

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056309.D
 Acq On : 14 Jun 2019 14:04
 Operator : JC/SP
 Sample : K3331-01DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Quant Time: Jun 14 23:59:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

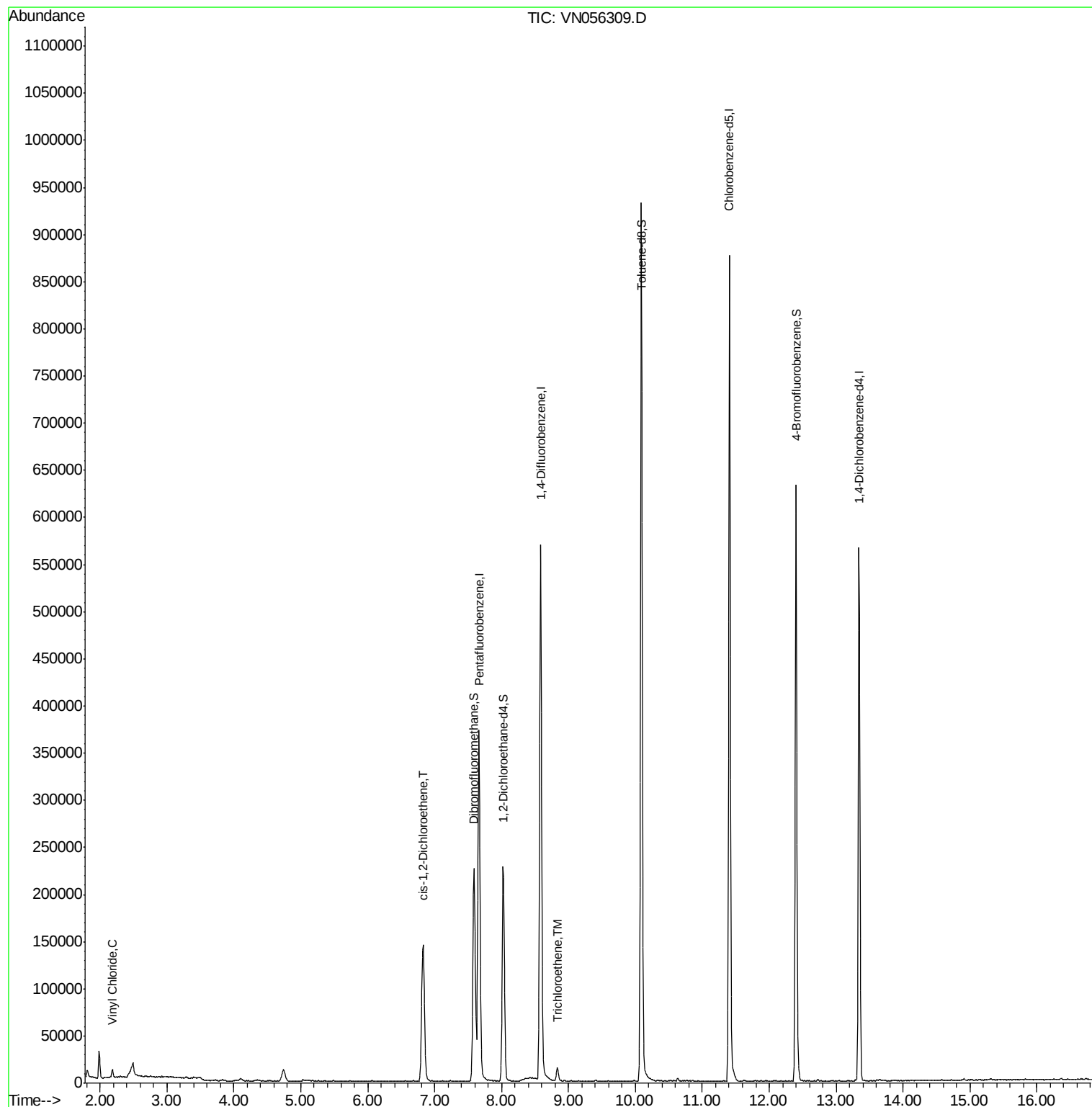
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	340818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	561388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	558333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	192564	56.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.80%	
35) Dibromofluoromethane	7.59	113	177538	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	10.09	98	691109	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.40	95	228174	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
Target Compounds						
4) Vinyl Chloride	2.18	62	7861	2.121	ug/l	90
27) cis-1,2-Dichloroethene	6.83	96	100561	27.907	ug/l	93
44) Trichloroethene	8.83	130	6294	1.494	ug/l	89

