

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059624.D
 Acq On : 17 Dec 2019 15:08
 Operator : JC/SP
 Sample : PB125501TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125501TB

Quant Time: Dec 18 06:05:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	237664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	378632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	335240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128721	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	169014	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
35) Dibromofluoromethane	7.57	113	117730	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.08	98	465867	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.40	95	152323	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	

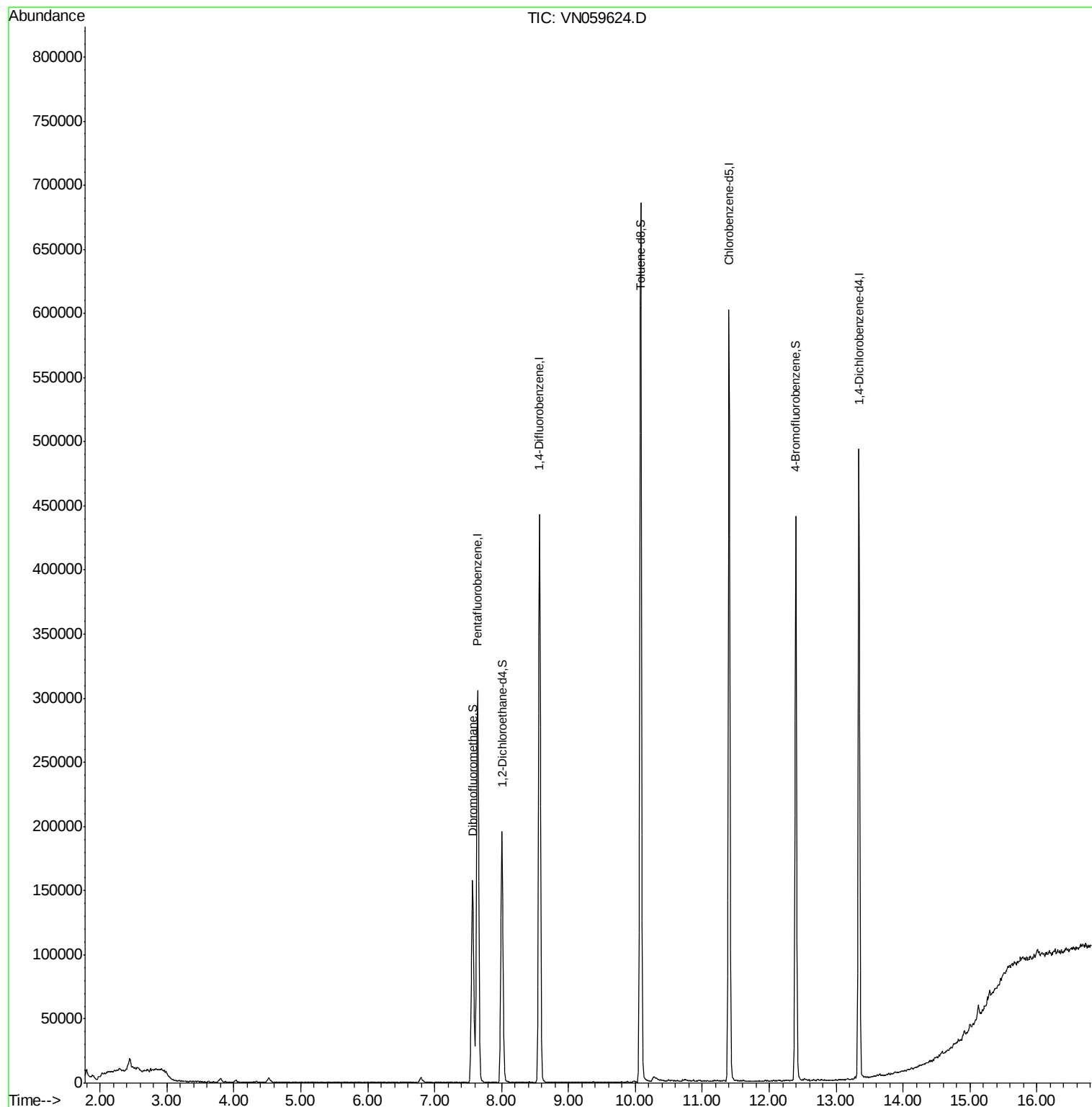
Target Compounds	Qvalue
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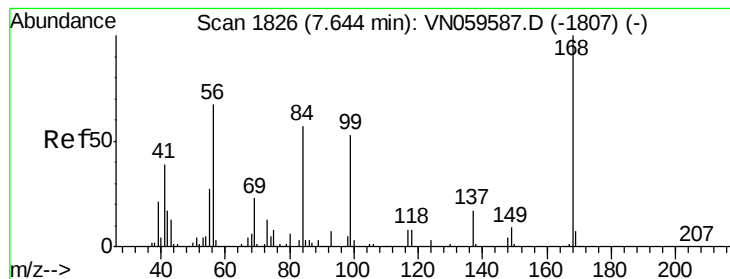
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059624.D

