

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057857.D
 Acq On : 10 Sep 2019 13:07
 Operator : JC/SP
 Sample : K4622-37
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-B3-(4)

Quant Time: Sep 10 13:54:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

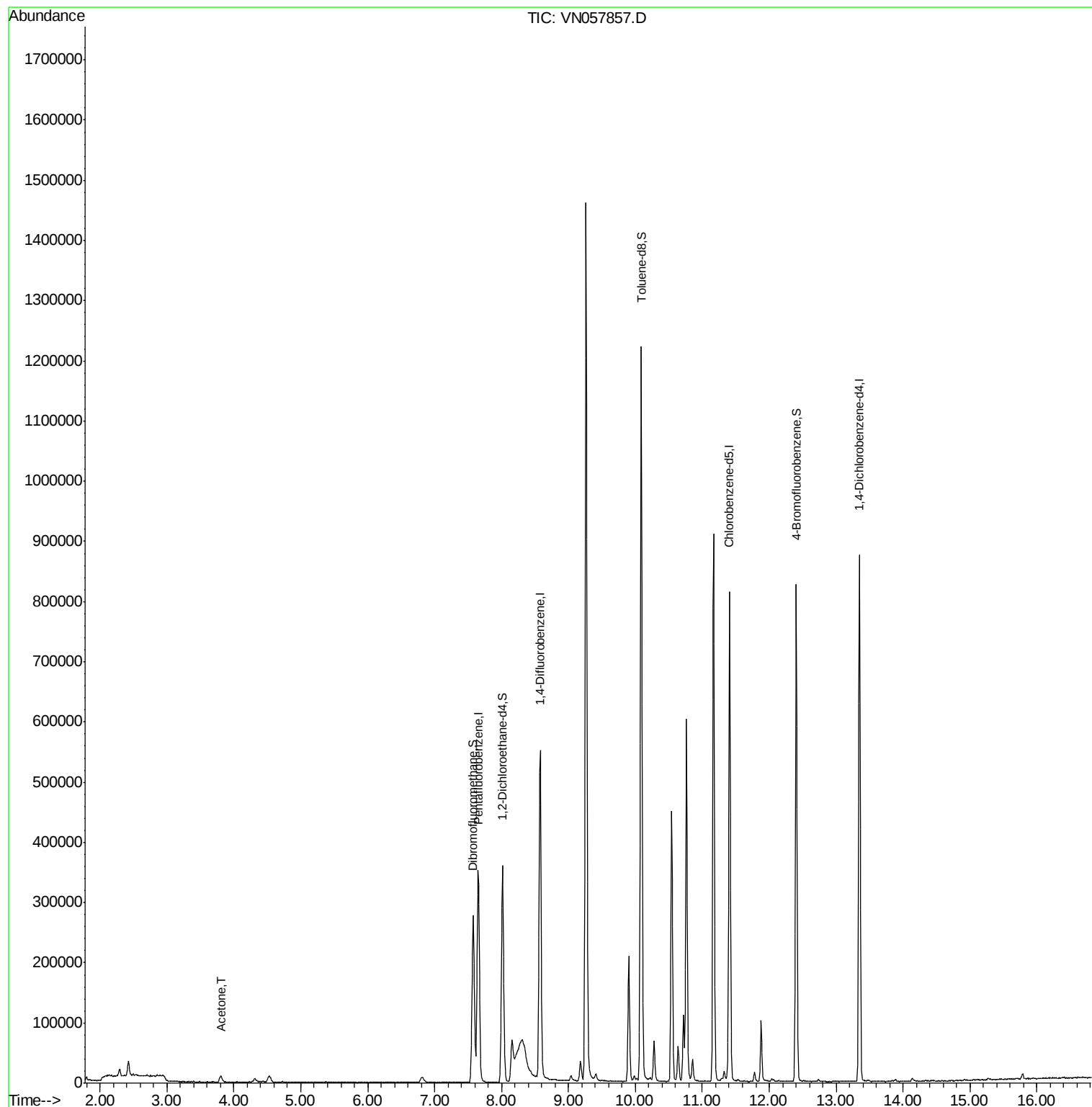
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	272638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	476912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	435258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	307035	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
35) Dibromofluoromethane	7.58	113	207059	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
50) Toluene-d8	10.09	98	824540	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.40	95	273547	42.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.00%	
Target Compounds						
16) Acetone	3.81	43	19156	10.582	ug/l	Qvalue 97

