

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058943.D
 Acq On : 23 Oct 2019 20:11
 Operator : JC/SP
 Sample : K5489-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MAIN-STOCKPILE-SLP

Quant Time: Oct 24 03:07:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

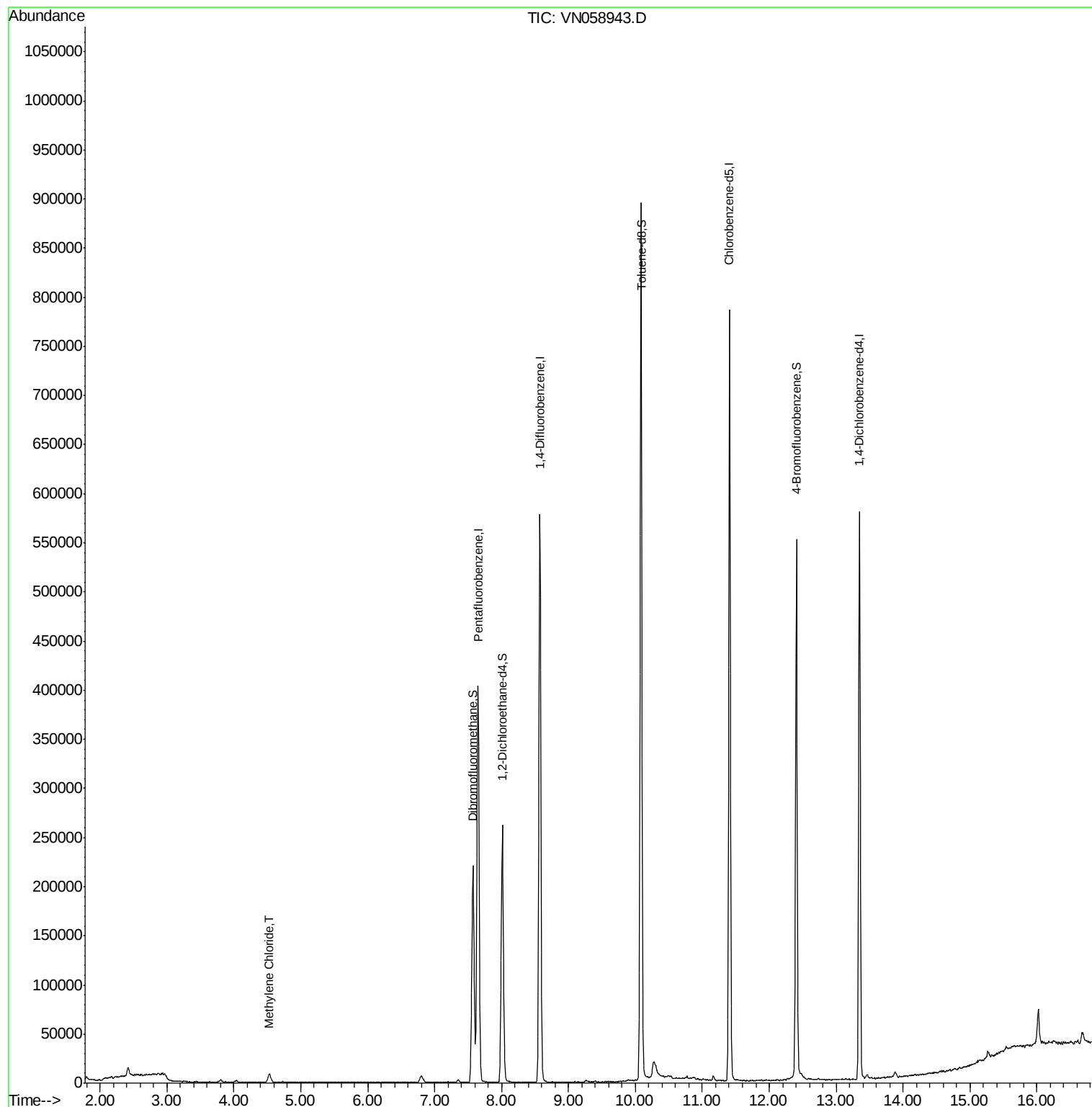
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	312466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	494535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	435339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	151805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	232359	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
35) Dibromofluoromethane	7.57	113	165487	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	10.08	98	608260	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.40	95	186882	40.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.64%	
Target Compounds						
20) Methylene Chloride	4.54	84	6659	1.722	ug/l	Qvalue 94

