

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059253.D
 Acq On : 15 Nov 2019 10:34
 Operator : JC/SP
 Sample : K5670-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-111219

Quant Time: Nov 15 15:17:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

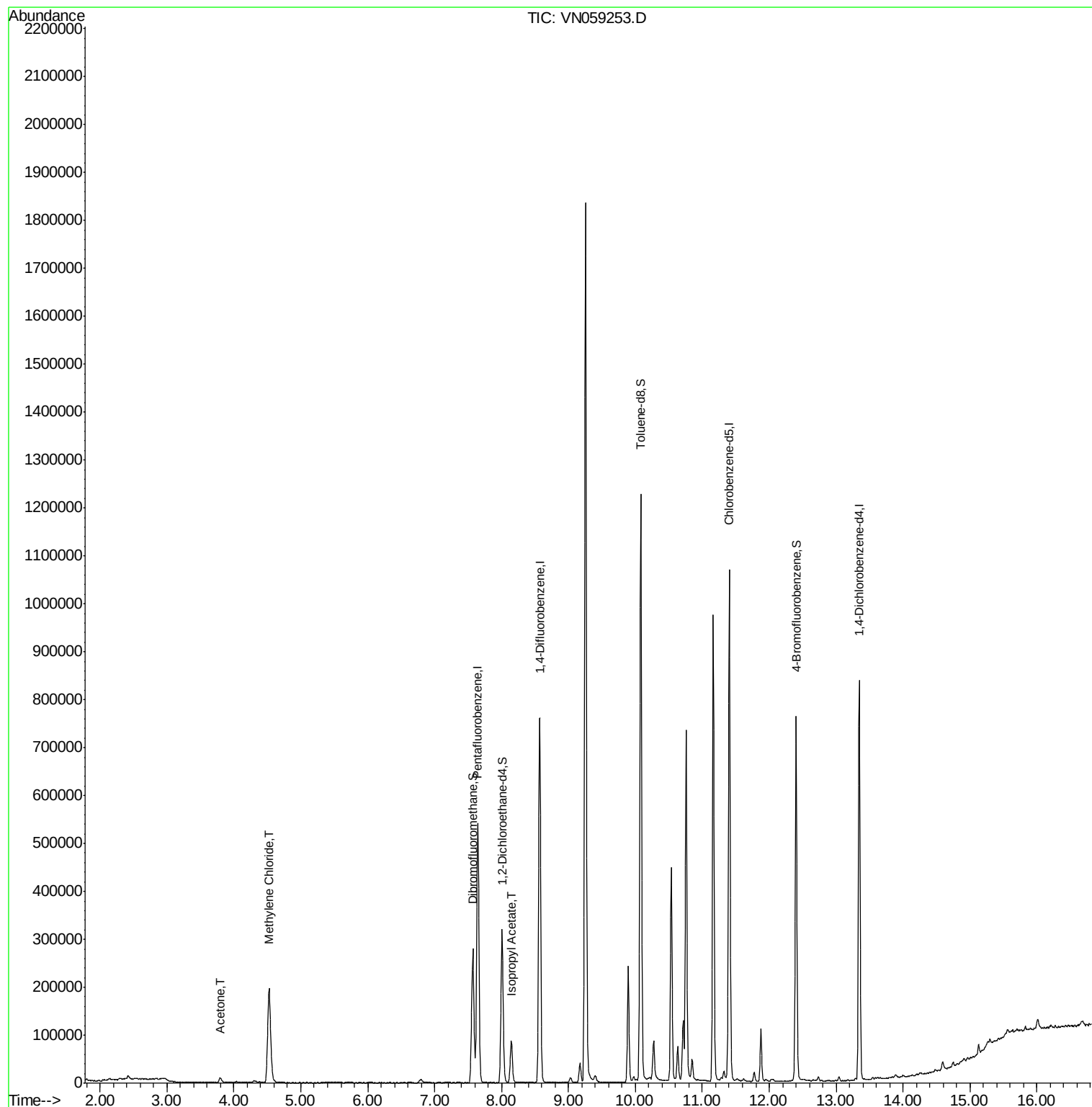
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	449174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	700328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	628197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	234047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	272208	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	7.57	113	214363	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
50) Toluene-d8	10.08	98	854960	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.40	95	275282	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds						
16) Acetone	3.79	43	15545	5.414	ug/l	98
20) Methylene Chloride	4.53	84	153840	30.754	ug/l	99
43) Isopropyl Acetate	8.15	43	101821	8.770	ug/l #	92

