

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054710.D
 Acq On : 27 Mar 2019 10:01
 Operator : JC/SP
 Sample : VN0327WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBL01

Quant Time: Mar 28 06:42:22 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	538967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	869337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	736880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	258554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	353533	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	7.59	113	276841	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	10.09	98	1047269	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	320202	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	

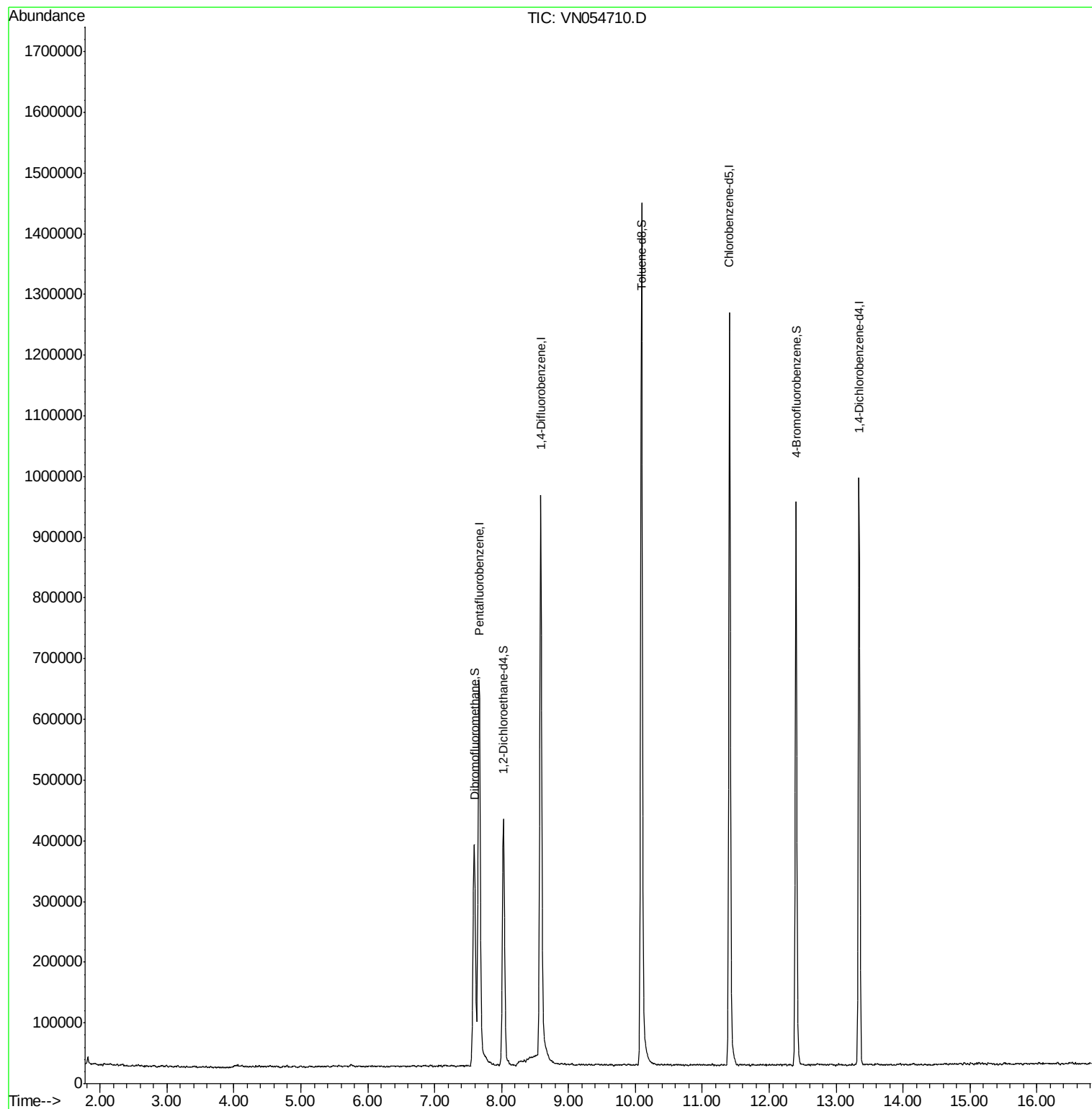
Target Compounds	Qvalue

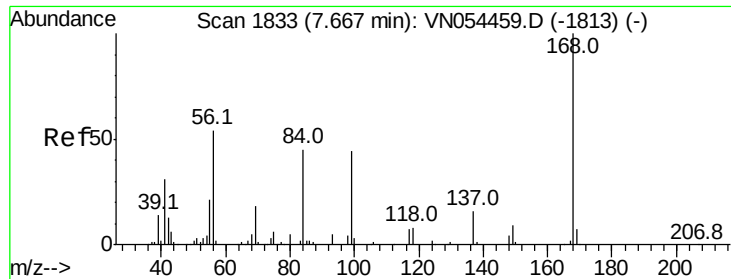
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054710.D

Acq: 27 Mar 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

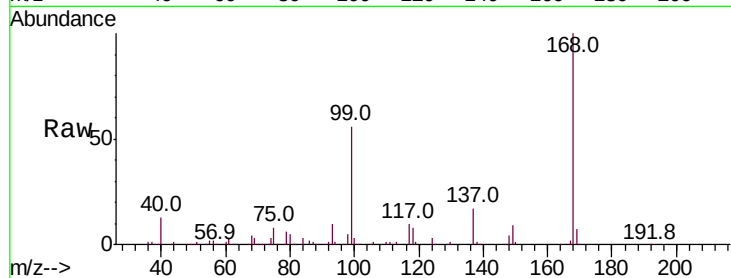
VN0327WBL01

Tot Ion:168 Resp: 538967

Ion Ratio Lower Upper

168 100

99 55.9 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

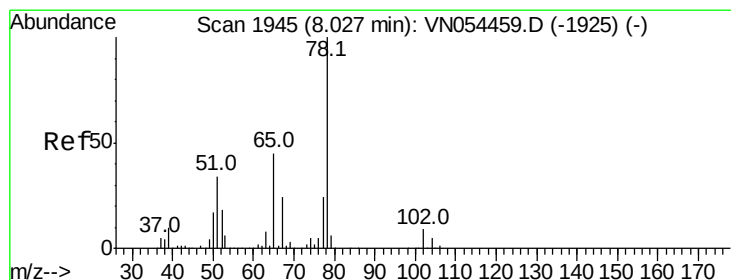
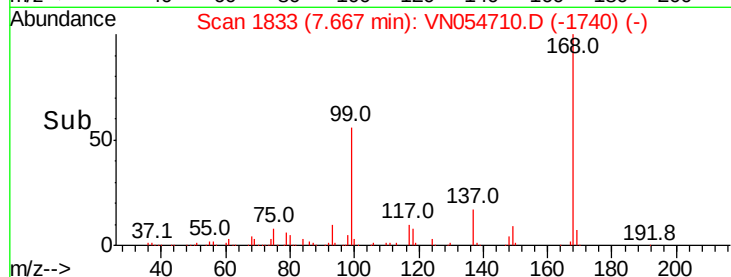
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.736 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054710.D

