

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054512.D
 Acq On : 21 Mar 2019 15:42
 Operator : JC/SP
 Sample : K1965-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW314I-20190314

Quant Time: Mar 22 10:33:10 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	7.67	168	755444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1127956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	902535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	311308	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	436426	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	
35) Dibromofluoromethane	7.59	113	348684	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
50) Toluene-d8	10.09	98	1323654	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.40	95	391472	42.11	ug/l	0.00
Spiked Amount			Recovery	=	84.22%	

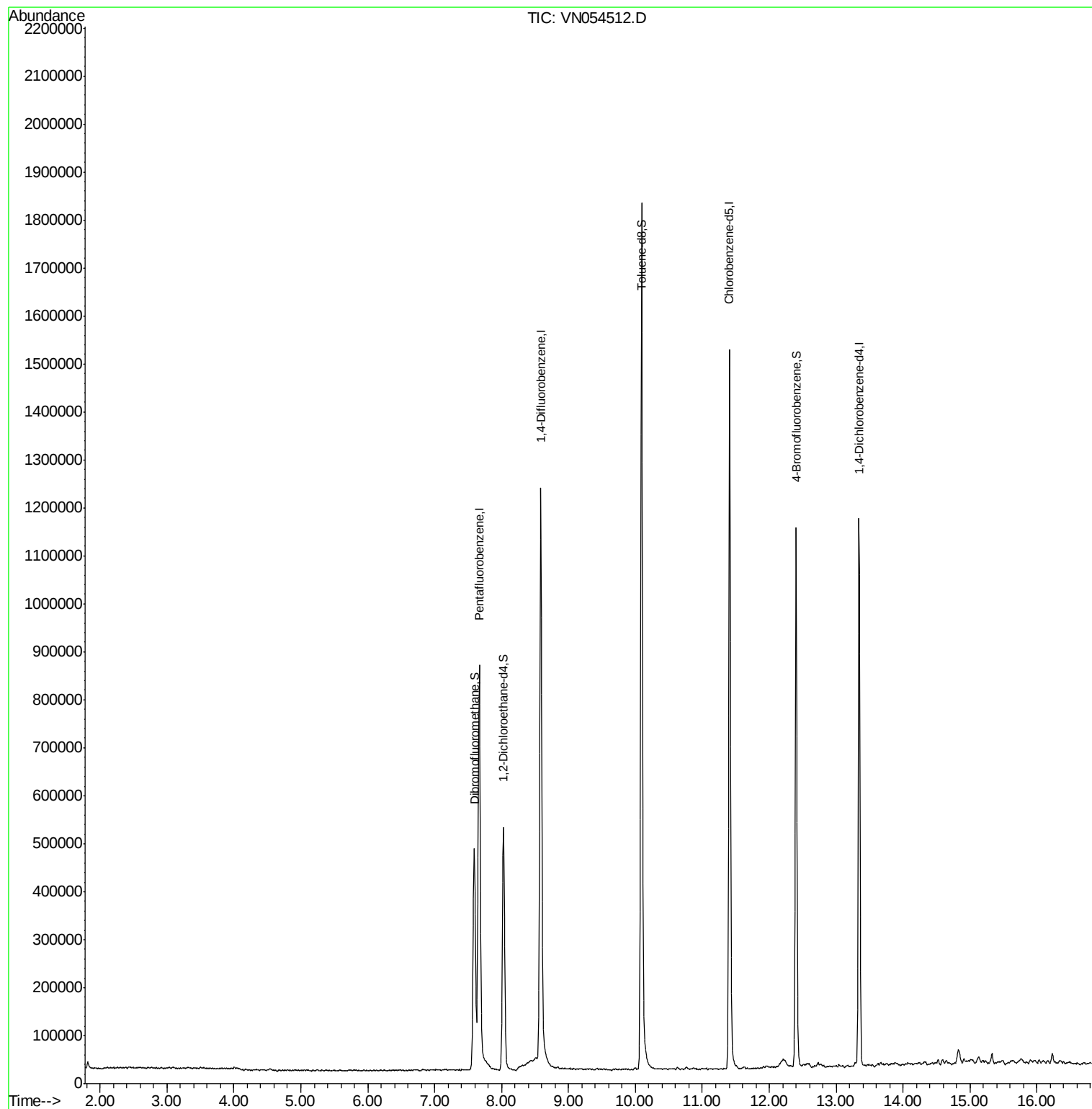
Target Compounds	Qvalue
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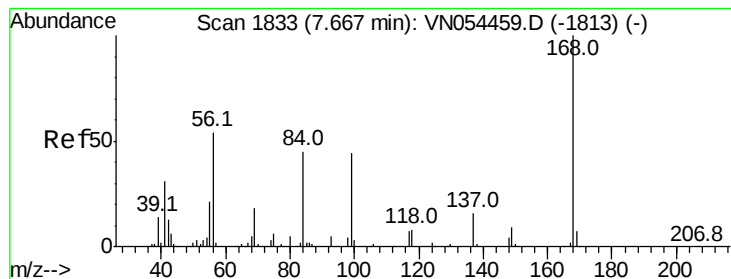
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
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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: VN054512.D

