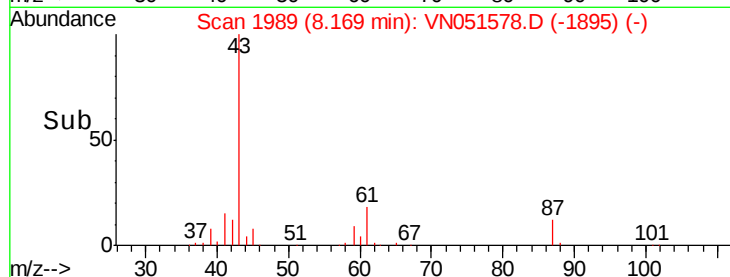
100000

50000

0

Time-->

8.05 8.10 8.15 8.20



#50

Toluene-d8

Concen: 45.853 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051578.D

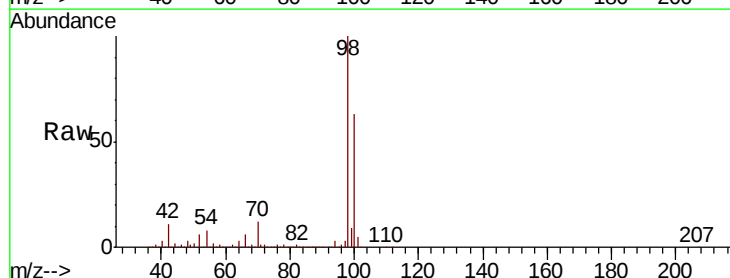
Acq: 27 Sep 2018 12:38

Tgt Ion: 98 Resp: 1444835

Ion Ratio Lower Upper

98 100

100 63.1 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

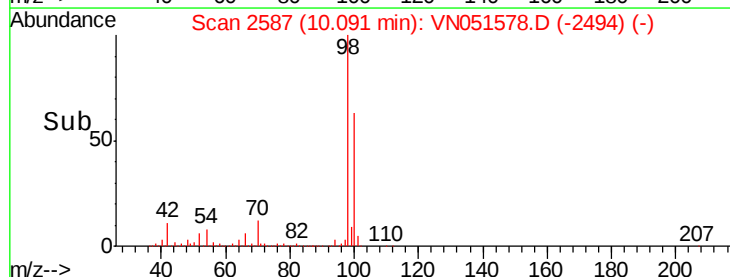
400000

200000

0

Time-->

10.00 10.10 10.20 10.30

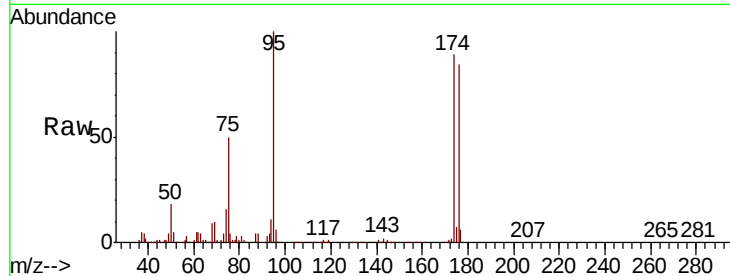




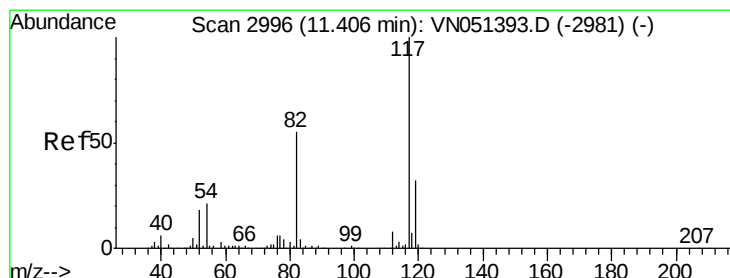
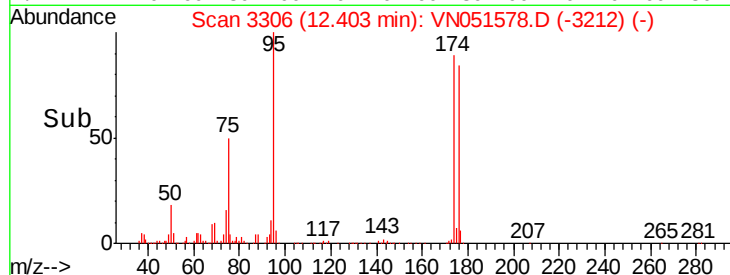
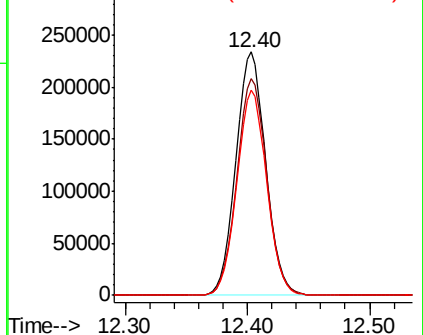
#62
4-Bromofluorobenzene
Concen: 38.595 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051578.D
Acq: 27 Sep 2018 12:38

