

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059633.D
 Acq On : 17 Dec 2019 18:26
 Operator : JC/SP
 Sample : K6330-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-224

Quant Time: Dec 18 06:20:52 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

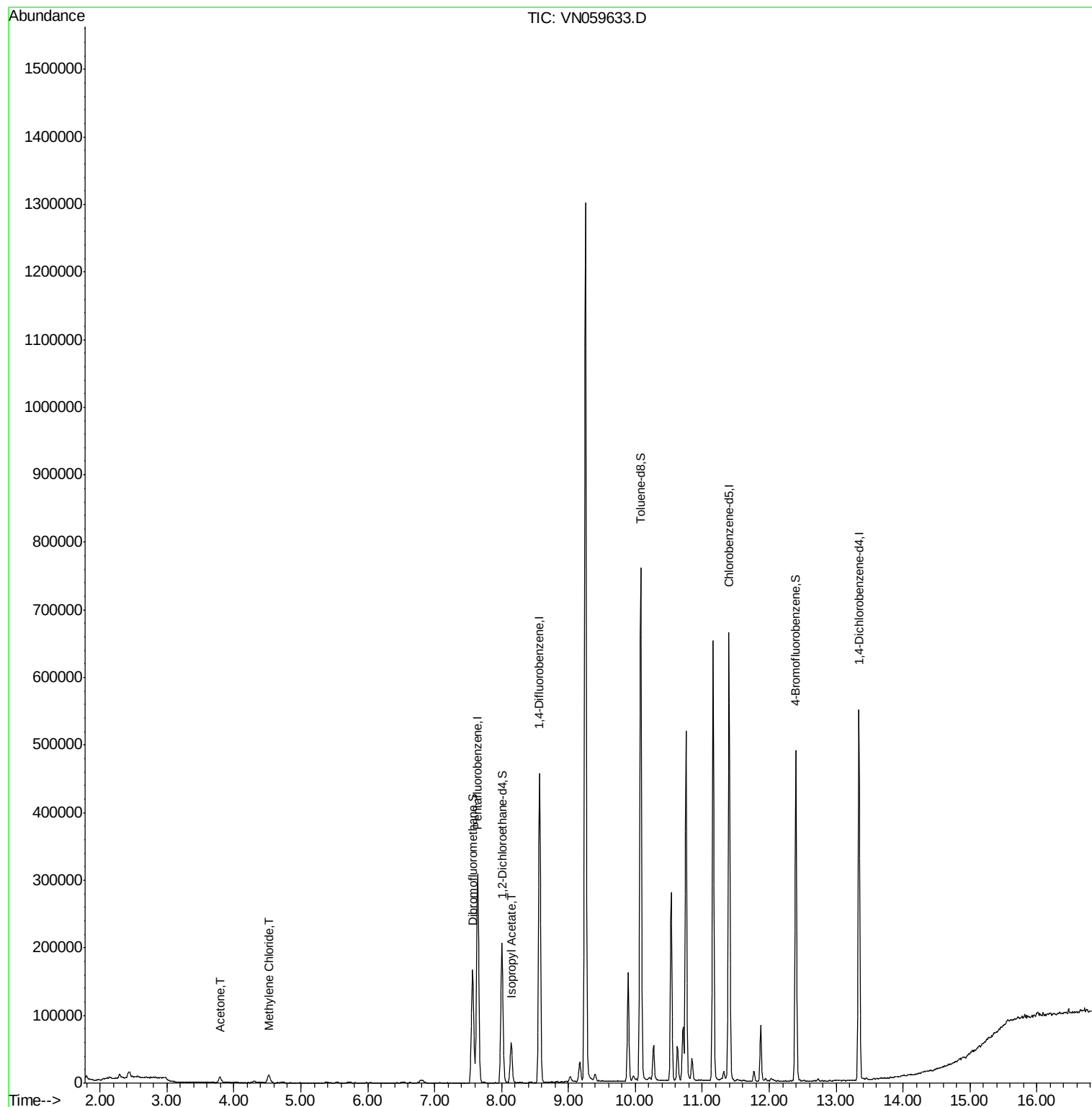
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	241878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	394222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	362988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	178535	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
35) Dibromofluoromethane	7.57	113	127063	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
50) Toluene-d8	10.08	98	499706	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.40	95	169289	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
Target Compounds						
16) Acetone	3.79	43	14752	7.060	ug/l	96
20) Methylene Chloride	4.52	84	8662	2.870	ug/l	96
43) Isopropyl Acetate	8.14	43	69198	9.315	ug/l #	91