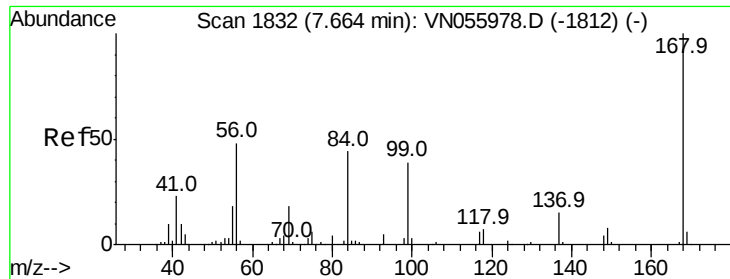
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061419\
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QLast Update : Tue Jun 04 11:02:09 2019
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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: VN056309.D

Acq: 14 Jun 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

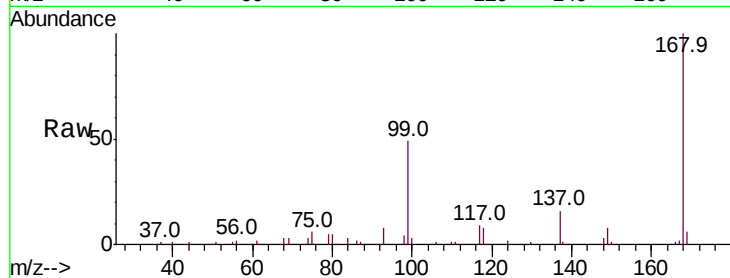
MW-1DL

Tot Ion:168 Resp: 340818

Ion Ratio Lower Upper

168 100

99 48.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

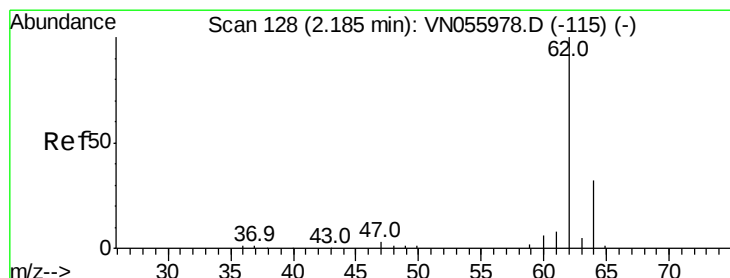
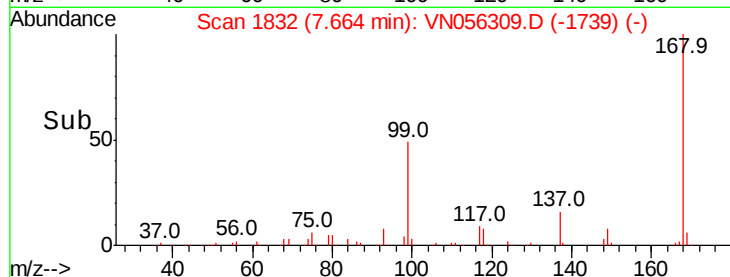
100000

50000

0

7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 2.121 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056309.D

