

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054516.D
 Acq On : 21 Mar 2019 17:32
 Operator : JC/SP
 Sample : K1965-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW312I-20190315

Quant Time: Mar 22 10:43:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	425170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	771985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	800038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	300497	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	284621	53.82	ug/l	0.00
Spiked Amount						
			Recovery	=	107.64%	
35) Dibromofluoromethane	7.59	113	240183	48.29	ug/l	0.00
Spiked Amount						
			Recovery	=	96.58%	
50) Toluene-d8	10.09	98	999856	53.48	ug/l	0.00
Spiked Amount						
			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.40	95	382981	60.19	ug/l	0.00
Spiked Amount						
			Recovery	=	120.38%	

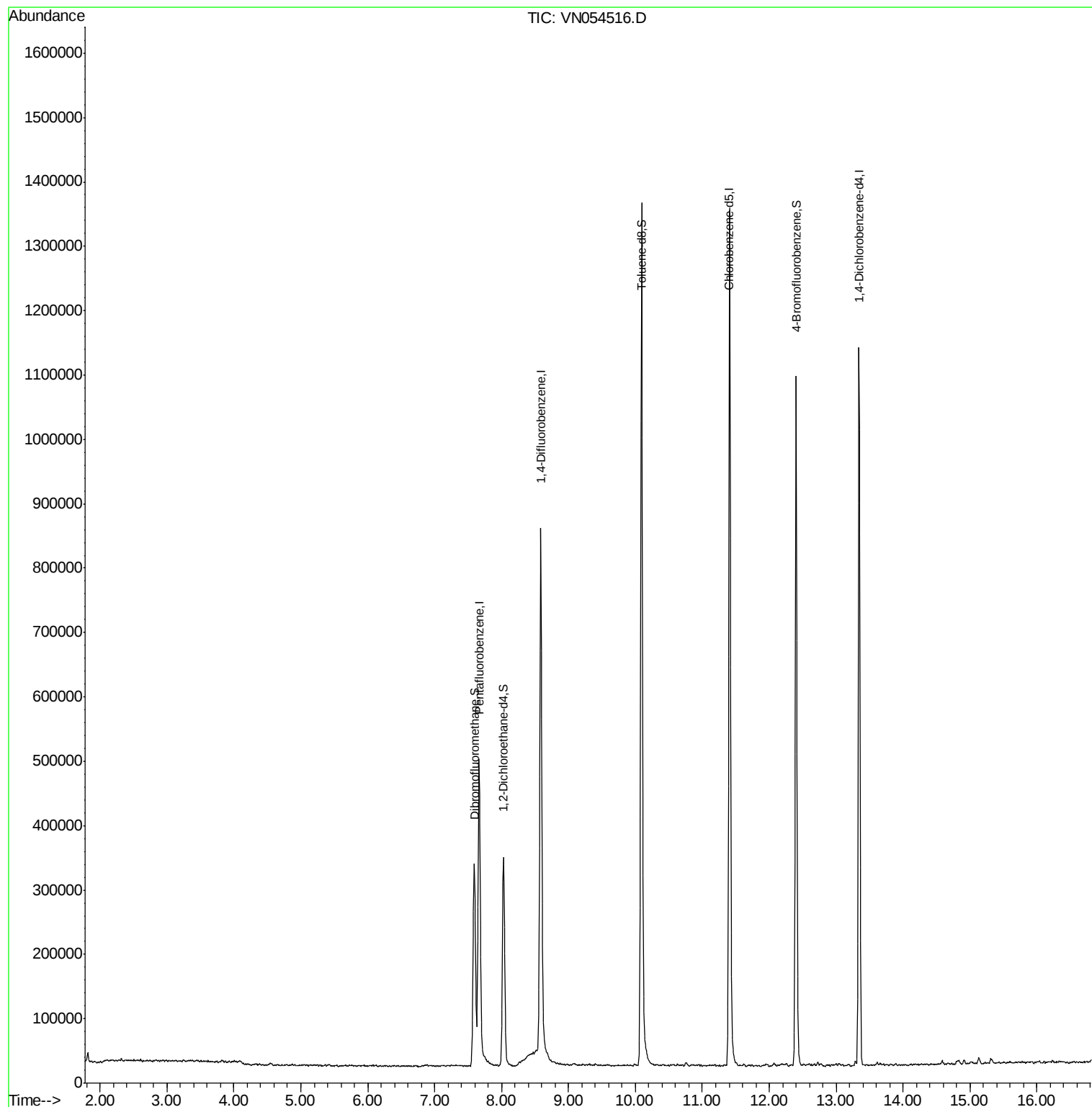
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054516.D

