

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055636.D
 Acq On : 18 May 2019 2:35
 Operator : JC/SP
 Sample : VN0517WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBL02

Quant Time: May 18 04:37:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	414033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	584925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	488343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	190109	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	191204	42.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.26%	
35) Dibromofluoromethane	7.59	113	176996	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	10.09	98	676677	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	12.40	95	211810	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.32%	

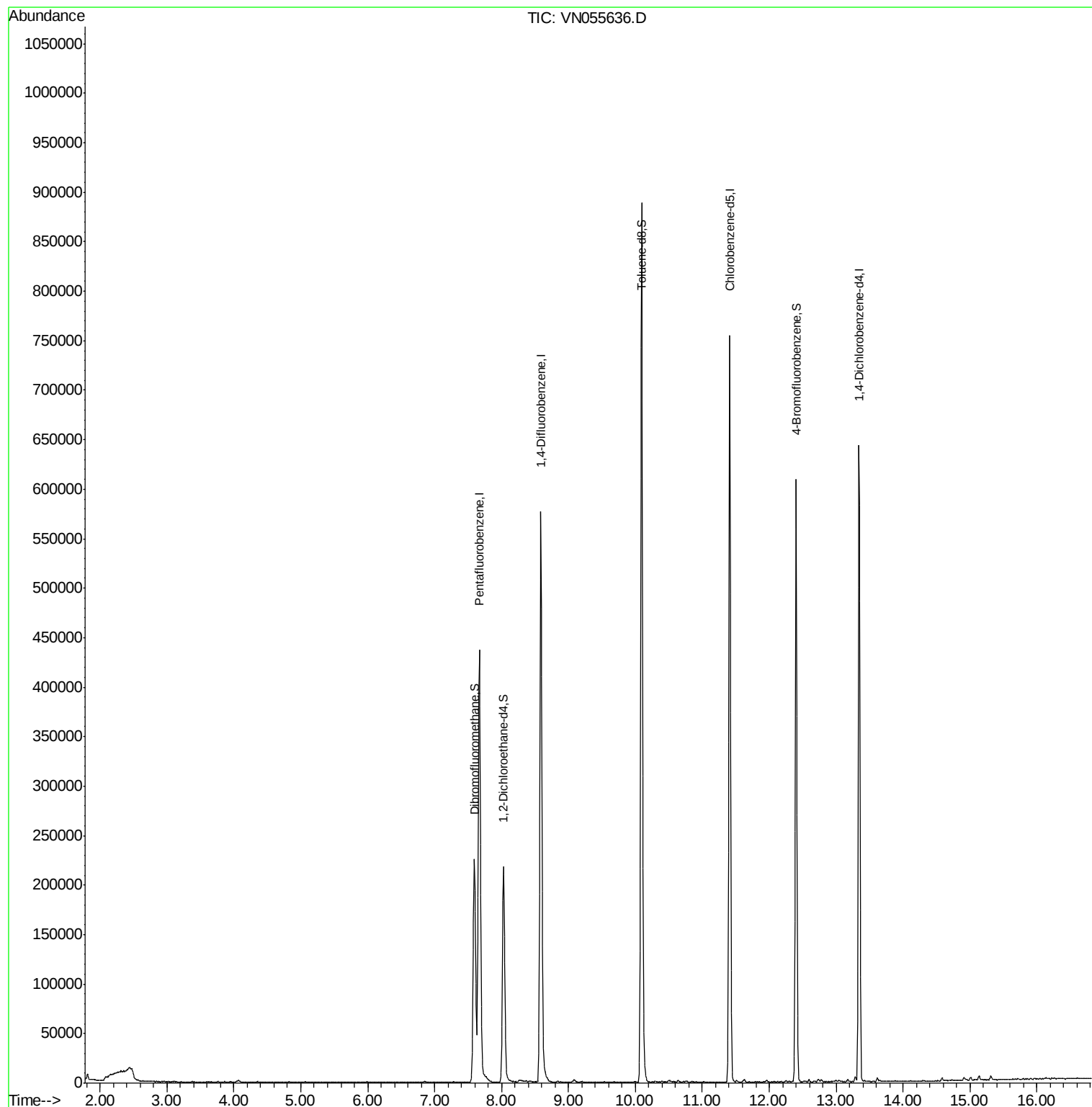
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055636.D

