

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058874.D
 Acq On : 21 Oct 2019 9:59
 Operator : JC/SP
 Sample : VN1021WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBL01

Quant Time: Oct 22 03:27:47 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	423761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	678778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	602959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	229331	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	329010	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
35) Dibromofluoromethane	7.57	113	230020	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.08	98	890958	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.40	95	289349	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	

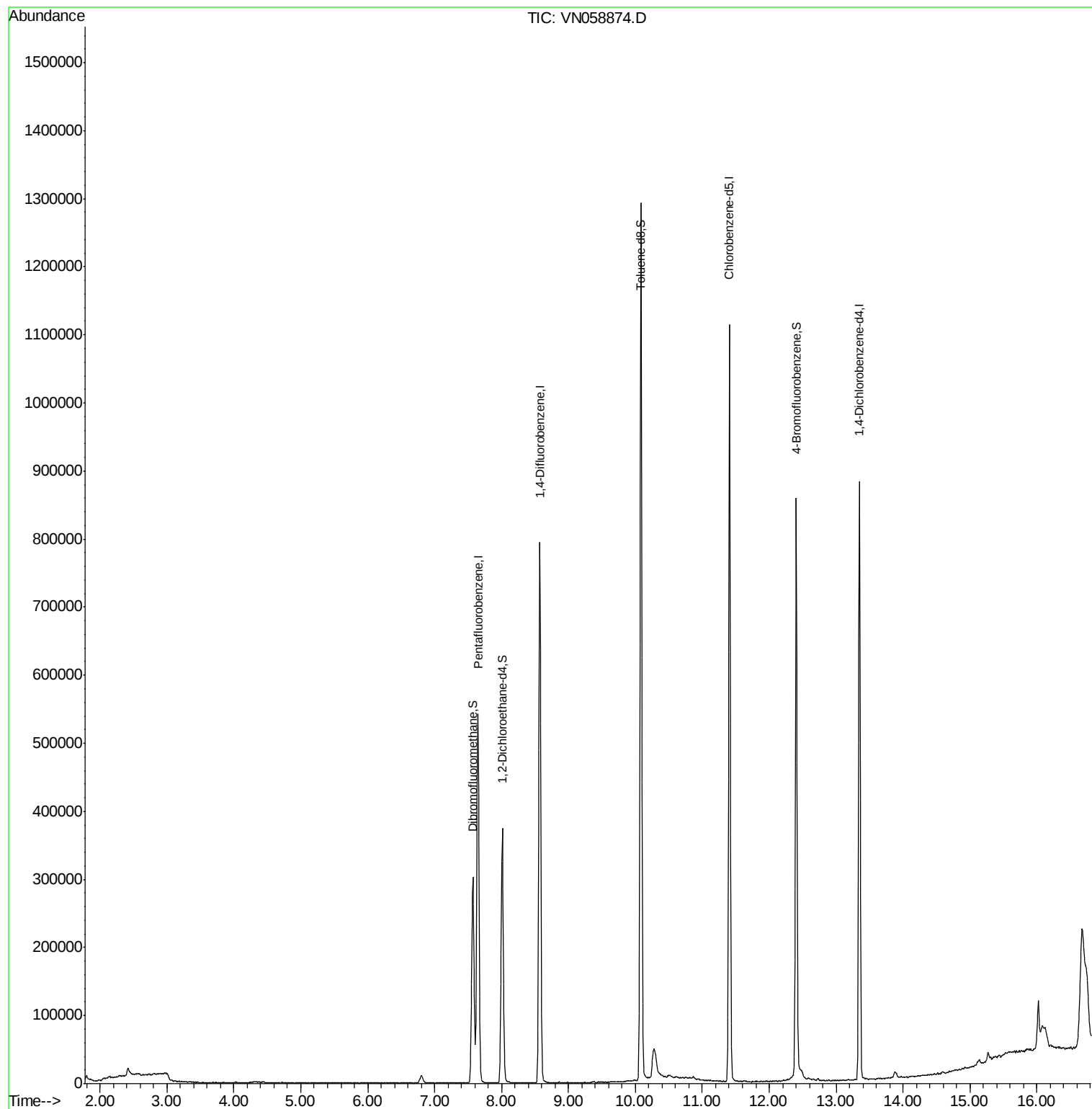
Target Compounds	Qvalue
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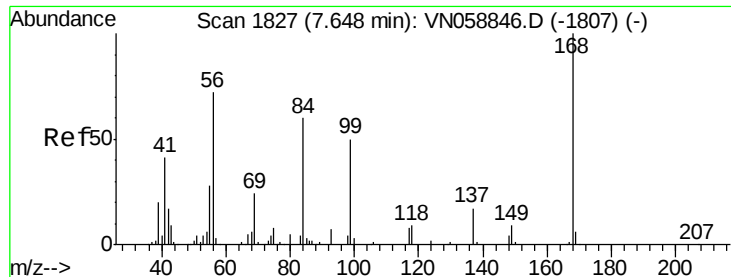
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
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: VN058874.D