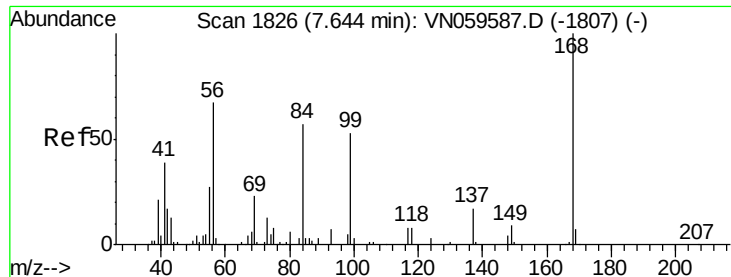
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121719\
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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: VN059633.D

Acq: 17 Dec 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

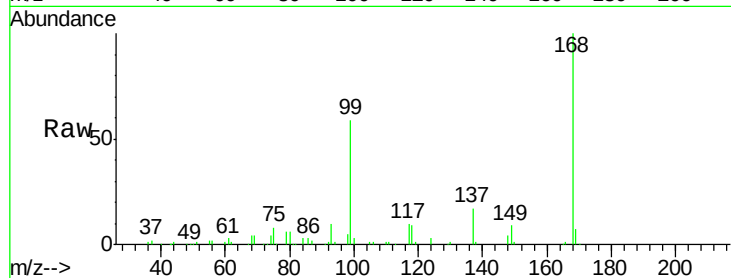
VNJ-224

Tot Ion:168 Resp: 241878

Ion Ratio Lower Upper

168 100

99 59.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059587.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059587.D (-1807) (-)

7.64

100000

80000

60000

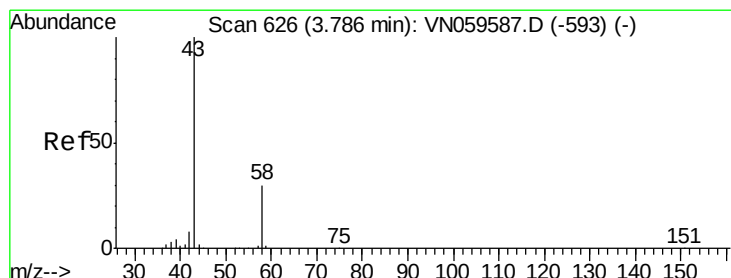
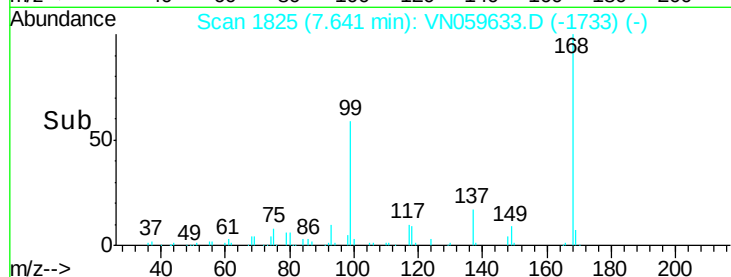
40000

20000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.060 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059633.D

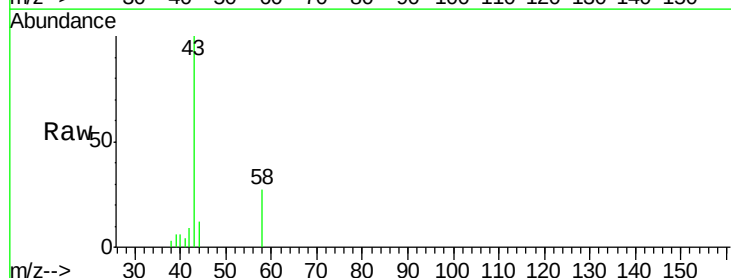
Acq: 17 Dec 2019 18:26

Tgt Ion: 43 Resp: 14752

Ion Ratio Lower Upper

43 100

58 27.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)