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058943.D

Acq: 23 Oct 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

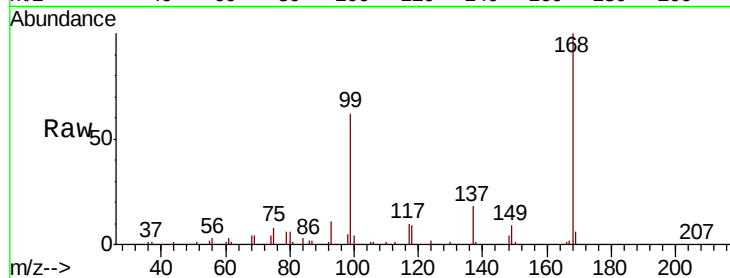
MAIN-STOCKPILE-SLP

Tot Ion:168 Resp: 312466

Ion Ratio Lower Upper

168 100

99 62.3 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

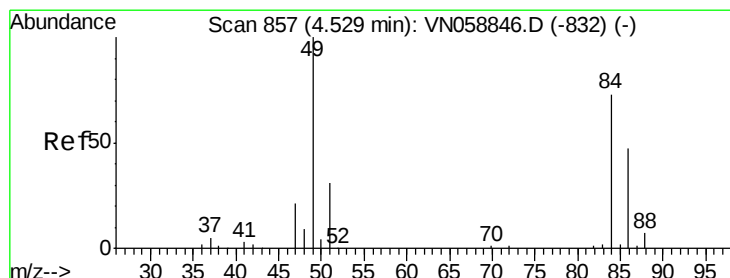
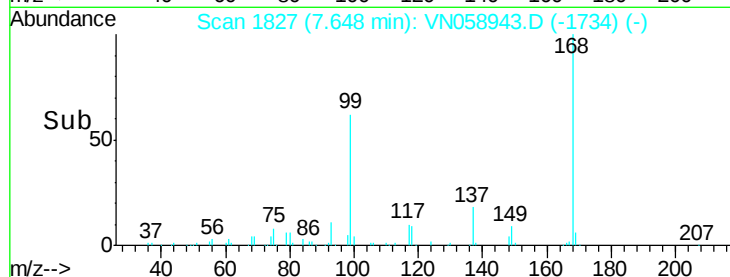
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.722 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.01 min