Acq: 21 Mar 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

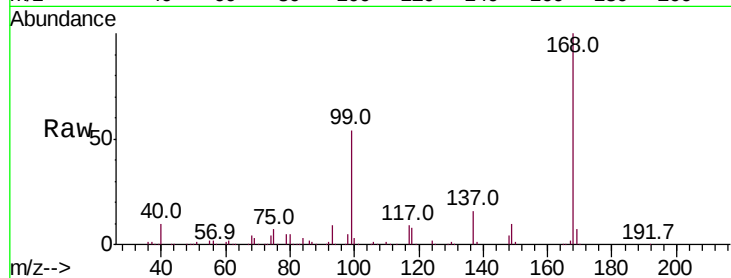
BPS1-TT-MW314I-20190314

Tot Ion:168 Resp: 755444

Ion Ratio Lower Upper

168 100

99 54.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

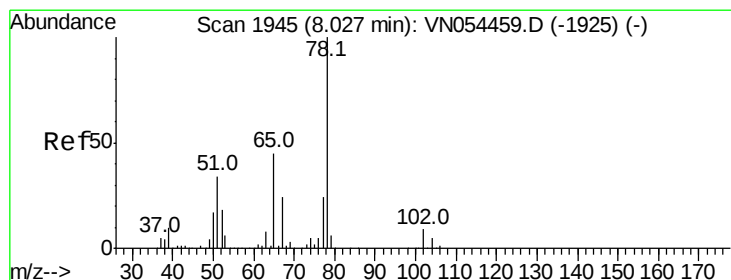
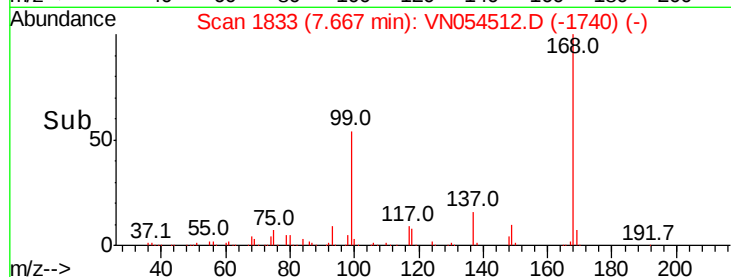
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.446 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054512.D

