

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055436.D
 Acq On : 7 May 2019 14:39
 Operator : JC/SP
 Sample : K2658-20 40X
 Misc : 6.31g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W5-6(17-20)

Quant Time: May 08 06:52:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

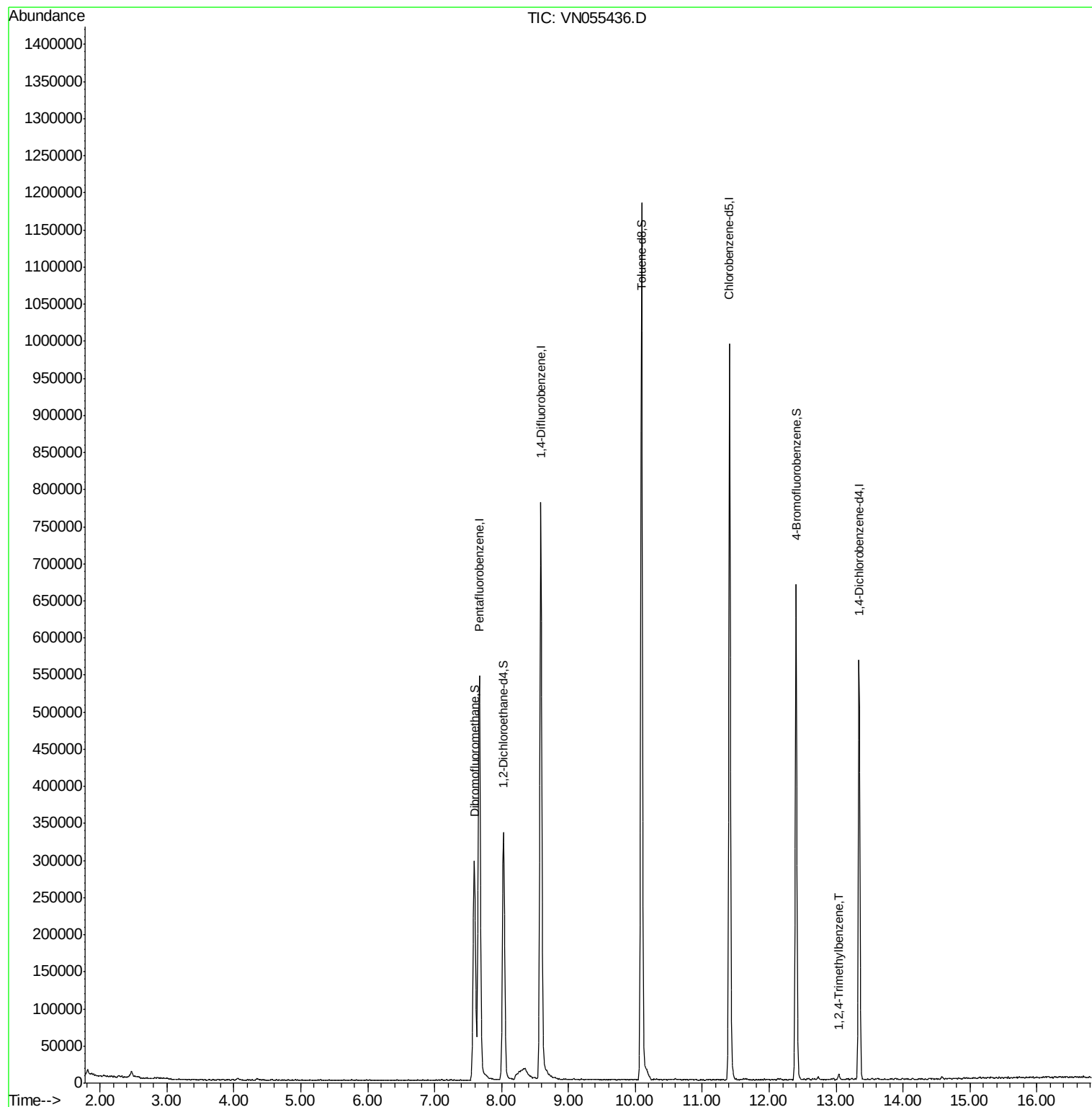
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	451363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	695005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	292463	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	7.59	113	224729	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.09	98	812203	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.40	95	233349	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.04	105	4687	0.449	ug/l	97