Acq: 18 May 2019 2:35

Instrument :

MSVOA_N

ClientSampleId :

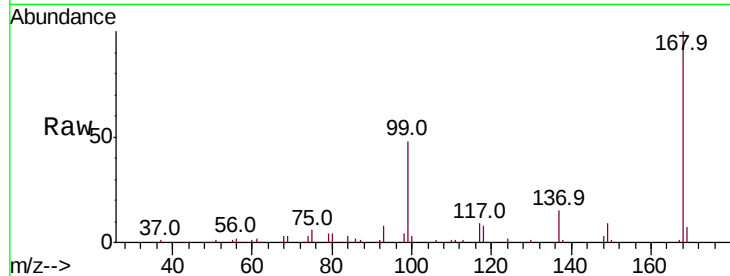
VN0517WBL02

Tot Ion:168 Resp: 414033

Ion Ratio Lower Upper

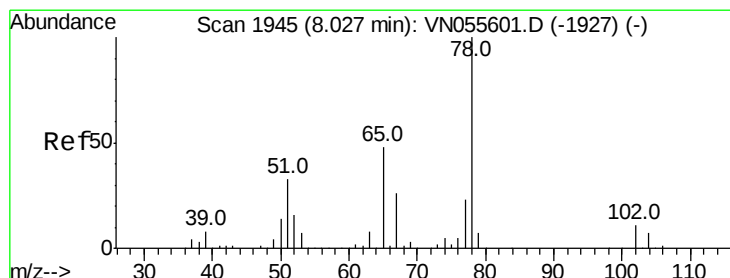
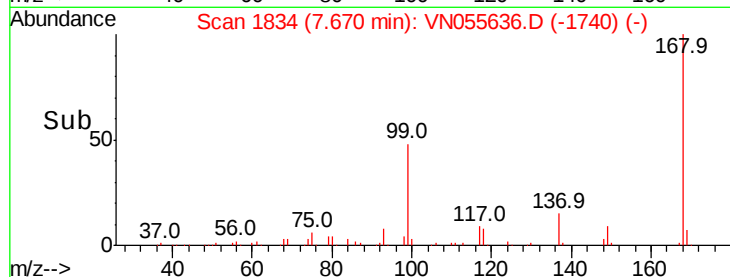
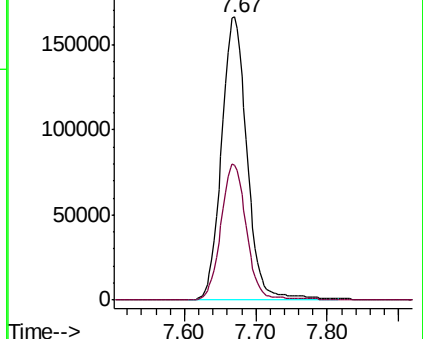
168 100

99 47.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 42.128 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055636.D