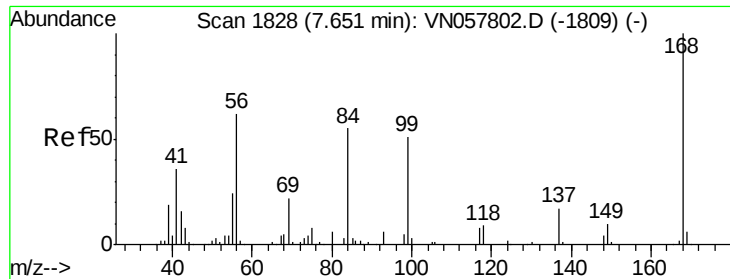
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091019\
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QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057857.D

Acq: 10 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampleId :

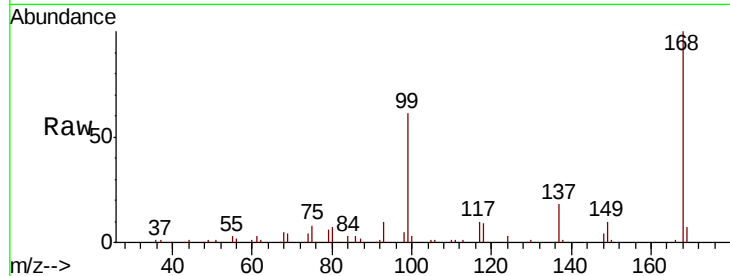
PAR-11-B3-(4)

Tot Ion:168 Resp: 272638

Ion Ratio Lower Upper

168 100

99 61.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

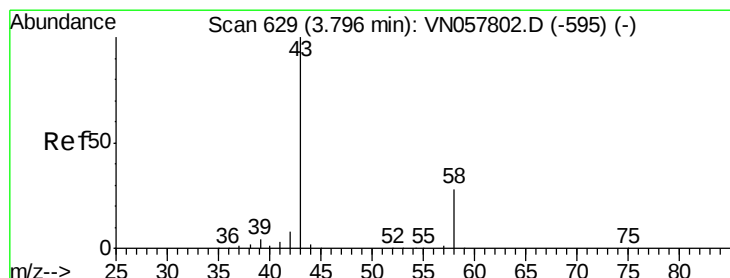
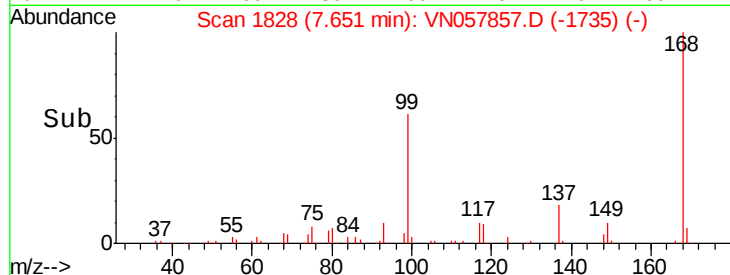
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 10.582 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057857.D