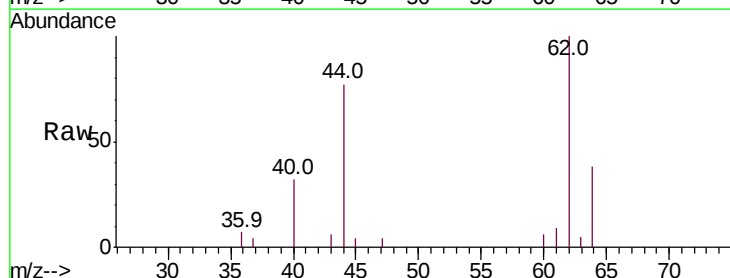
Acq: 14 Jun 2019 14:04

Tgt Ion: 62 Resp: 7861

Ion Ratio Lower Upper

62 100

64 37.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.18

5000

4000

3000

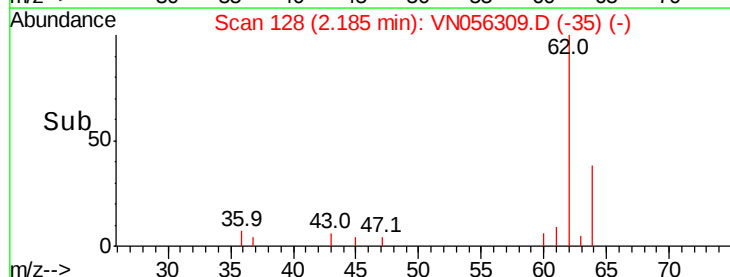
2000

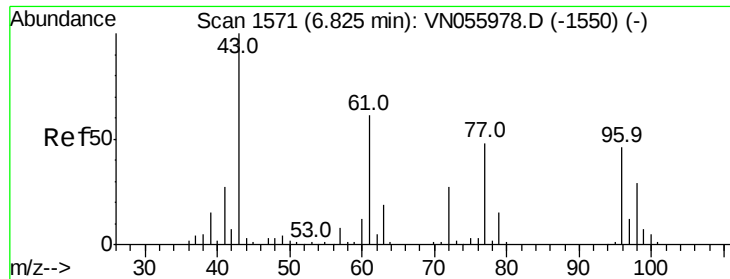
1000

0

2.15 2.20 2.25

Time-->





#27

cis-1,2-Dichloroethene

Concen: 27.907 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056309.D

Acq: 14 Jun 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

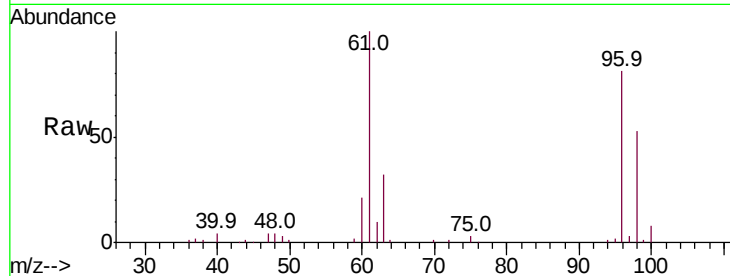
Tot Ion: 96 Resp: 100561

Ion Ratio Lower Upper

96 100

61 125.1 0.0 275.8

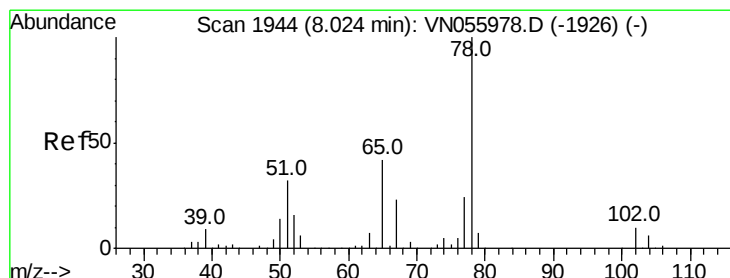
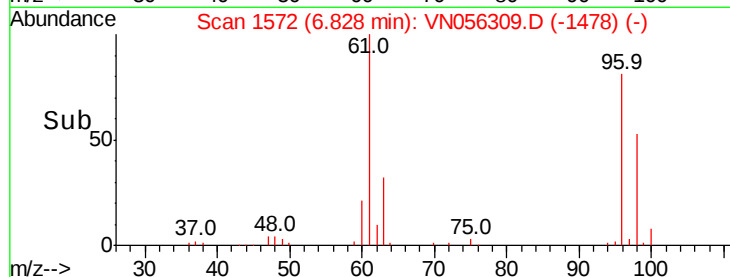
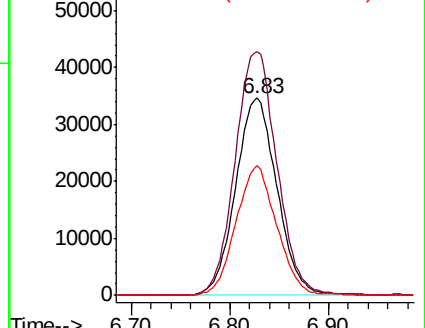
98 64.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 56.904 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN056309.D