Lab File: VN058943.D

Acq: 23 Oct 2019 20:11

Tgt Ion: 84 Resp: 6659

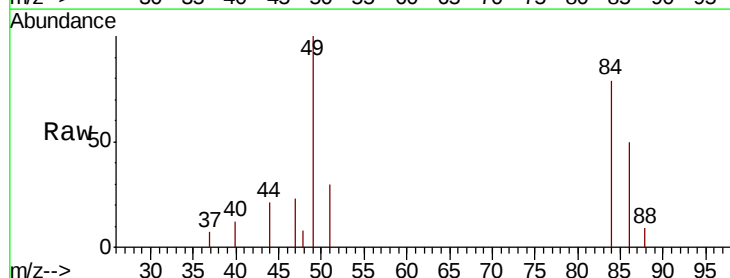
Ion Ratio Lower Upper

84 100

49 126.8 109.6 164.4

51 38.0 33.8 50.6

86 63.2 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4000

3000

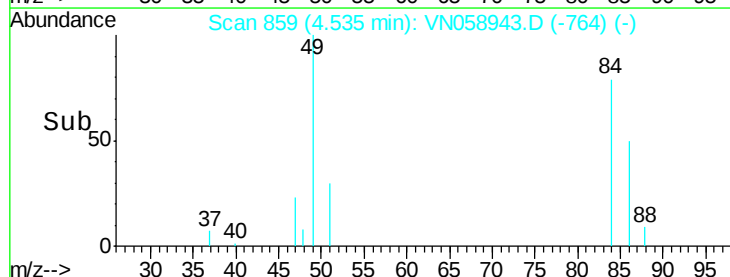
2000

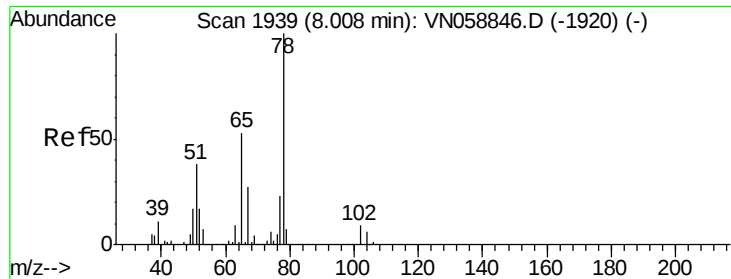
1000

0

4.45 4.50 4.55 4.60

Time-->

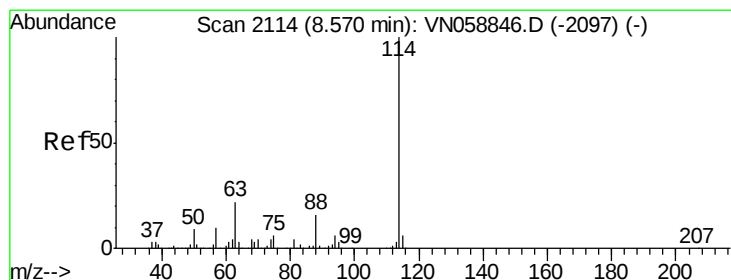
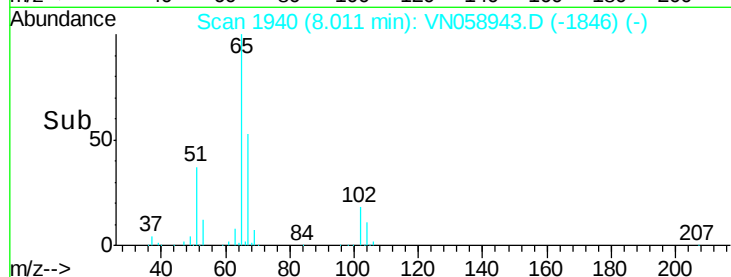
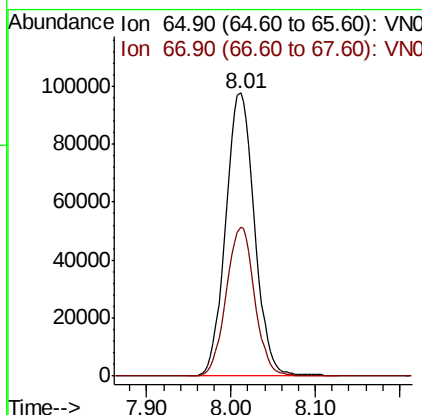
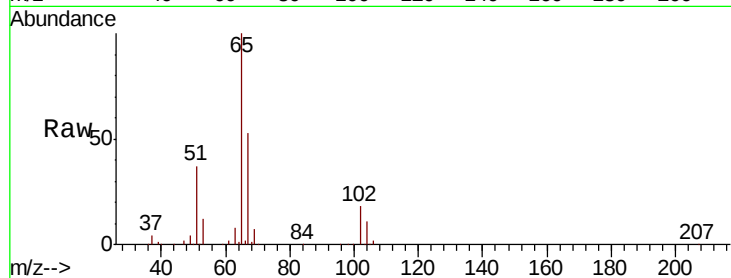