Acq: 21 Oct 2019 9:59

Instrument :

MSVOA_N

ClientSampleId :

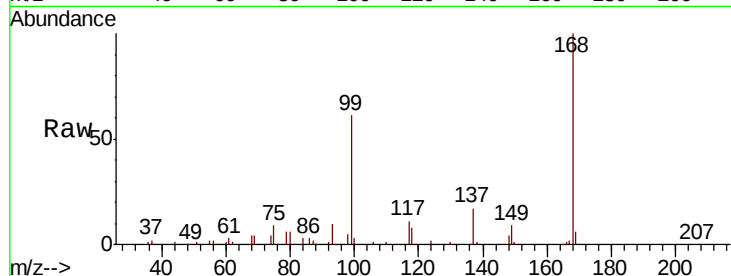
VN1021WBL01

Tot Ion:168 Resp: 423761

Ion Ratio Lower Upper

168 100

99 60.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058874.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058874.D (-1807) (-)

7.65

200000

150000

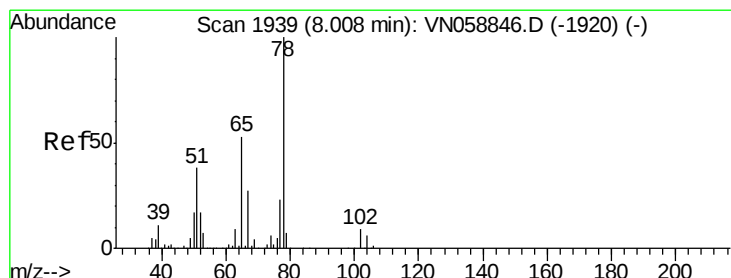
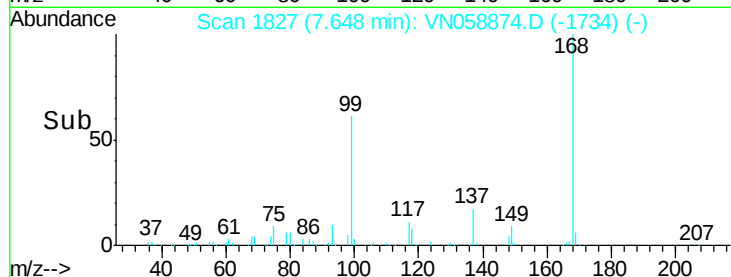
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.937 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN058874.D

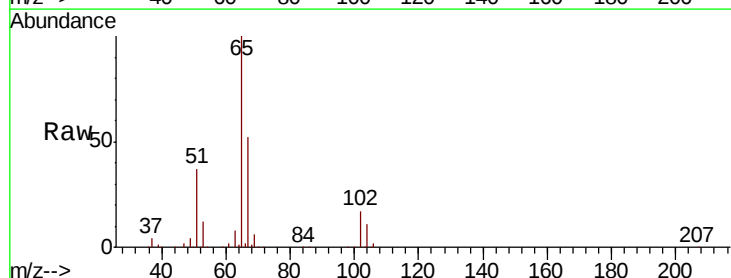
Acq: 21 Oct 2019 9:59

Tgt Ion: 65 Resp: 329010

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN058874.D (-1846) (-)