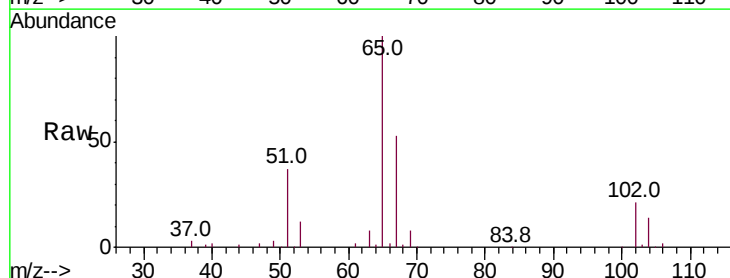
Acq: 14 Jun 2019 14:04

Tgt Ion: 65 Resp: 192564

Ion Ratio Lower Upper

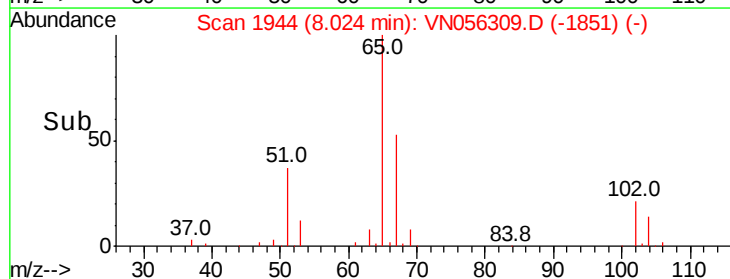
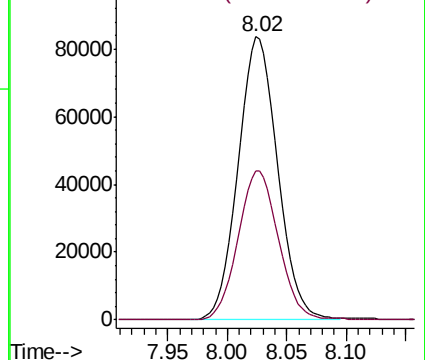
65 100

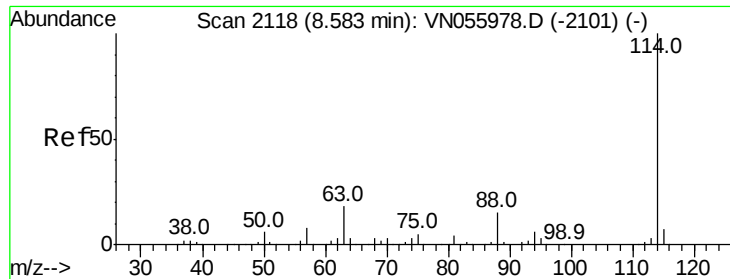
67 53.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

