

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059630.D
 Acq On : 17 Dec 2019 17:20
 Operator : JC/SP
 Sample : K6330-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 11978

Quant Time: Dec 18 06:15:47 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

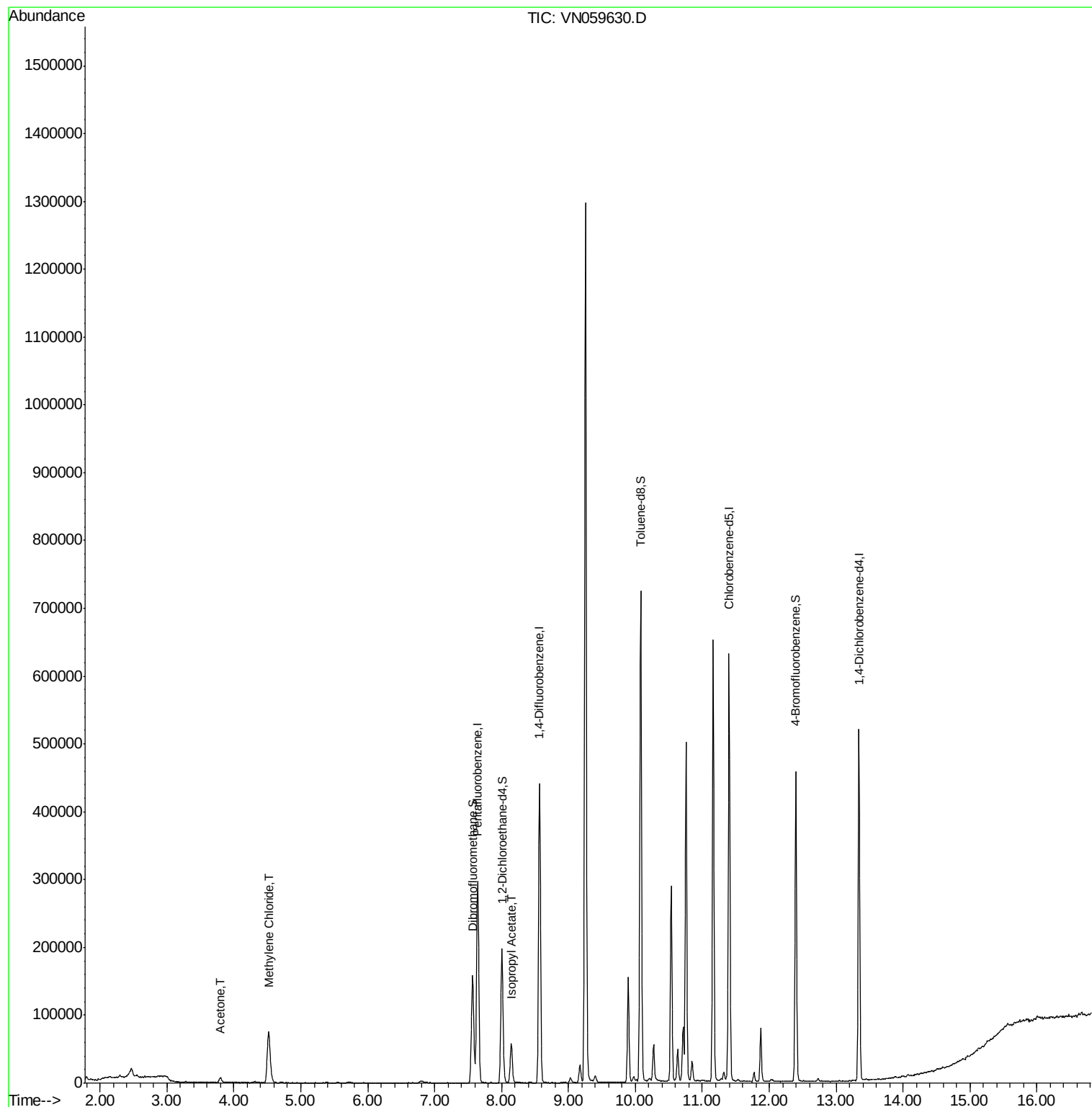
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	231808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	379654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	345541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	131021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	173701	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
35) Dibromofluoromethane	7.57	113	121166	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
50) Toluene-d8	10.08	98	480655	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	153141	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
Target Compounds						
16) Acetone	3.80	43	12484	6.234	ug/l	95
20) Methylene Chloride	4.52	84	56645	19.585	ug/l	98
43) Isopropyl Acetate	8.14	43	68705	9.603	ug/l #	91