Instrument :
MSVOA_N
ClientSampled :
SLUDGE-B

Tot Ion: 95 Resp: 393413
Ion Ratio Lower Upper
95 100
174 89.5 0.0 181.6
176 84.5 0.0 176.4

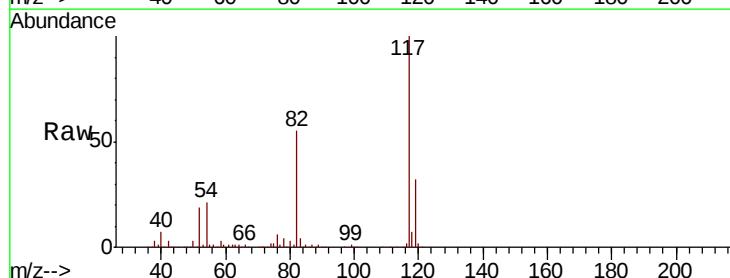


Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)
Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)
Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

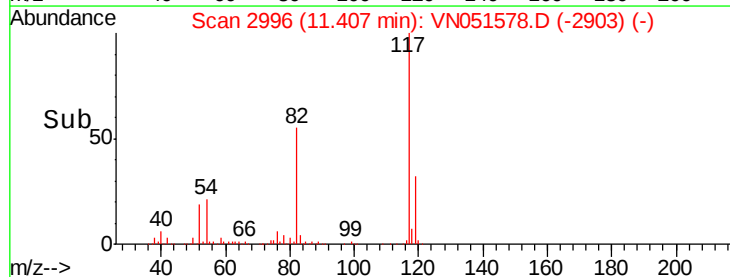
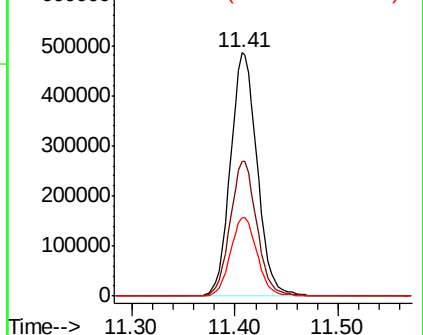


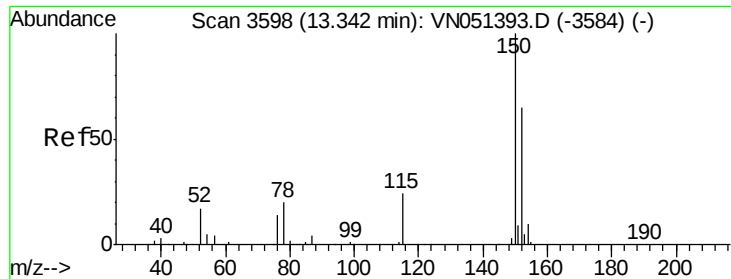
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051578.D
Acq: 27 Sep 2018 12:38

Tgt Ion: 117 Resp: 874843
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.2 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)
Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)
Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051578.D