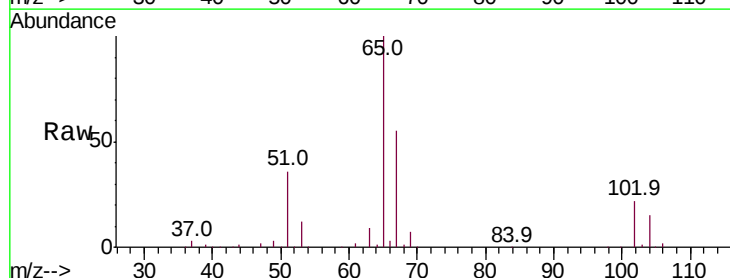
Acq: 18 May 2019 2:35

Tgt Ion: 65 Resp: 191204

Ion Ratio Lower Upper

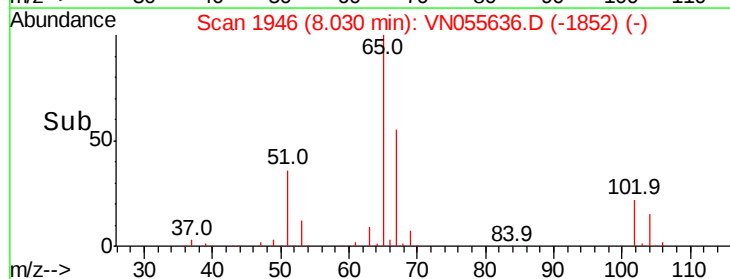
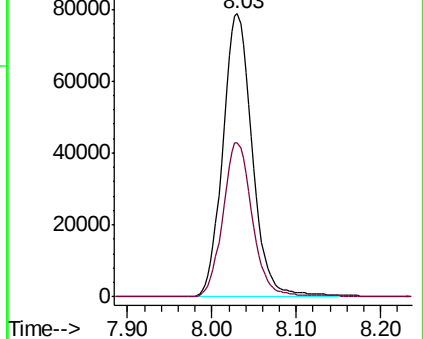
65 100

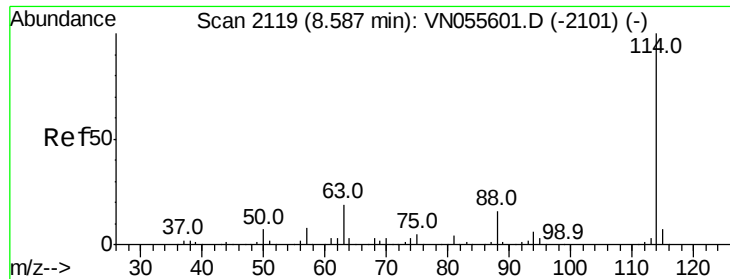
67 54.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN

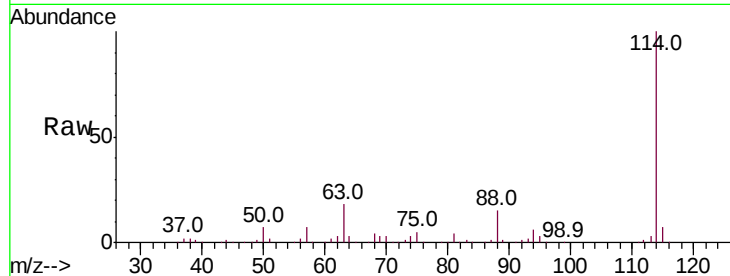




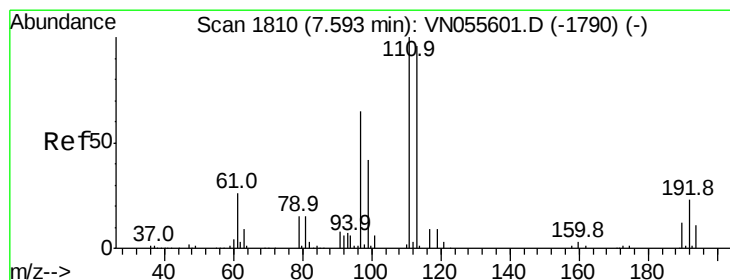
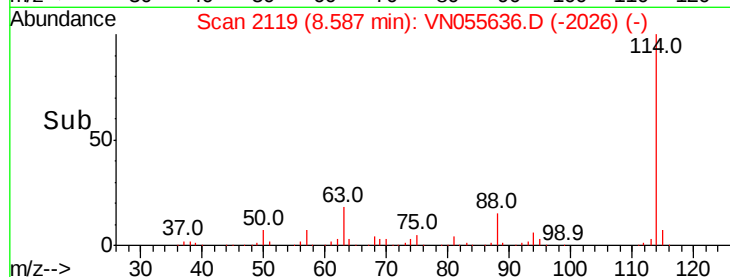
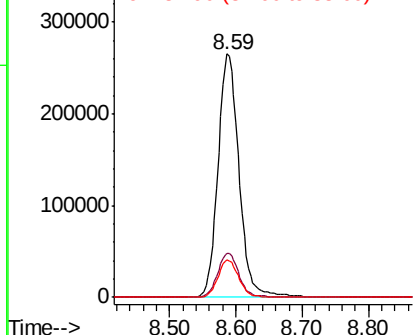
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055636.D
 Acq: 18 May 2019 2:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.2
88	15.5	0.0	31.0