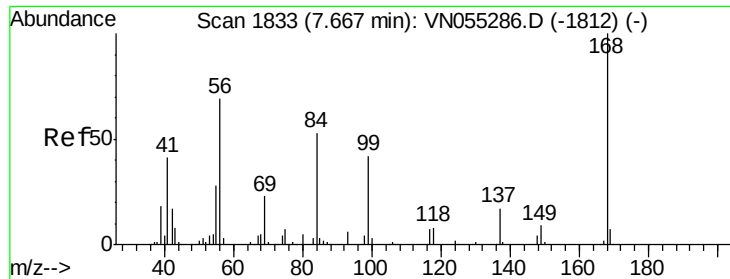
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055436.D

Acq: 7 May 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

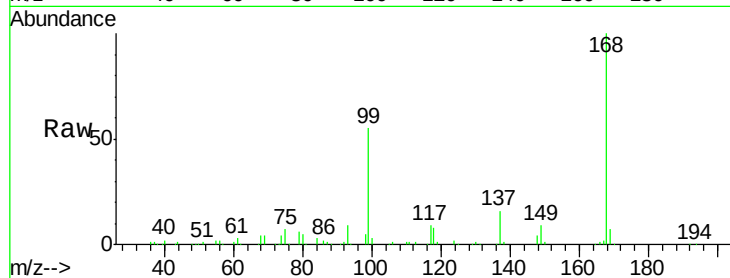
EP1-SB-W5-6(17-20)

Tot Ion:168 Resp: 451363

Ion Ratio Lower Upper

168 100

99 55.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

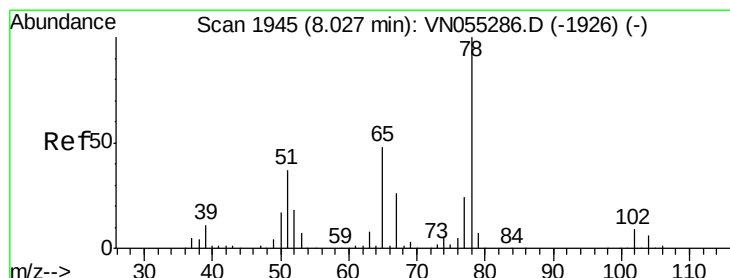
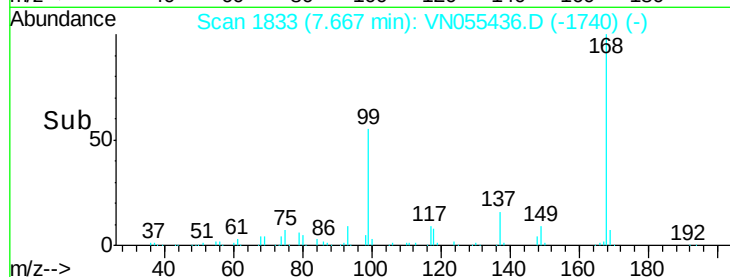
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.529 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055436.D