#33
 1,2-Dichloroethane-d4
 Concen: 50.702 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058943.D
 Acq: 23 Oct 2019 20:11

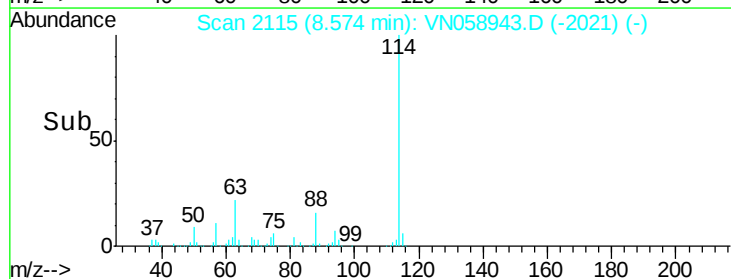
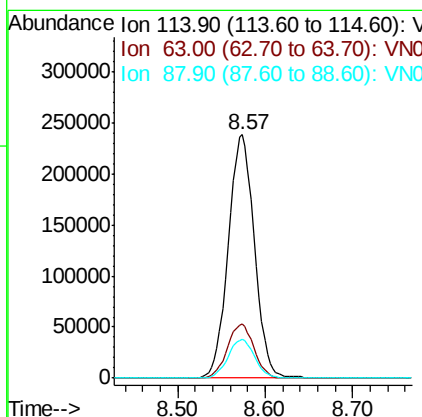
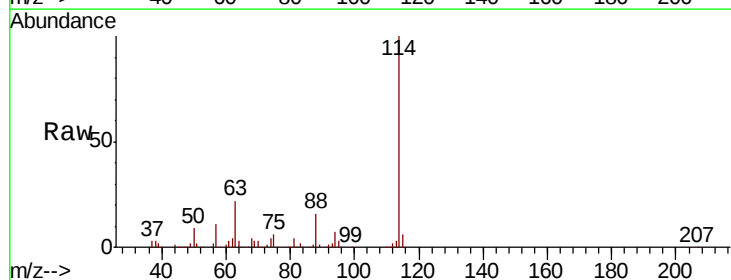
Instrument :
 MSVOA_N
 ClientSampleId :
 MAIN-STOCKPILE-SLP

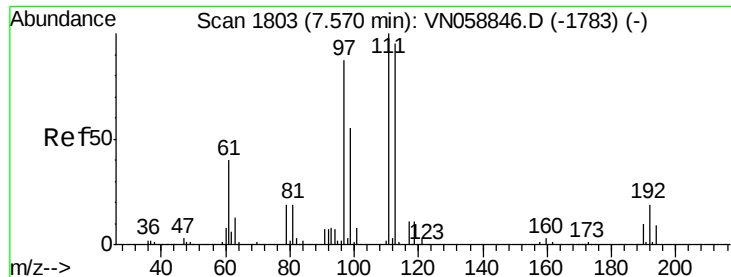
Tot Ion: 65 Resp: 232359
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058943.D
 Acq: 23 Oct 2019 20:11

Tgt Ion: 114 Resp: 494535
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.4
 88 15.9 0.0 31.4

