

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032619\
 Data File : VN054687.D
 Acq On : 26 Mar 2019 10:09
 Operator : JC/SP
 Sample : VN0326WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBL01

Quant Time: Mar 27 04:17:49 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	521942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	846572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	714098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	258302	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	347678	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	7.59	113	267216	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	10.09	98	1016745	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	311700	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	

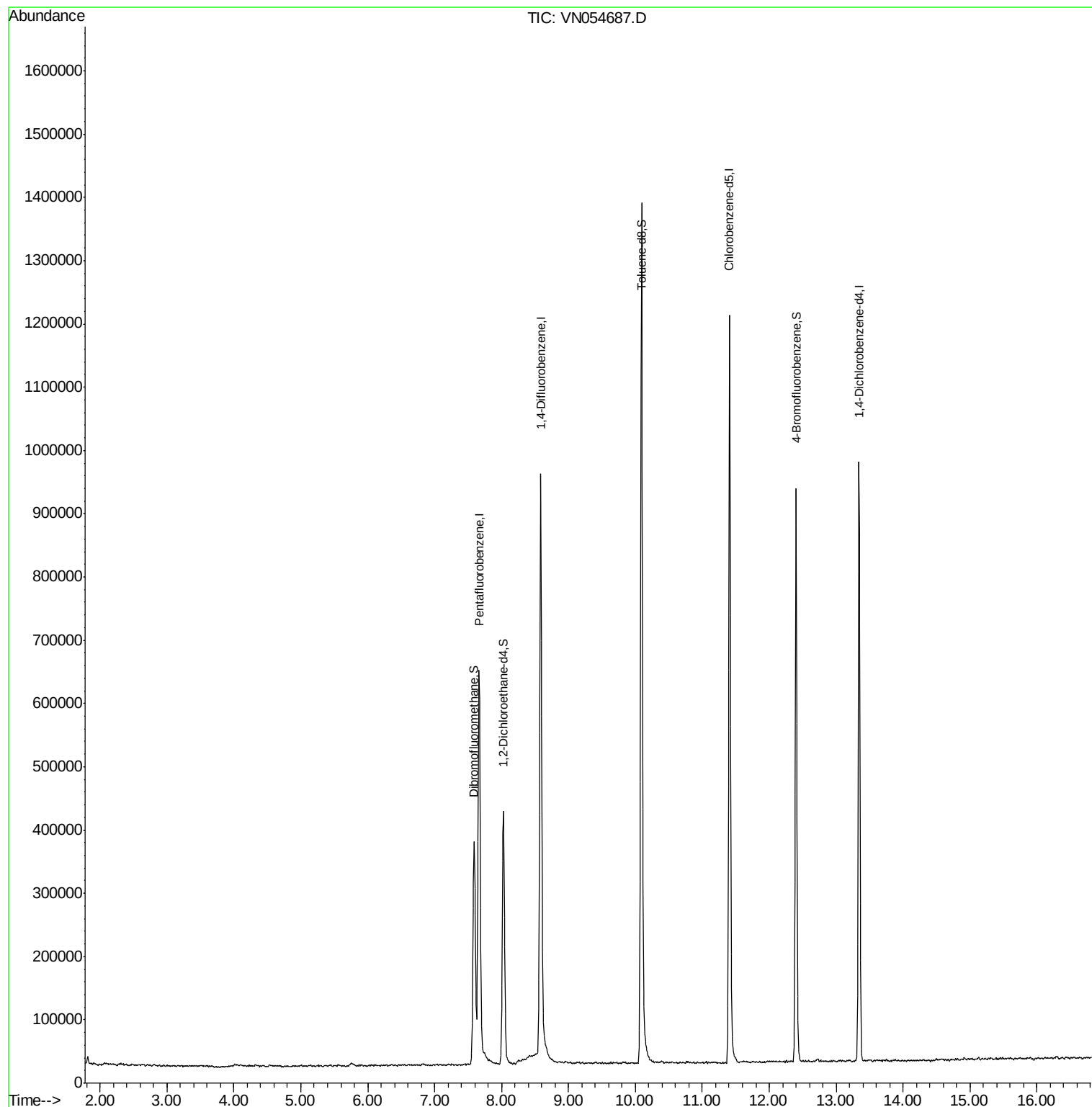
Target Compounds	Qvalue