3.79

6000

5000

4000

3000

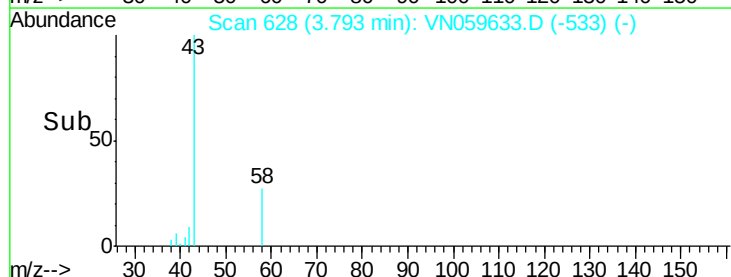
2000

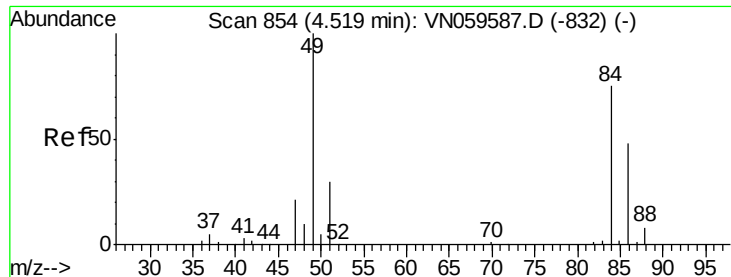
1000

0

3.70 3.80 3.90

Time-->

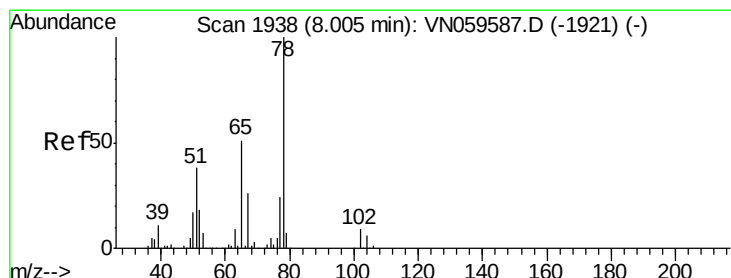
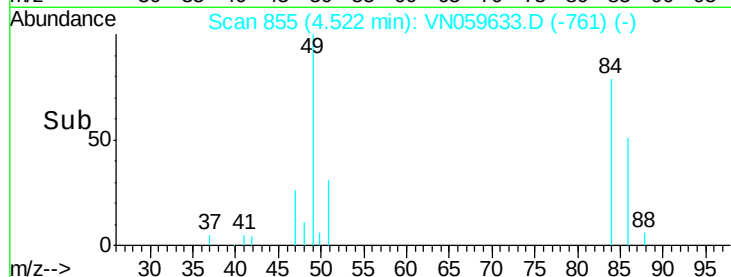
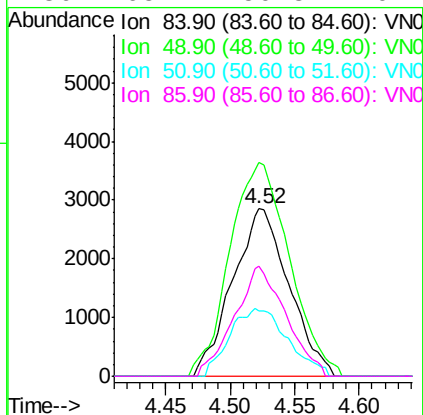
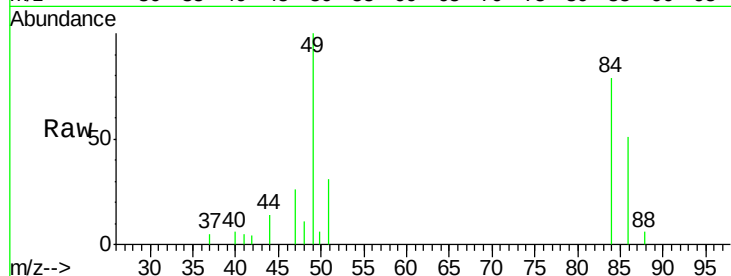




#20
Methylene Chloride
Concen: 2.870 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059633.D
Acq: 17 Dec 2019 18:26