Acq: 17 Dec 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

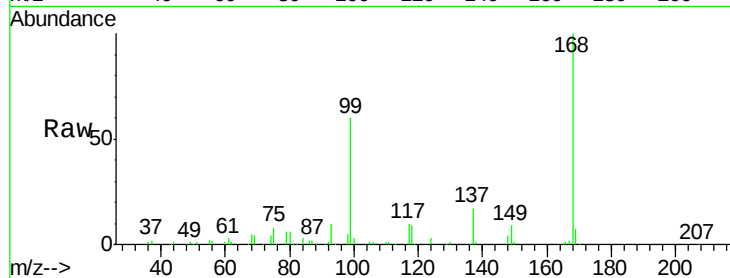
PB125501TB

Tot Ion:168 Resp: 237664

Ion Ratio Lower Upper

168 100

99 60.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

100000

80000

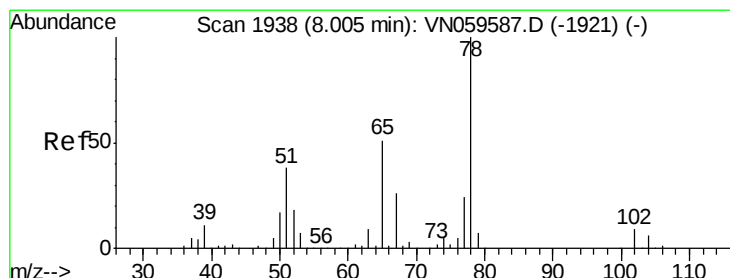
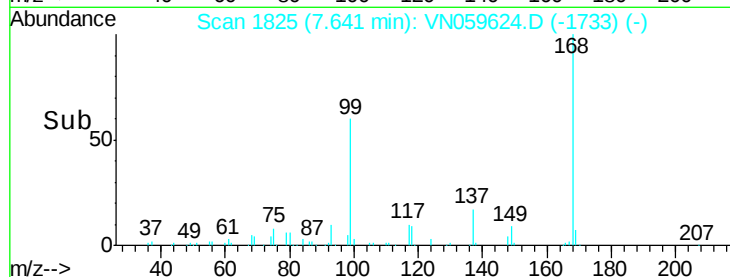
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 48.871 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059624.D

