

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055857.D
 Acq On : 28 May 2019 17:02
 Operator : JC/SP
 Sample : K3019-01
 Misc : 4.78g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-3422

Quant Time: May 29 06:01:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	355547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	510405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	462757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189698	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	168791	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
35) Dibromofluoromethane	7.59	113	151405	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	10.09	98	604331	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.40	95	200155	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

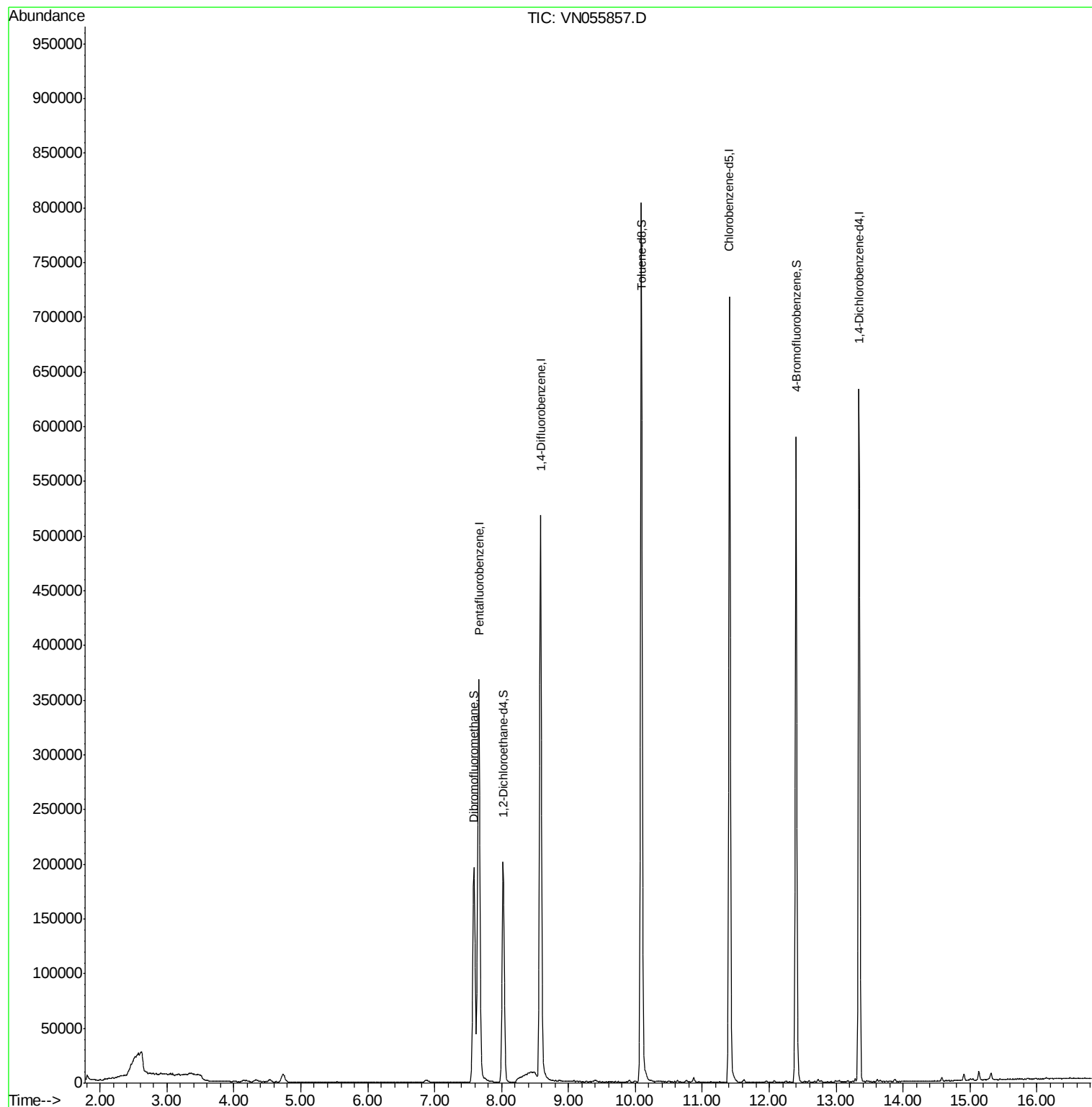
Target Compounds	Qvalue

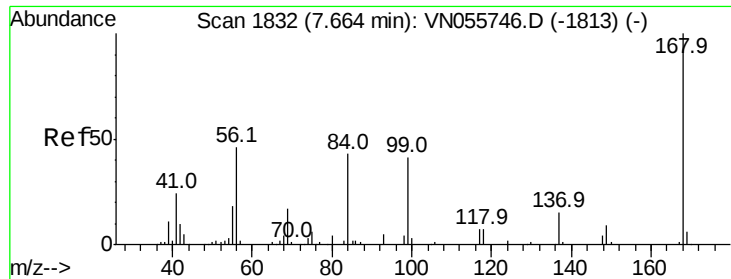
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055857.D

Acq: 28 May 2019 17:02

Instrument :

MSVOA_N

ClientSampled :

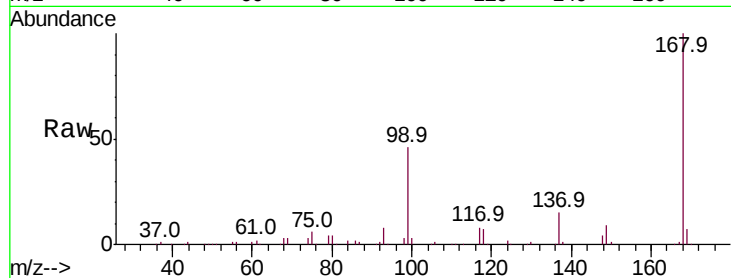
RT-3422

Tot Ion:168 Resp: 355547

Ion Ratio Lower Upper

168 100

99 45.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

150000

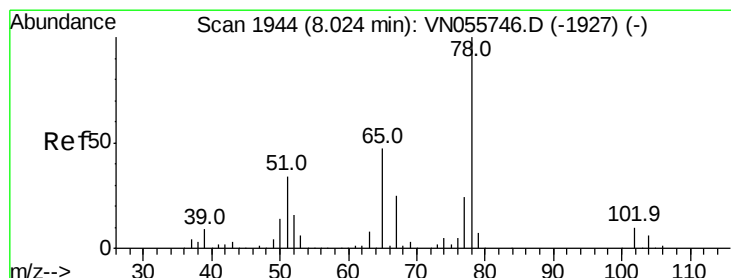
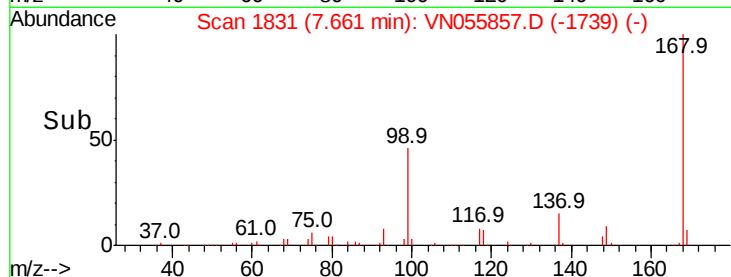
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.969 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN055857.D

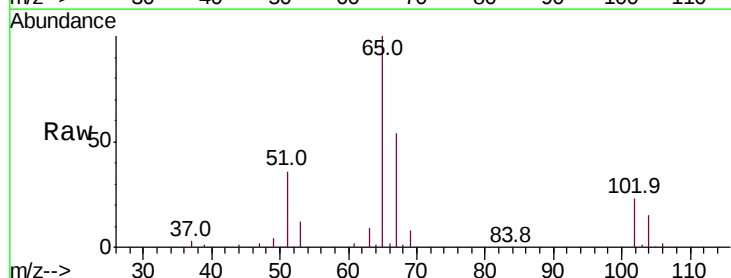
Acq: 28 May 2019 17:02

Tgt Ion: 65 Resp: 168791

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055746.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055746.D (-1927) (-)