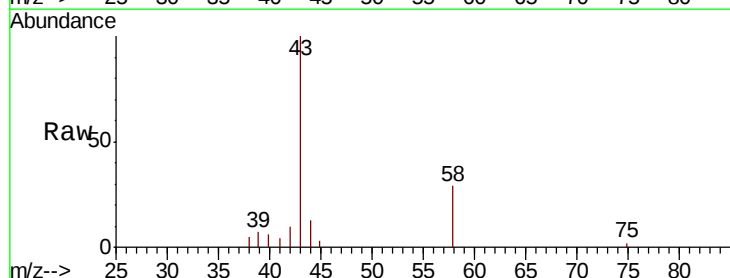
Acq: 10 Sep 2019 13:07

Tgt Ion: 43 Resp: 19156

Ion Ratio Lower Upper

43 100

58 29.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

8000

6000

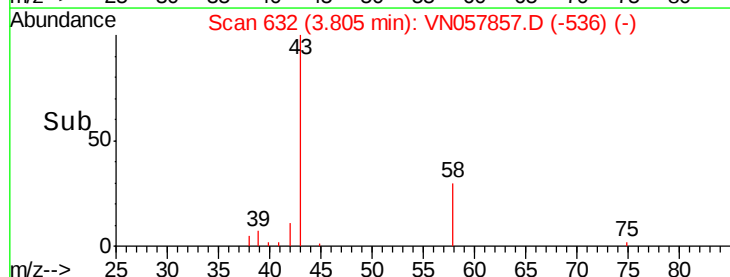
4000

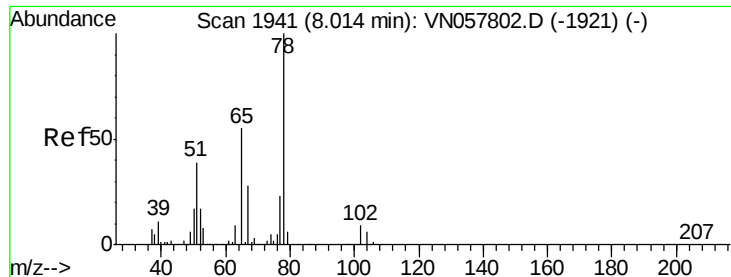
2000

0

Time-->

3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: 55.601 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057857.D

Acq: 10 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampleId :

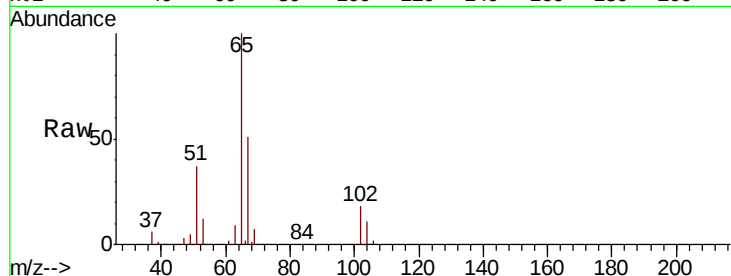
PAR-11-B3-(4)

Tot Ion: 65 Resp: 307035

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

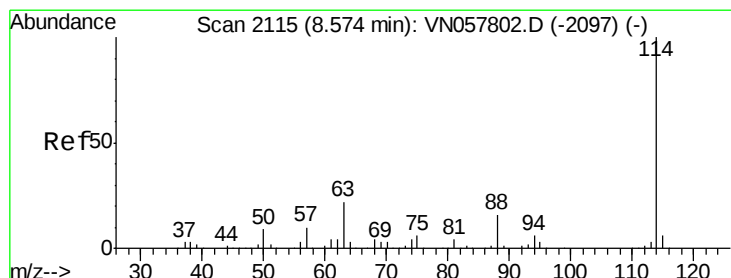
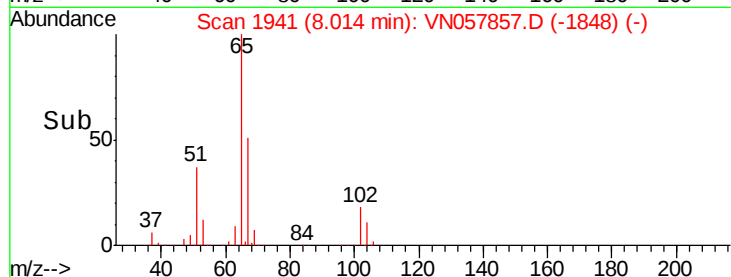
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057857.D

Acq: 10 Sep 2019 13:07

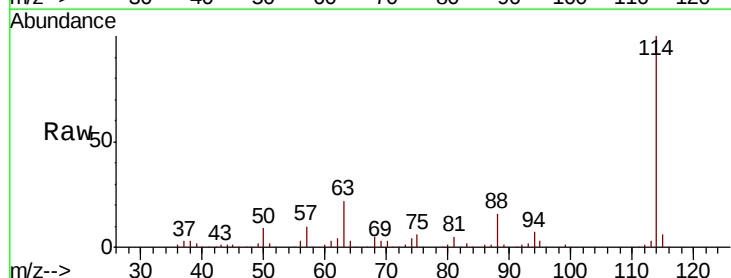
Tgt Ion: 114 Resp: 476912

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 16.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