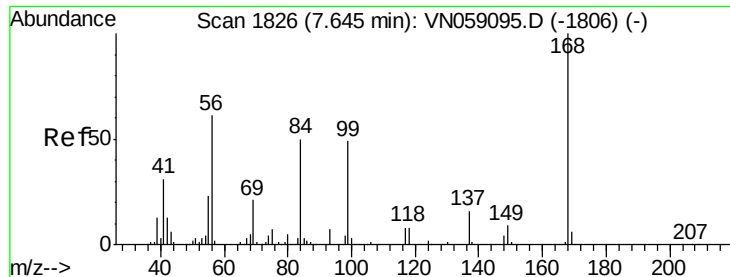
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111519\
Data File : VN059253.D
Acq On : 15 Nov 2019 10:34
Operator : JC/SP
Sample : K5670-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

Quant Time: Nov 15 15:17:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059253.D

Acq: 15 Nov 2019 10:34

Instrument :

MSVOA_N

ClientSampleId :

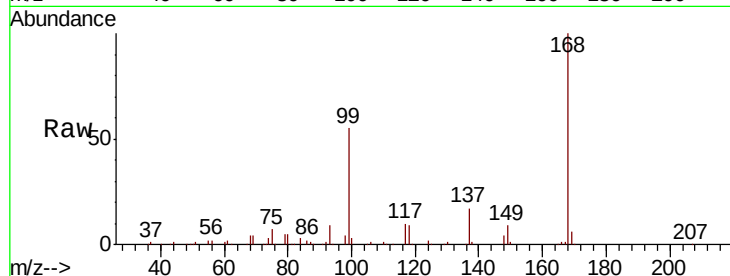
OK-03-111219

Tot Ion:168 Resp: 449174

Ion Ratio Lower Upper

168 100

99 55.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

150000

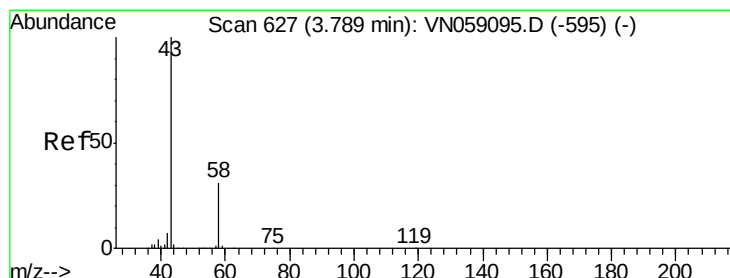
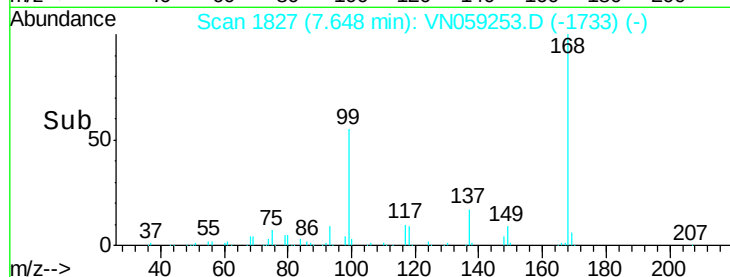
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.414 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059253.D