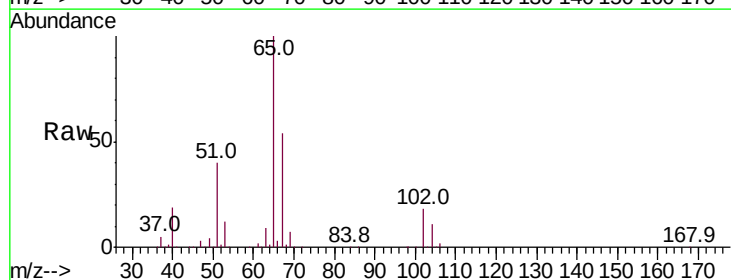
Acq: 27 Mar 2019 10:01

Tgt Ion: 65 Resp: 353533

Ion Ratio Lower Upper

65 100

67 53.0 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

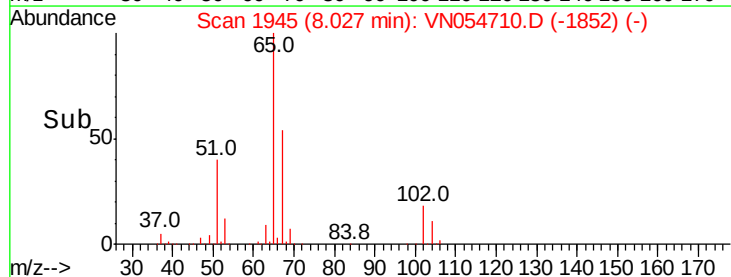
150000

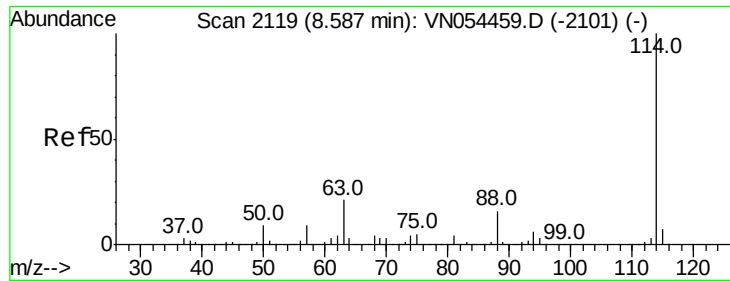
100000

50000

0

Time-->

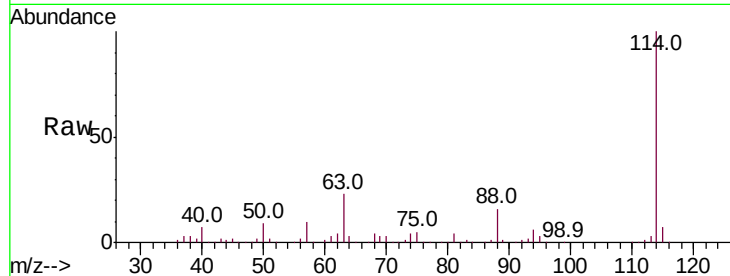




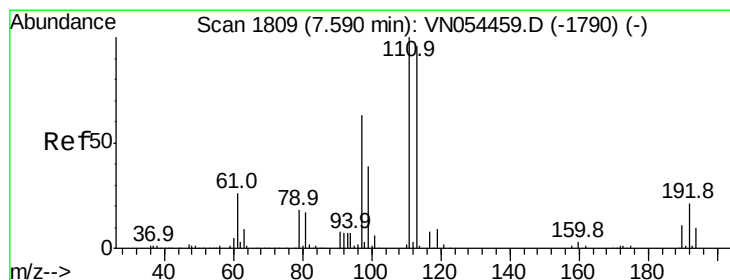
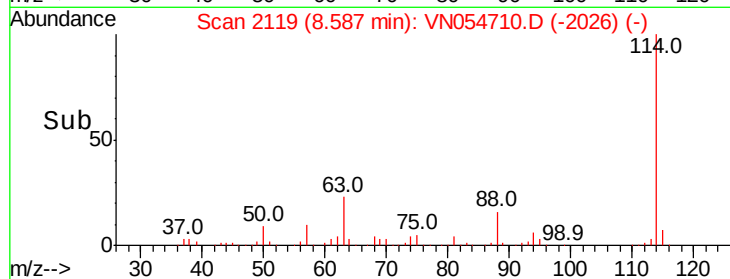
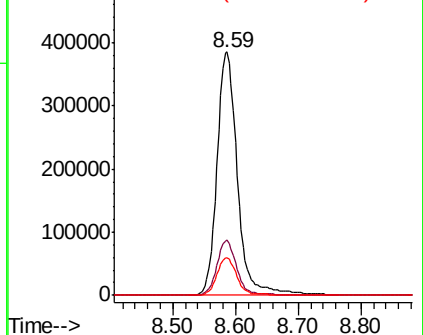
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054710.D
 Acq: 27 Mar 2019 10:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	35.2
88	15.6	0.0	30.2