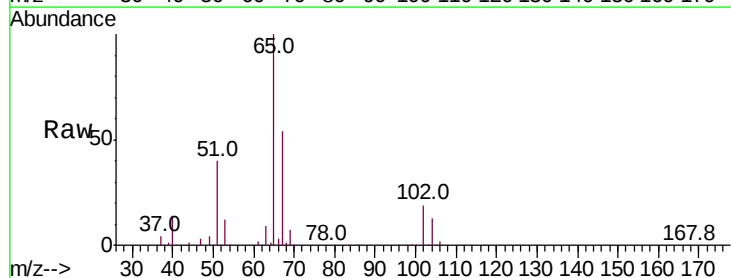
Acq: 21 Mar 2019 15:42

Tgt Ion: 65 Resp: 436426

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

150000

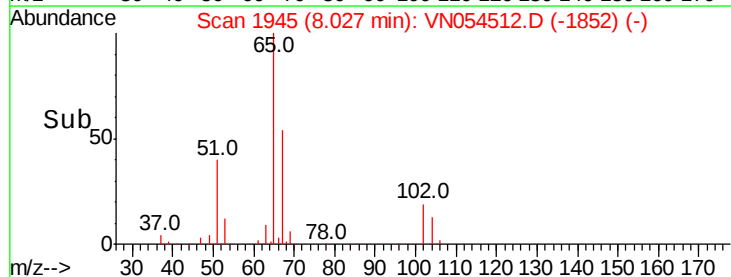
100000

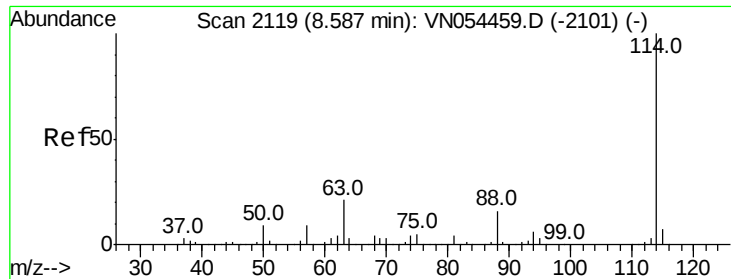
50000

0

7.90 8.00 8.10 8.20

Time-->



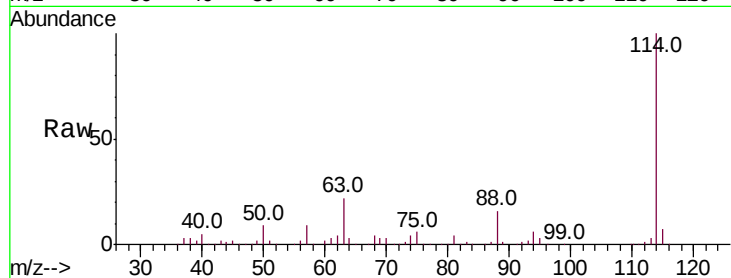


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054512.D
 Acq: 21 Mar 2019 15:42

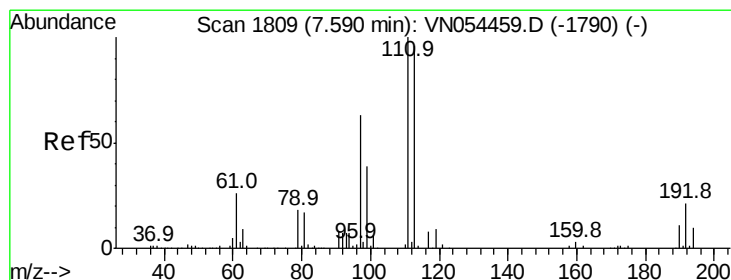
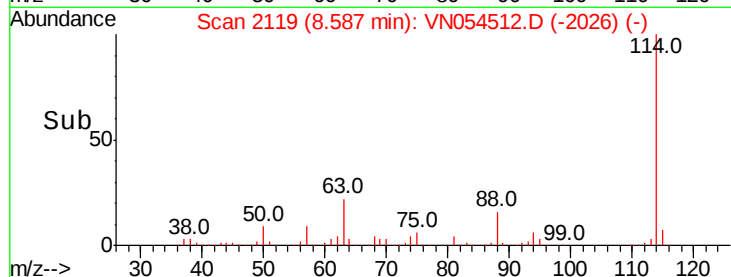
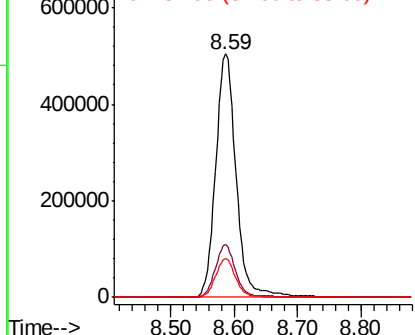
Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW314I-20190314

Tot Ion:114 Resp: 1127956

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	35.2
88	15.9	0.0	30.2



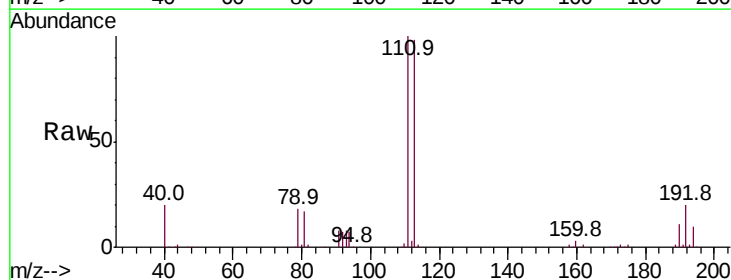
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO



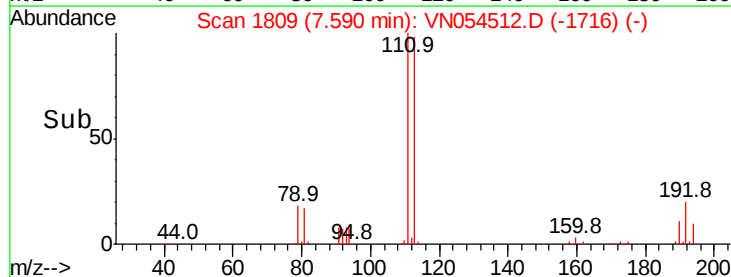
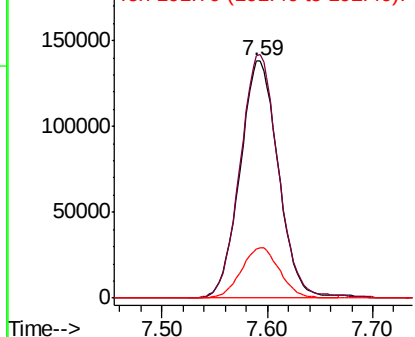
#35
 Dibromofluoromethane
 Concen: 47.983 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054512.D
 Acq: 21 Mar 2019 15:42