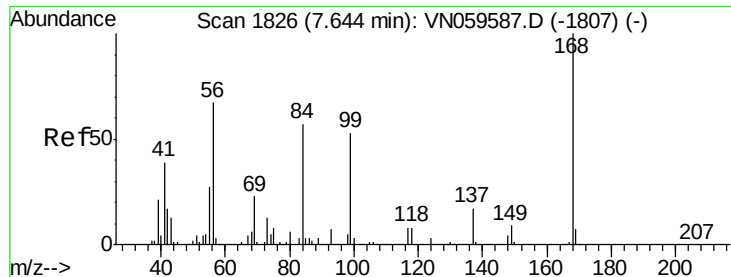
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 23:17:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059630.D

Acq: 17 Dec 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

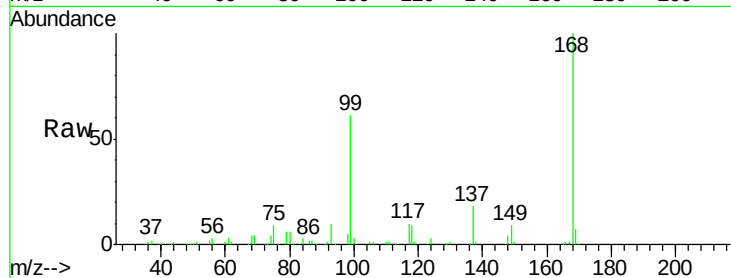
11978

Tot Ion:168 Resp: 231808

Ion Ratio Lower Upper

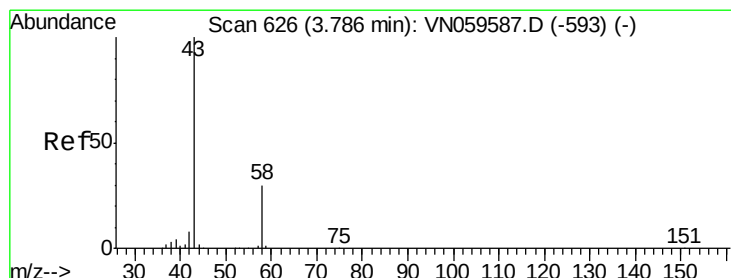
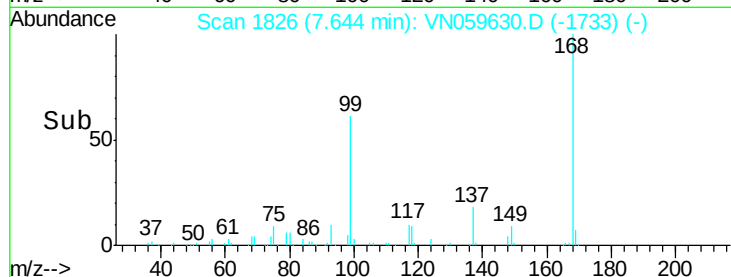
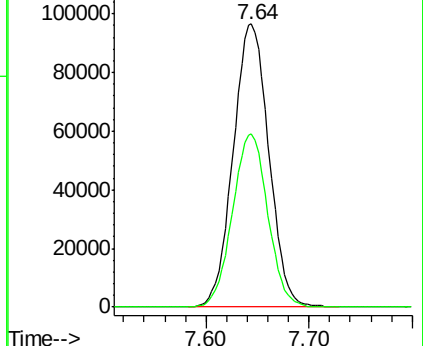
168 100

99 61.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.234 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059630.D