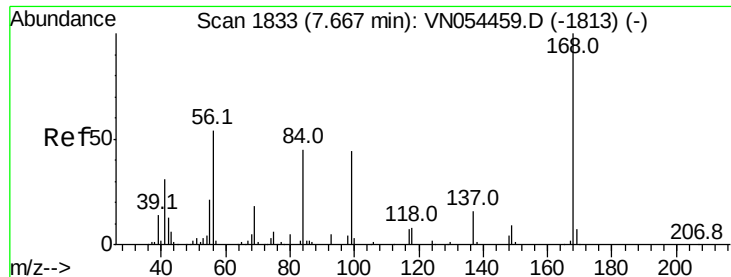
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054687.D

Acq: 26 Mar 2019 10:09

Instrument :

MSVOA_N

ClientSampleId :

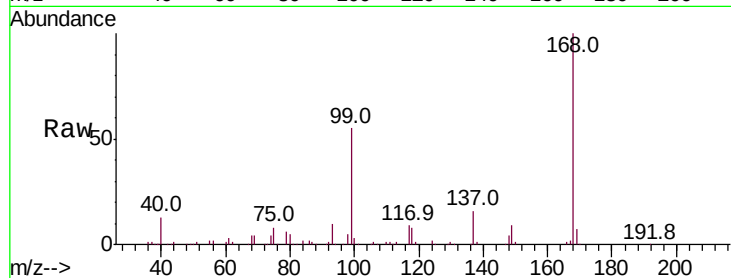
VN0326WBL01

Tot Ion:168 Resp: 521942

Ion Ratio Lower Upper

168 100

99 54.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1813) (-)

7.66

250000

200000

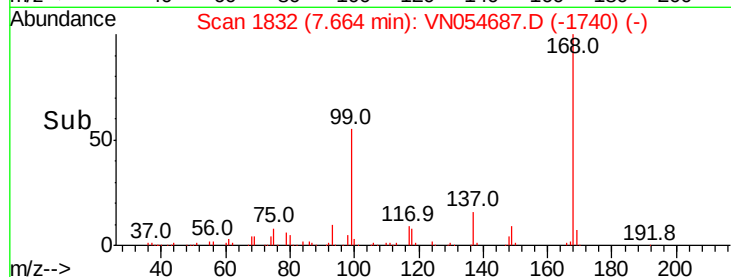
150000

100000

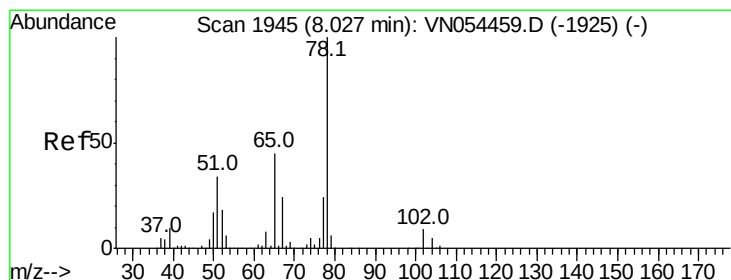
50000

0

Time-->



Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.554 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054687.D

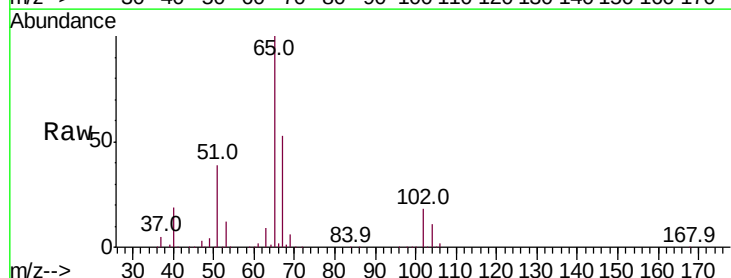
Acq: 26 Mar 2019 10:09

Tgt Ion: 65 Resp: 347678

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054459.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN054459.D (-1925) (-)