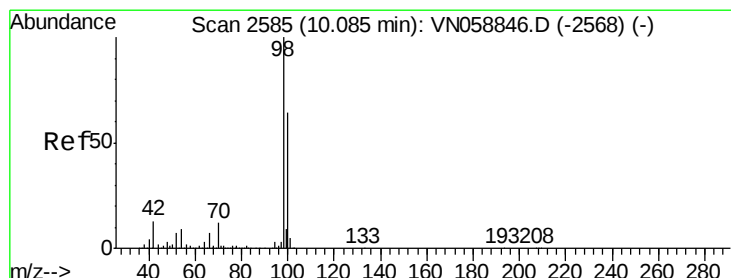
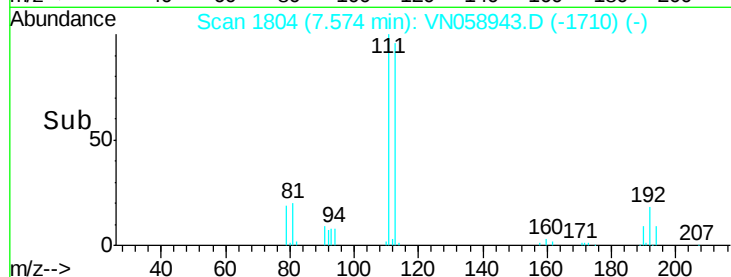
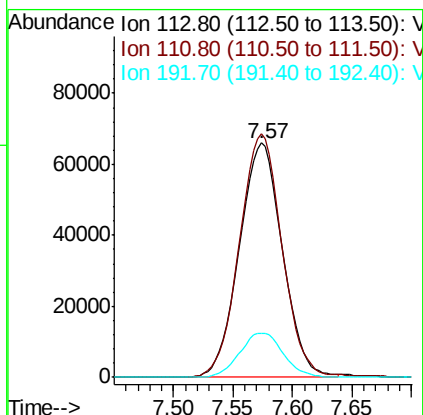
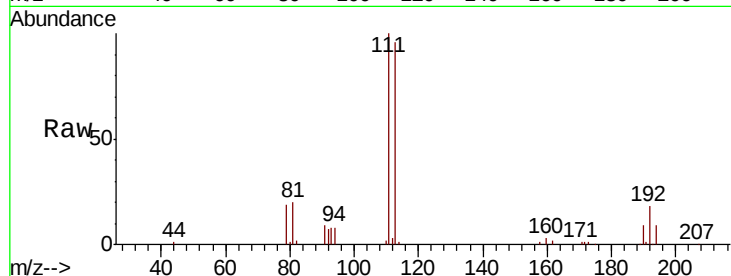




#35
 Dibromofluoromethane
 Concen: 50.897 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058943.D
 Acq: 23 Oct 2019 20:11

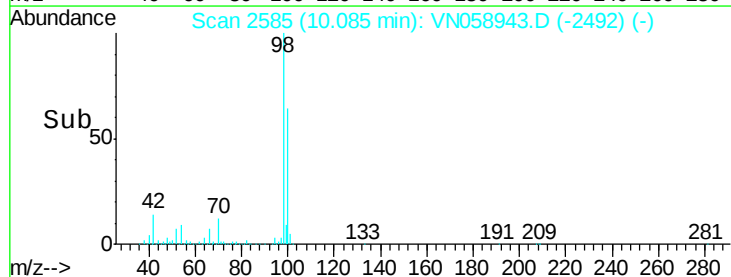
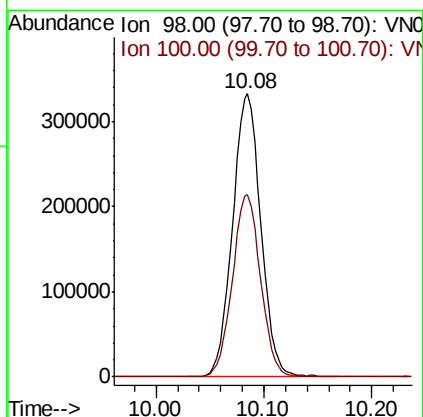
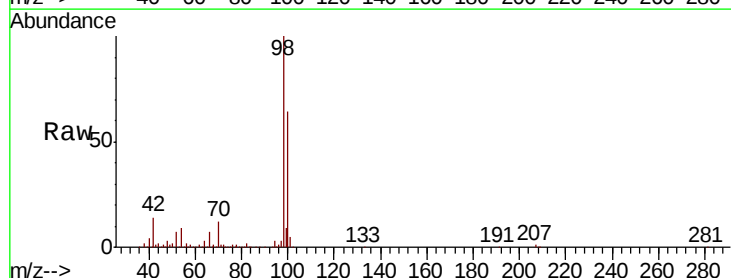
Instrument :
 MSVOA_N
 ClientSampleId :
 MAIN-STOCKPILE-SLP