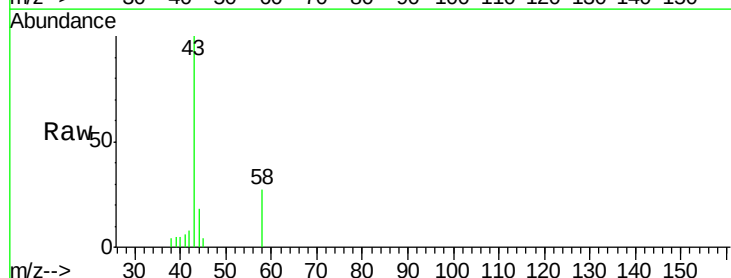
Acq: 17 Dec 2019 17:20

Tgt Ion: 43 Resp: 12484

Ion Ratio Lower Upper

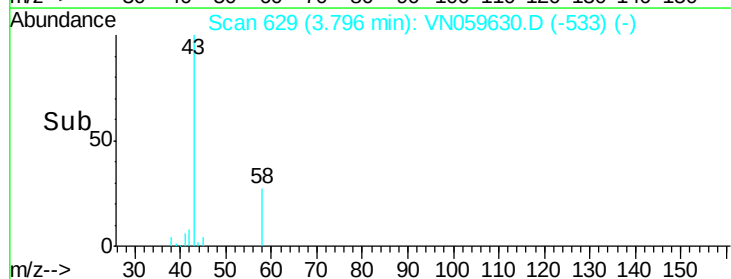
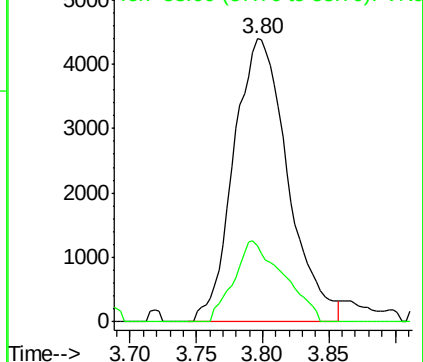
43 100

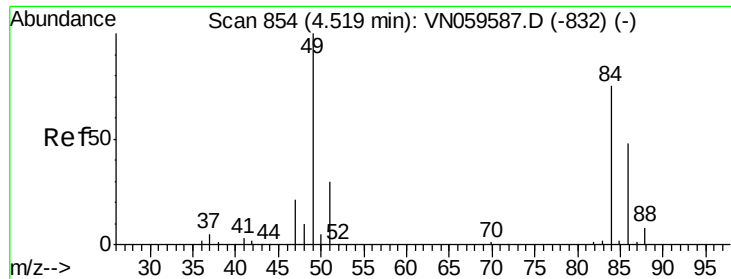
58 27.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

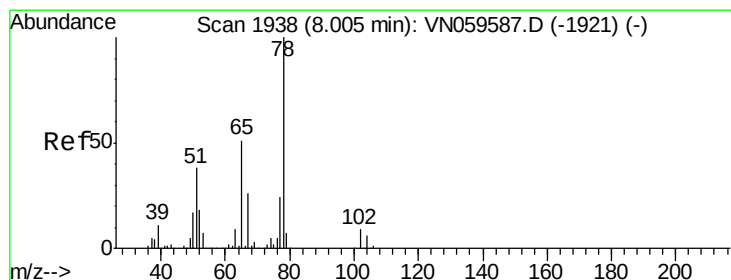
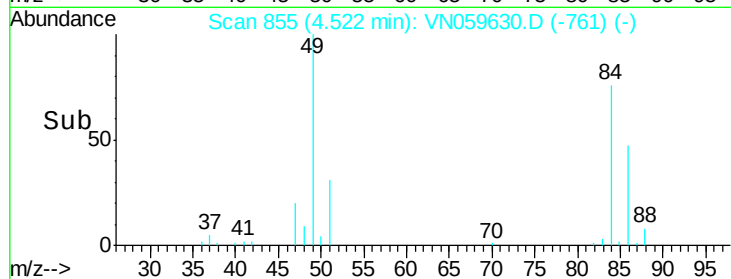
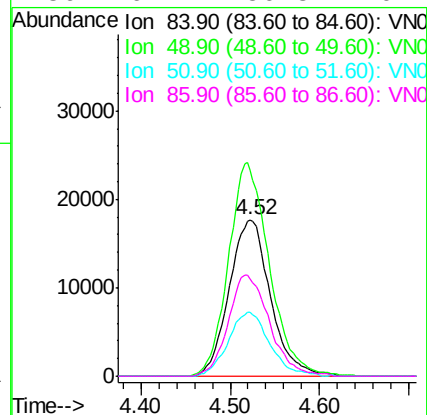
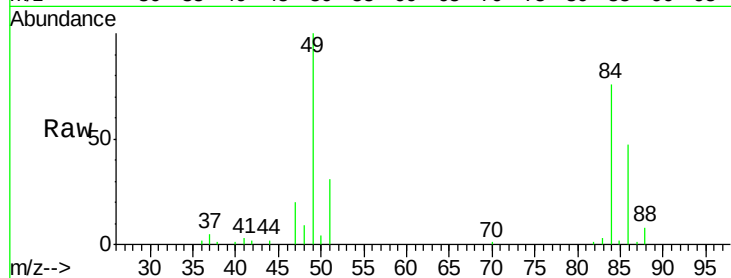