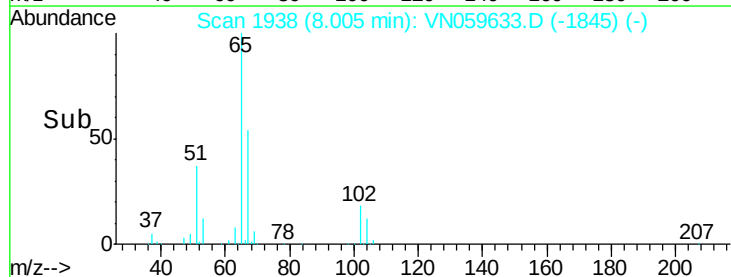
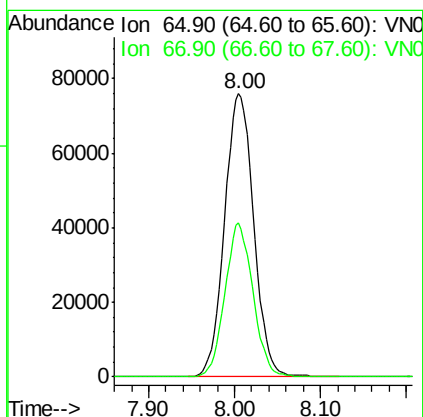
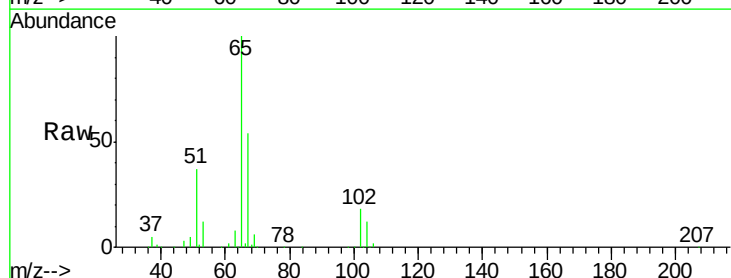
Instrument :
MSVOA_N
ClientSampled :
VNJ-224

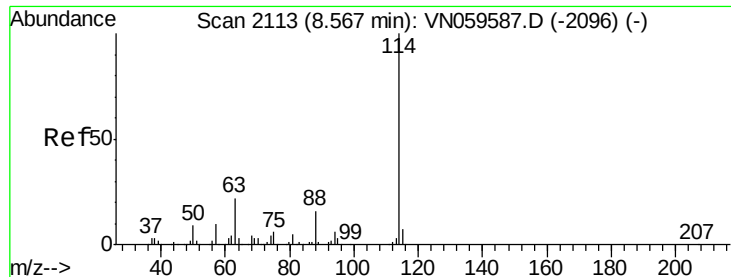
Tot Ion: 84 Resp: 8662
Ion Ratio Lower Upper
84 100
49 127.4 106.6 160.0
51 39.3 31.9 47.9
86 65.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 50.725 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059633.D
Acq: 17 Dec 2019 18:26