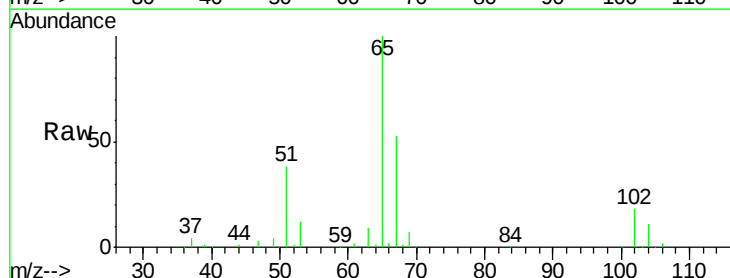
Acq: 17 Dec 2019 15:08

Tgt Ion: 65 Resp: 169014

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.00

80000

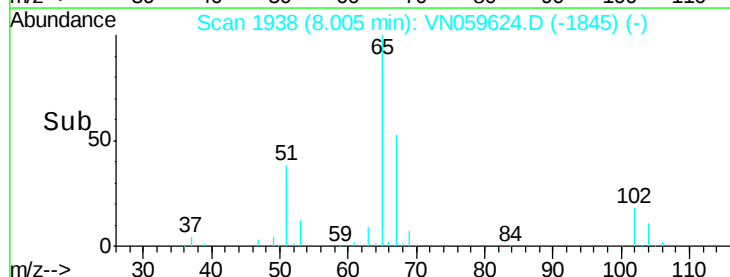
60000

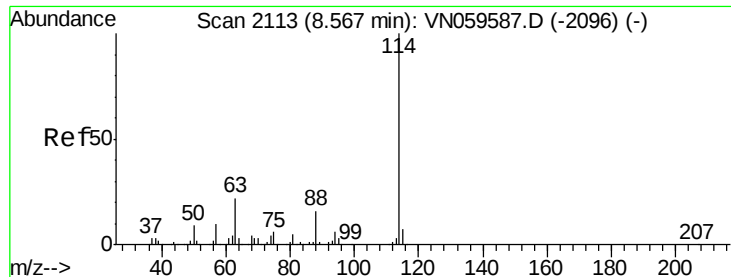
40000

20000

0

Time--> 7.90 8.00 8.10

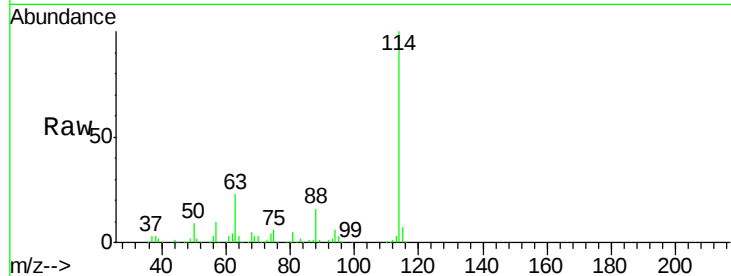




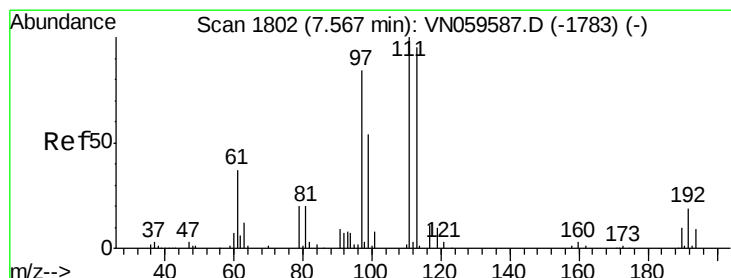
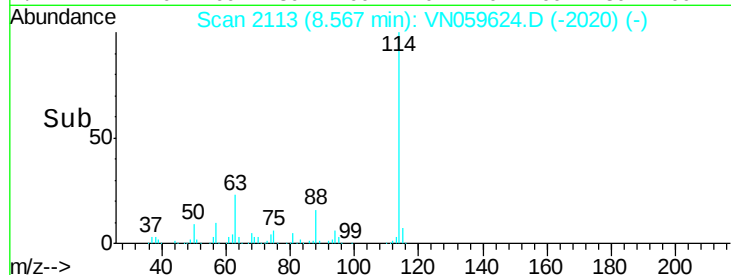
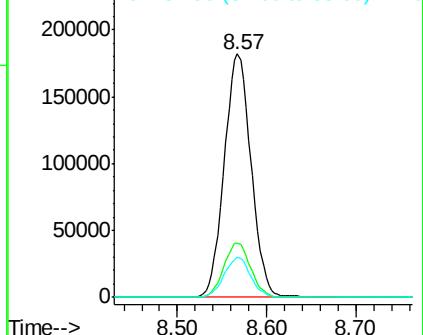
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059624.D
 Acq: 17 Dec 2019 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125501TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.6
88	16.3	0.0	31.4