#20
Methylene Chloride
Concen: 19.585 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059630.D
Acq: 17 Dec 2019 17:20

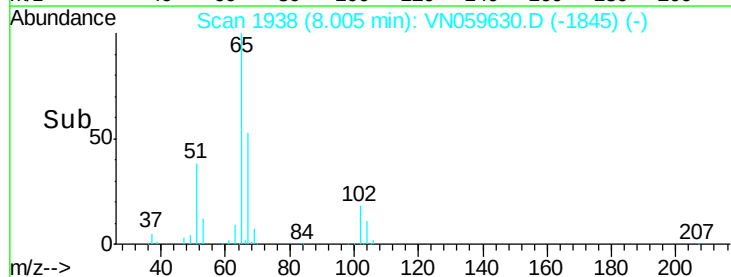
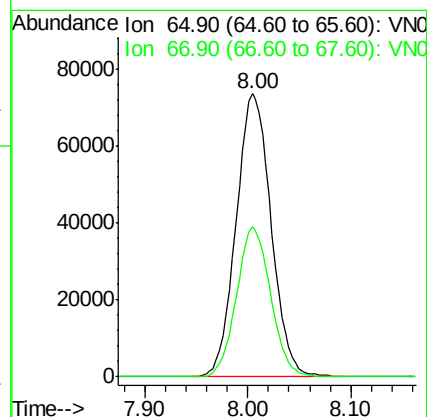
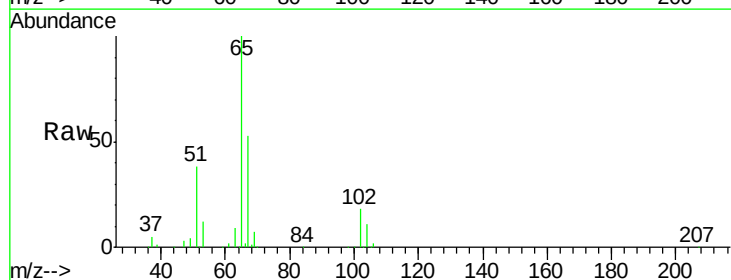
Instrument :
MSVOA_N
ClientSampled :
11978

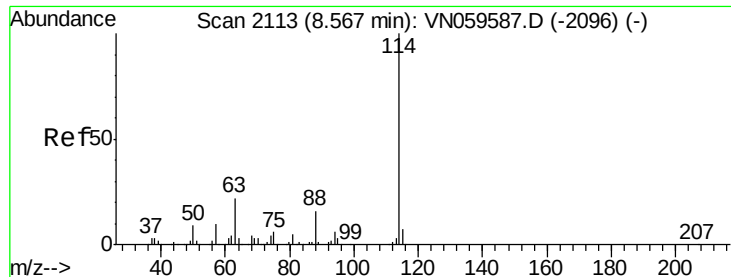
Tot Ion: 84 Resp: 56645
Ion Ratio Lower Upper
84 100
49 130.7 106.6 160.0
51 40.6 31.9 47.9
86 62.2 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 51.495 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059630.D
Acq: 17 Dec 2019 17:20