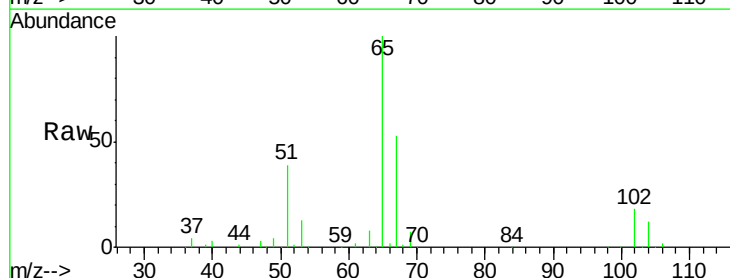
Acq: 7 May 2019 14:39

Tgt Ion: 65 Resp: 292463

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

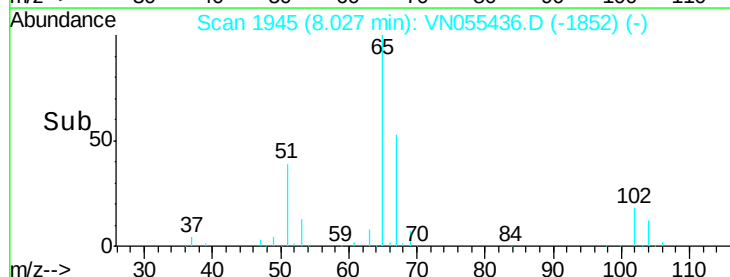
8.03

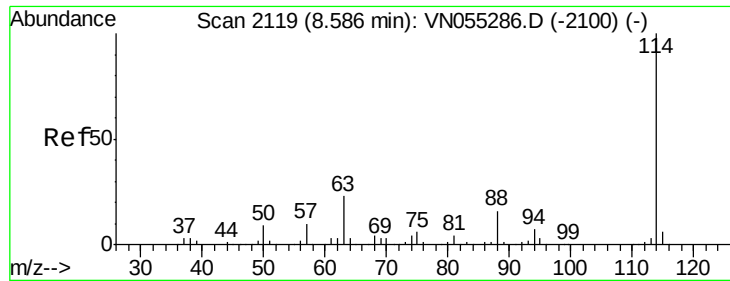
100000

50000

0

Time-->

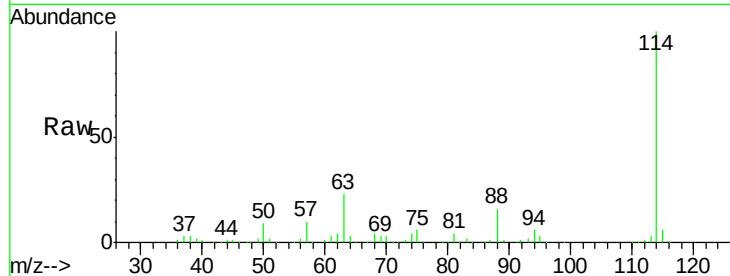




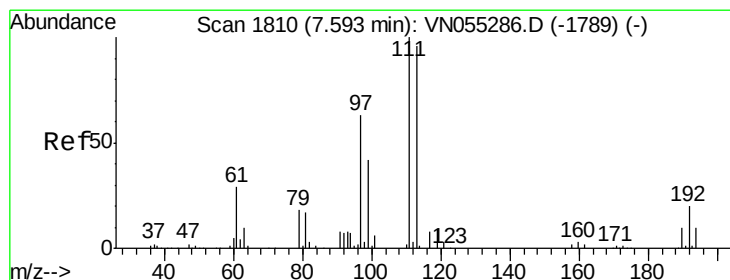
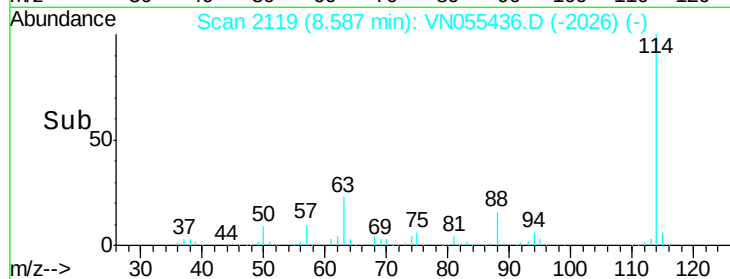
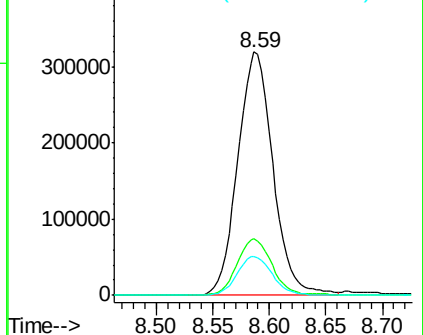
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055436.D
 Acq: 7 May 2019 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W5-6(17-20)

Tot Ion:114 Resp: 695005
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.2
 88 16.2 0.0 31.6