Ion 66.90 (66.60 to 67.60): VN058874.D (-1846) (-)

8.01

150000

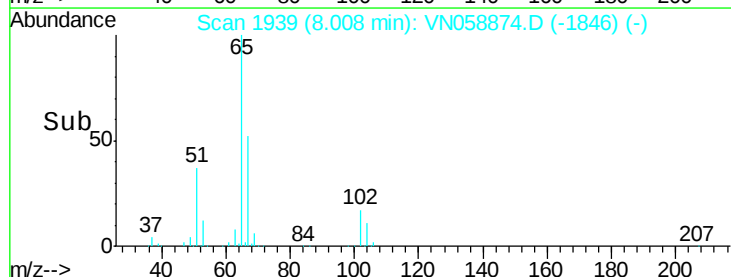
100000

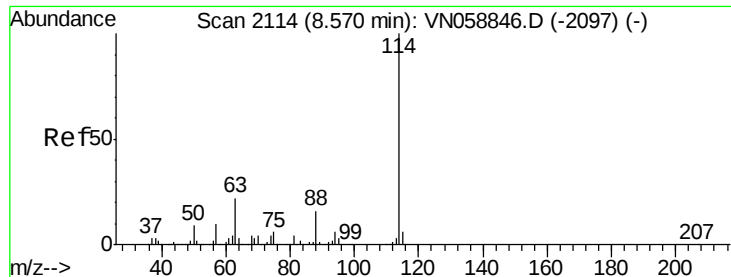
50000

0

7.90 8.00 8.10

Time-->

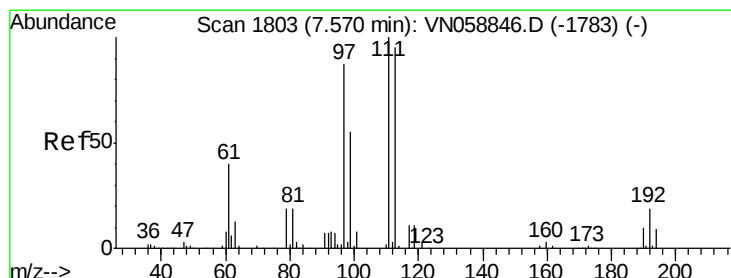
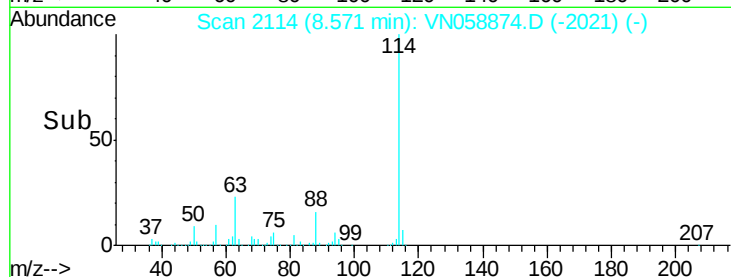
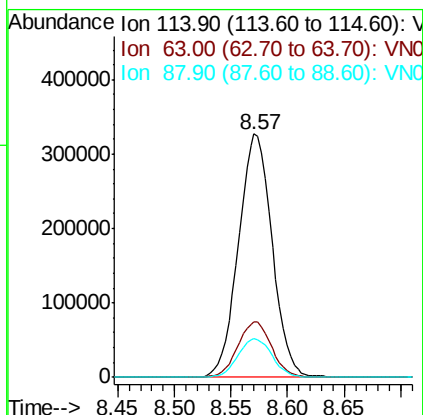
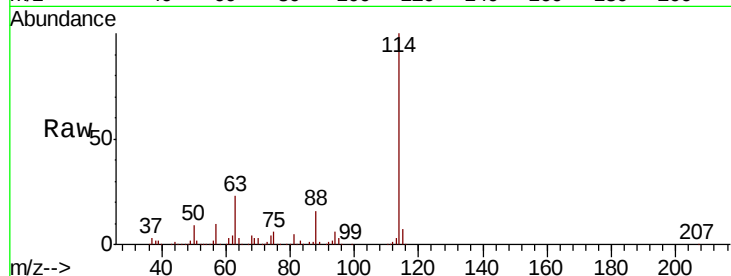