Acq: 21 Mar 2019 17:32

Instrument :

MSVOA_N

ClientSampleId :

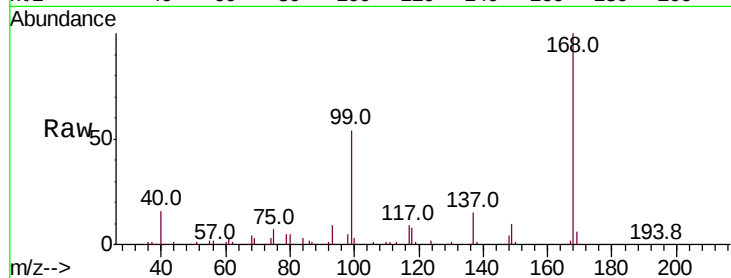
BPS1-TT-MW312I-20190315

Tot Ion:168 Resp: 425170

Ion Ratio Lower Upper

168 100

99 53.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

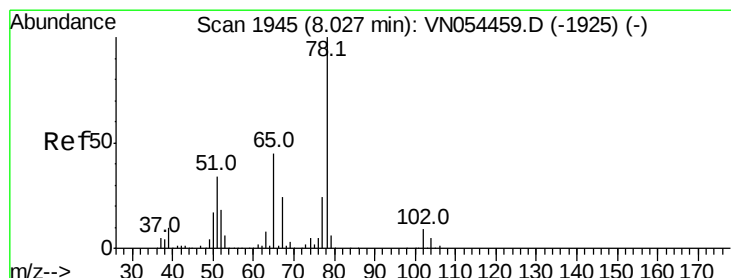
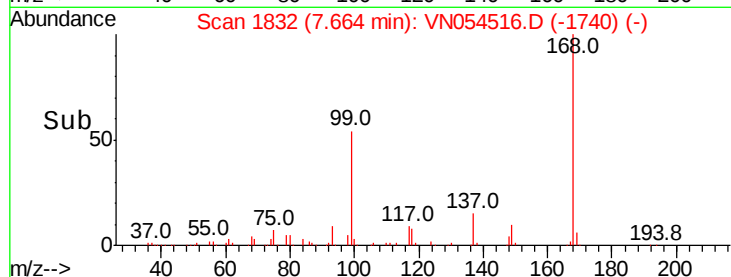
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 53.820 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054516.D