Tgt Ion: 65 Resp: 178535
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

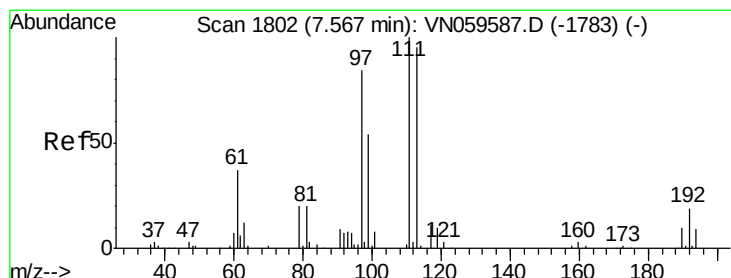
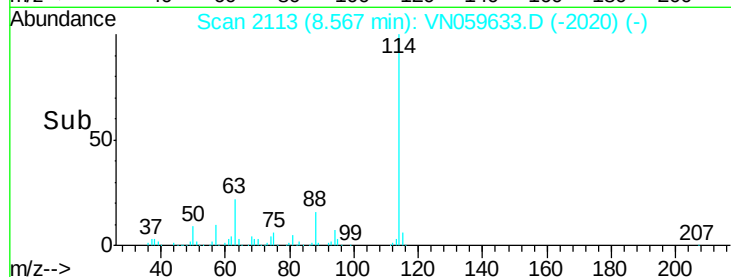
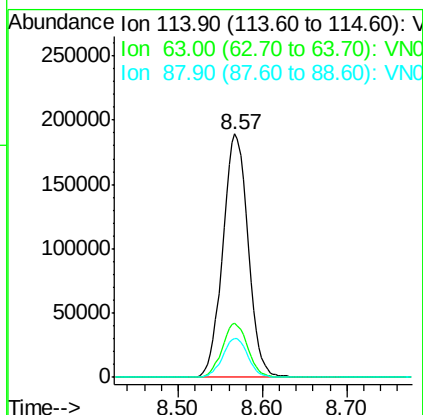
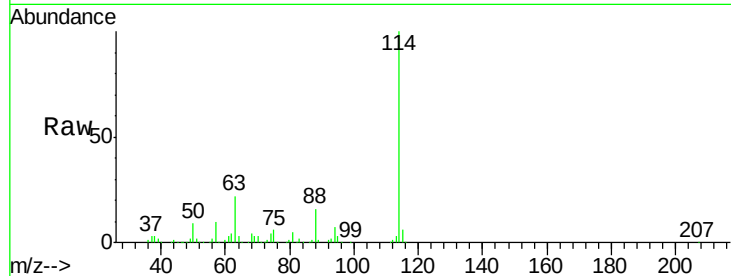




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059633.D
 Acq: 17 Dec 2019 18:26

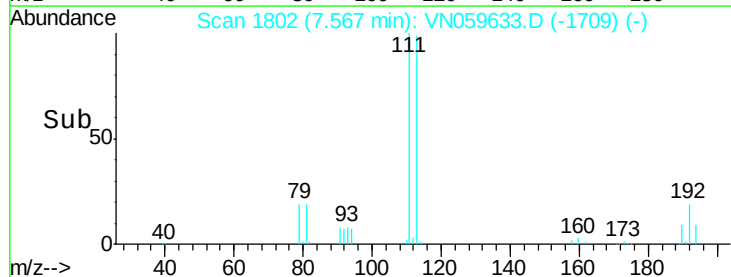
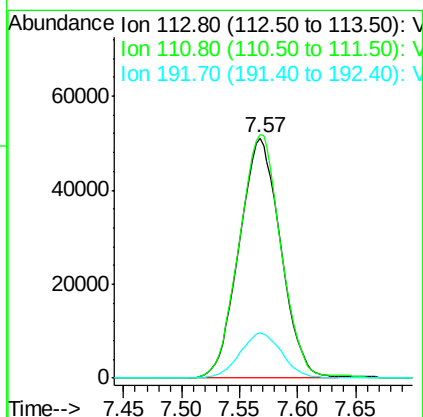
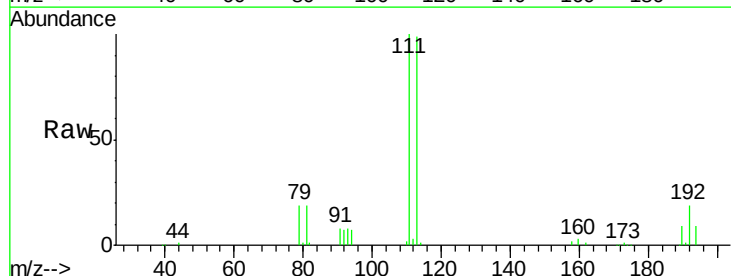
Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-224

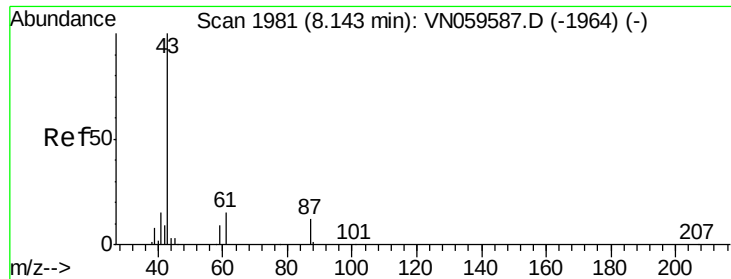
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.6
88	16.0	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 51.513 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059633.D
 Acq: 17 Dec 2019 18:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.5	125.3
192	19.0	15.4	23.2





