

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055467.D
 Acq On : 8 May 2019 4:31
 Operator : JC/SP
 Sample : K2717-17
 Misc : 4.60uL/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS003-1218-01

Quant Time: May 08 08:31:38 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	436747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	670356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	559235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180918	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	286956	50.22	ug/l	0.00
Spiked Amount						
			Recovery	=	100.44%	
35) Dibromofluoromethane	7.59	113	213232	48.46	ug/l	0.00
Spiked Amount						
			Recovery	=	96.92%	
50) Toluene-d8	10.09	98	799092	50.30	ug/l	0.00
Spiked Amount						
			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	242865	48.91	ug/l	0.00
Spiked Amount						
			Recovery	=	97.82%	

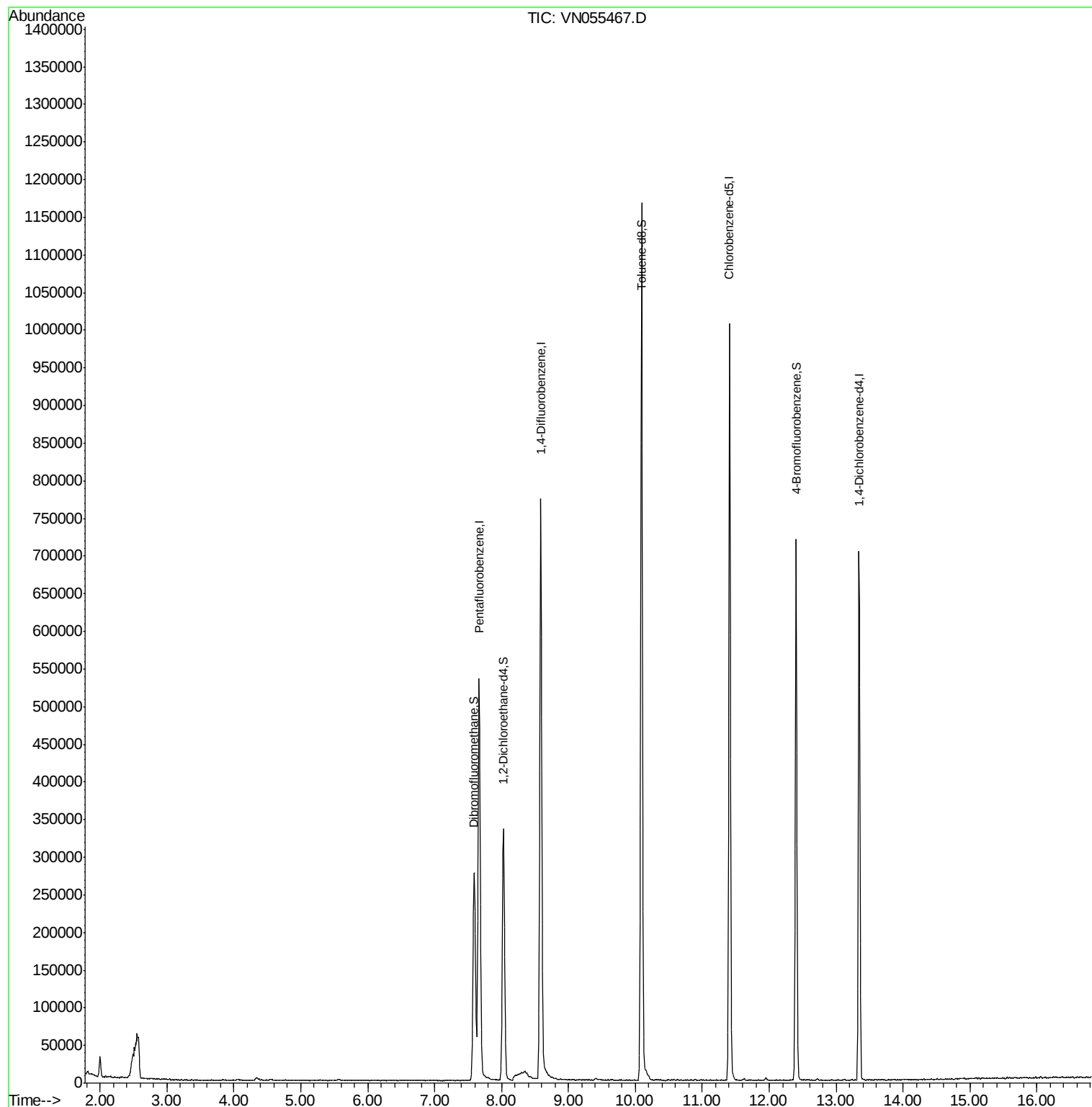
Target Compounds	Qvalue

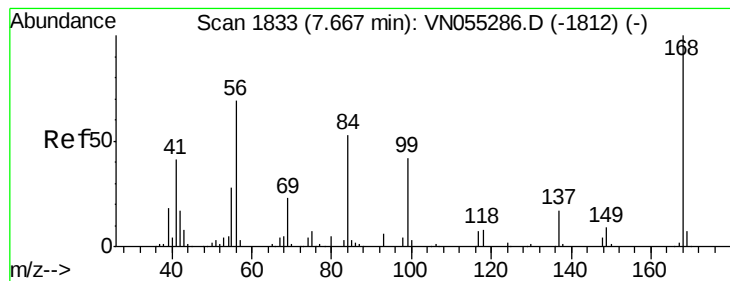
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055467.D

Acq: 8 May 2019 4:31

Instrument :

MSVOA_N

ClientSampleId :

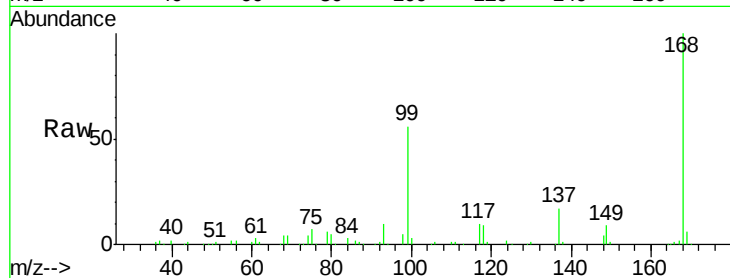
P026-SS003-1218-01

Tot Ion:168 Resp: 436747

Ion Ratio Lower Upper

168 100

99 56.2 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

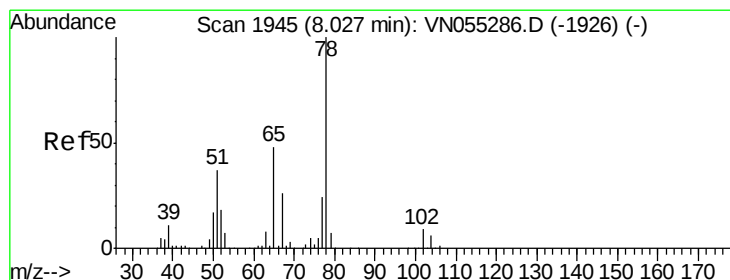
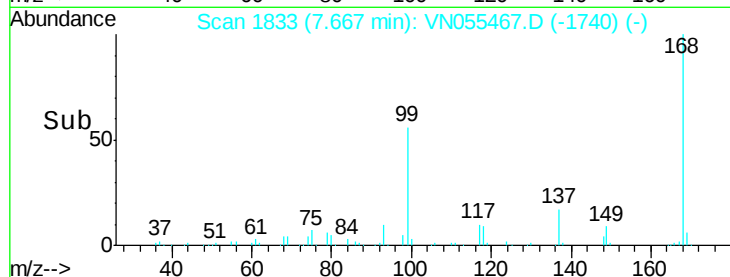
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.223 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055467.D