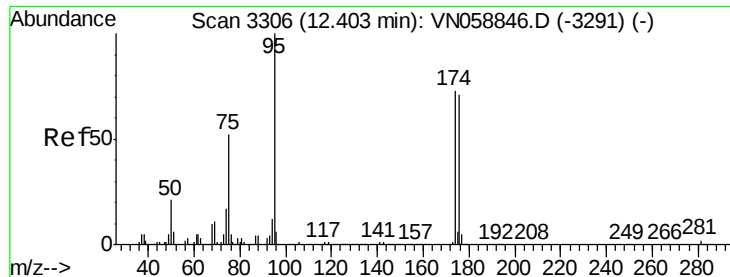
Tot Ion:113 Resp: 165487
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.0 123.0
 192 19.2 15.0 22.6



#50
 Toluene-d8
 Concen: 48.192 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058943.D
 Acq: 23 Oct 2019 20:11

Tgt Ion: 98 Resp: 608260
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 40.320 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058943.D

Acq: 23 Oct 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

MAIN-STOCKPILE-SLP

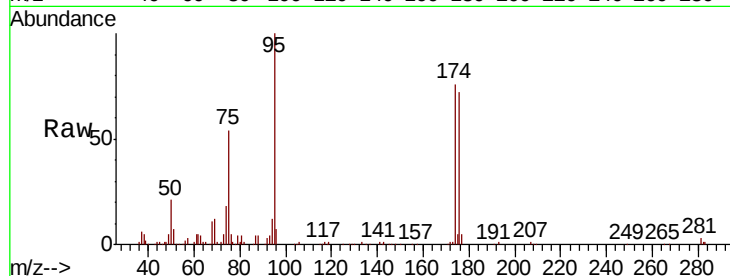
Tot Ion: 95 Resp: 186882

Ion Ratio Lower Upper

95 100

174 76.6 0.0 147.6

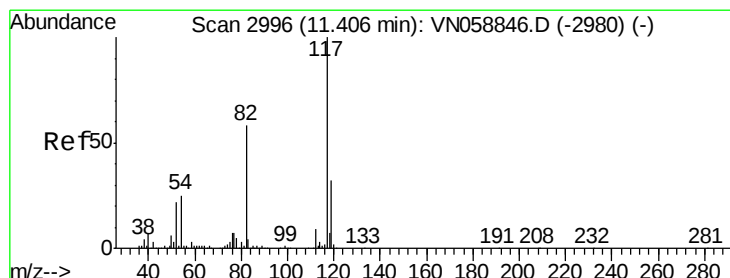
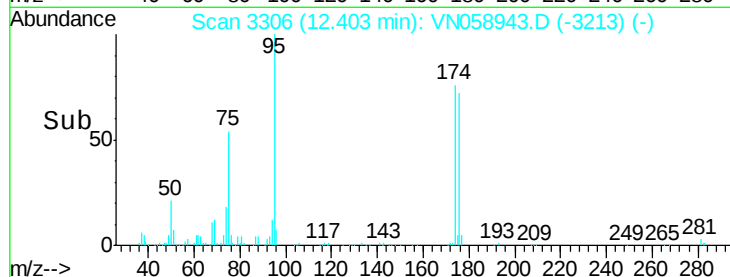
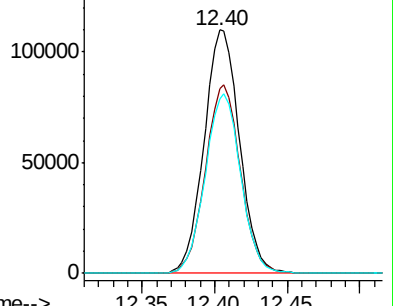
176 73.9 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058943.D