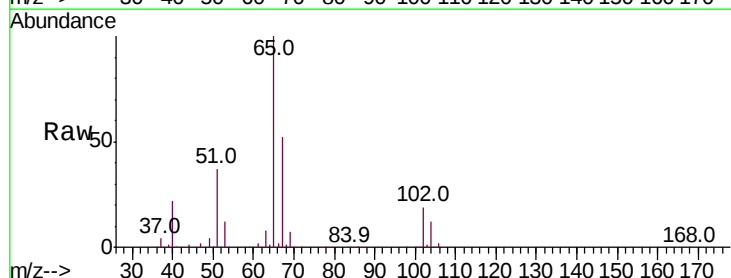
Acq: 21 Mar 2019 17:32

Tgt Ion: 65 Resp: 284621

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

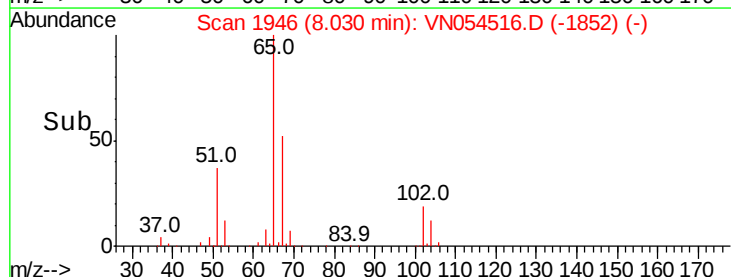
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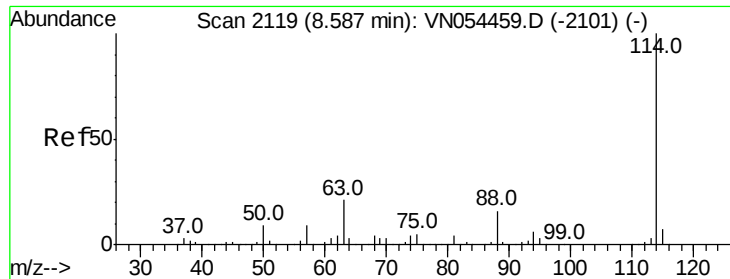
50000

0

Time-->

7.90 8.00 8.10

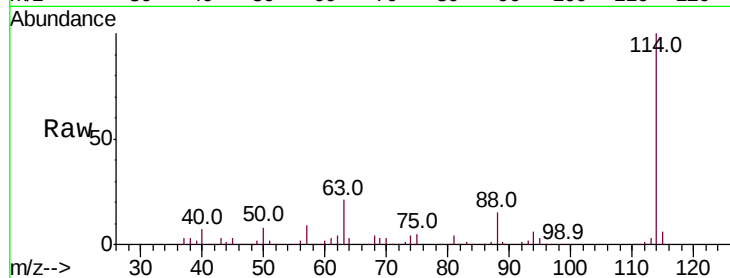




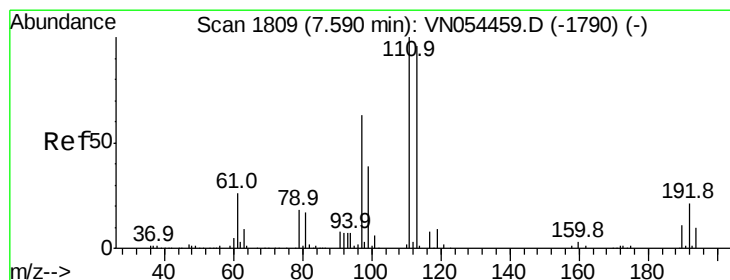
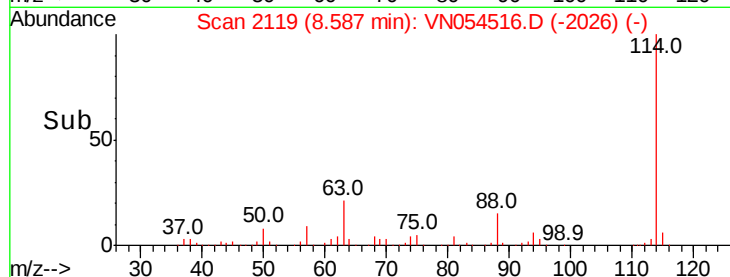
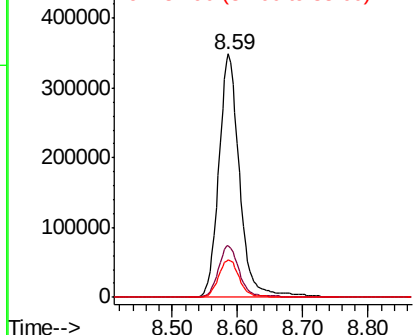
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054516.D
 Acq: 21 Mar 2019 17:32

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW312I-20190315

Tot Ion:	114	Resp:	771985
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	35.2
88	15.2	0.0	30.2