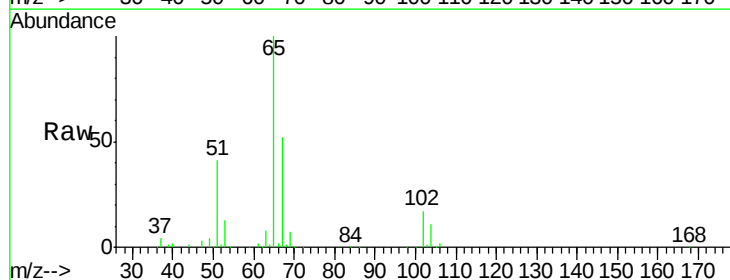
Acq: 8 May 2019 4:31

Tgt Ion: 65 Resp: 286956

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

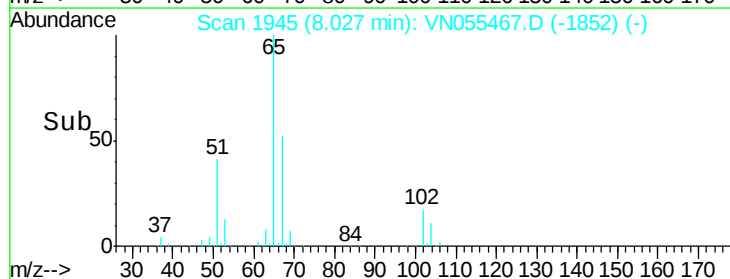
8.03

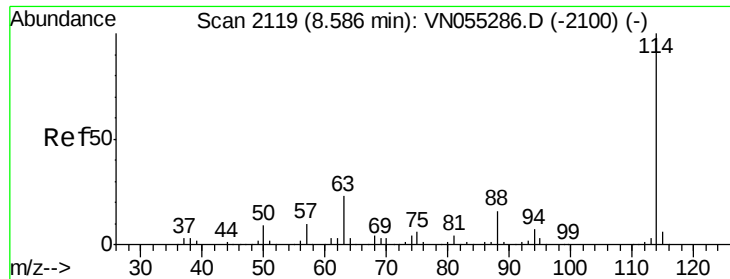
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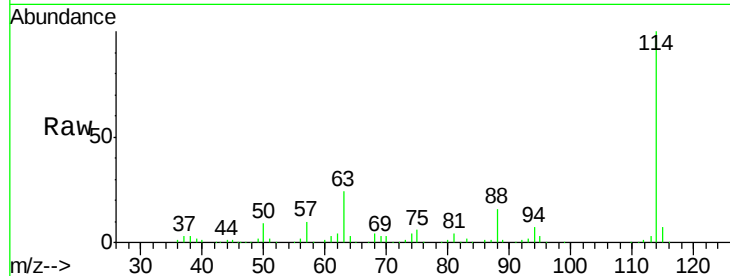




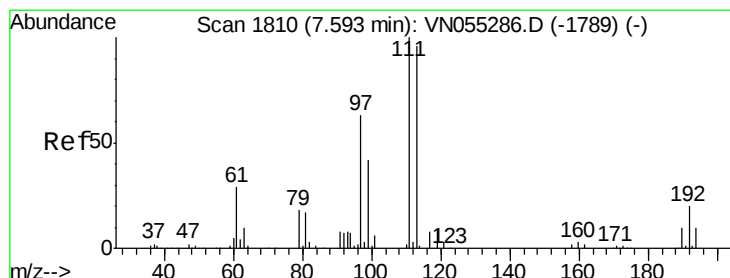
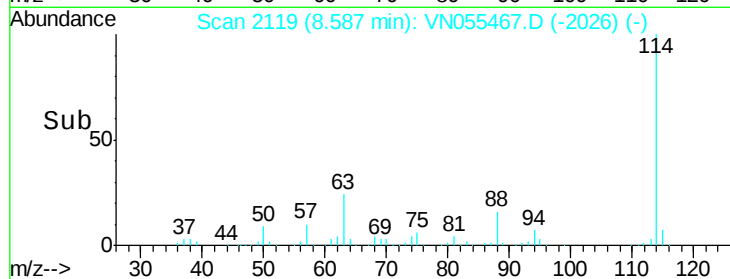
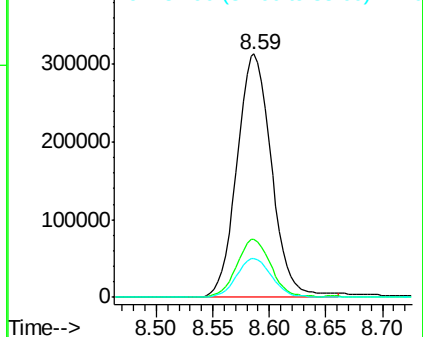
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055467.D
 Acq: 8 May 2019 4:31