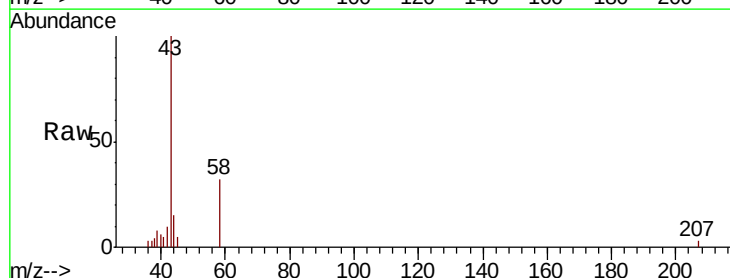
Acq: 15 Nov 2019 10:34

Tgt Ion: 43 Resp: 15545

Ion Ratio Lower Upper

43 100

58 32.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

6000

5000

4000

3000

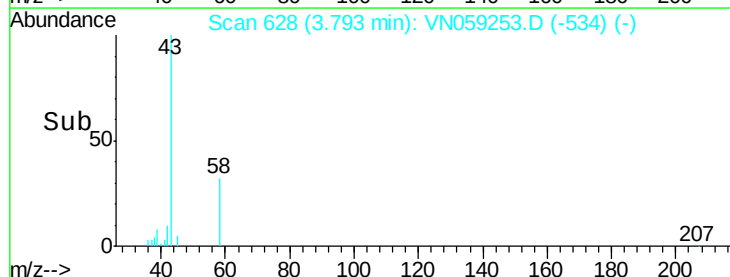
2000

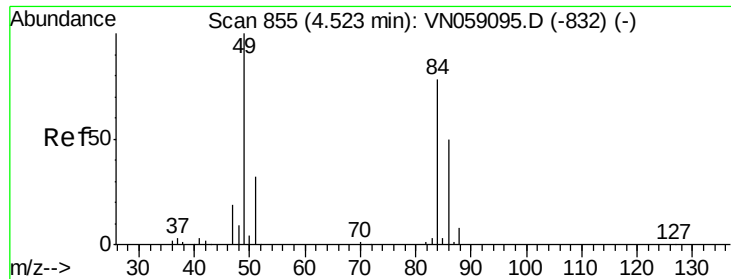
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

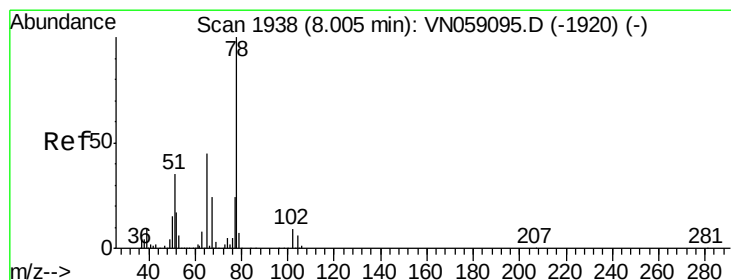
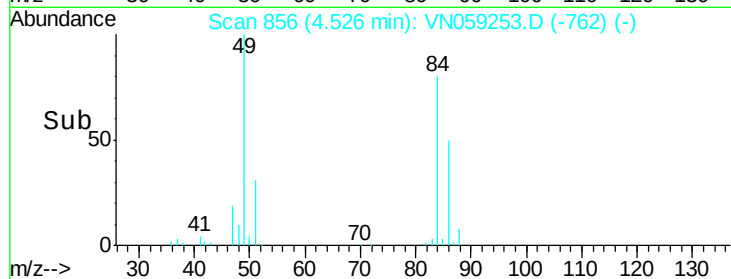
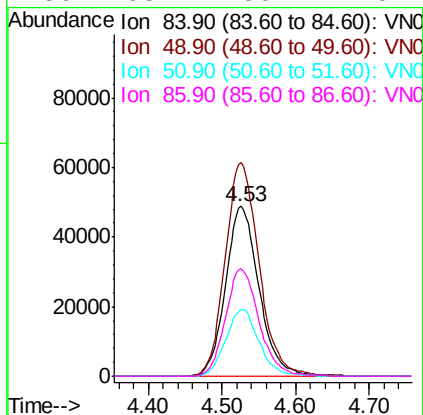
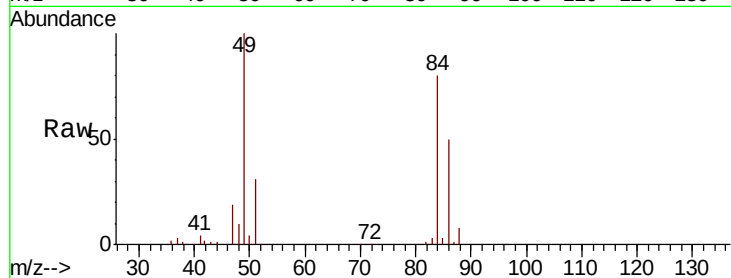