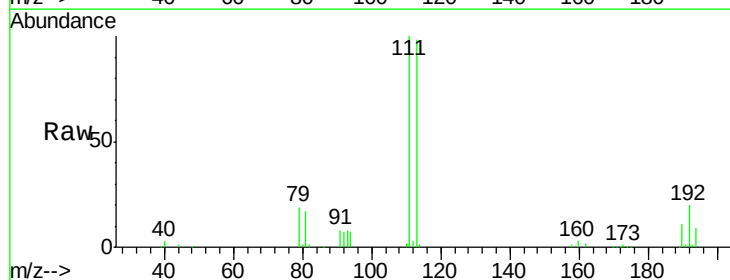


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

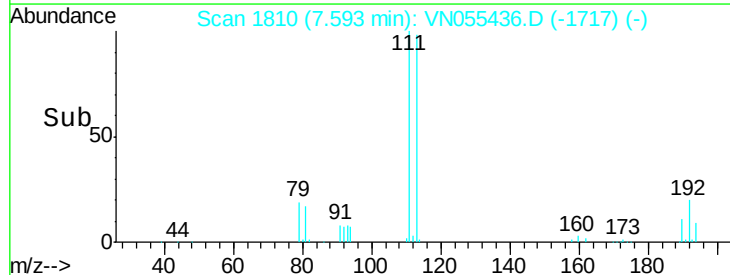
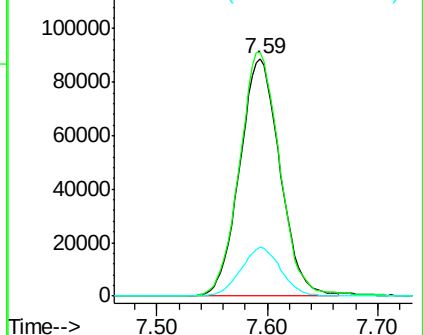


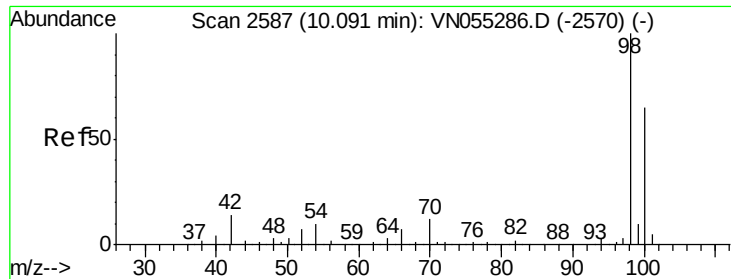
#35
 Dibromofluoromethane
 Concen: 49.263 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055436.D
 Acq: 7 May 2019 14:39

Tgt Ion:113 Resp: 224729
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.3 123.5
 192 20.3 17.0 25.6



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: 49.308 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055436.D

Acq: 7 May 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

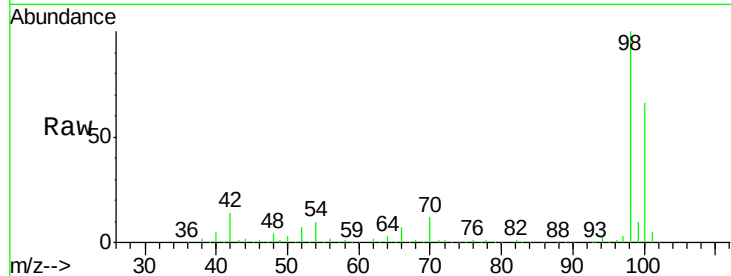
EP1-SB-W5-6(17-20)

Tot Ion: 98 Resp: 812203

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

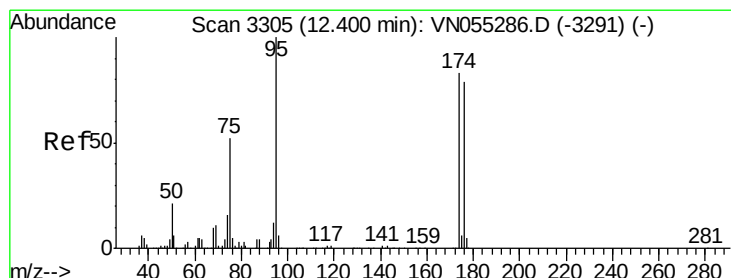
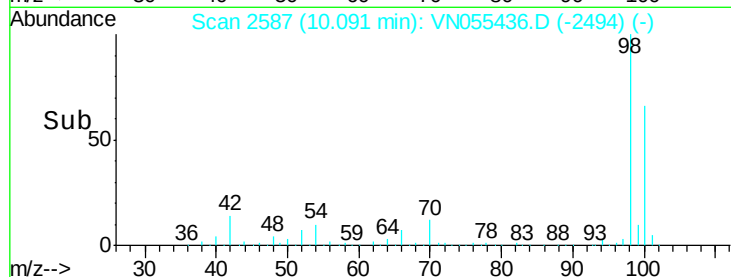
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.327 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055436.D