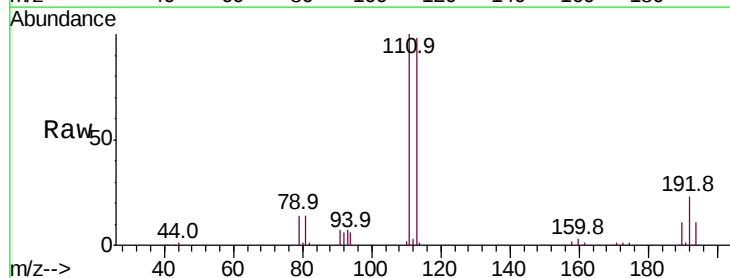


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

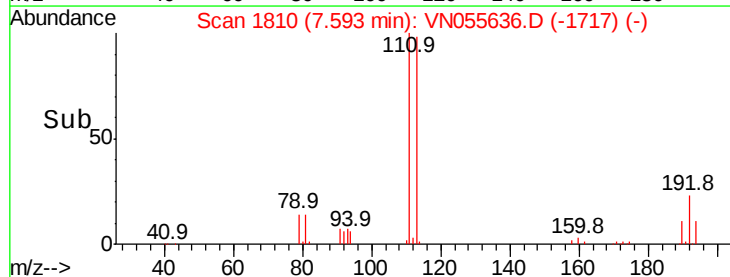
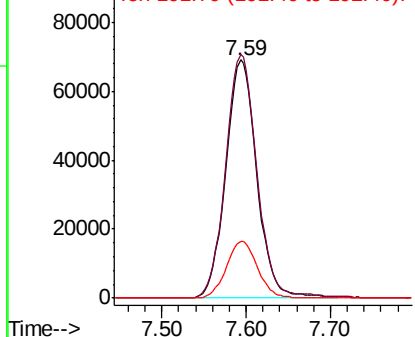


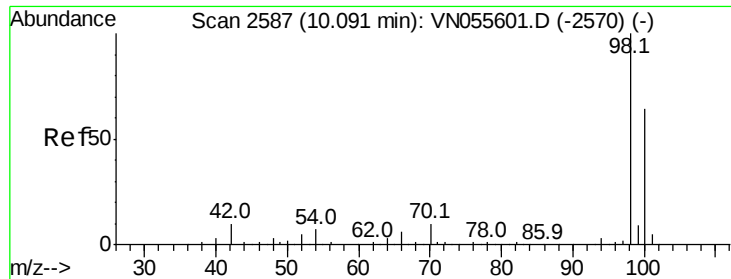
#35
 Dibromofluoromethane
 Concen: 47.635 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055636.D
 Acq: 18 May 2019 2:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.5	123.7
192	23.8	18.7	28.1



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: 48.164 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055636.D

Acq: 18 May 2019 2:35

Instrument :

MSVOA_N

ClientSampleId :