8.03

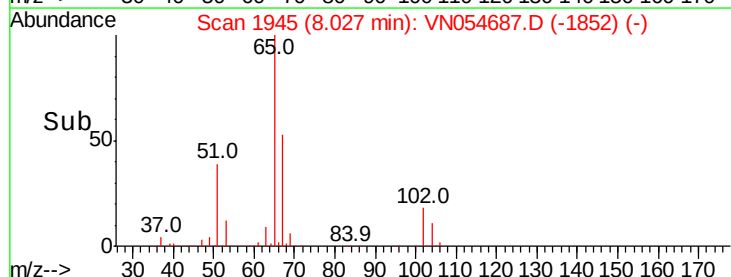
150000

100000

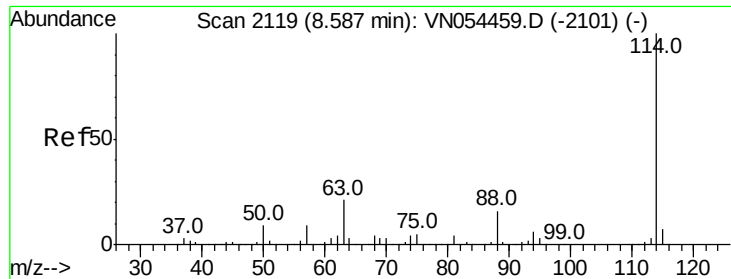
50000

0

Time-->



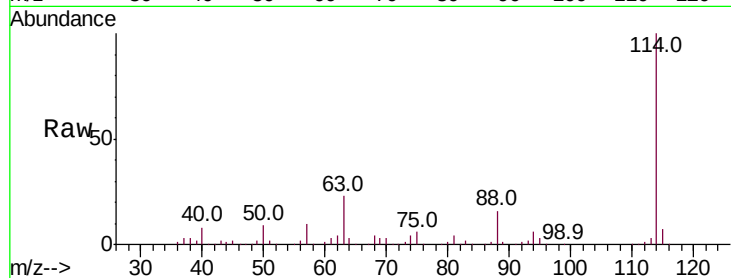
Time-->



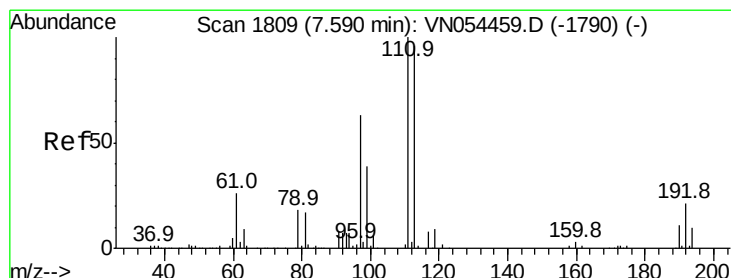
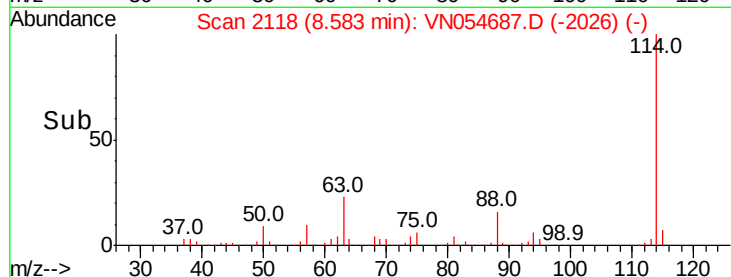
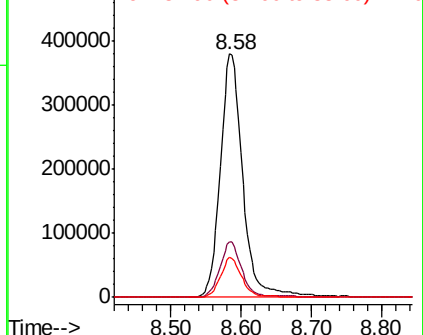
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054687.D
 Acq: 26 Mar 2019 10:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	35.2
88	16.2	0.0	30.2