8.02

80000

60000

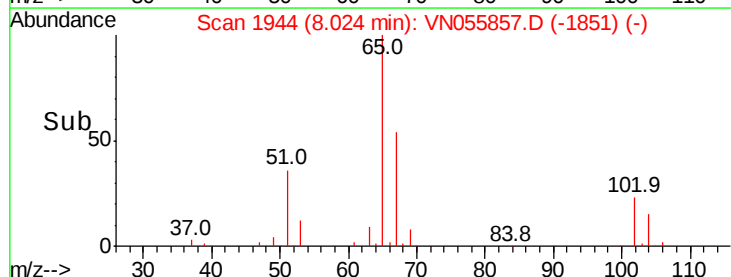
40000

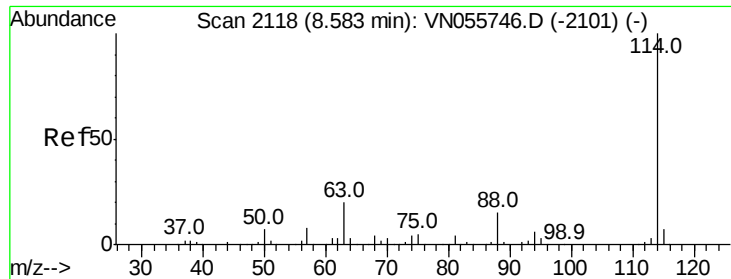
20000

0

7.90 8.00 8.10

Time-->

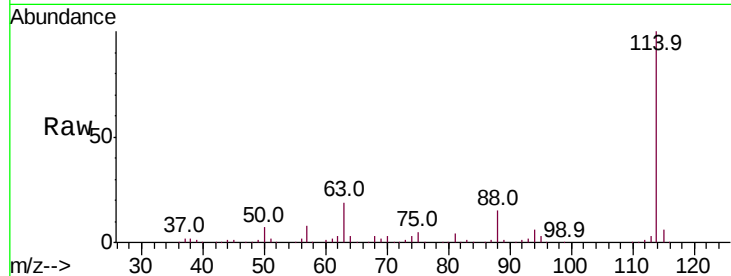




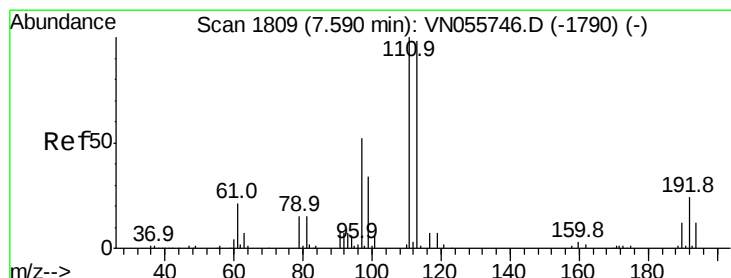
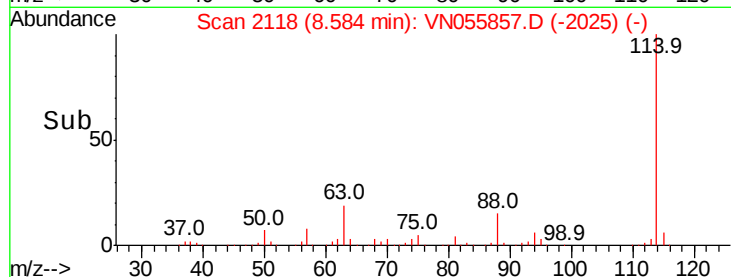
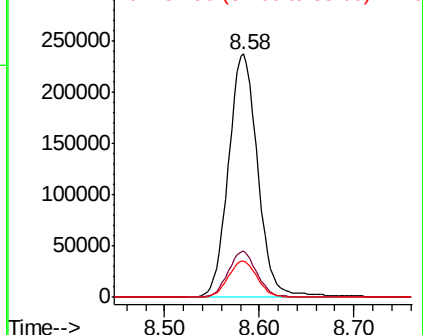
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055857.D
 Acq: 28 May 2019 17:02

Instrument :
 MSVOA_N
 ClientSampled :
 RT-3422

Tot Ion:114 Resp: 510405
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.1 0.0 31.0