300000

250000

200000

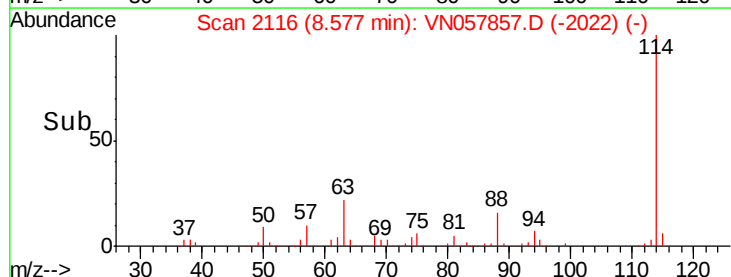
150000

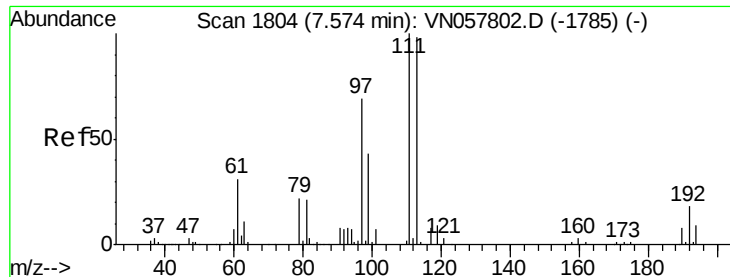
100000

50000

0

Time--> 8.50 8.60 8.70

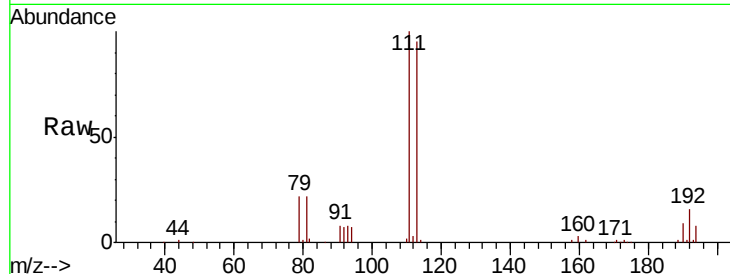




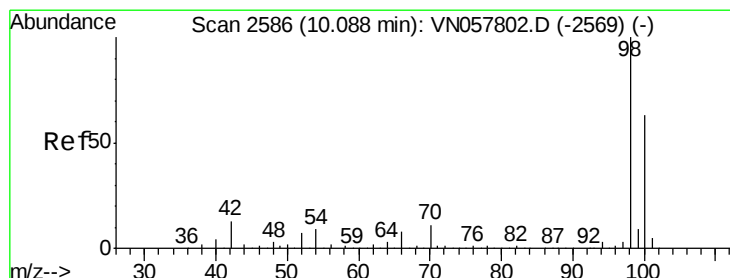
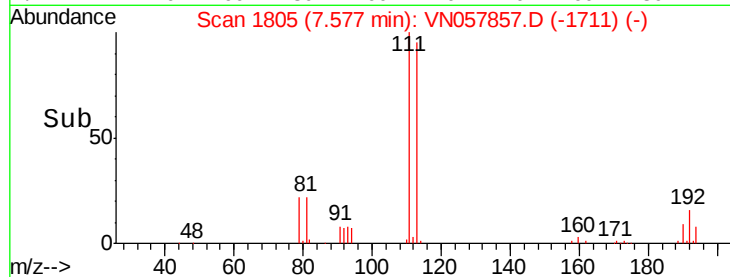
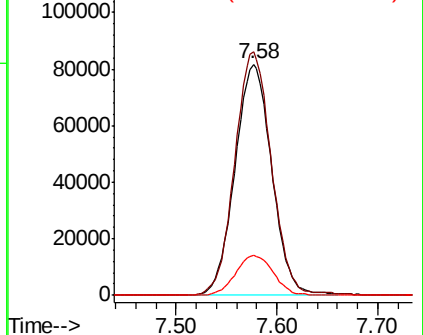
#35
Dibromofluoromethane
Concen: 47.041 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057857.D
Acq: 10 Sep 2019 13:07