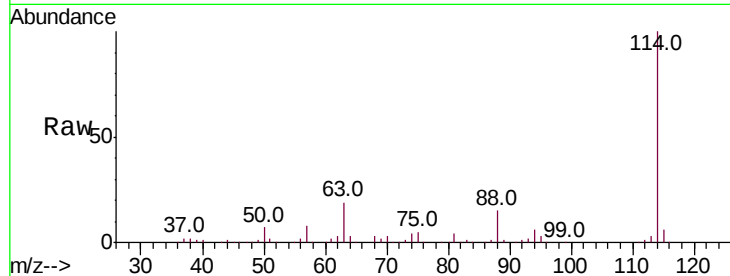




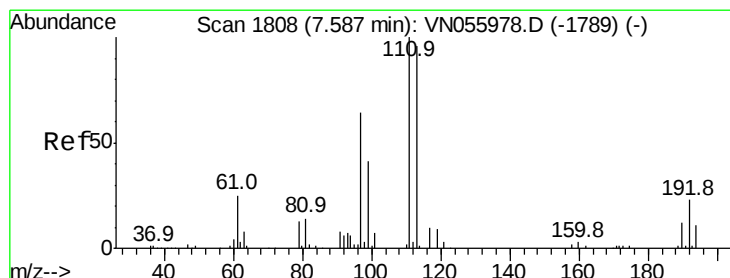
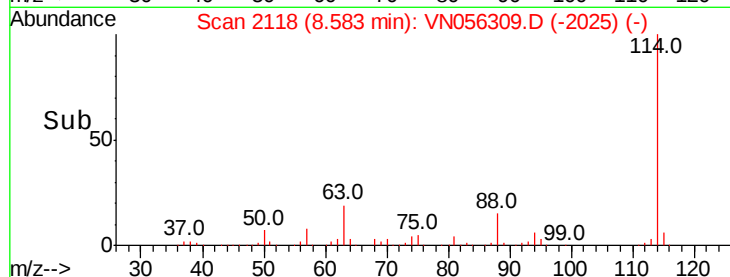
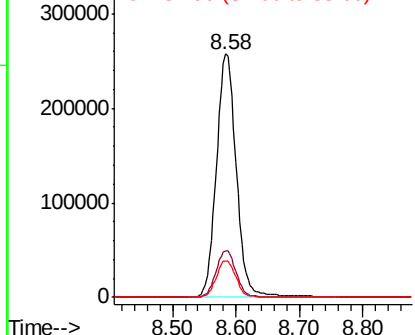
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056309.D
Acq: 14 Jun 2019 14:04

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tot Ion:114 Resp: 561388
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.2
88 14.9 0.0 31.0

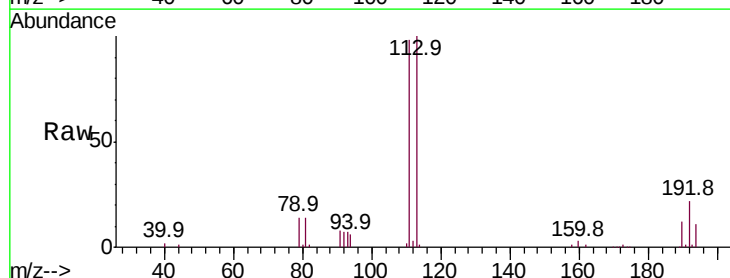


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

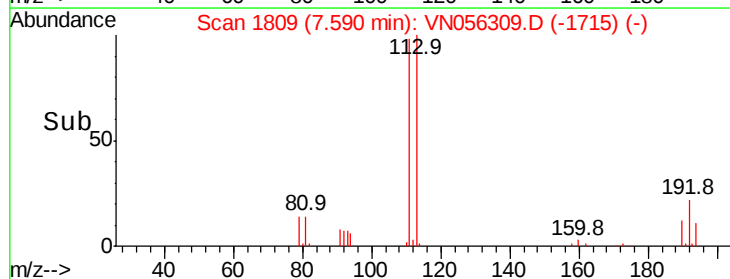
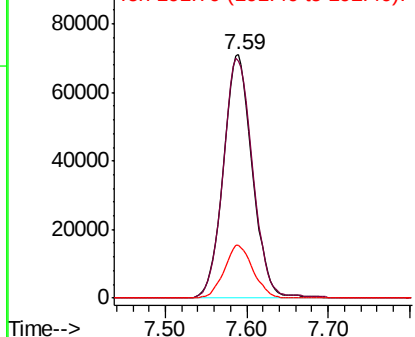


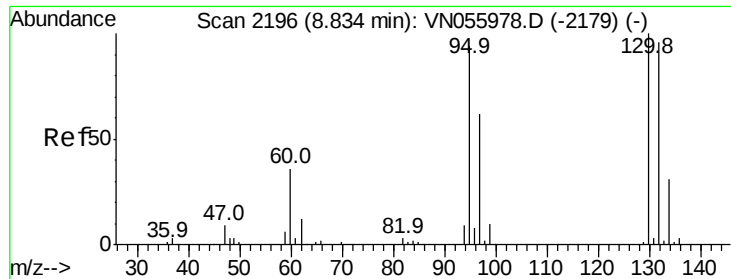
#35
Dibromofluoromethane
Concen: 51.545 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056309.D
Acq: 14 Jun 2019 14:04