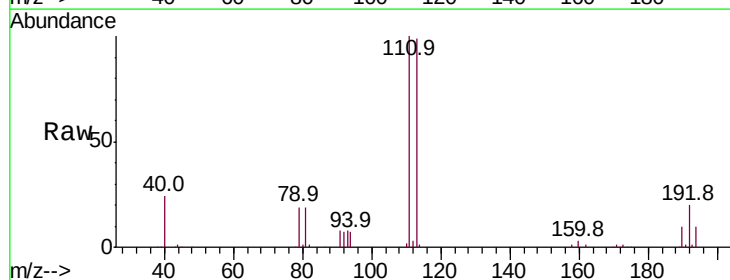


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

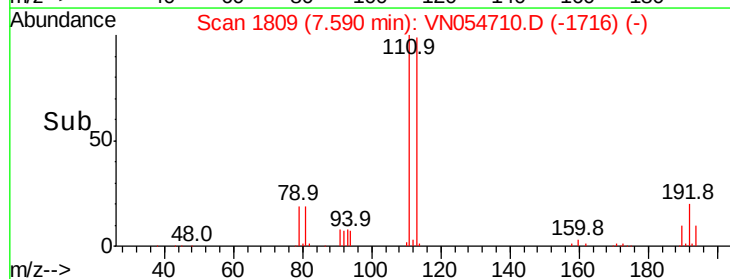
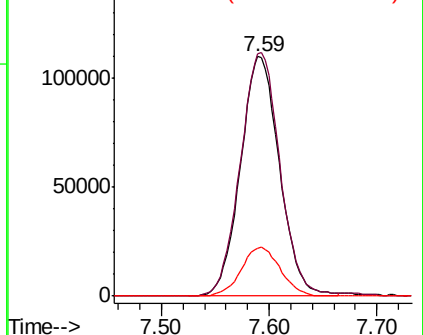


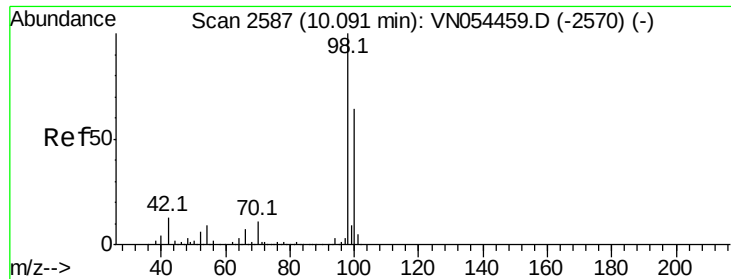
#35
 Dibromofluoromethane
 Concen: 49.430 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054710.D
 Acq: 27 Mar 2019 10:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.4
192	20.5	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