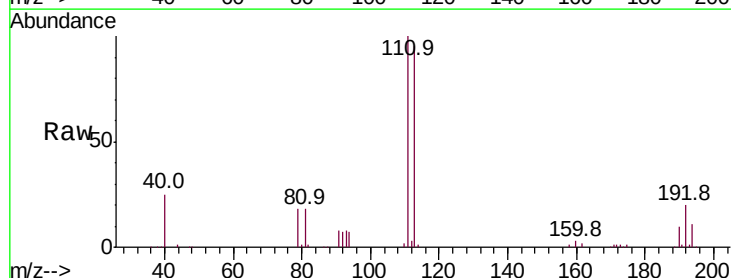


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

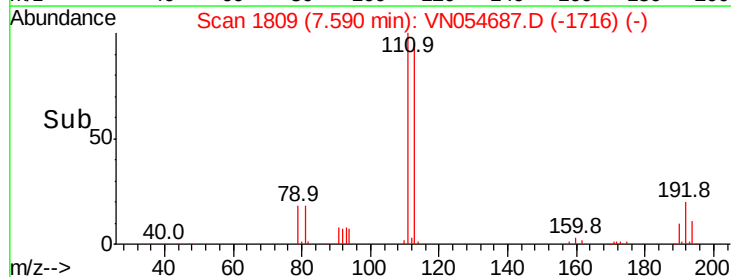
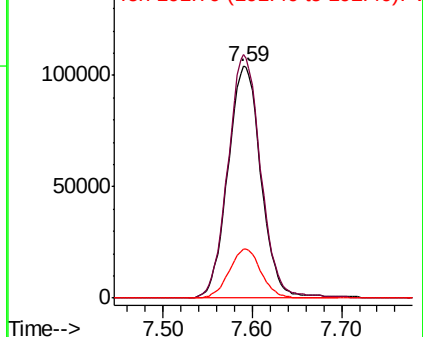


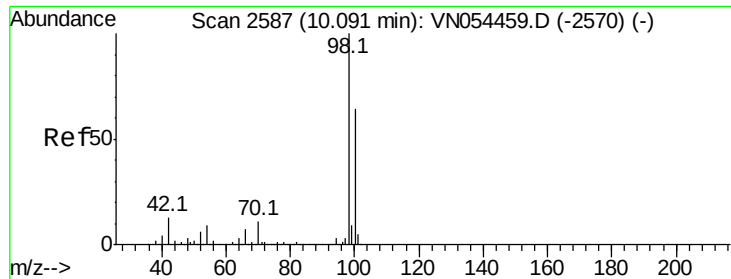
#35
 Dibromofluoromethane
 Concen: 48.994 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054687.D
 Acq: 26 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.4
192	20.6	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: 49.588 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054687.D

Acq: 26 Mar 2019 10:09

Instrument :

MSVOA_N

ClientSampleId :