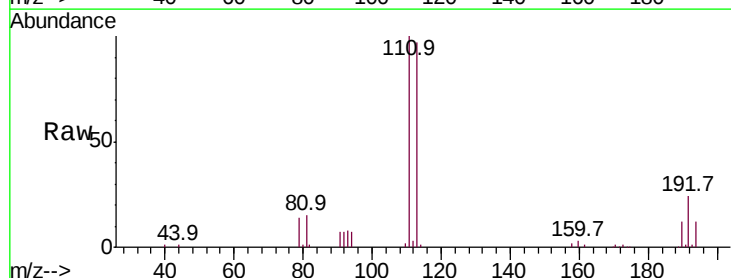


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

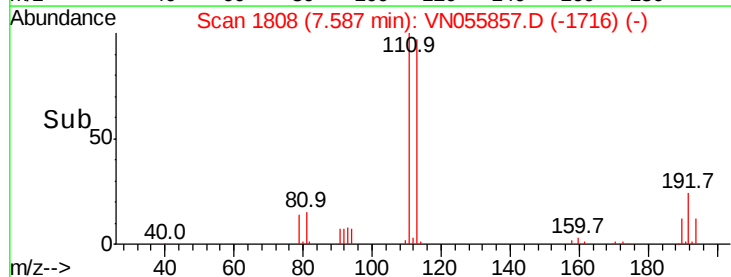
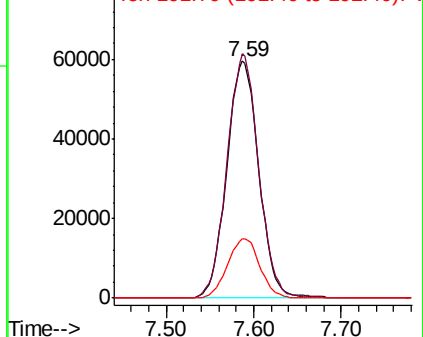


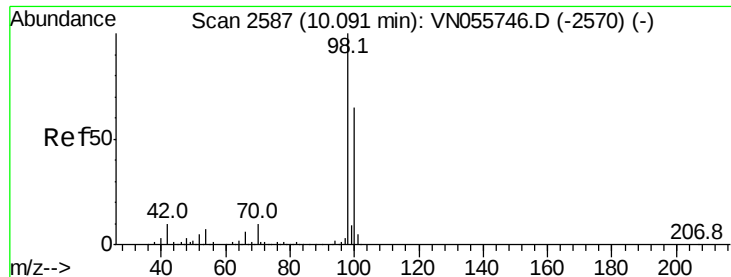
#35
 Dibromofluoromethane
 Concen: 46.919 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN055857.D
 Acq: 28 May 2019 17:02

Tgt Ion:113 Resp: 151405
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.9 122.9
 192 25.1 19.5 29.3



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: 48.822 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055857.D

Acq: 28 May 2019 17:02

Instrument :

MSVOA_N

ClientSampleId :