Acq: 23 Oct 2019 20:11

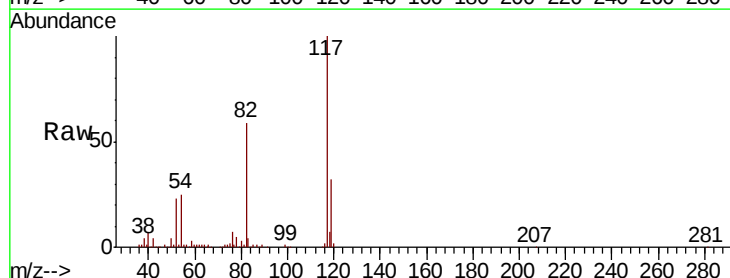
Tgt Ion: 117 Resp: 435339

Ion Ratio Lower Upper

117 100

82 59.0 46.6 69.8

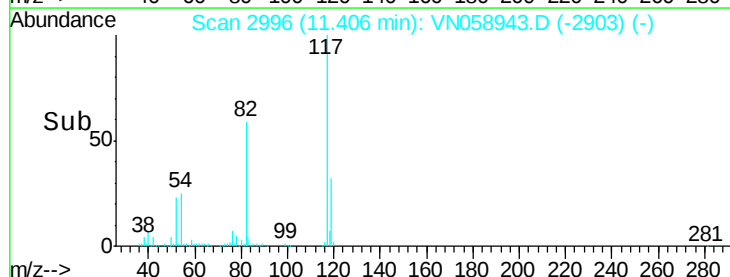
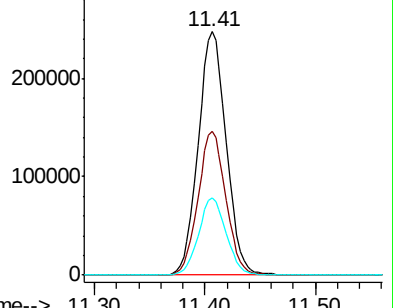
119 31.6 25.6 38.4

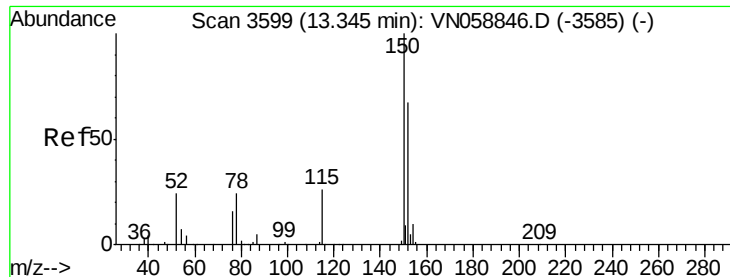


Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058943.D

Acq: 23 Oct 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

MAIN-STOCKPILE-SLP

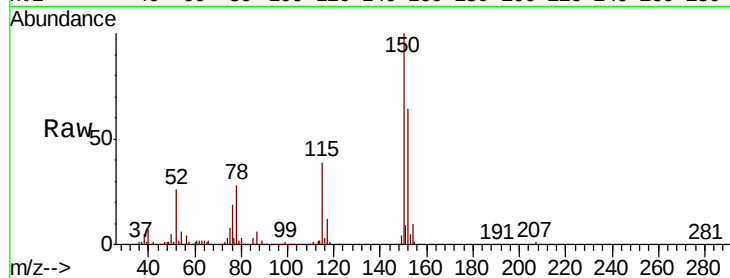
Tot Ion:152 Resp: 151805

Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

150 157.2 0.0 344.4



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