Acq: 27 Sep 2018 12:38

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-B

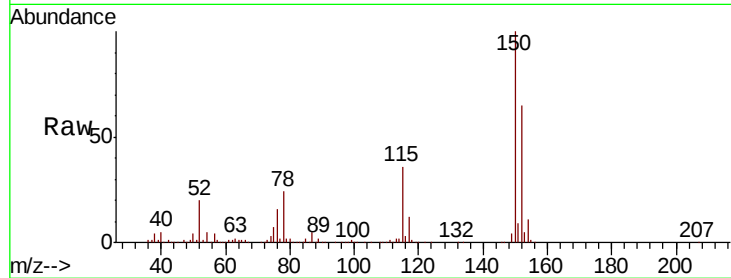
Tot Ion:152 Resp: 319446

Ion Ratio Lower Upper

152 100

115 56.1 28.3 84.9

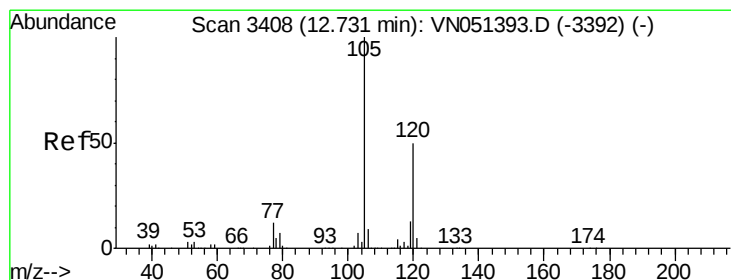
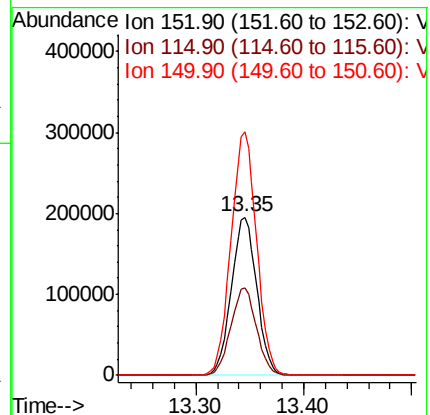
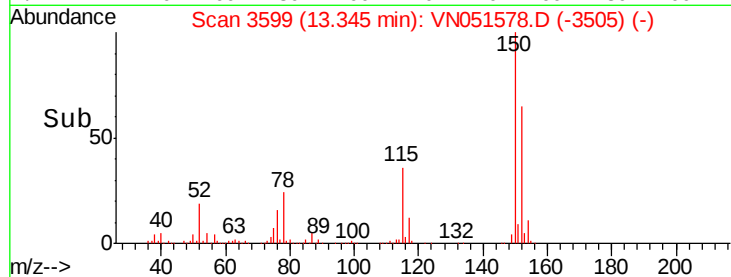
150 155.5 0.0 353.6



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



#80

1,3,5-Trimethylbenzene

Concen: 0.203 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051578.D

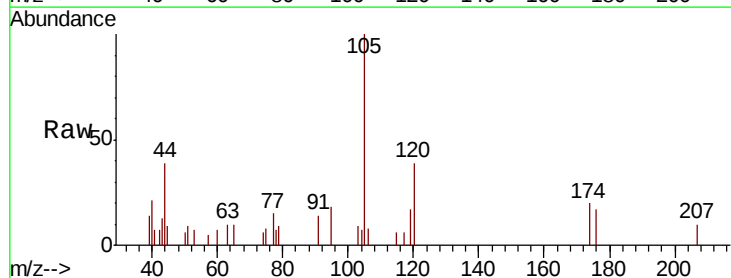
Acq: 27 Sep 2018 12:38

Tgt Ion:105 Resp: 4455

Ion Ratio Lower Upper

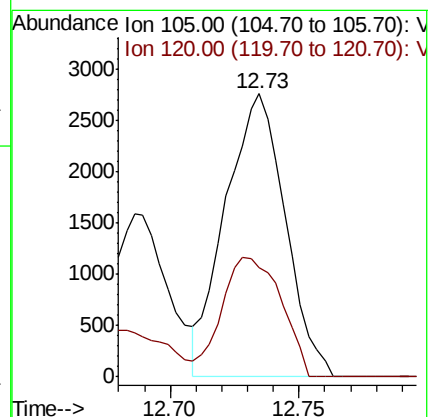
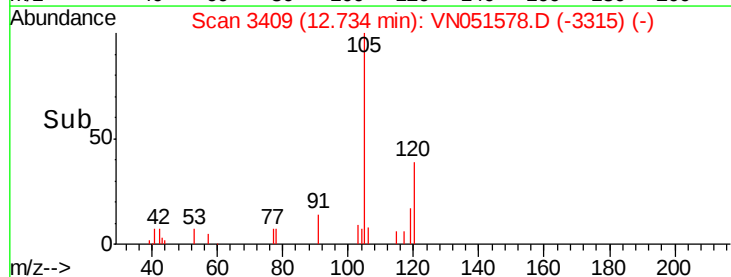
105 100