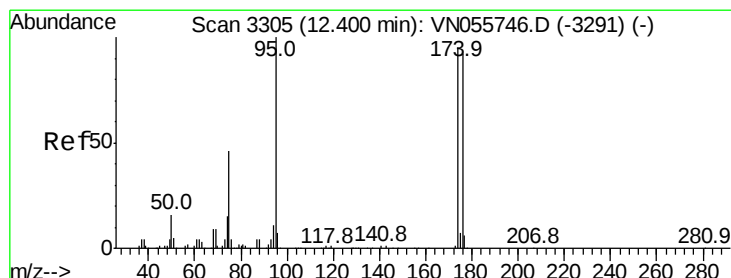
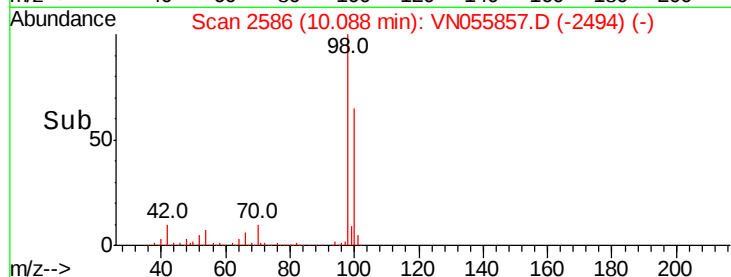
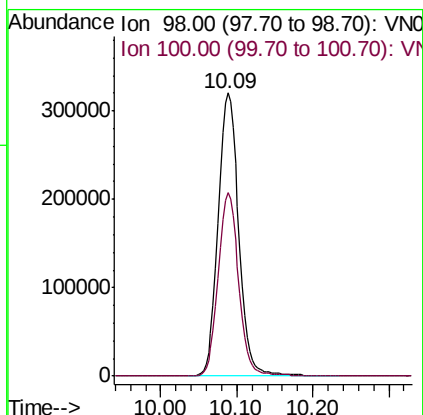
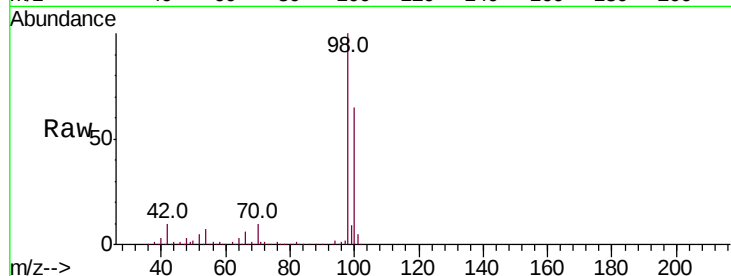
RT-3422

Tot Ion: 98 Resp: 604331

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 47.158 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055857.D

Acq: 28 May 2019 17:02

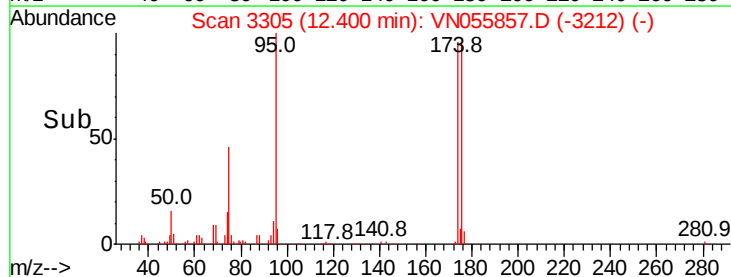
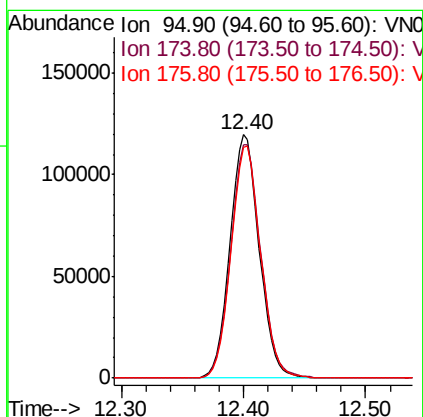
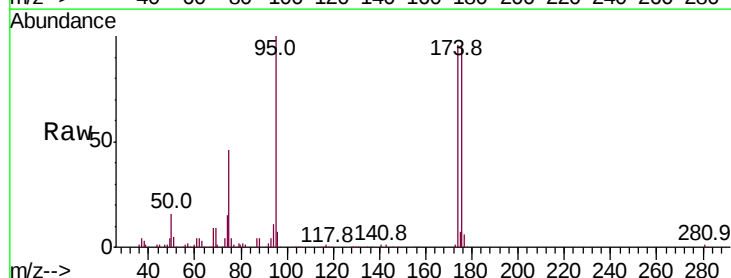
Tgt Ion: 95 Resp: 200155