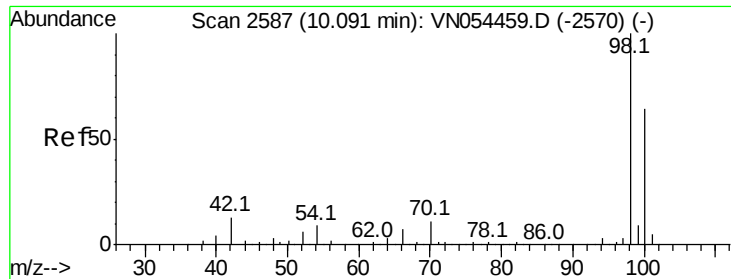
Tgt Ion:113 Resp: 348684

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	21.3	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: 48.452 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054512.D

Acq: 21 Mar 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

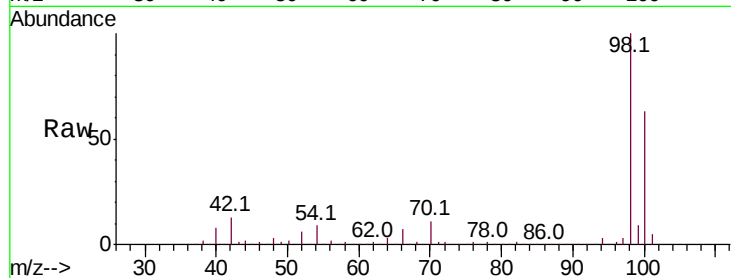
BPS1-TT-MW314I-20190314

Tot Ion: 98 Resp: 1323654

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

800000

600000

400000

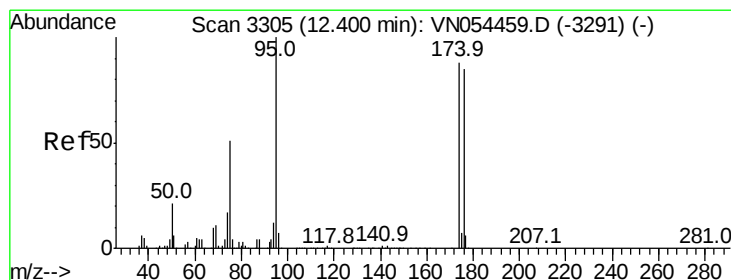
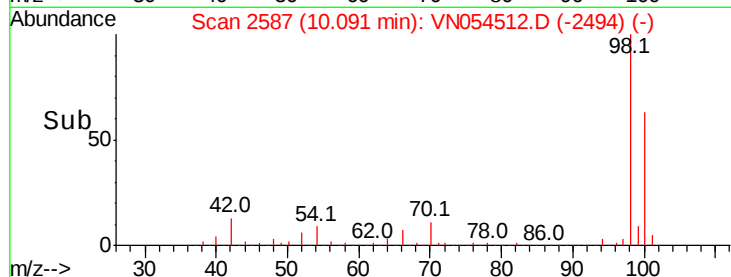
200000

0

10.09

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 42.111 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054512.D