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058874.D
 Acq: 21 Oct 2019 9:59

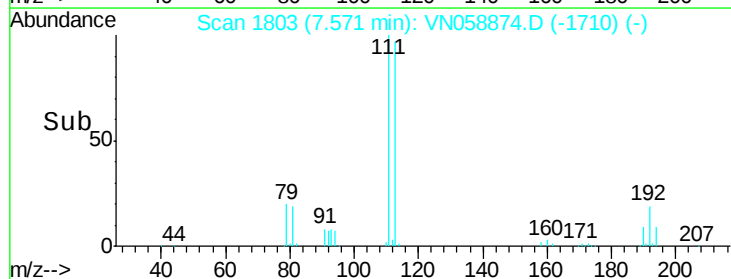
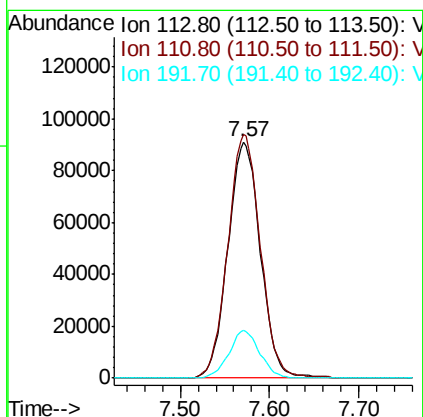
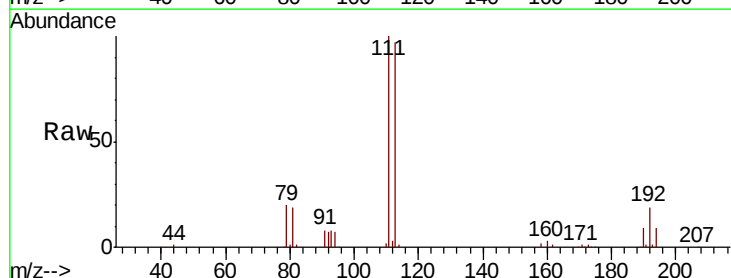
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBL01

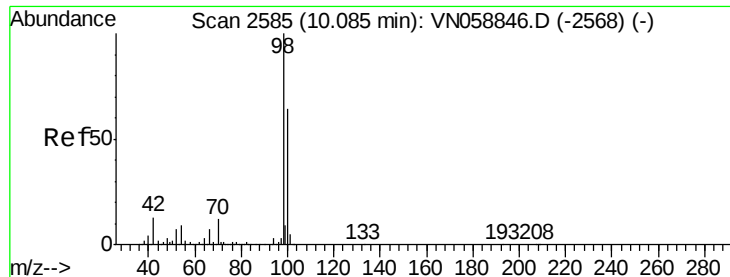
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.4
88	15.9	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 51.542 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN058874.D
 Acq: 21 Oct 2019 9:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	19.0	15.0	22.6





#50

Toluene-d8

Concen: 51.429 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058874.D

Acq: 21 Oct 2019 9:59

Instrument :

MSVOA_N

ClientSampled :