Acq: 7 May 2019 14:39

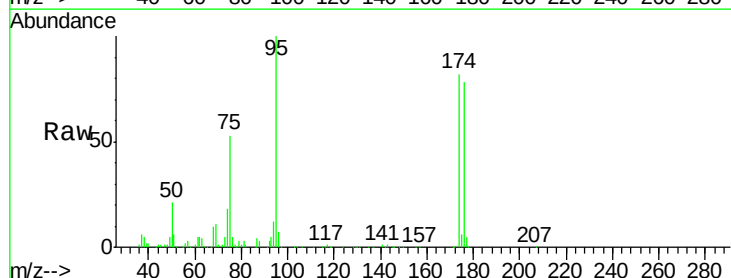
Tgt Ion: 95 Resp: 233349

Ion Ratio Lower Upper

95 100

174 82.1 0.0 166.6

176 78.2 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

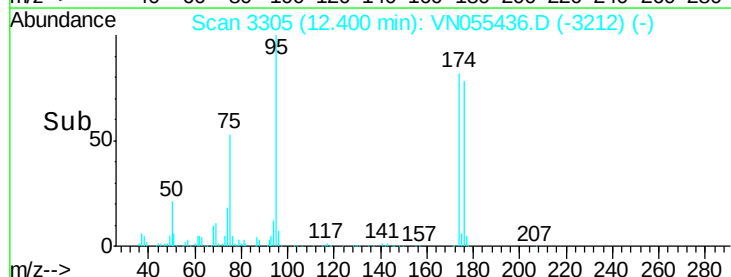
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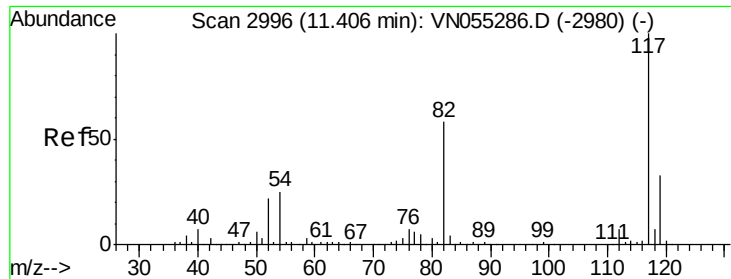
100000

50000

0

Time-->

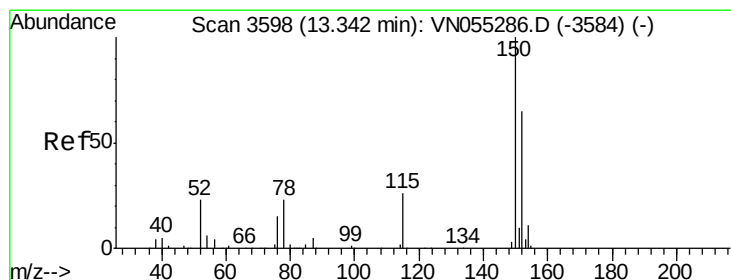
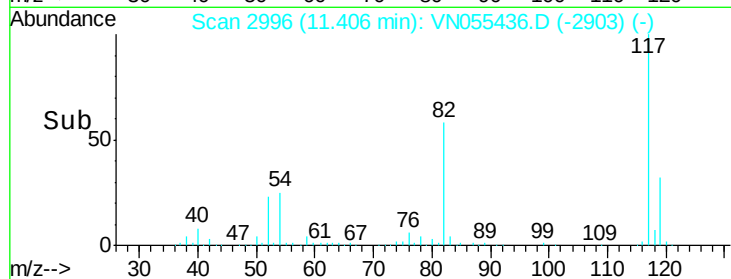
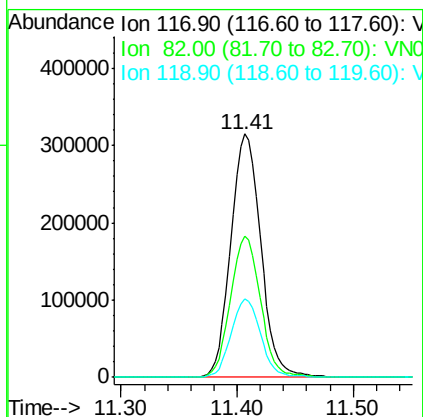
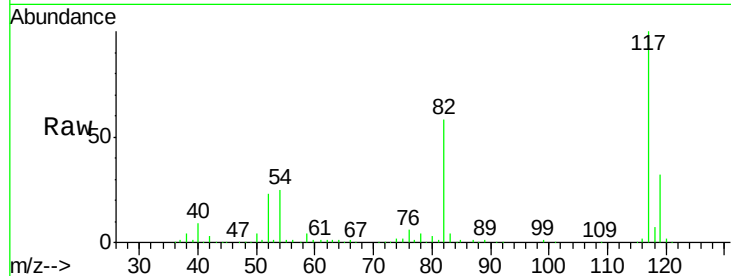