#43

Isopropyl Acetate

Concen: 9.315 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059633.D

Acq: 17 Dec 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

VNJ-224

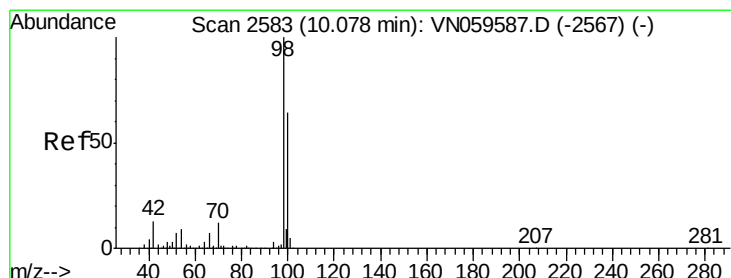
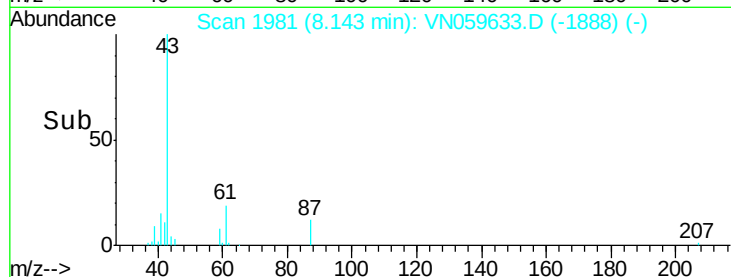
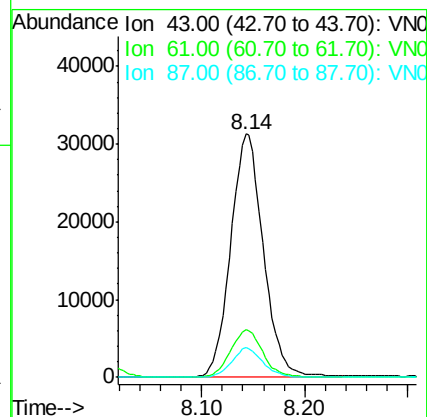
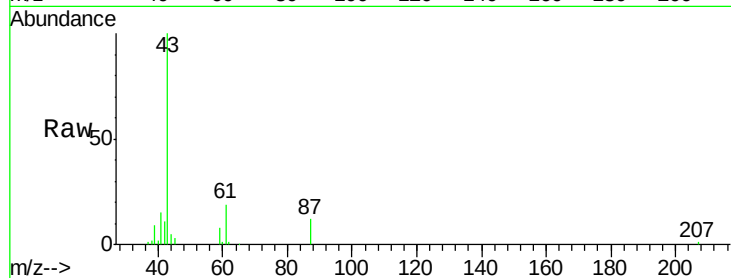
Tot Ion: 43 Resp: 69198