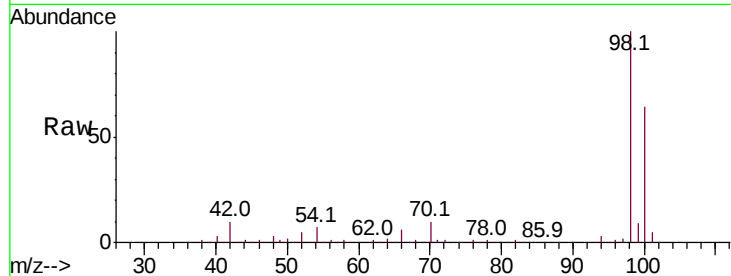
VN0517WBL02

Tot Ion: 98 Resp: 676677

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)

10.09

400000

300000

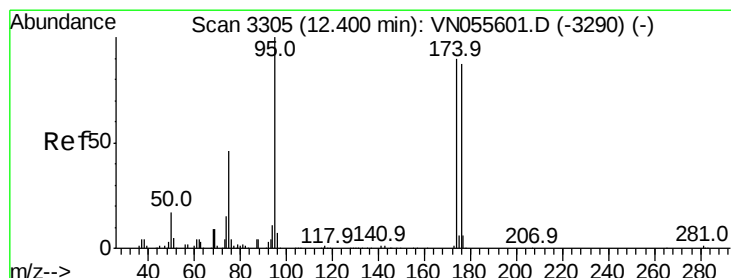
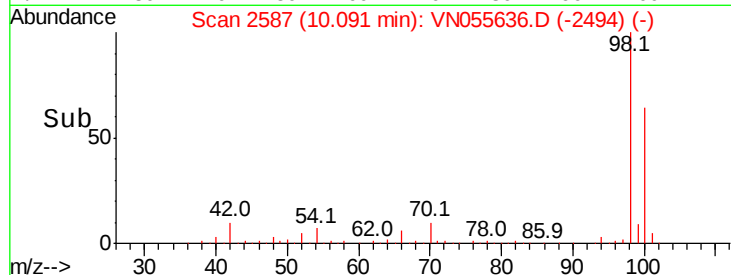
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 43.658 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055636.D

Acq: 18 May 2019 2:35

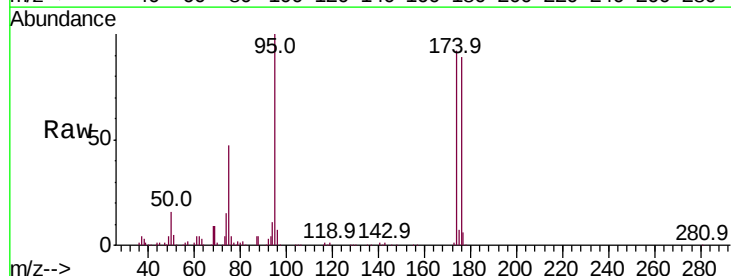
Tgt Ion: 95 Resp: 211810

Ion Ratio Lower Upper

95 100

174 92.8 0.0 180.6

176 90.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055601.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN055601.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN055601.D (-3290) (-)

12.40

150000

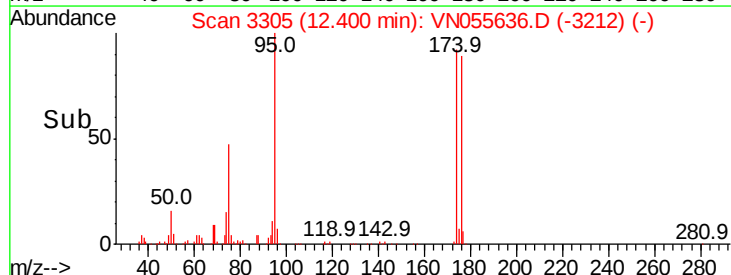
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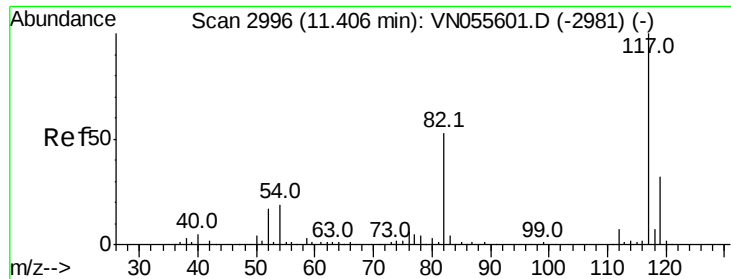
50000