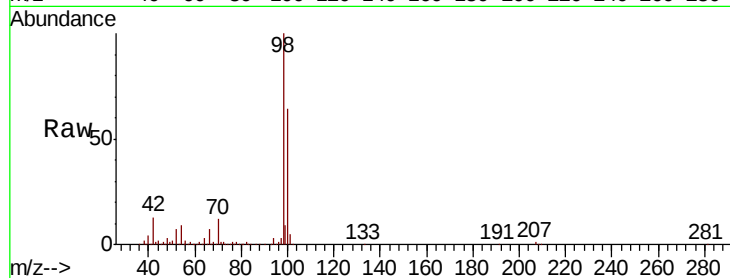
VN1021WBL01

Tot Ion: 98 Resp: 890958

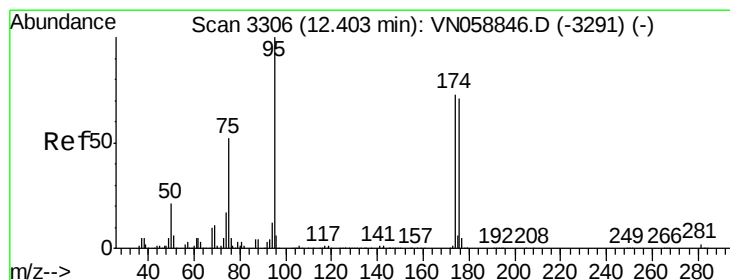
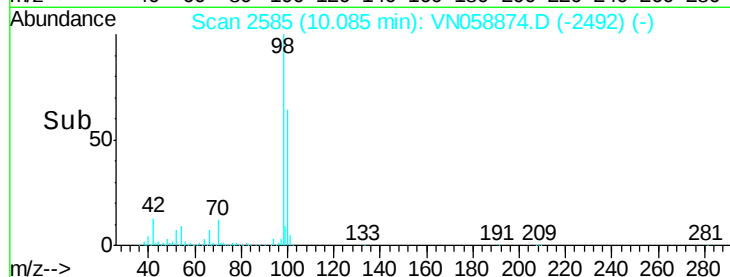
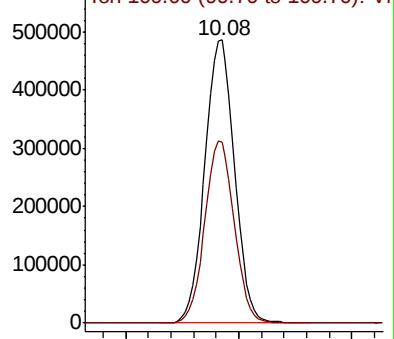
Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058874.D (-2492) (-)



#62

4-Bromofluorobenzene

Concen: 45.482 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058874.D

Acq: 21 Oct 2019 9:59

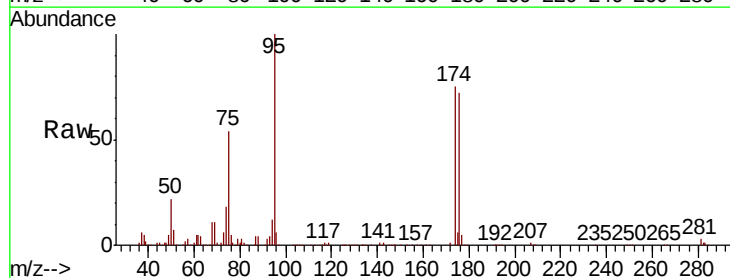
Tgt Ion: 95 Resp: 289349

Ion Ratio Lower Upper

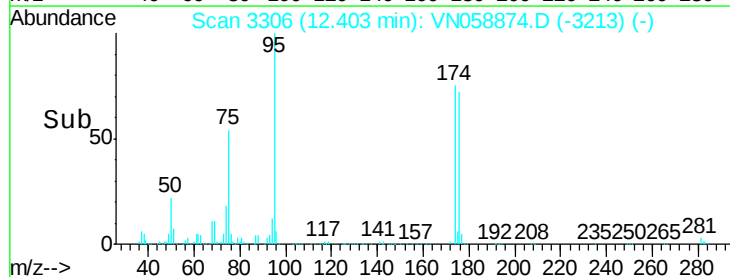
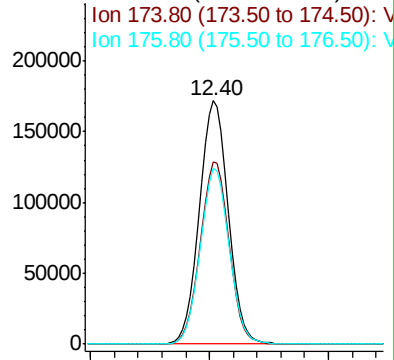
95 100