Ion Ratio Lower Upper

43 100

61 19.1 20.2 30.2#

87 11.4 9.5 14.3



#50

Toluene-d8

Concen: 51.170 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059633.D

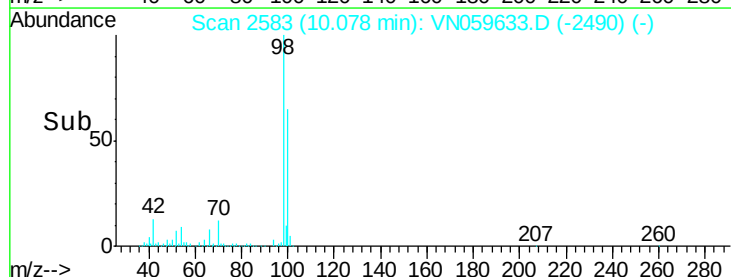
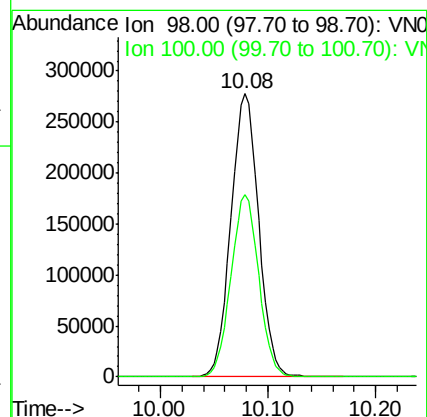
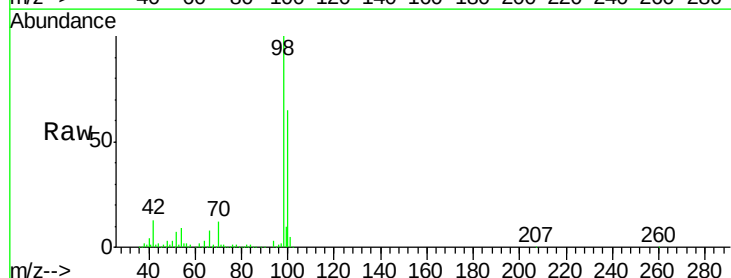
Acq: 17 Dec 2019 18:26

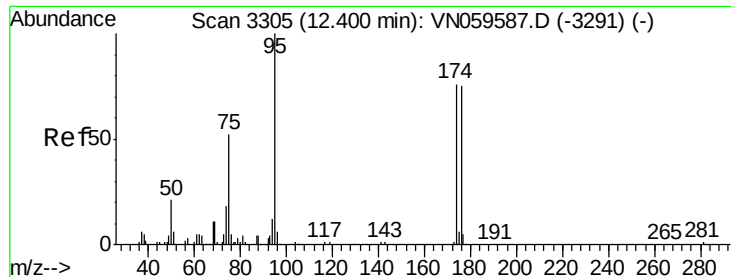
Tgt Ion: 98 Resp: 499706

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.508 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059633.D

Acq: 17 Dec 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

VNJ-224

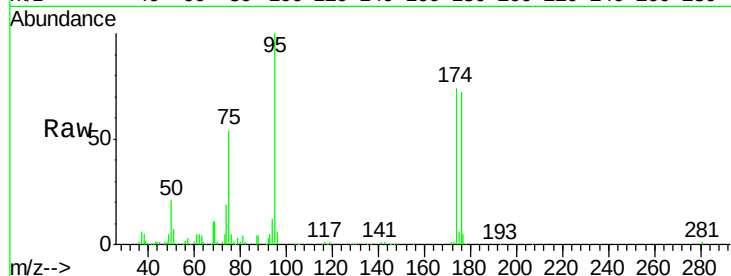
Tot Ion: 95 Resp: 169289

Ion Ratio Lower Upper

95 100

174 75.2 0.0 151.4

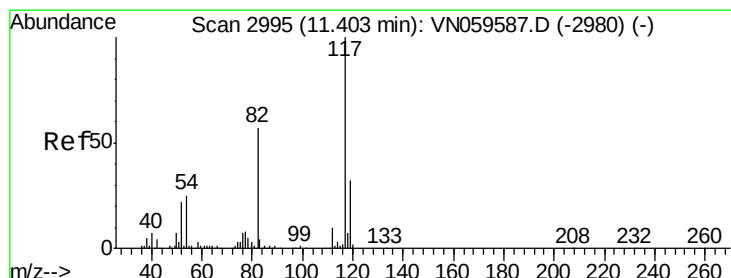
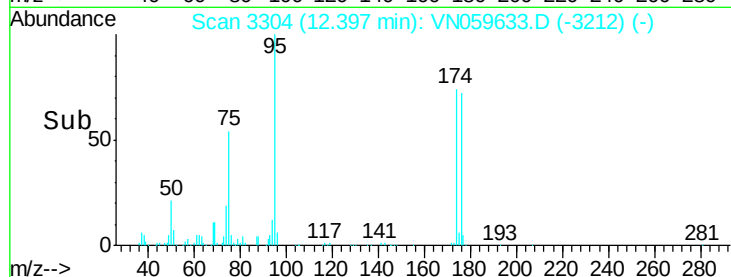
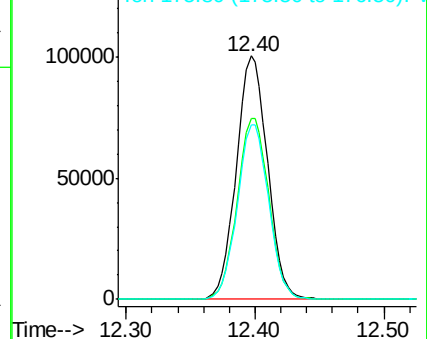
176 71.9 0.0 146.0