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-B3-(4)

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.3	121.9
192	17.7	14.6	22.0

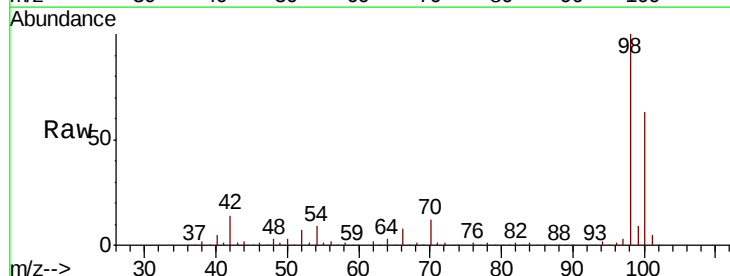


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

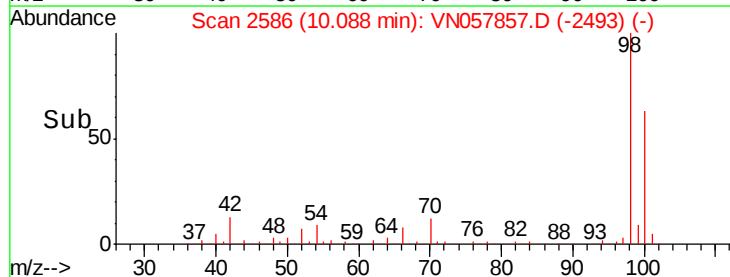
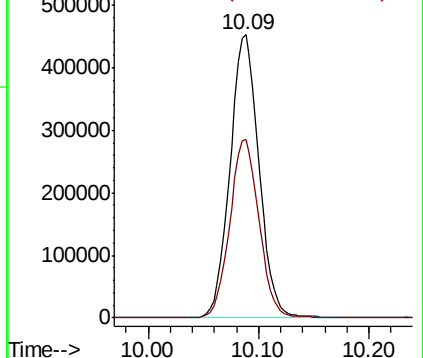


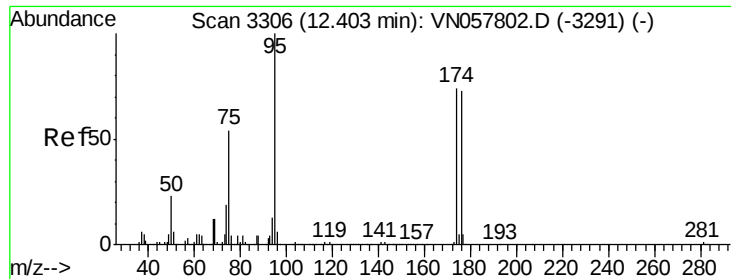
#50
Toluene-d8
Concen: 48.247 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057857.D
Acq: 10 Sep 2019 13:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.3	75.5



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





#62

4-Bromofluorobenzene

Concen: 42.002 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057857.D

Acq: 10 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampleId :

PAR-11-B3-(4)