Tgt Ion:113 Resp: 177538
Ion Ratio Lower Upper
113 100
111 99.6 81.9 122.9
192 21.7 19.5 29.3



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





#44

Trichloroethene

Concen: 1.494 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056309.D

Acq: 14 Jun 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

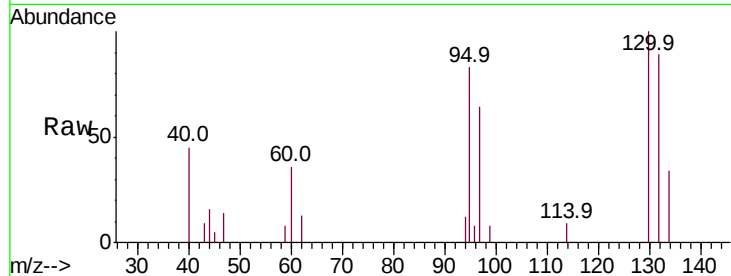
MW-1DL

Tot Ion:130 Resp: 6294

Ion Ratio Lower Upper

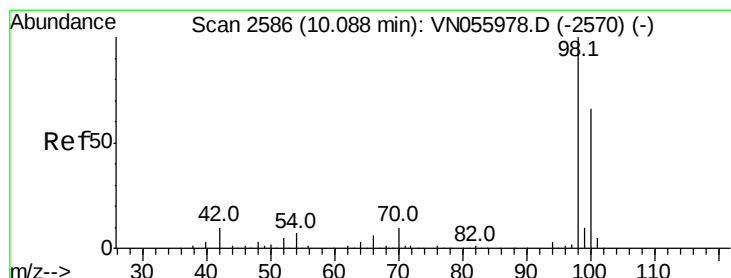
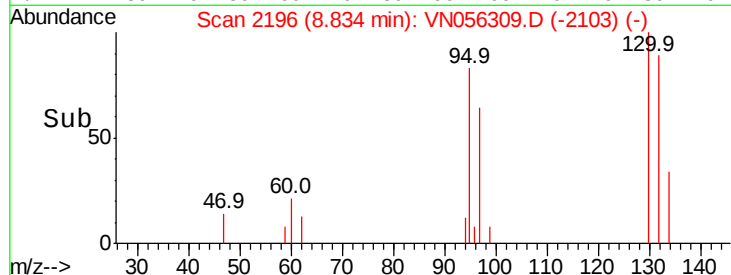
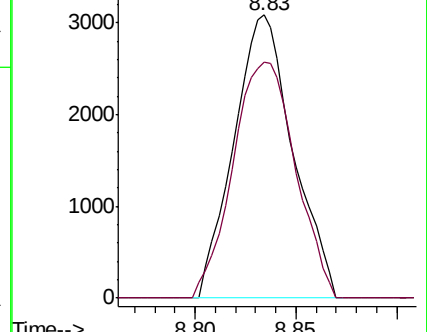
130 100

95 83.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 52.145 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056309.D