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS003-1218-01

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	45.2
88	16.2	0.0	31.6

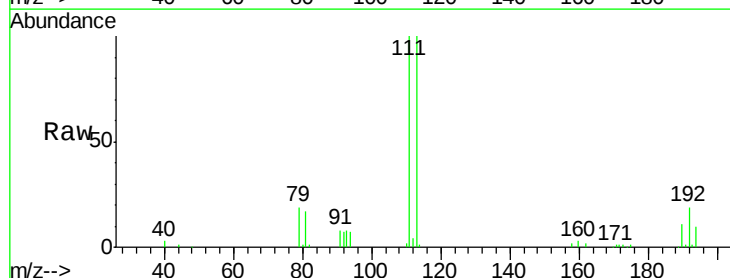


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

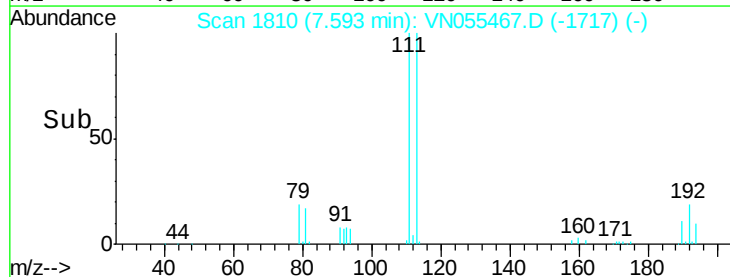
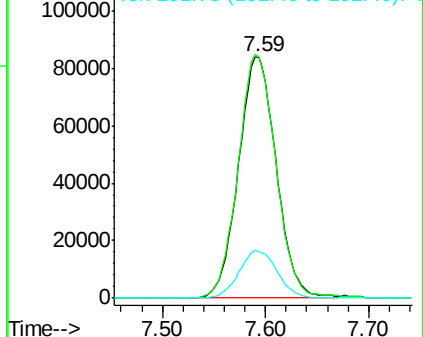


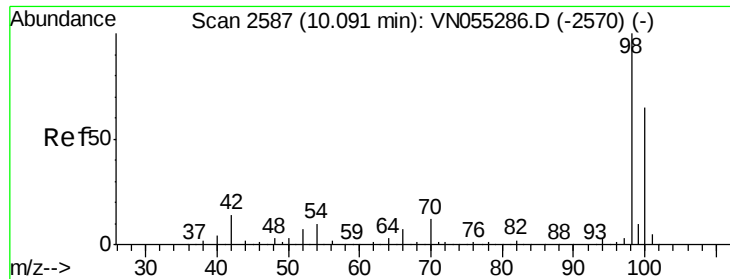
#35
 Dibromofluoromethane
 Concen: 48.462 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055467.D
 Acq: 8 May 2019 4:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.3	123.5
192	20.0	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: 50.296 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055467.D

Acq: 8 May 2019 4:31

Instrument :