Tgt Ion: 65 Resp: 173701
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0

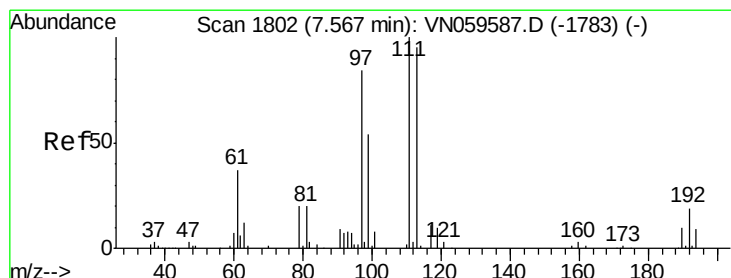
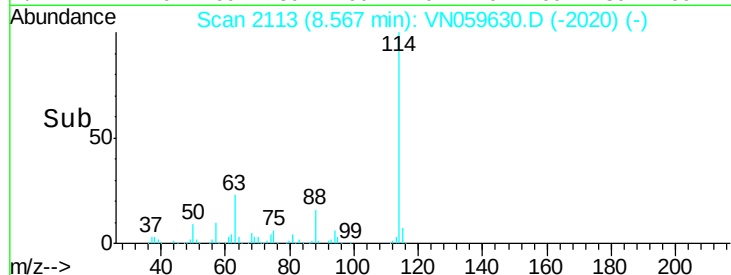
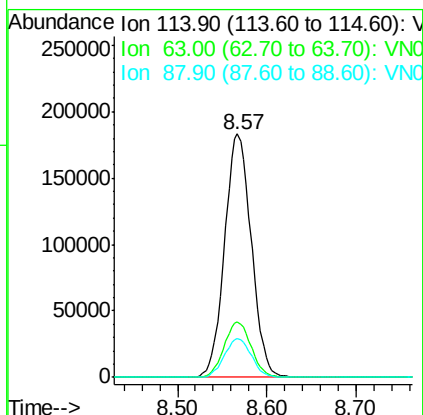
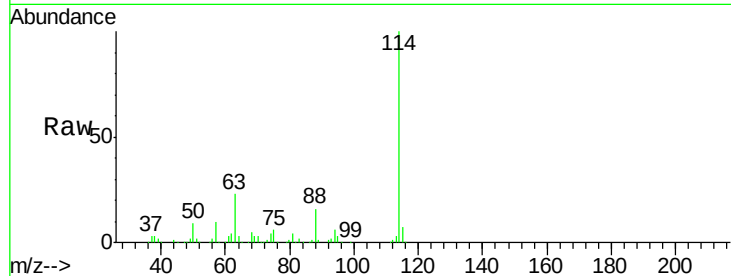




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059630.D
 Acq: 17 Dec 2019 17:20

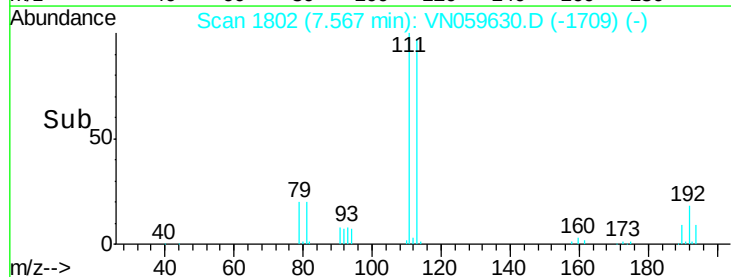
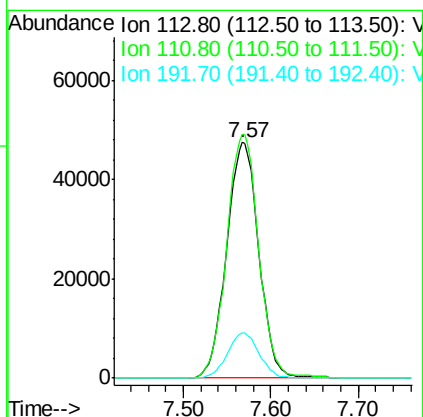
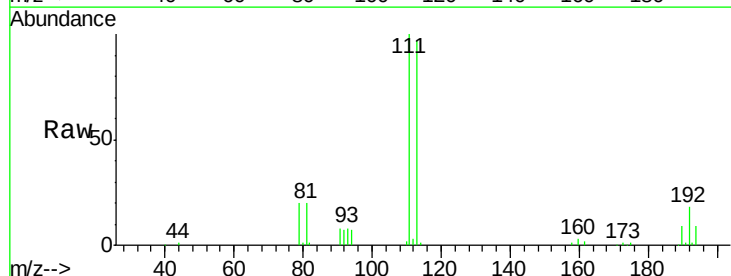
Instrument :
 MSVOA_N
 ClientSampleId :
 11978