#20
Methylene Chloride
Concen: 30.754 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

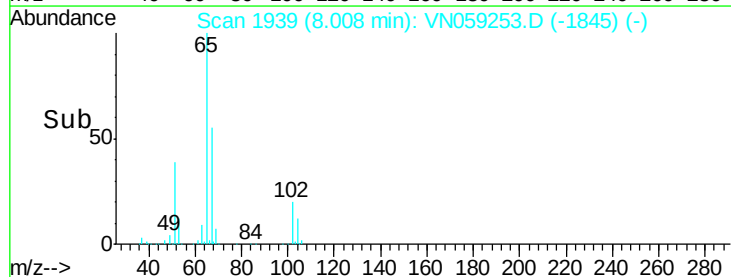
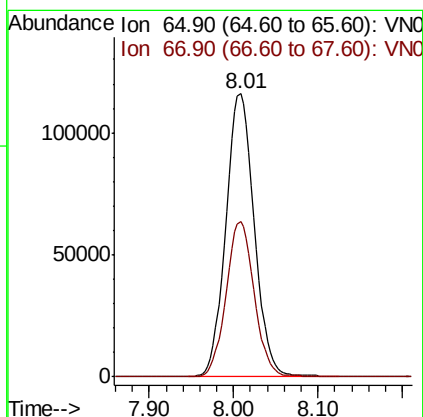
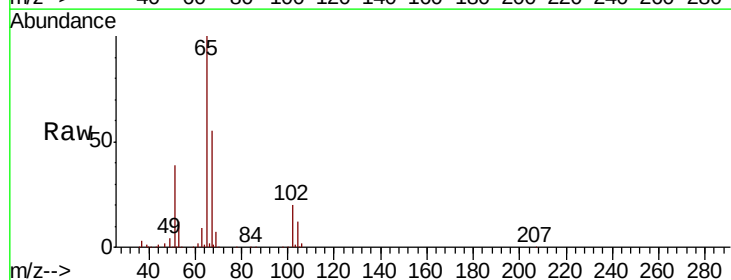
Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

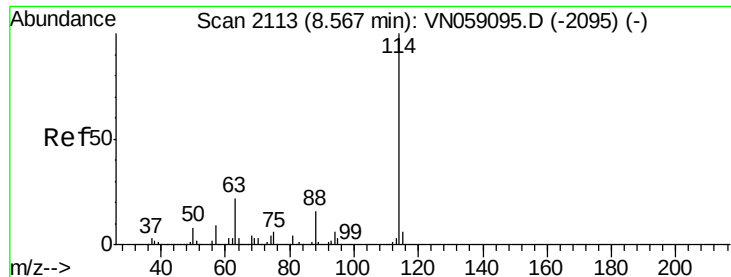
Tot Ion: 84 Resp: 153840
Ion Ratio Lower Upper
84 100
49 125.6 102.0 153.0
51 39.2 32.2 48.2
86 63.2 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 49.300 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 65 Resp: 272208
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.4