Acq: 21 Mar 2019 15:42

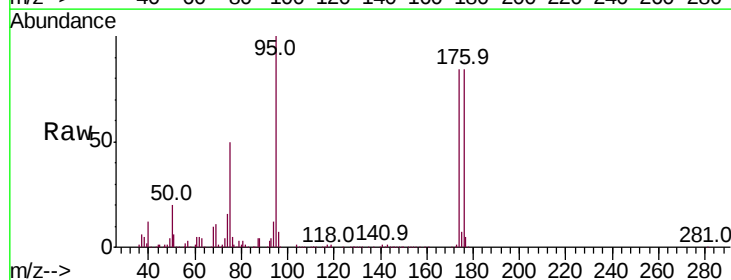
Tgt Ion: 95 Resp: 391472

Ion Ratio Lower Upper

95 100

174 85.3 0.0 191.0

176 83.9 0.0 187.4



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

300000

250000

200000

150000

100000

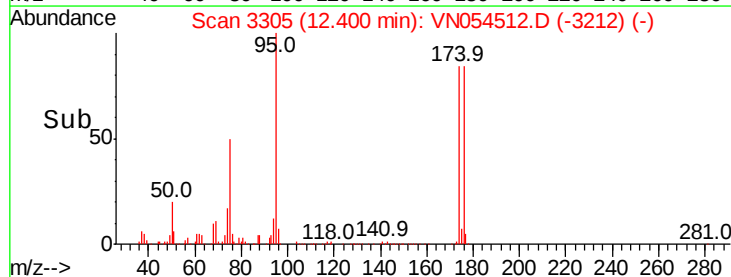
50000

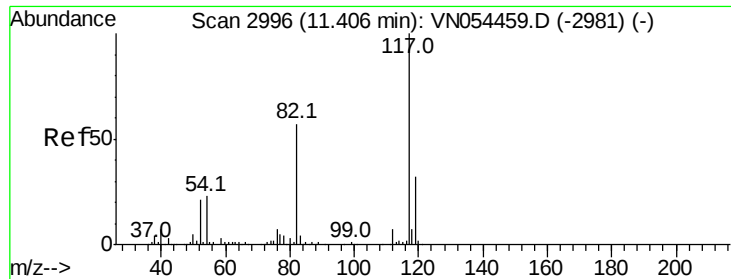
0

12.40

12.30 12.40 12.50

Time-->

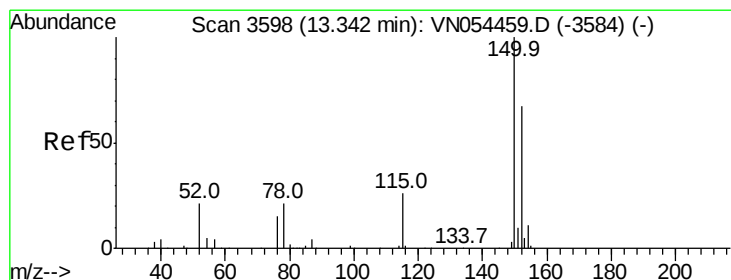
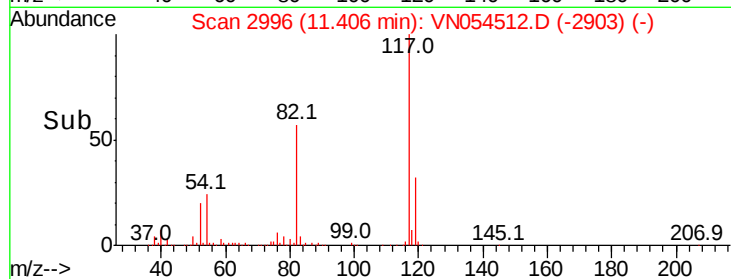
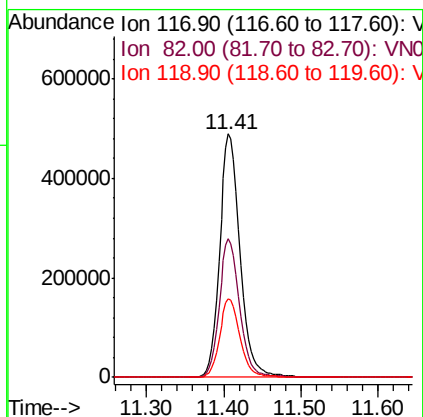
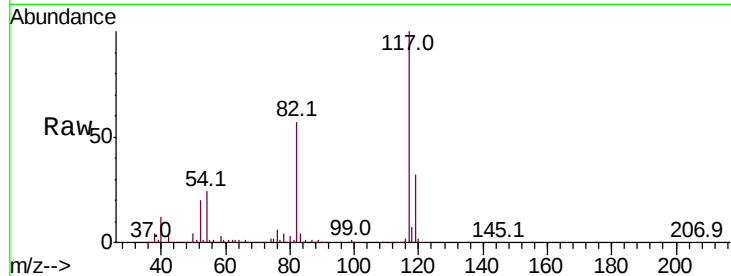




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054512.D
Acq: 21 Mar 2019 15:42

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW314I-20190314

Tot Ion:117 Resp: 902535
Ion Ratio Lower Upper
117 100
82 56.8 40.0 60.0
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054512.D
Acq: 21 Mar 2019 15:42

Tgt Ion:152 Resp: 311308
Ion Ratio Lower Upper
152 100
115 57.5 27.2 81.6
150 157.8 0.0 349.2