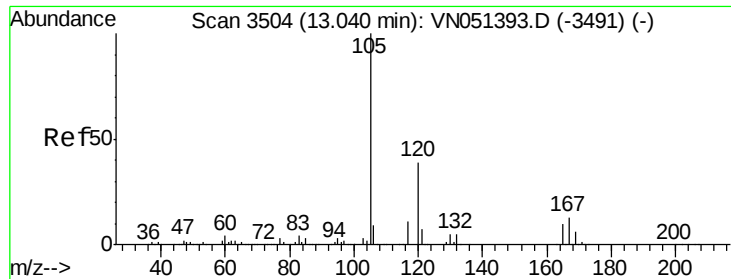
120 41.9 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

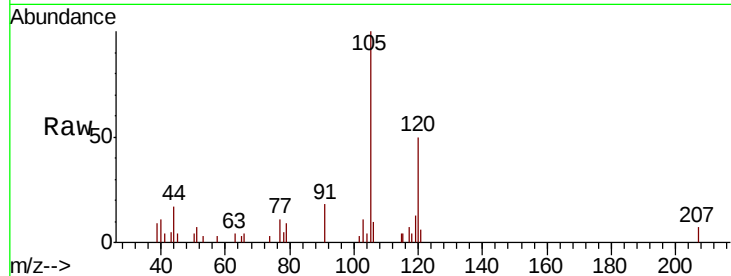




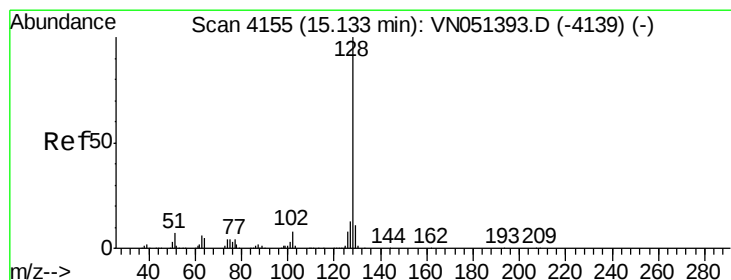
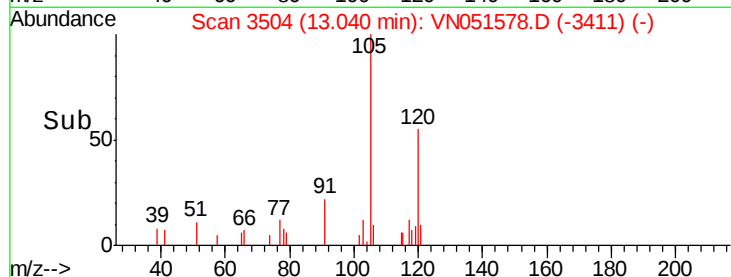
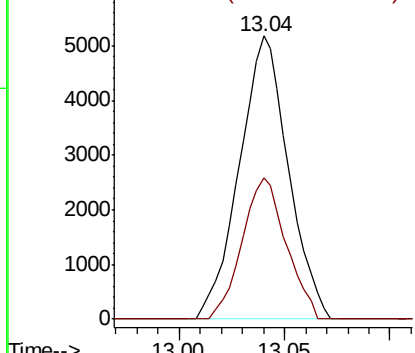
#84
 1,2,4-Trimethylbenzene
 Concen: 0.377 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051578.D
 Acq: 27 Sep 2018 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-B

Tot Ion:105 Resp: 8348
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.9 68.7

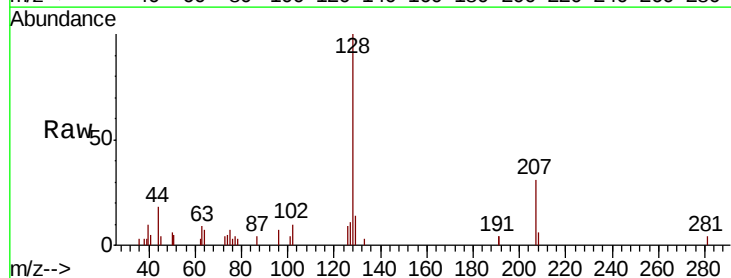


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



#95
 Naphthalene
 Concen: 8.691 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051578.D
 Acq: 27 Sep 2018 12:38

Tgt Ion:128 Resp: 9156
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.5 15.7
 129 11.6 8.6 12.8



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