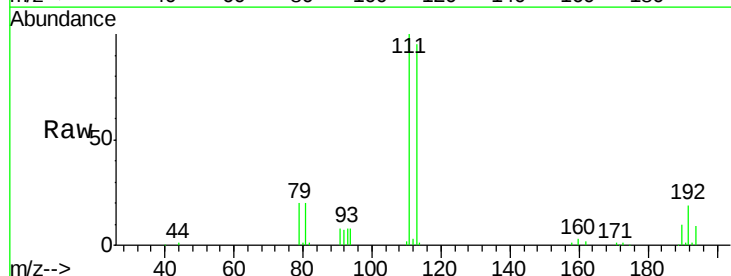


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

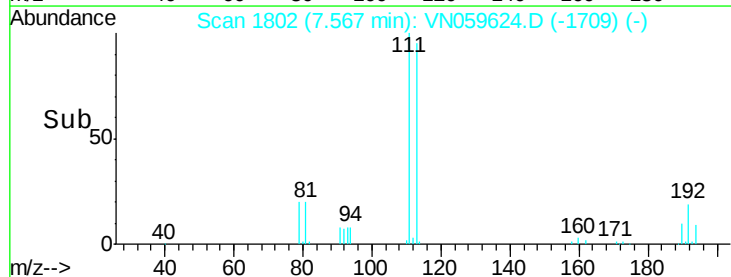
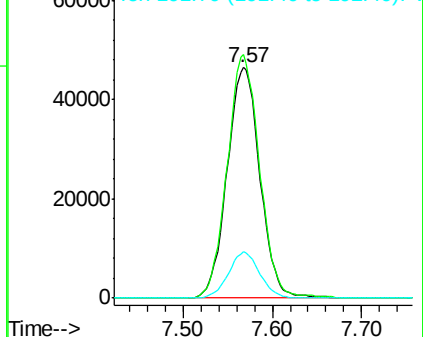


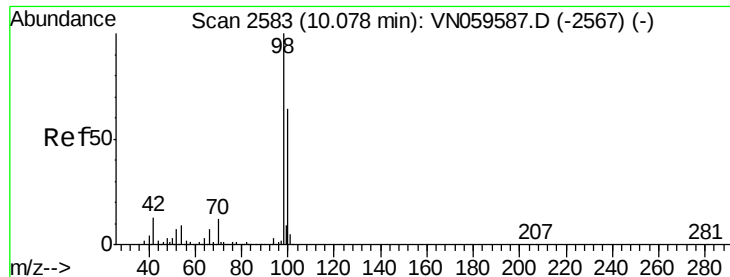
#35
 Dibromofluoromethane
 Concen: 49.695 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059624.D
 Acq: 17 Dec 2019 15:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.5	125.3
192	19.0	15.4	23.2



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: 49.669 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059624.D