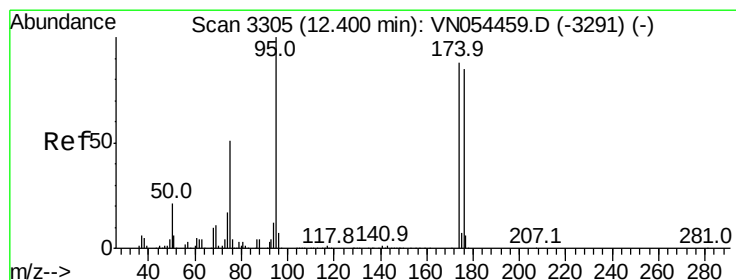
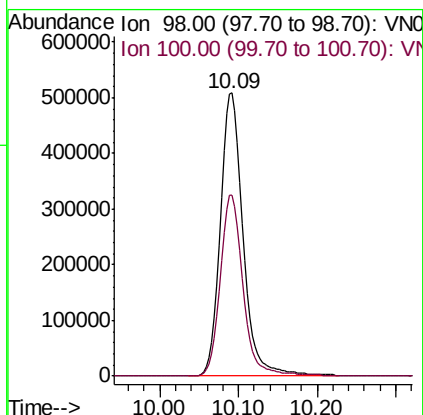
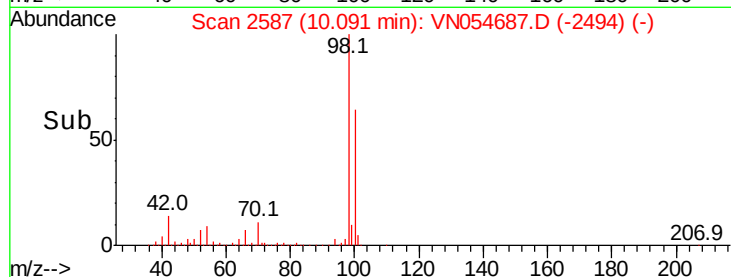
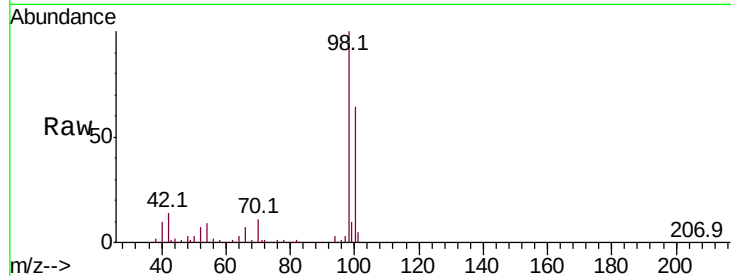
VN0326WBL01

Tot Ion: 98 Resp: 1016745

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.675 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054687.D

Acq: 26 Mar 2019 10:09

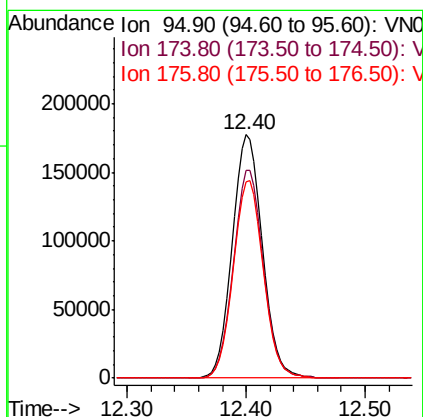
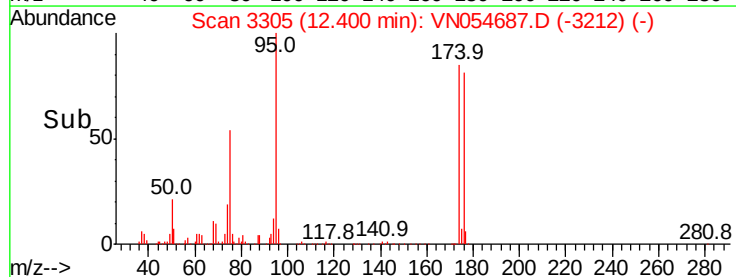
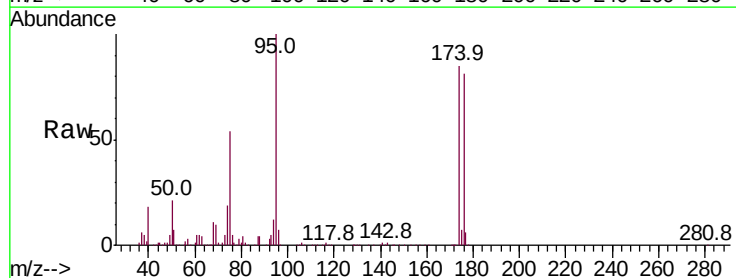
Tgt Ion: 95 Resp: 311700