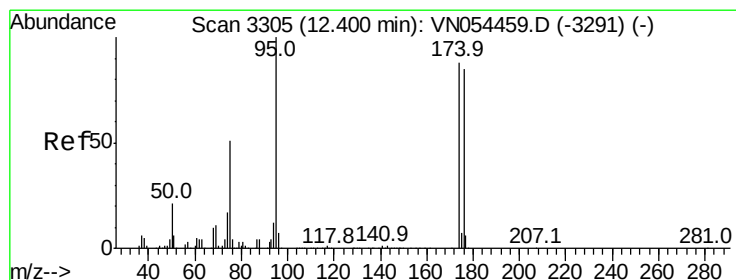
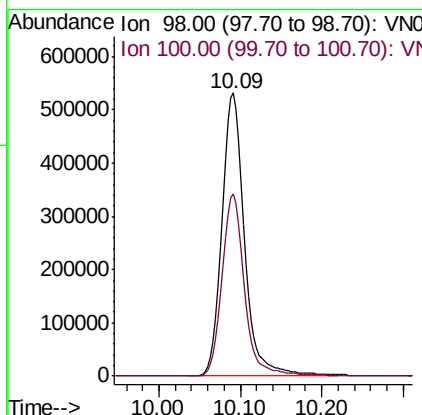
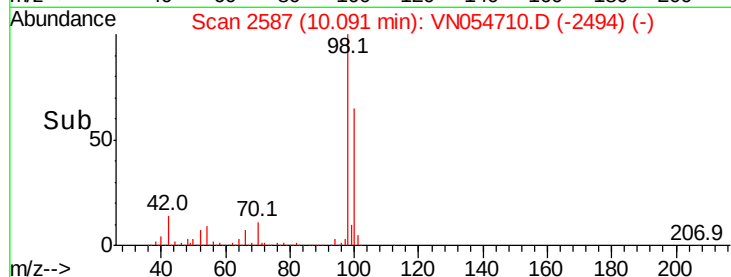
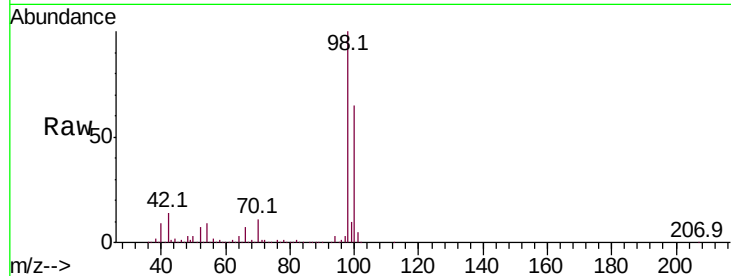




#50
Toluene-d8
Concen: 49.739 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054710.D
Acq: 27 Mar 2019 10:01

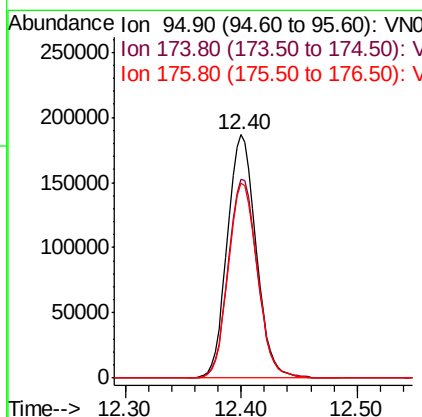
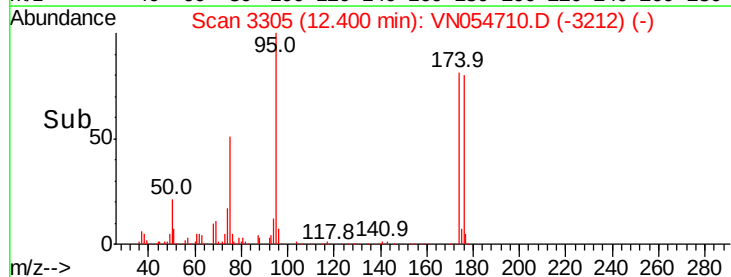
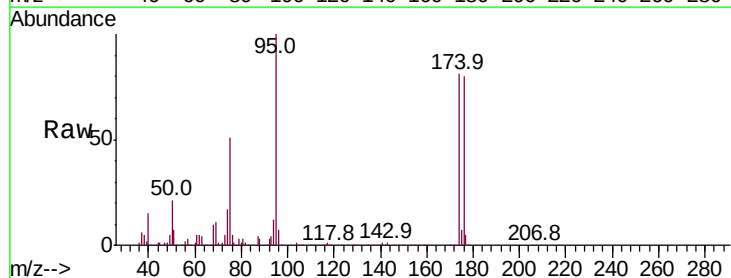
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL01