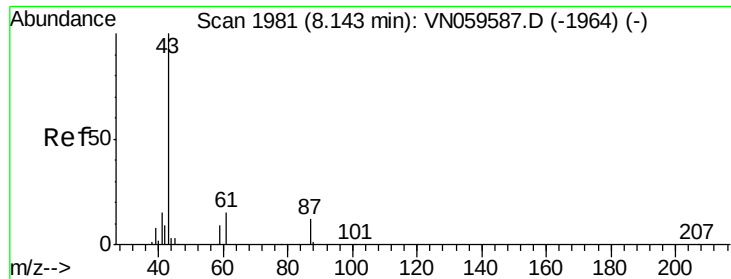
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.6
88	16.0	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 51.008 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059630.D
 Acq: 17 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.5	125.3
192	18.9	15.4	23.2





#43

Isopropyl Acetate

Concen: 9.603 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059630.D

Acq: 17 Dec 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

11978

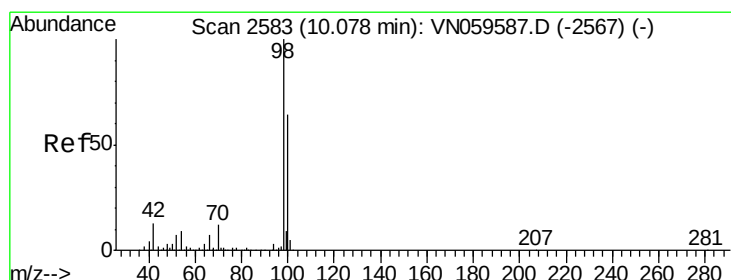
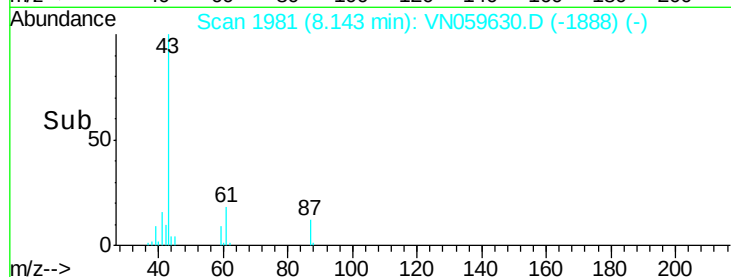
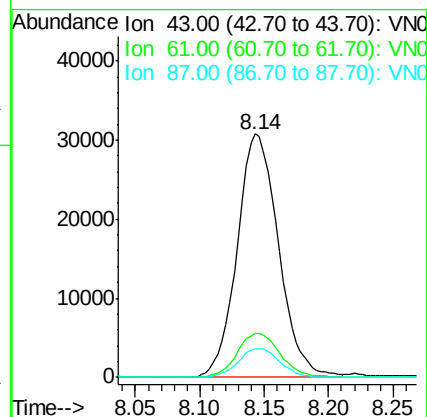
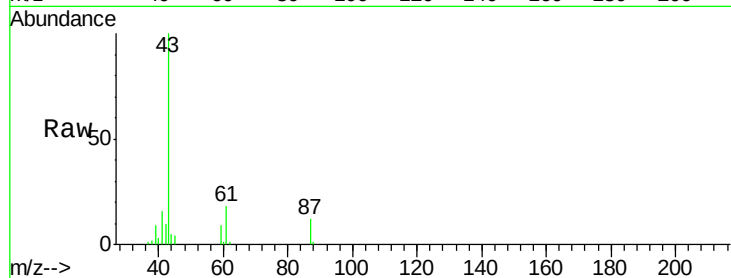
Tot Ion: 43 Resp: 68705