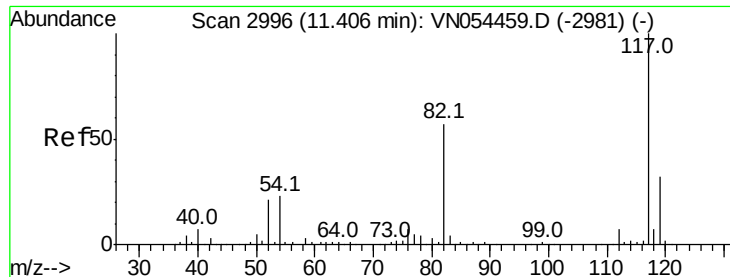
Ion Ratio Lower Upper

95 100

174 84.9 0.0 191.0

176 81.1 0.0 187.4

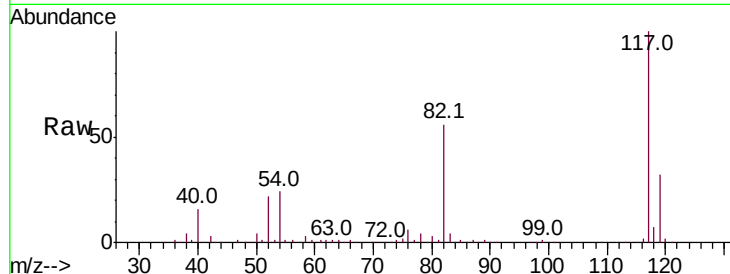




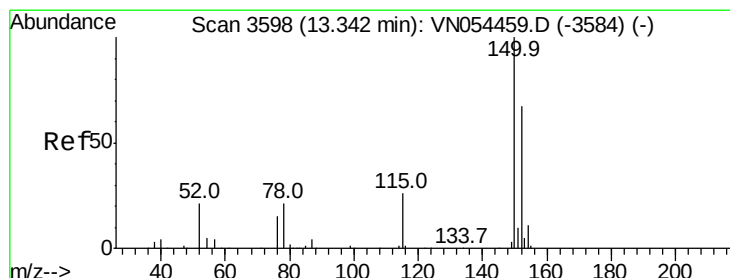
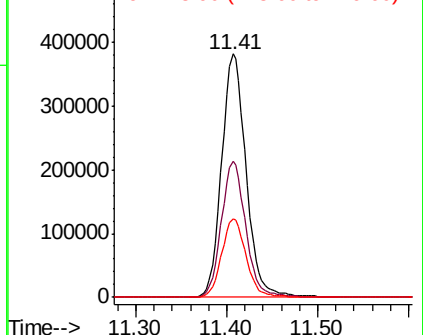
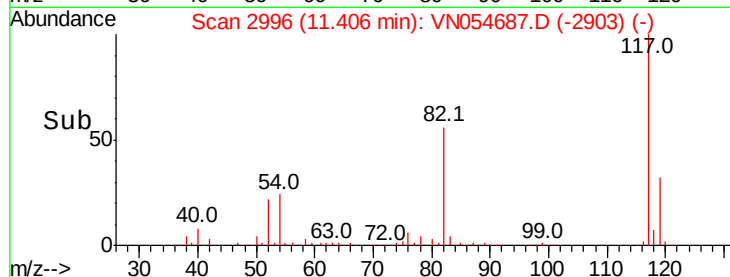
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054687.D
Acq: 26 Mar 2019 10:09

Instrument :
MSVOA_N
ClientSampled :
VN0326WBL01

Tot Ion:117 Resp: 714098
Ion Ratio Lower Upper
117 100
82 56.0 40.0 60.0
119 32.4 25.8 38.6

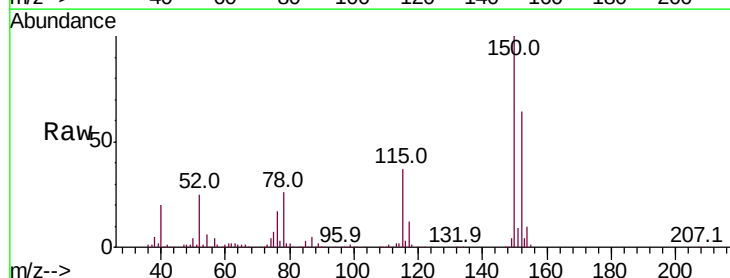


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054687.D
Acq: 26 Mar 2019 10:09

Tgt Ion:152 Resp: 258302
Ion Ratio Lower Upper
152 100
115 56.8 27.2 81.6
150 156.2 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