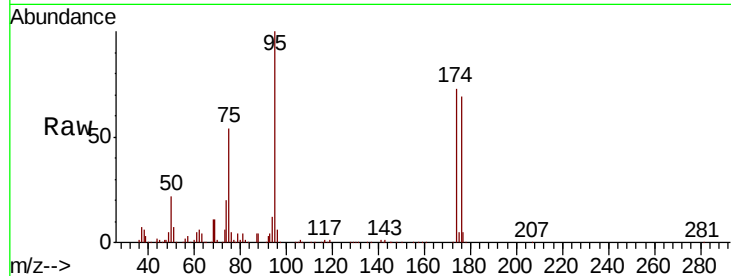
Tot Ion: 95 Resp: 273547

Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.2

176 71.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

12.40

150000

100000

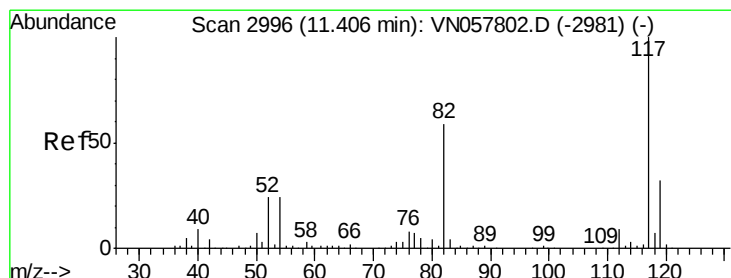
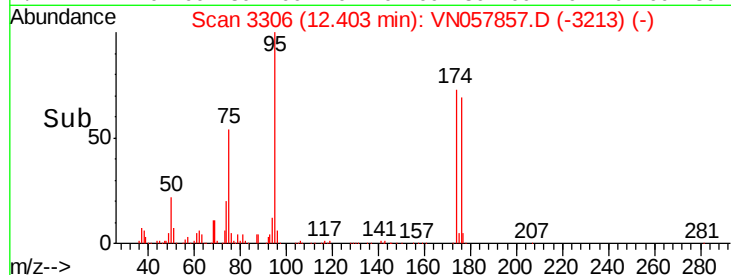
50000

0

12.40

12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057857.D

Acq: 10 Sep 2019 13:07

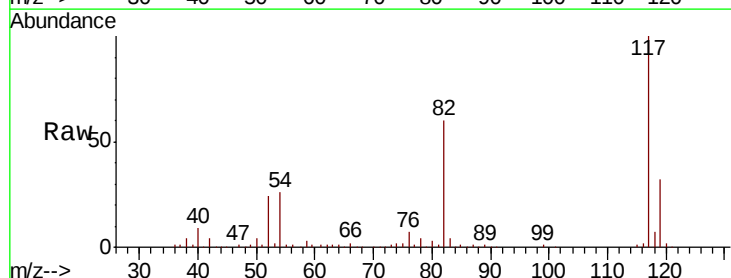
Tgt Ion: 117 Resp: 435258

Ion Ratio Lower Upper

117 100

82 60.3 47.2 70.8

119 32.2 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)

11.41

300000

200000

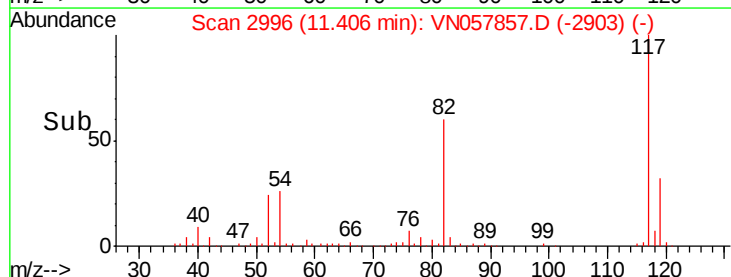
100000

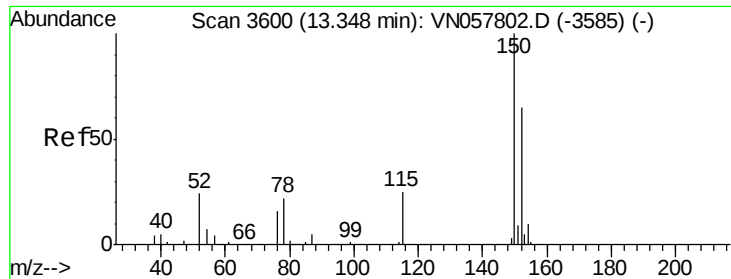
0

11.40

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057857.D

Acq: 10 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampleId :

PAR-11-B3-(4)

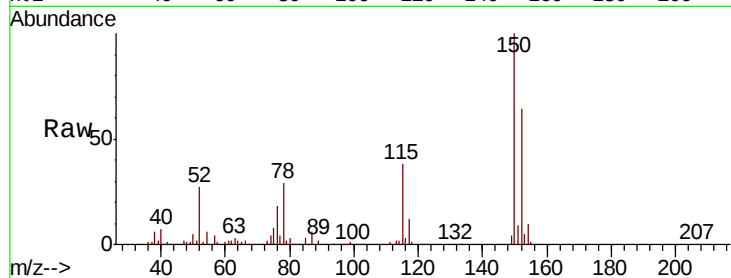
Tot Ion:152 Resp: 221299

Ion Ratio Lower Upper

152 100

115 58.6 30.3 91.0

150 156.1 0.0 352.4



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