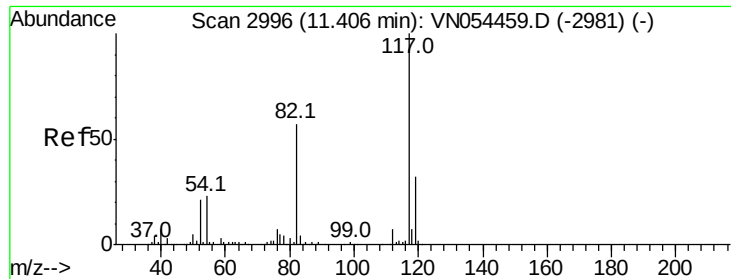
Tot Ion: 98 Resp: 1047269
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.691 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054710.D
Acq: 27 Mar 2019 10:01

Tgt Ion: 95 Resp: 320202
Ion Ratio Lower Upper
95 100
174 82.6 0.0 191.0
176 81.2 0.0 187.4

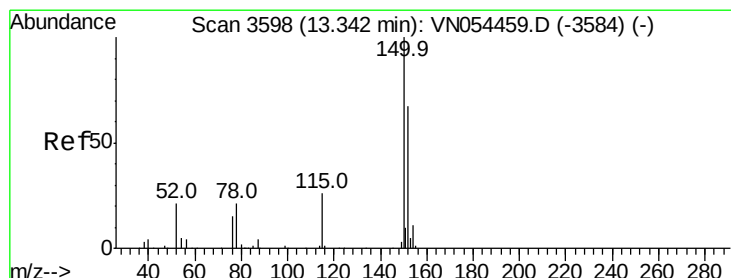
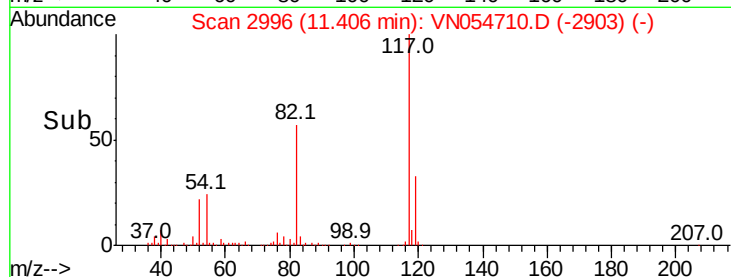
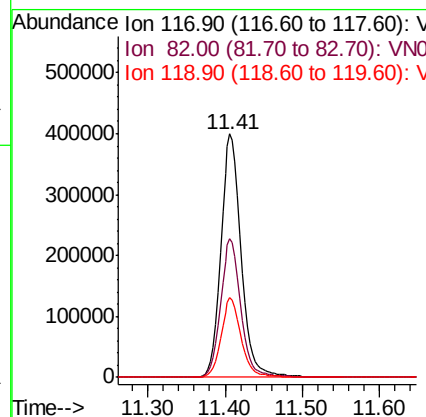
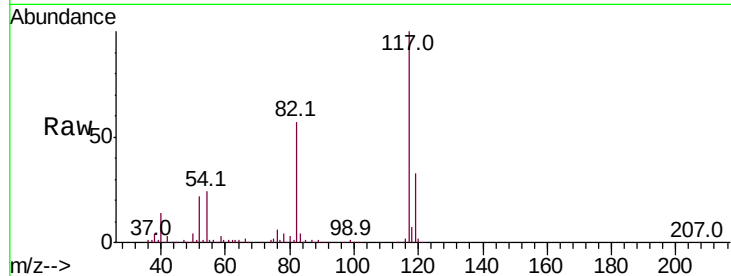




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054710.D
Acq: 27 Mar 2019 10:01

Instrument :
MSVOA_N
ClientSampled :
VN0327WBL01

Tot Ion:117 Resp: 736880
Ion Ratio Lower Upper
117 100
82 56.9 40.0 60.0
119 32.7 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: VN054710.D
Acq: 27 Mar 2019 10:01

Tgt Ion:152 Resp: 258554
Ion Ratio Lower Upper
152 100
115 58.6 27.2 81.6
150 155.8 0.0 349.2