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055436.D
Acq: 7 May 2019 14:39

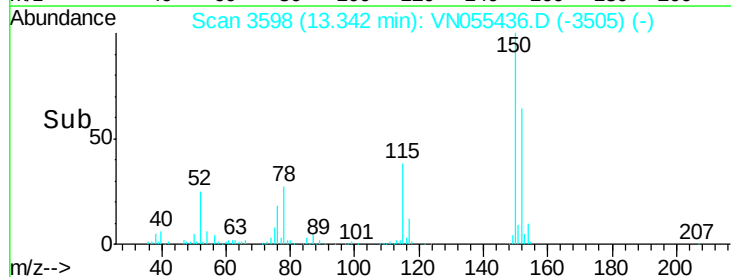
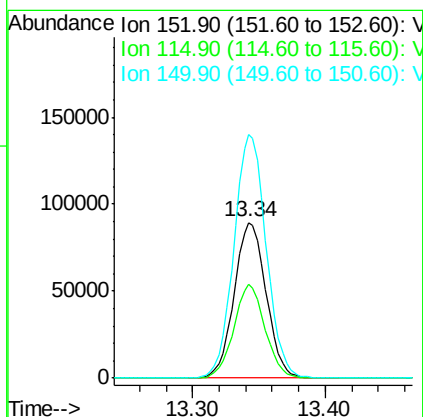
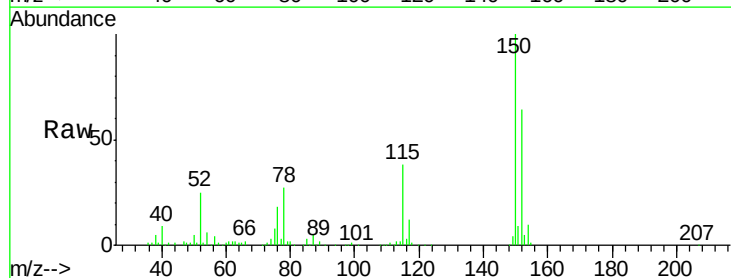
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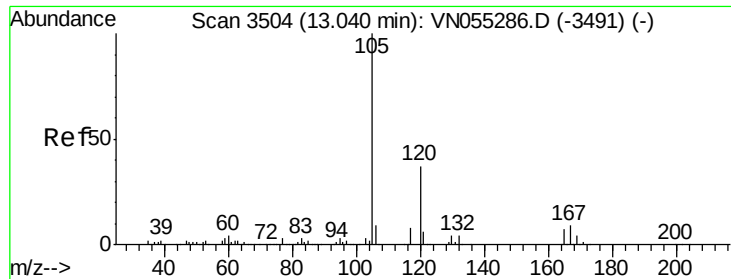
Tot Ion:117 Resp: 563480
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055436.D
Acq: 7 May 2019 14:39

Tgt Ion:152 Resp: 149025
Ion Ratio Lower Upper
152 100
115 58.9 29.0 87.0
150 158.3 0.0 345.6





#84
 1,2,4-Trimethylbenzene
 Concen: 0.449 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN055436.D
 Acq: 7 May 2019 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W5-6(17-20)

Tot Ion:105 Resp: 4687
 Ion Ratio Lower Upper
 105 100
 120 42.3 22.1 66.5