0

Time-->

12.40 12.50

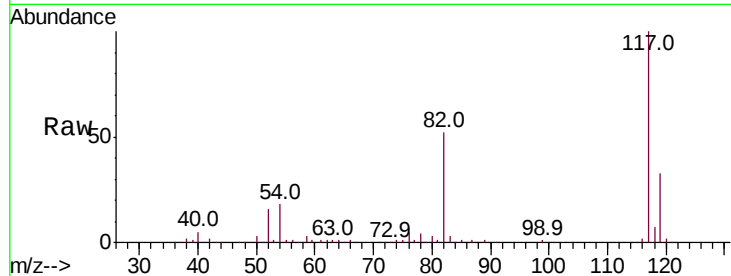




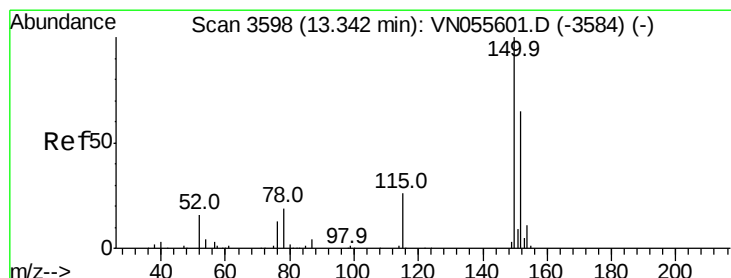
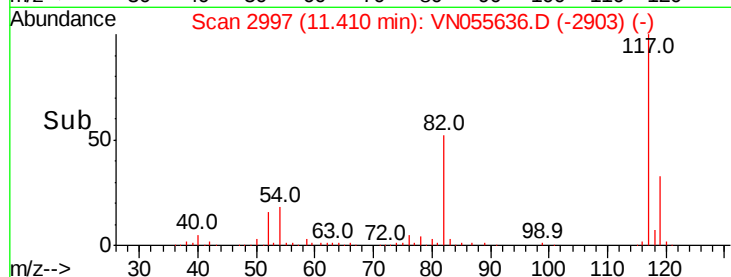
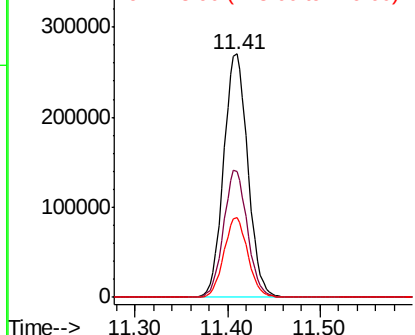
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055636.D
Acq: 18 May 2019 2:35

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBL02

Tot Ion:117 Resp: 488343
Ion Ratio Lower Upper
117 100
82 51.9 42.3 63.5
119 32.6 25.4 38.2

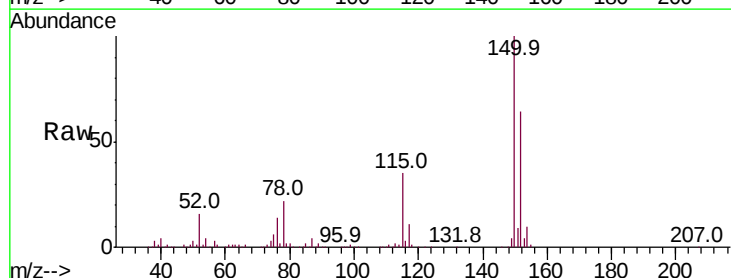


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055636.D
Acq: 18 May 2019 2:35

Tgt Ion:152 Resp: 190109
Ion Ratio Lower Upper
152 100
115 55.4 28.1 84.2
150 157.6 0.0 348.0



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