MSVOA_N

ClientSampleId :

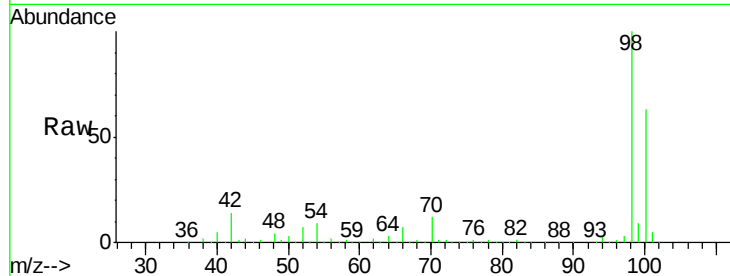
P026-SS003-1218-01

Tot Ion: 98 Resp: 799092

Ion Ratio Lower Upper

98 100

100 63.9 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

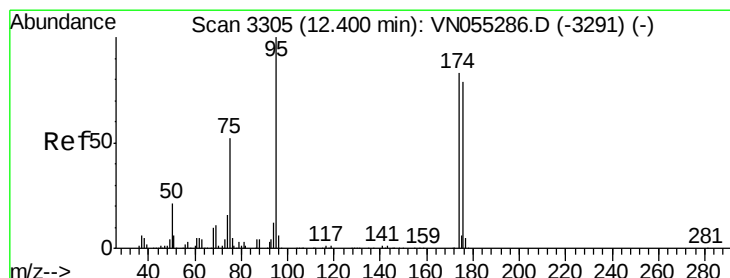
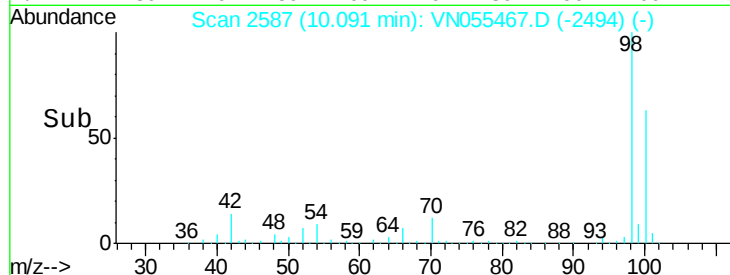
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 48.910 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055467.D

Acq: 8 May 2019 4:31

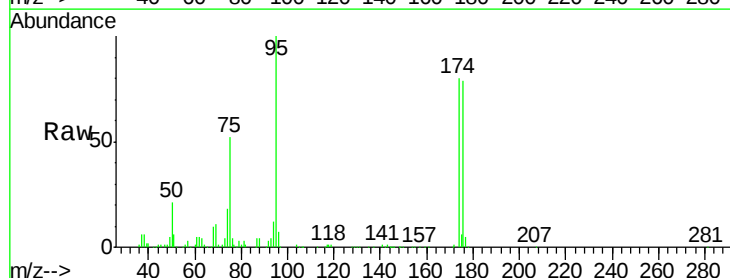
Tgt Ion: 95 Resp: 242865

Ion Ratio Lower Upper

95 100

174 81.3 0.0 166.6

176 79.2 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN

12.40

200000

150000

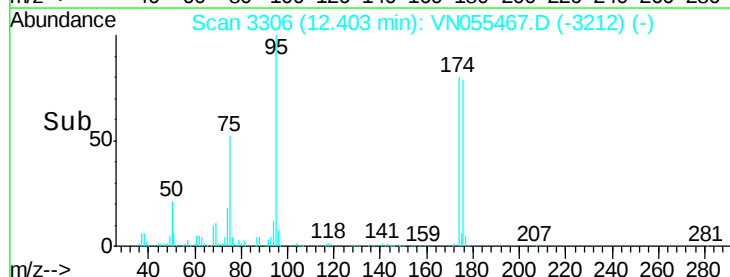
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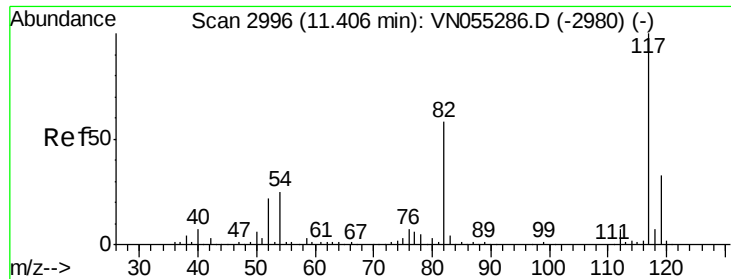
50000