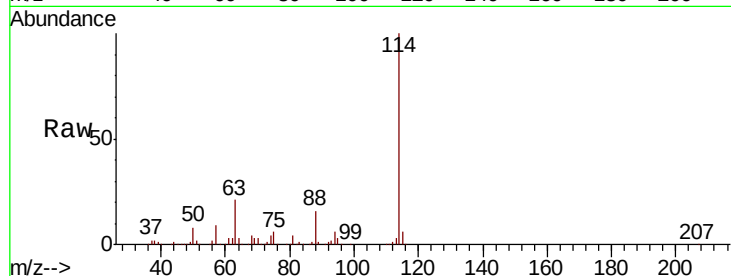




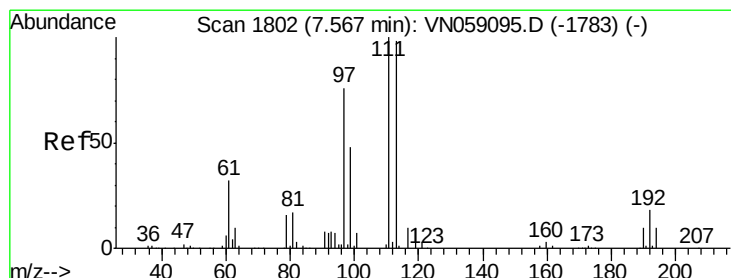
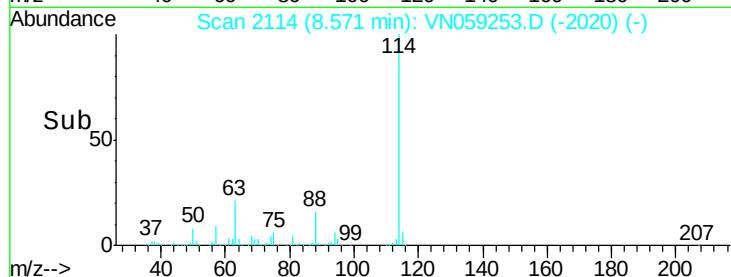
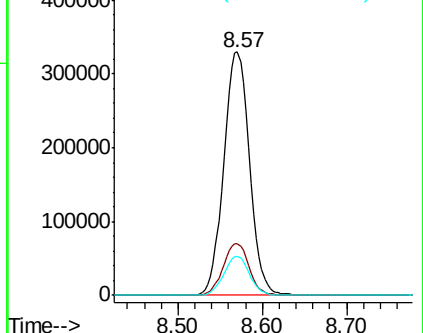
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059253.D
 Acq: 15 Nov 2019 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-111219

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.4
88	16.1	0.0	32.2

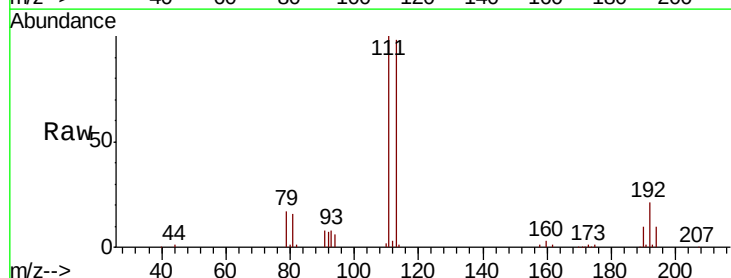


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

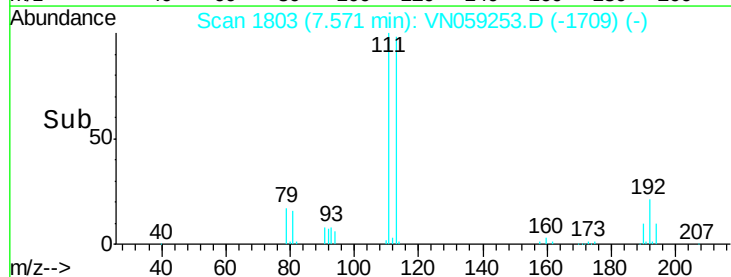
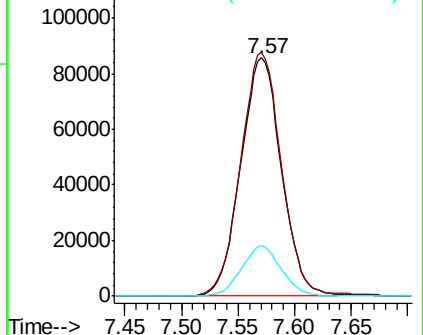


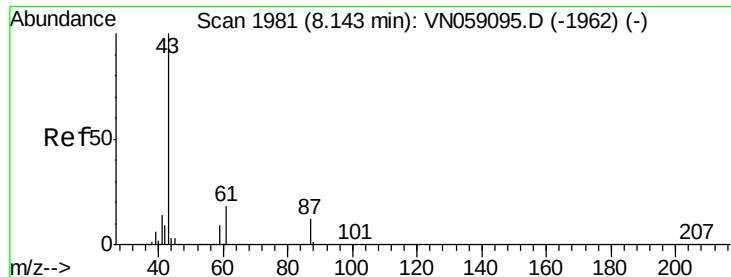
#35
 Dibromofluoromethane
 Concen: 51.263 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059253.D
 Acq: 15 Nov 2019 10:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.8	124.2
192	20.6	16.1	24.1