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: VN059633.D

Acq: 17 Dec 2019 18:26

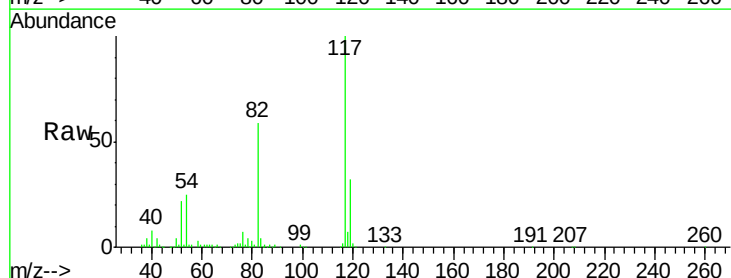
Tgt Ion: 117 Resp: 362988

Ion Ratio Lower Upper

117 100

82 58.9 45.9 68.9

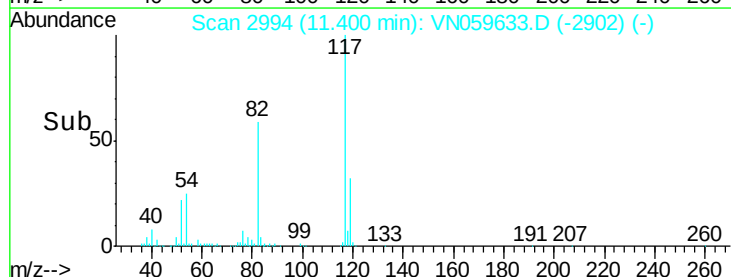
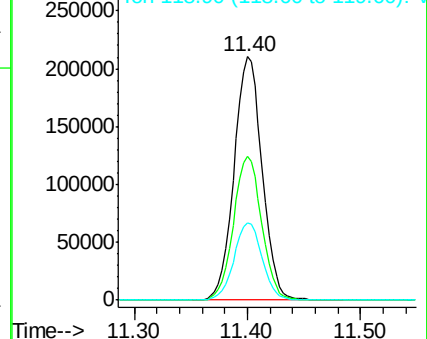
119 31.6 25.5 38.3

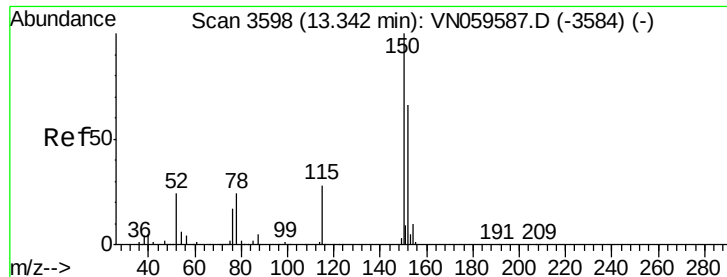


Abundance Ion 116.90 (116.60 to 117.60): VN059587.D (-2980) (-)

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# 3598

Delta R.T. -0.00 min

Lab File: VN059633.D

Acq: 17 Dec 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

VNJ-224

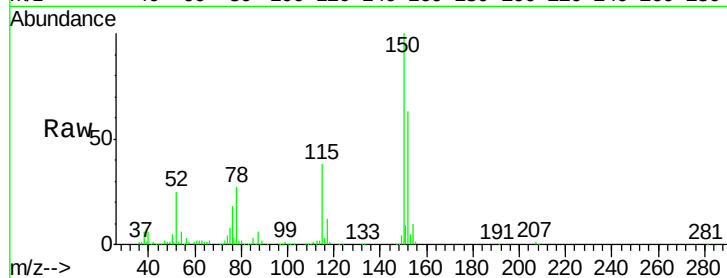
Tot Ion:152 Resp: 142803

Ion Ratio Lower Upper

152 100

115 61.9 30.3 90.9

150 159.5 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