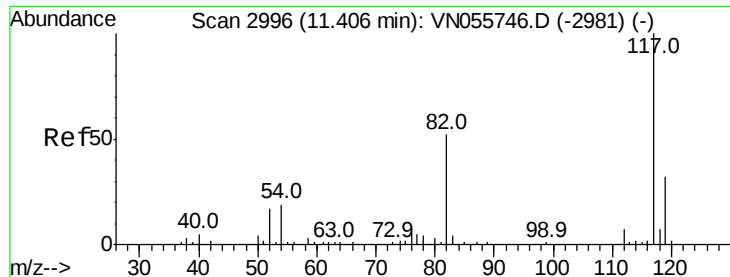
Ion Ratio Lower Upper

95 100

174 98.2 0.0 191.0

176 96.2 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055857.D

Acq: 28 May 2019 17:02

Instrument :

MSVOA_N

ClientSampleId :

RT-3422

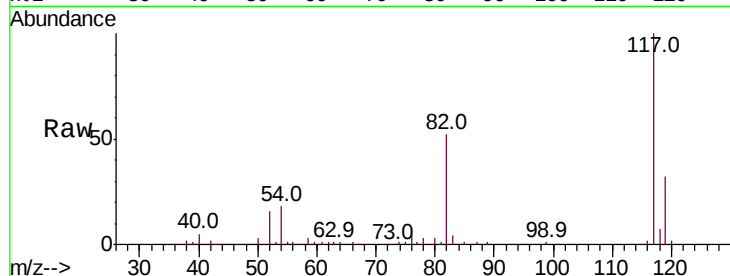
Tot Ion:117 Resp: 462757

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.8

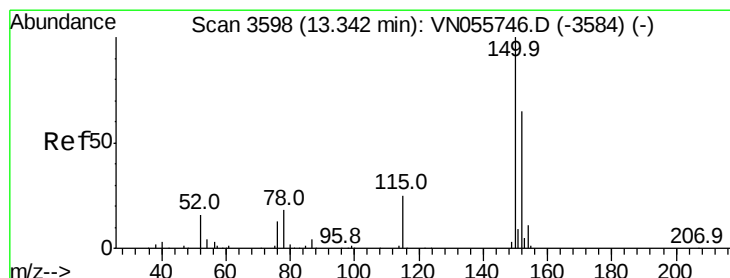
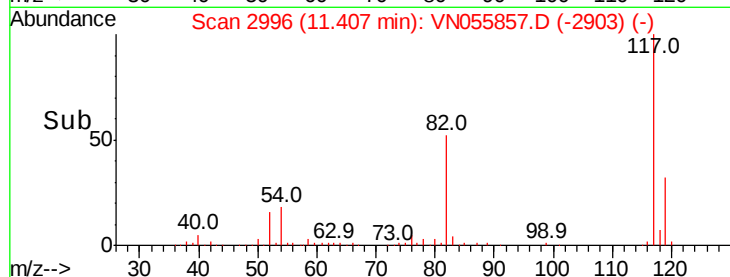
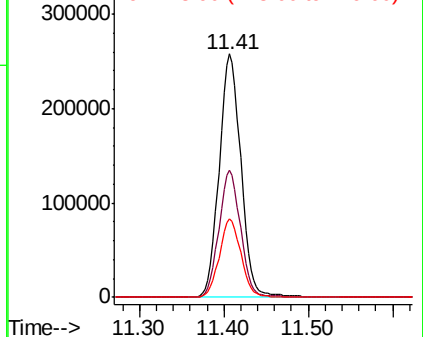
119 32.0 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055857.D

Acq: 28 May 2019 17:02

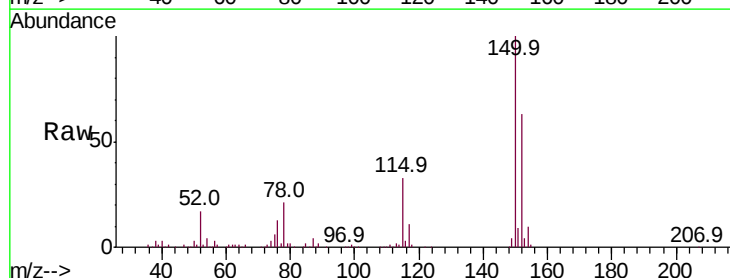
Tgt Ion:152 Resp: 189698

Ion Ratio Lower Upper

152 100

115 52.5 27.0 81.0

150 158.0 0.0 343.2



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