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





#43

Isopropyl Acetate

Concen: 8.770 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059253.D

Acq: 15 Nov 2019 10:34

Instrument :

MSVOA_N

ClientSampleId :

OK-03-111219

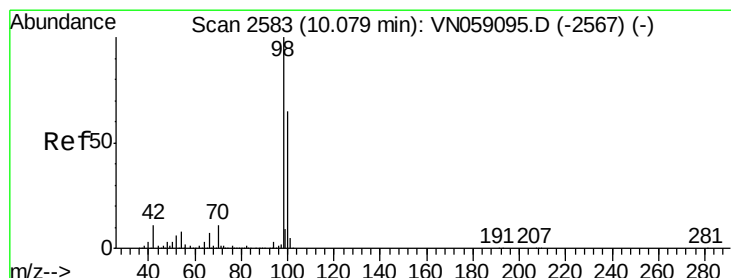
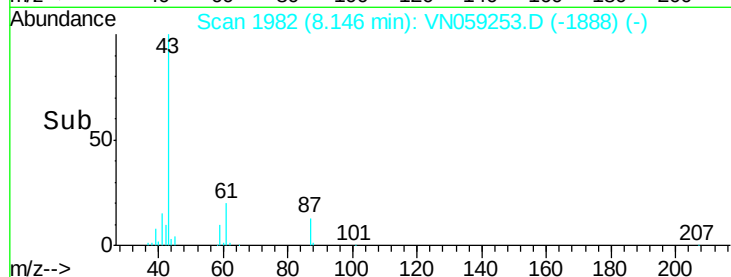
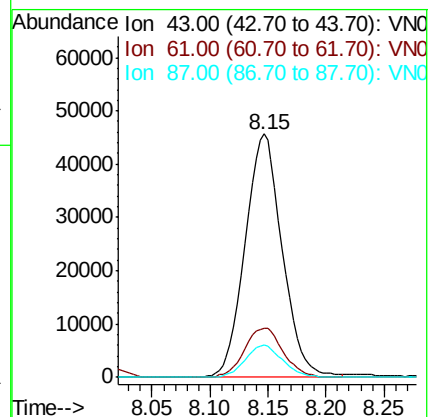
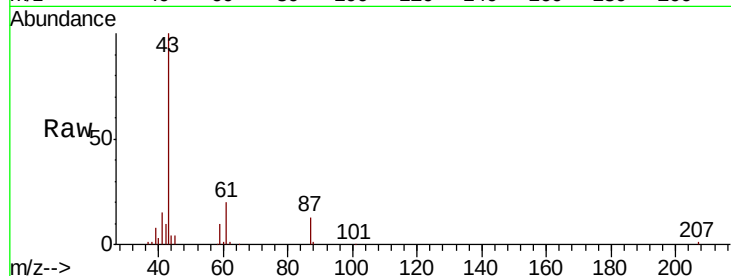
Tot Ion: 43 Resp: 101821