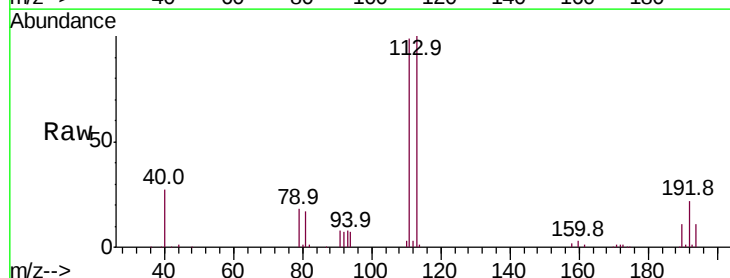


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

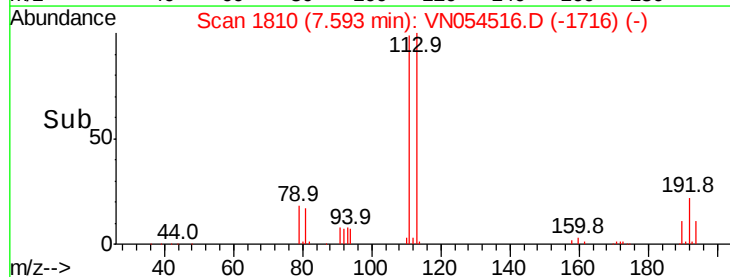
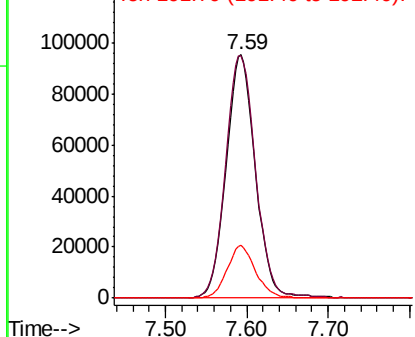


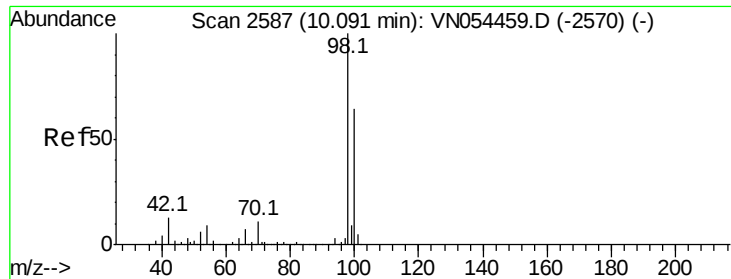
#35
 Dibromofluoromethane
 Concen: 48.293 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054516.D
 Acq: 21 Mar 2019 17:32

Tgt Ion:	113	Resp:	240183
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	21.1	19.2	28.8



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: 53.476 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054516.D

Acq: 21 Mar 2019 17:32

Instrument :

MSVOA_N

ClientSampleId :