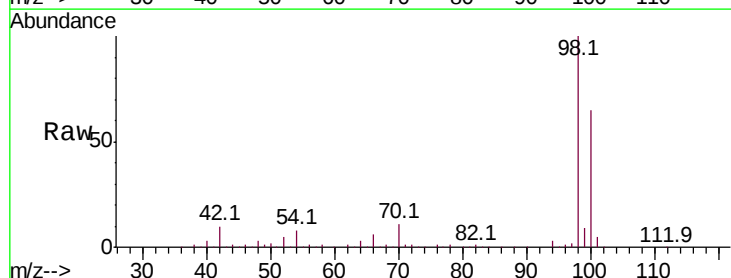
Acq: 14 Jun 2019 14:04

Tgt Ion: 98 Resp: 691109

Ion Ratio Lower Upper

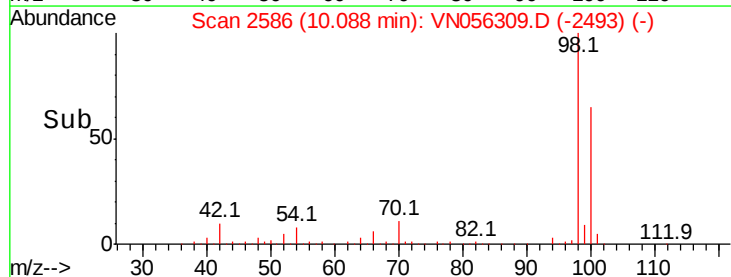
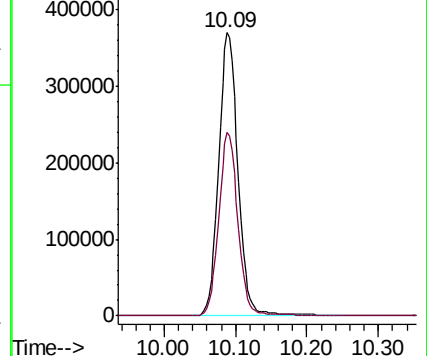
98 100

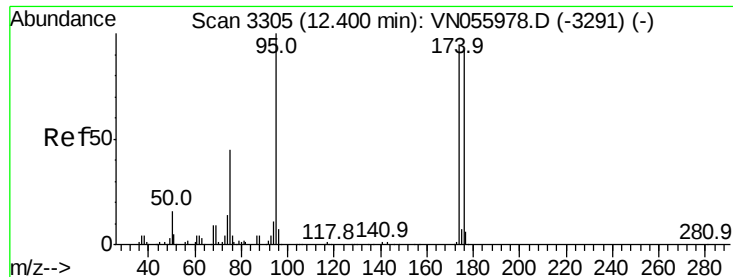
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 50.624 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056309.D

Acq: 14 Jun 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

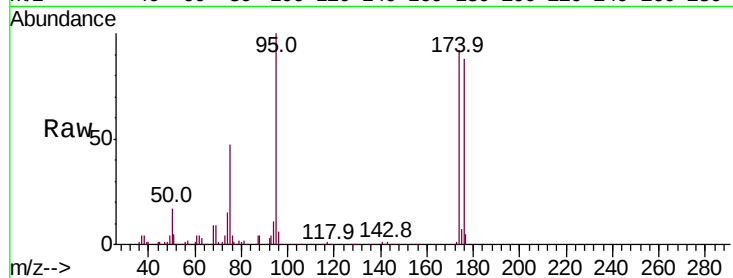
Tot Ion: 95 Resp: 228174

Ion Ratio Lower Upper

95 100

174 91.9 0.0 191.0

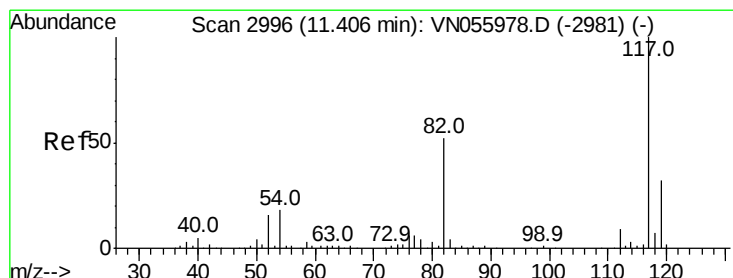
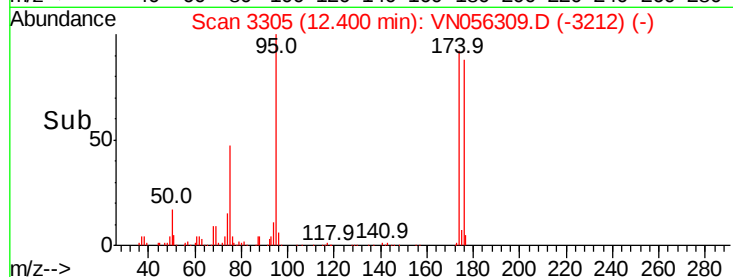
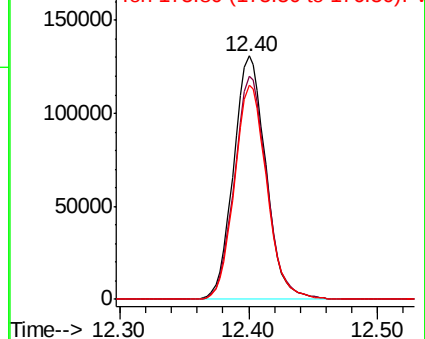
176 88.0 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056309.D