Ion Ratio Lower Upper

43 100

61 20.9 21.0 31.6#

87 13.1 9.8 14.6



#50

Toluene-d8

Concen: 51.907 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059253.D

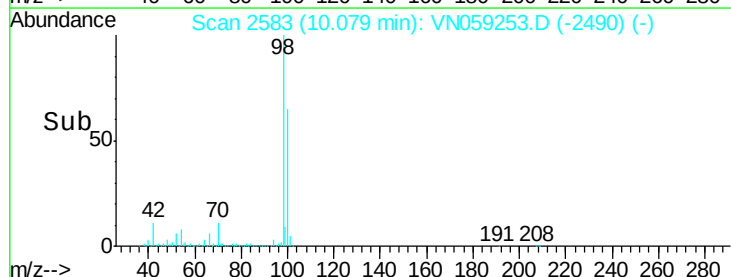
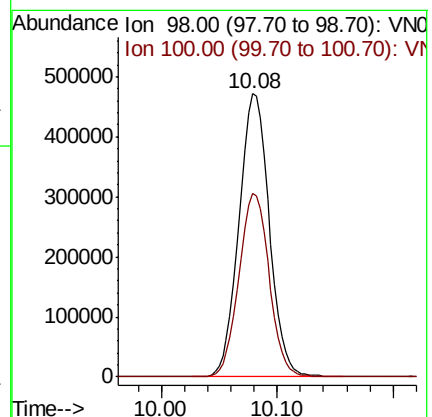
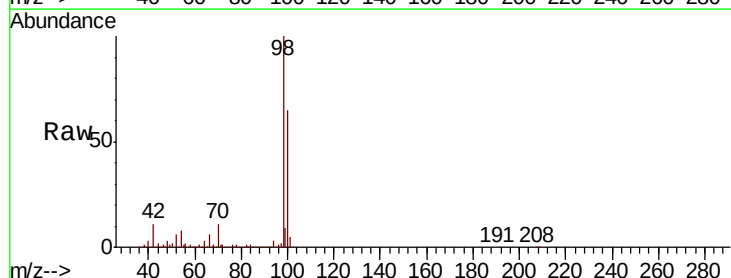
Acq: 15 Nov 2019 10:34

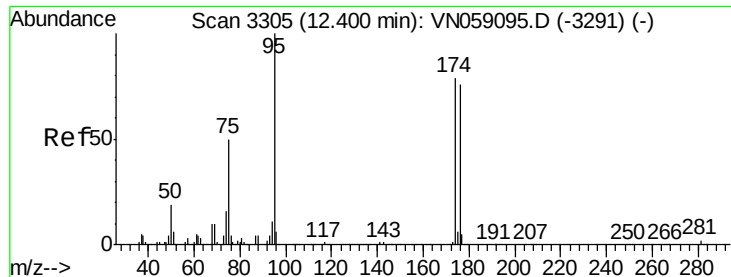
Tgt Ion: 98 Resp: 854960

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 46.353 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059253.D

Acq: 15 Nov 2019 10:34

Instrument :

MSVOA_N

ClientSampleId :

OK-03-111219

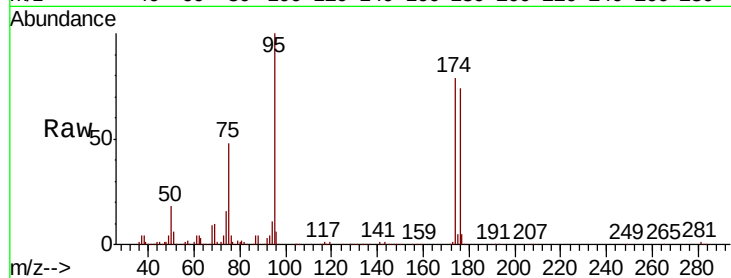
Tot Ion: 95 Resp: 275282

Ion Ratio Lower Upper

95 100

174 79.7 0.0 158.2

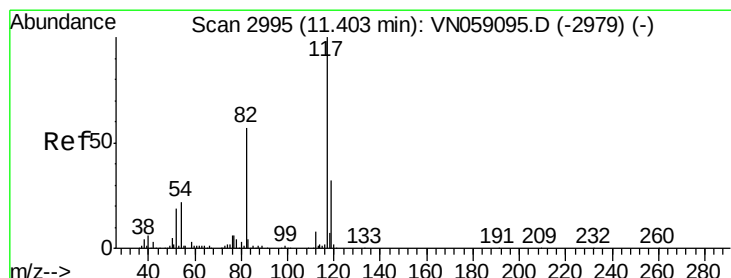
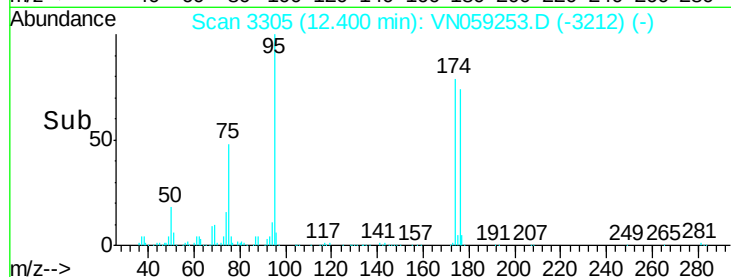
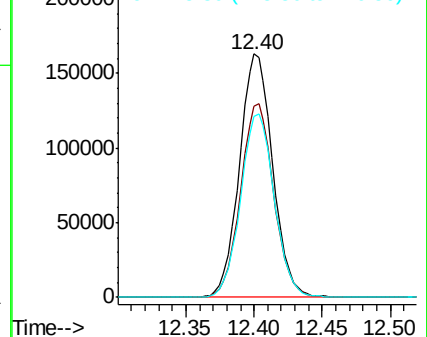
176 76.4 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059253.D