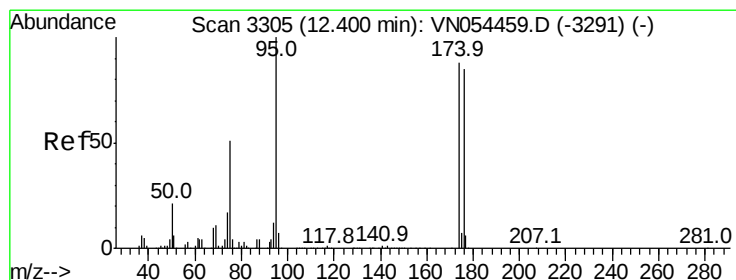
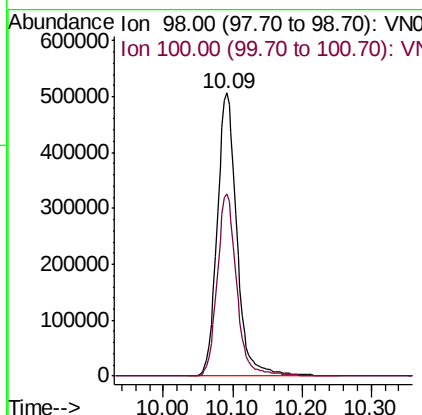
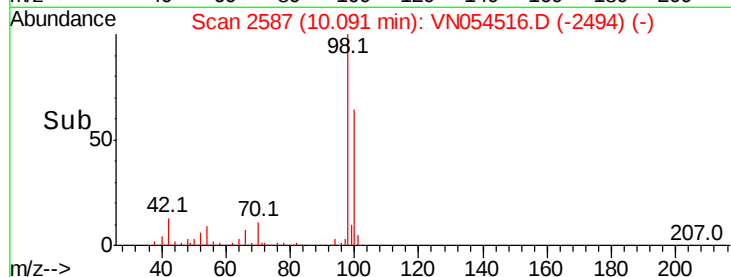
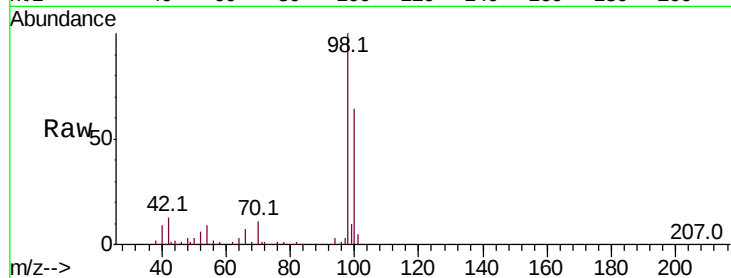
BPS1-TT-MW312I-20190315

Tot Ion: 98 Resp: 999856

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 60.195 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054516.D

Acq: 21 Mar 2019 17:32

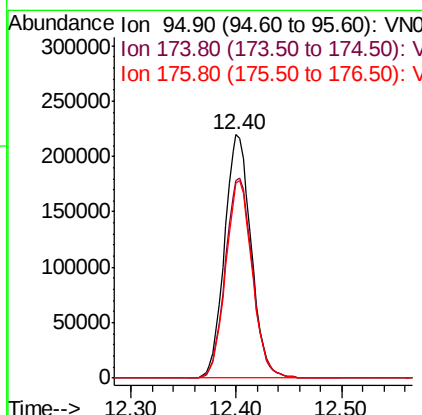
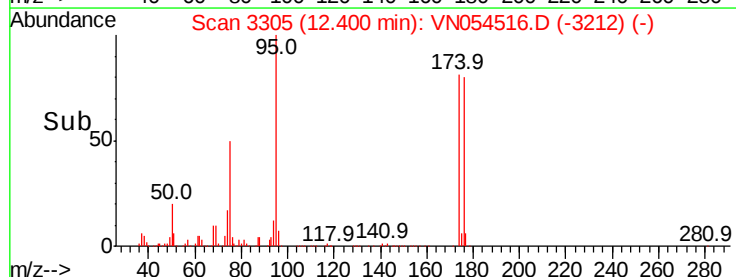
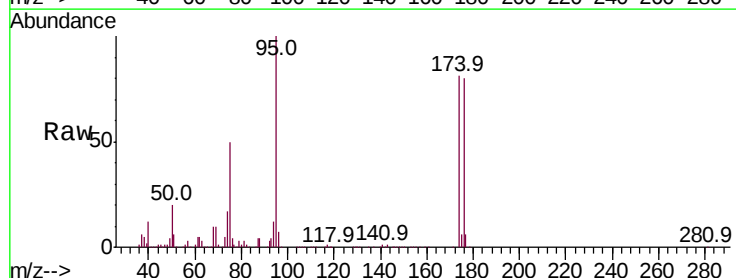
Tgt Ion: 95 Resp: 382981