Ion Ratio Lower Upper

43 100

61 18.7 20.2 30.2#

87 11.8 9.5 14.3



#50

Toluene-d8

Concen: 51.108 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059630.D

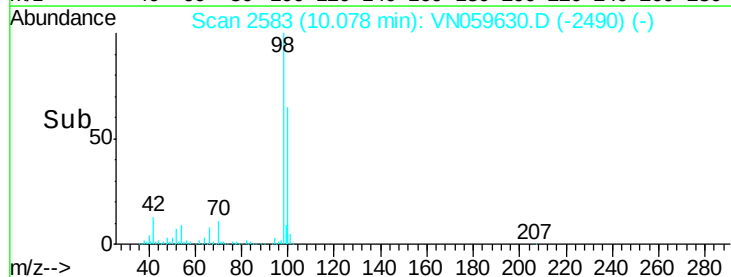
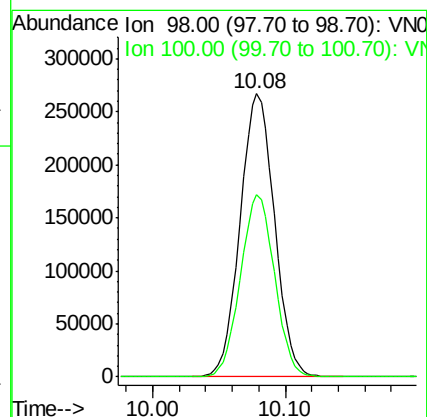
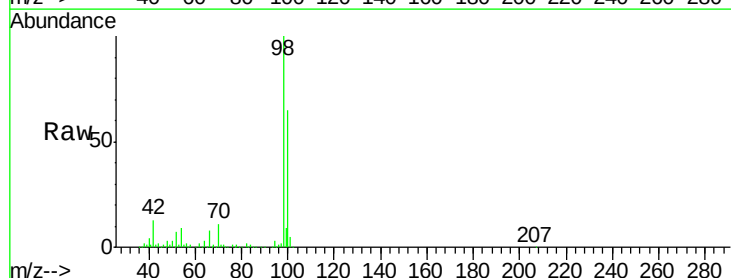
Acq: 17 Dec 2019 17:20

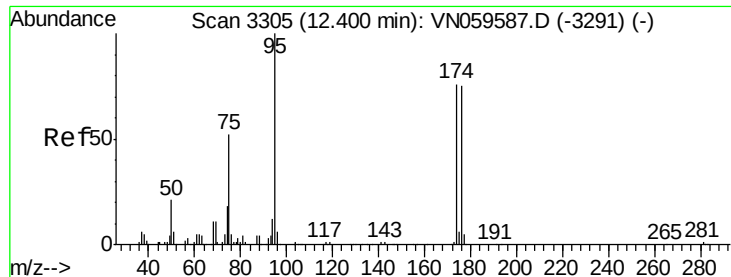
Tgt Ion: 98 Resp: 480655

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.625 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059630.D

Acq: 17 Dec 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

11978

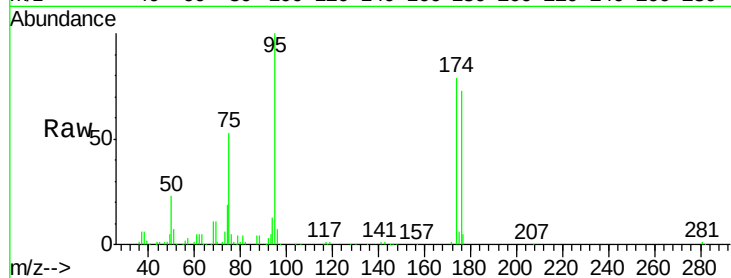
Tot Ion: 95 Resp: 153141

Ion Ratio Lower Upper

95 100

174 77.1 0.0 151.4

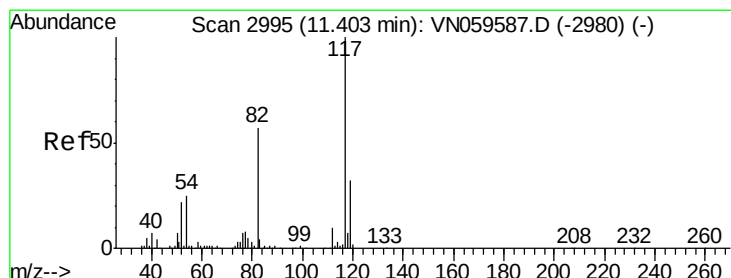
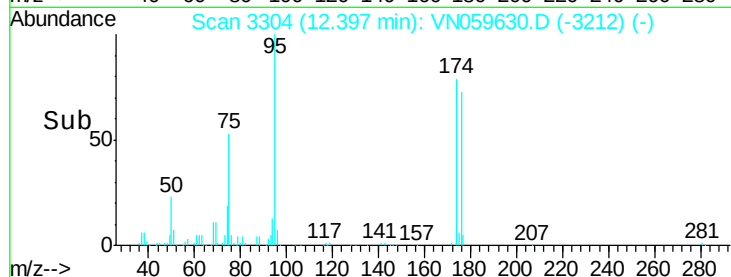
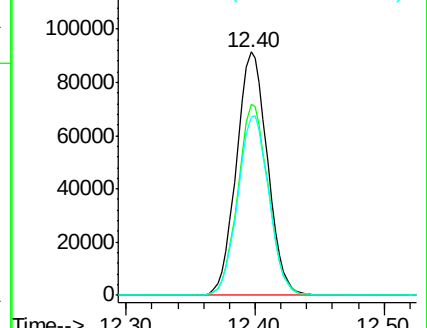
176 73.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059587.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059587.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059587.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059630.D