Acq: 17 Dec 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

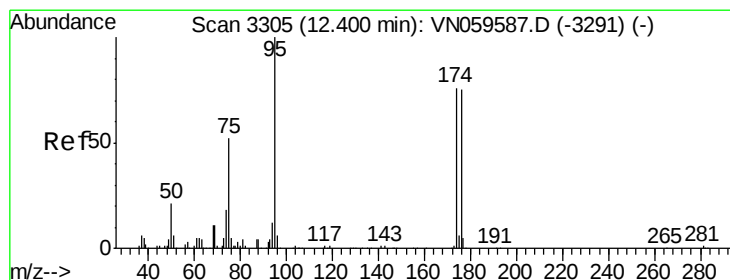
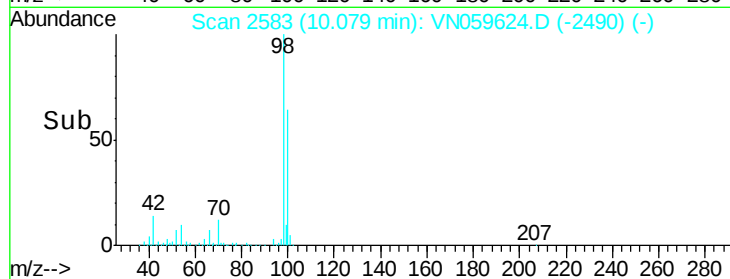
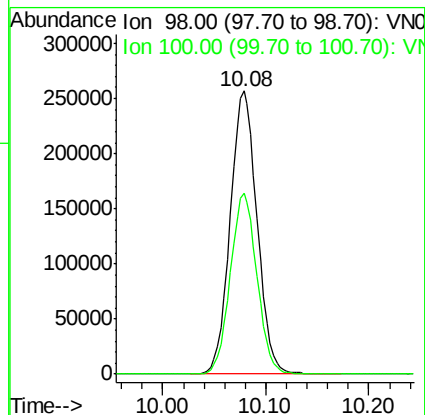
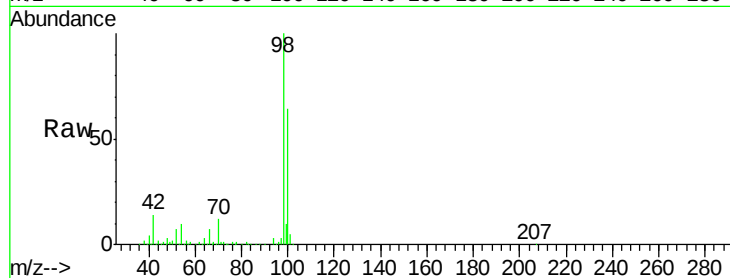
PB125501TB

Tot Ion: 98 Resp: 465867

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.507 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059624.D

Acq: 17 Dec 2019 15:08

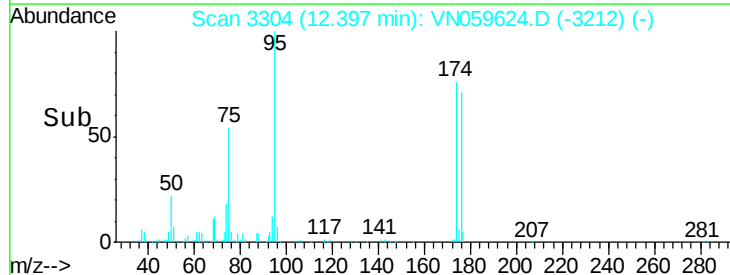
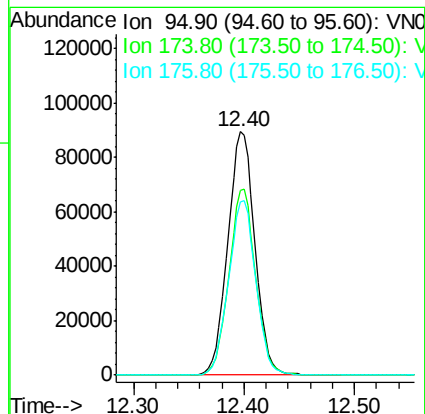
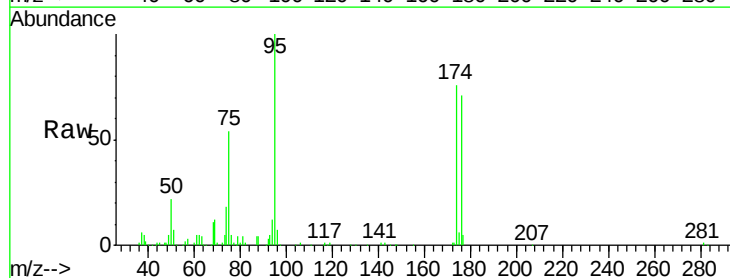
Tgt Ion: 95 Resp: 152323