Acq: 15 Nov 2019 10:34

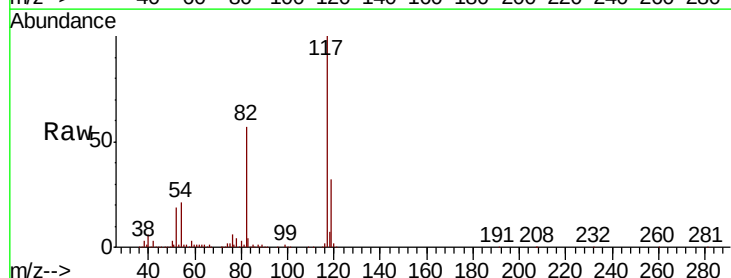
Tgt Ion: 117 Resp: 628197

Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.8

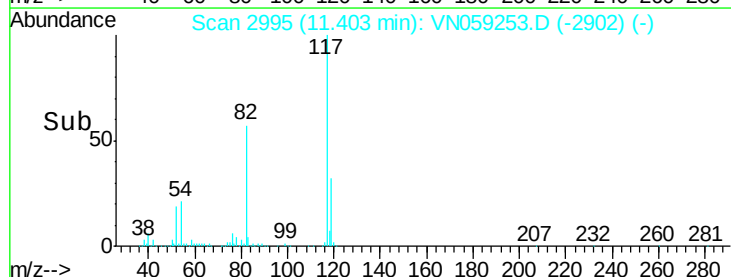
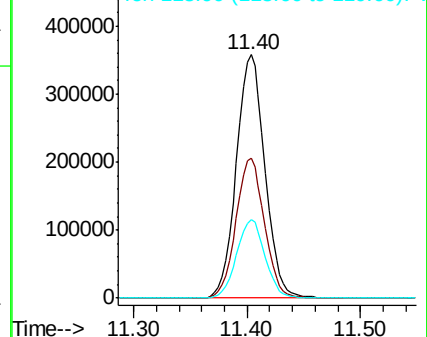
119 32.2 25.8 38.6

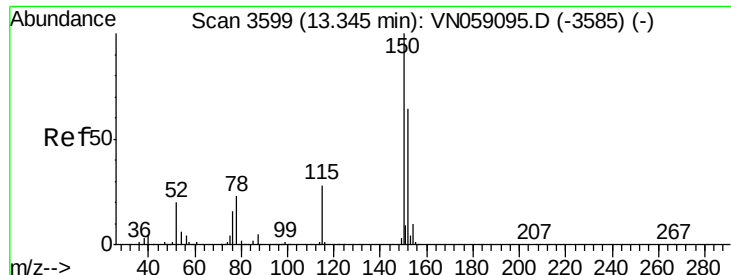


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059253.D

Acq: 15 Nov 2019 10:34

Instrument :

MSVOA_N

ClientSampleId :

OK-03-111219

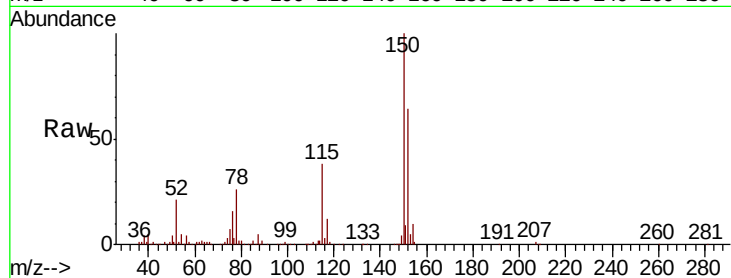
Tot Ion:152 Resp: 234047

Ion Ratio Lower Upper

152 100

115 59.2 29.4 88.2

150 156.1 0.0 345.8



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