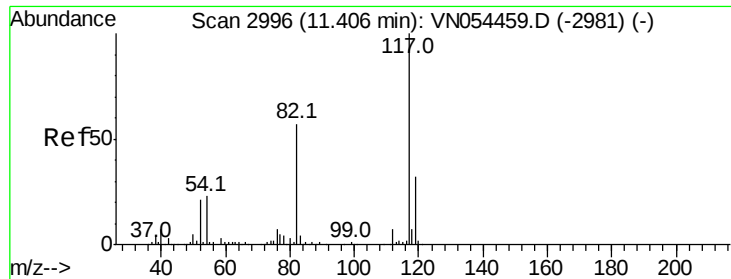
Ion Ratio Lower Upper

95 100

174 83.7 0.0 191.0

176 80.9 0.0 187.4

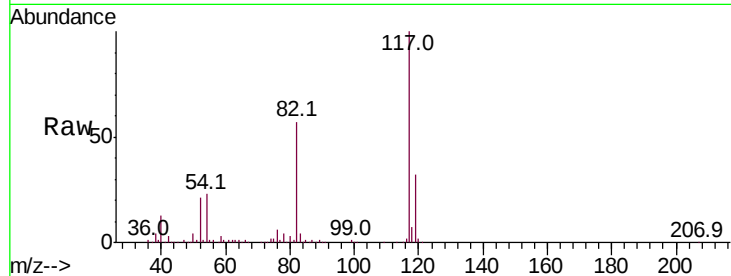




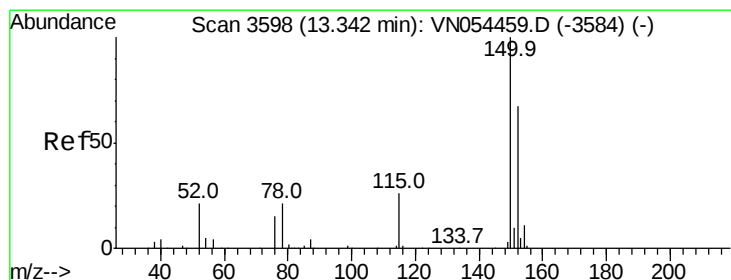
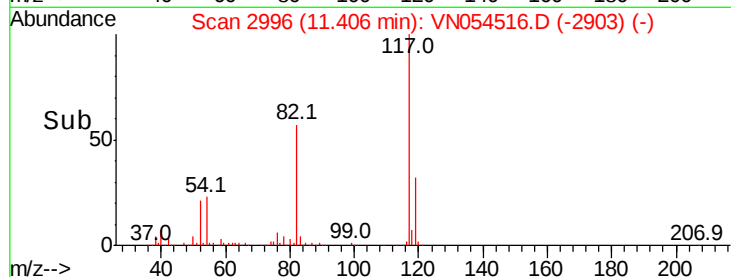
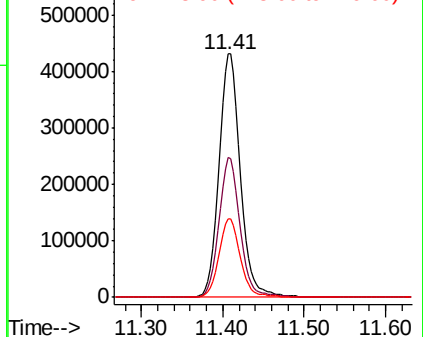
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054516.D
Acq: 21 Mar 2019 17:32

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW312I-20190315

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	40.0	60.0
119	32.3	25.8	38.6

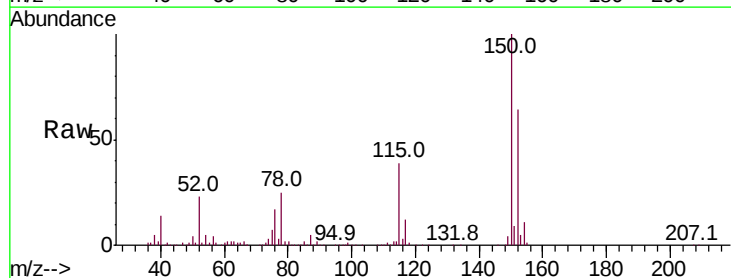


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054516.D
Acq: 21 Mar 2019 17:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	27.2	81.6
150	158.2	0.0	349.2



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