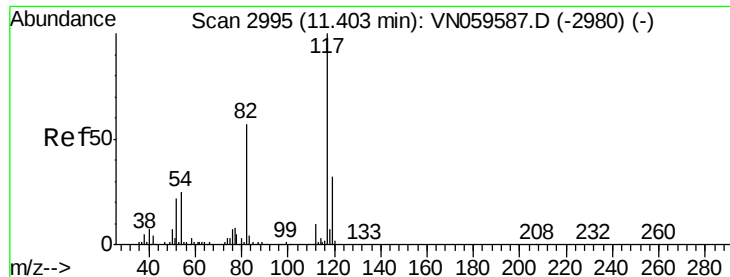
Ion Ratio Lower Upper

95 100

174 75.3 0.0 151.4

176 72.2 0.0 146.0

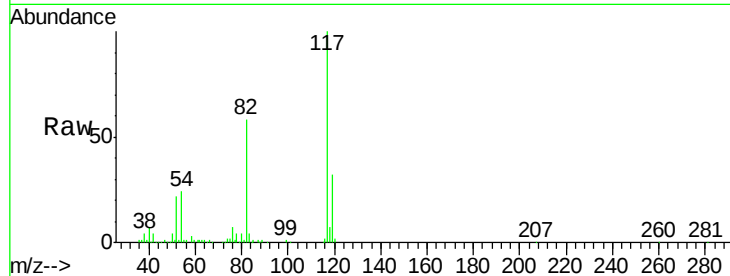




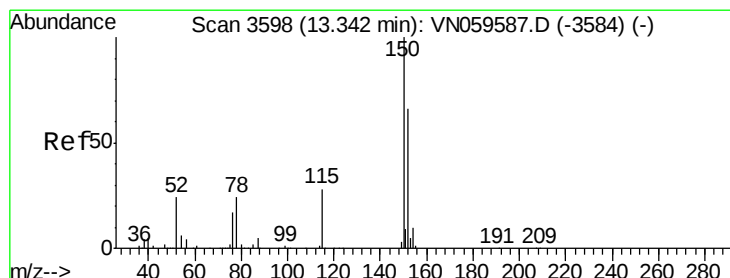
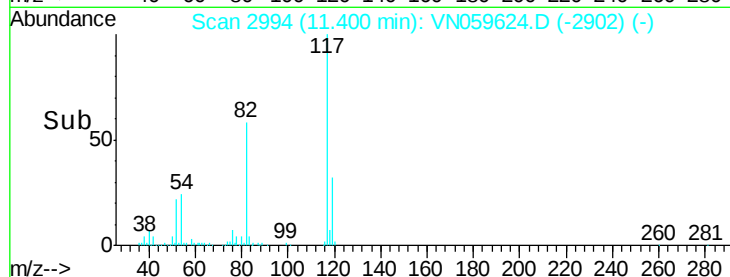
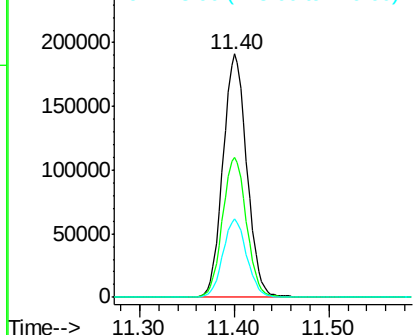
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059624.D
Acq: 17 Dec 2019 15:08

Instrument :
MSVOA_N
ClientSampled :
PB125501TB

Tot Ion:117 Resp: 335240
Ion Ratio Lower Upper
117 100
82 57.6 45.9 68.9
119 32.1 25.5 38.3

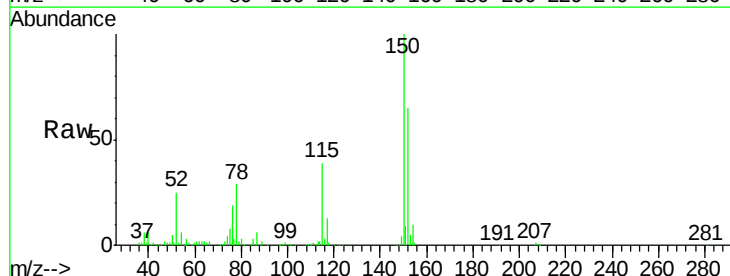


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN059624.D
Acq: 17 Dec 2019 15:08

Tgt Ion:152 Resp: 128721
Ion Ratio Lower Upper
152 100
115 60.1 30.3 90.9
150 156.0 0.0 345.2



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