0

Time-->

12.35 12.40 12.45

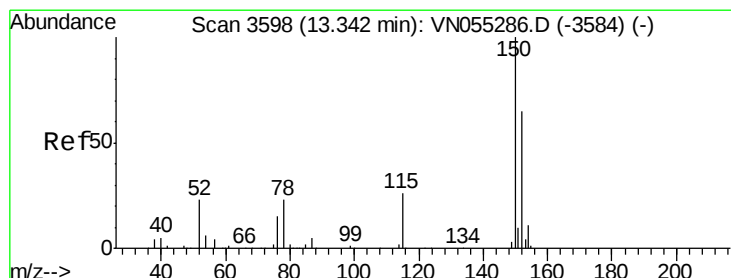
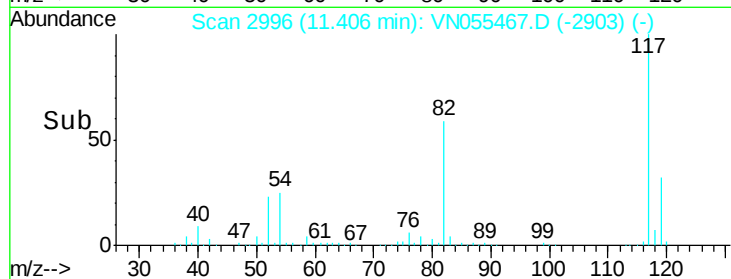
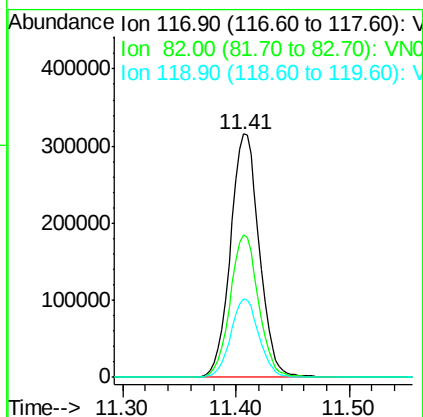
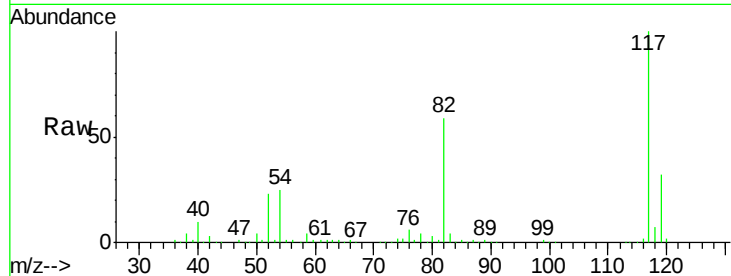




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055467.D
Acq: 8 May 2019 4:31

Instrument :
MSVOA_N
ClientSampleId :
P026-SS003-1218-01

Tot Ion:117 Resp: 559235
Ion Ratio Lower Upper
117 100
82 58.6 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: VN055467.D
Acq: 8 May 2019 4:31

Tgt Ion:152 Resp: 180918
Ion Ratio Lower Upper
152 100
115 59.5 29.0 87.0
150 159.7 0.0 345.6