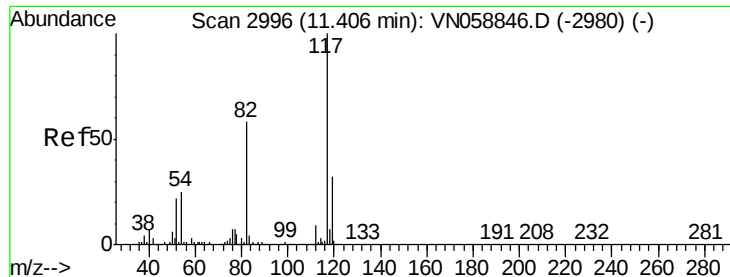
174 74.9 0.0 147.6

176 72.6 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058874.D (-3213) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058874.D

Acq: 21 Oct 2019 9:59

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBL01

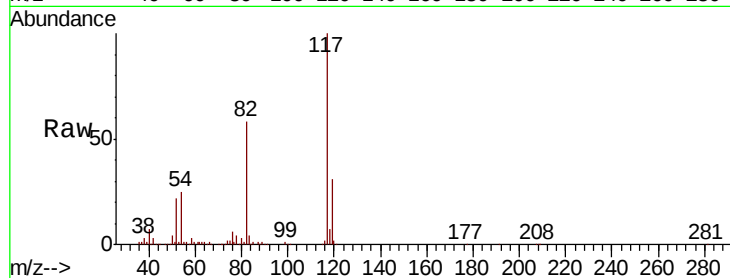
Tot Ion:117 Resp: 602959

Ion Ratio Lower Upper

117 100

82 58.3 46.6 69.8

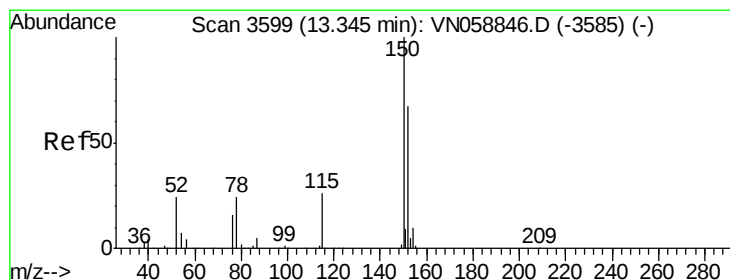
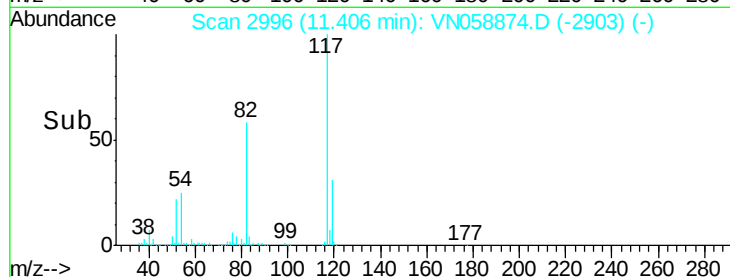
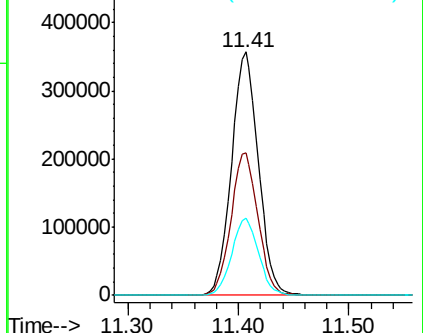
119 31.5 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058874.D

Acq: 21 Oct 2019 9:59

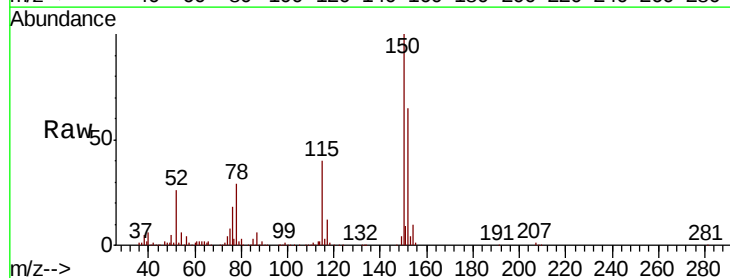
Tgt Ion:152 Resp: 229331

Ion Ratio Lower Upper

152 100

115 61.0 30.5 91.5

150 156.8 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