Acq: 17 Dec 2019 17:20

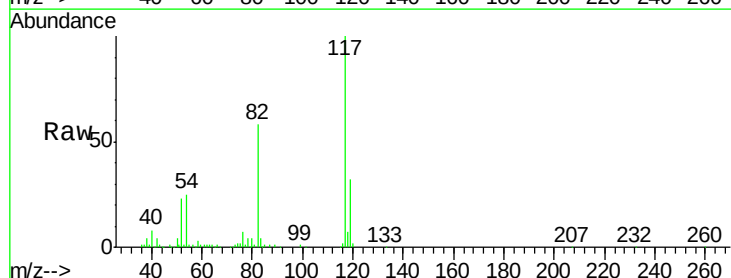
Tgt Ion: 117 Resp: 345541

Ion Ratio Lower Upper

117 100

82 58.1 45.9 68.9

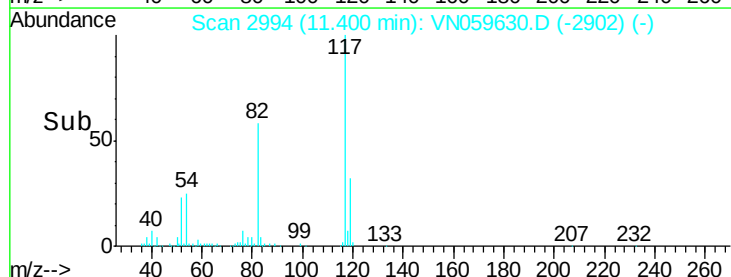
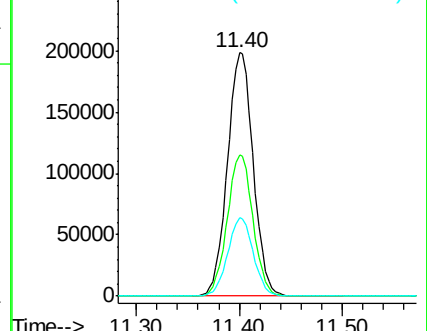
119 32.0 25.5 38.3

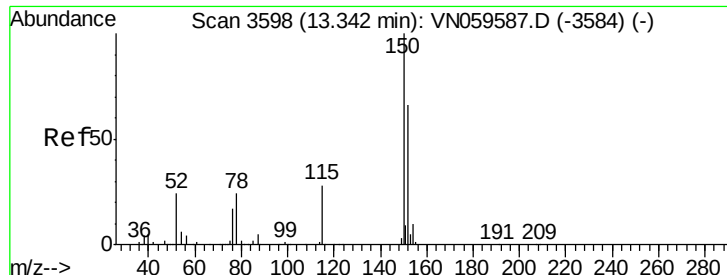


Abundance Ion 116.90 (116.60 to 117.60): VN059587.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059587.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059587.D (-2980) (-)



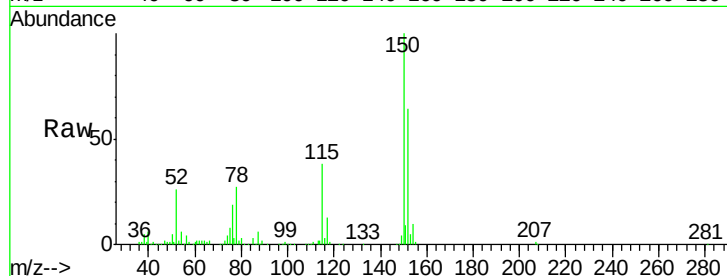


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN059630.D
Acq: 17 Dec 2019 17:20

Instrument :
MSVOA_N
ClientSampleId :
11978

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.3	90.9
150	158.6	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