Acq: 14 Jun 2019 14:04

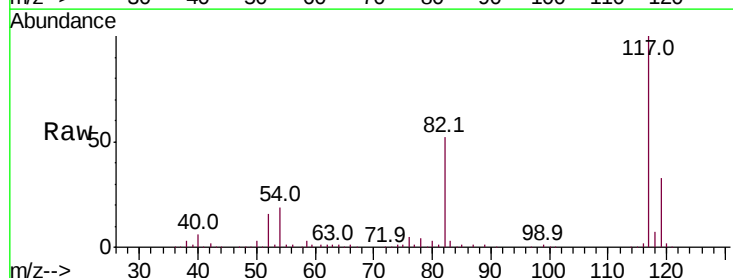
Tgt Ion: 117 Resp: 558333

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

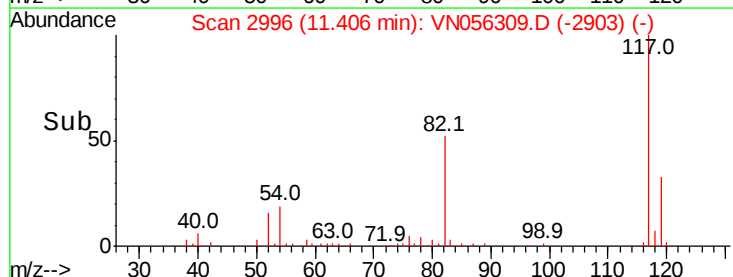
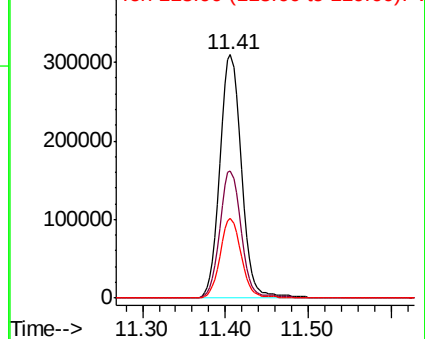
119 32.7 25.4 38.0

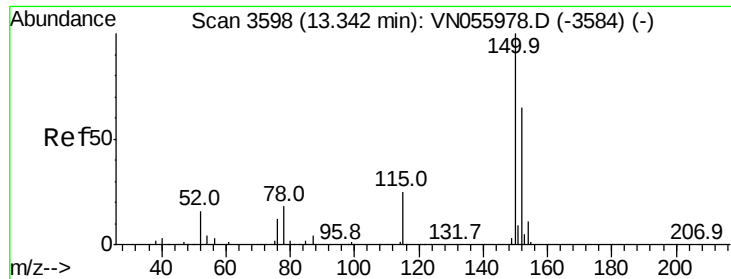


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056309.D

Acq: 14 Jun 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

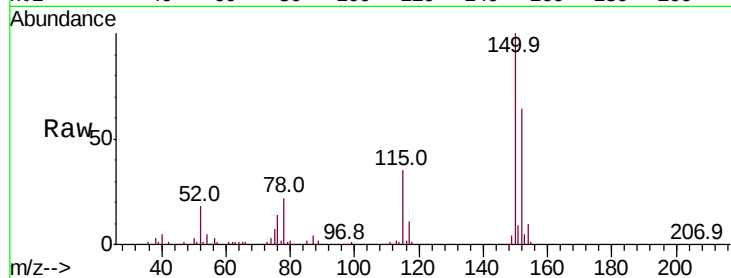
Tot Ion:152 Resp: 172186

Ion Ratio Lower Upper

152 100

115 55.6 27.0 81.0

150 156.9 0.0 343.2



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

