

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
 Data File : VN059105.D
 Acq On : 6 Nov 2019 14:18
 Operator : JC/SP
 Sample : K5675-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-110519

Quant Time: Nov 07 04:38:22 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

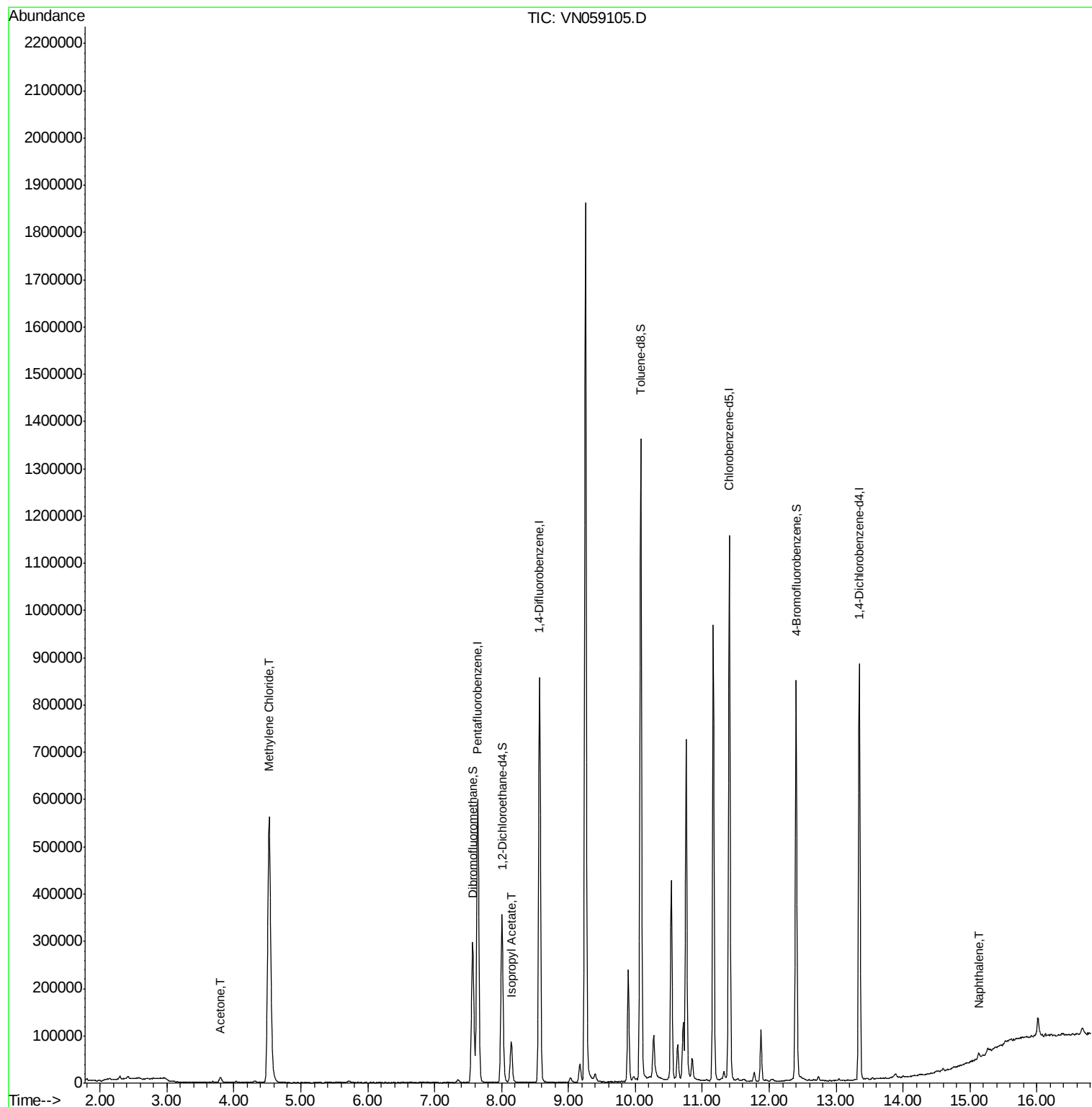
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	492148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	763947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	674102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	303808	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	7.57	113	234176	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	10.08	98	948975	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	303690	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
Target Compounds						
16) Acetone	3.80	43	18856	5.994	ug/l	97
20) Methylene Chloride	4.53	84	445145	81.219	ug/l	99
43) Isopropyl Acetate	8.14	43	105031	8.293	ug/l #	92
95) Naphthalene	15.13	128	6805	3.536	ug/l	98

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

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QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059105.D

Acq: 6 Nov 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

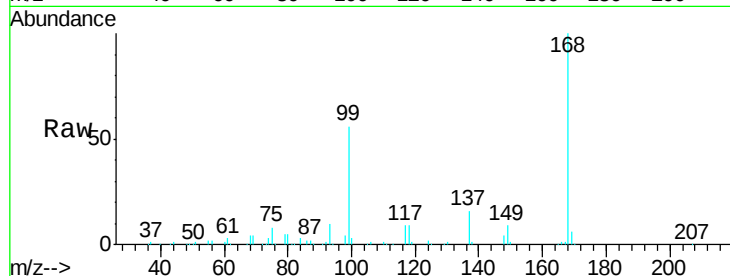
TR-05-110519

Tgt Ion:168 Resp: 492148

Ion Ratio Lower Upper

168 100

99 55.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

200000

150000

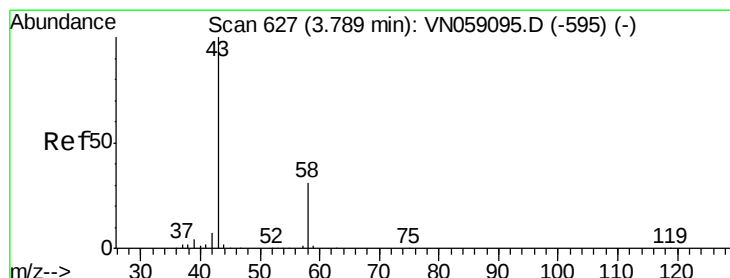
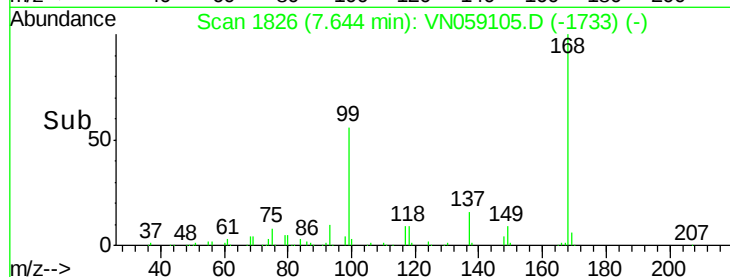
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.994 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059105.D

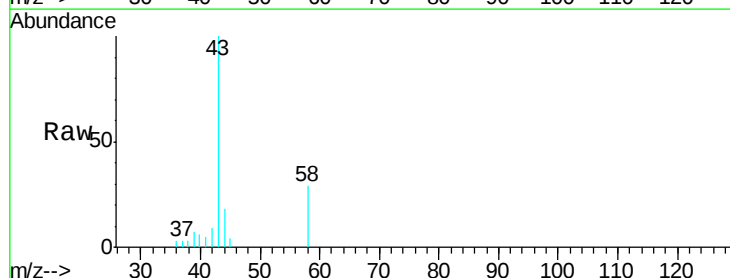
Acq: 6 Nov 2019 14:18

Tgt Ion: 43 Resp: 18856

Ion Ratio Lower Upper

43 100

58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

6000

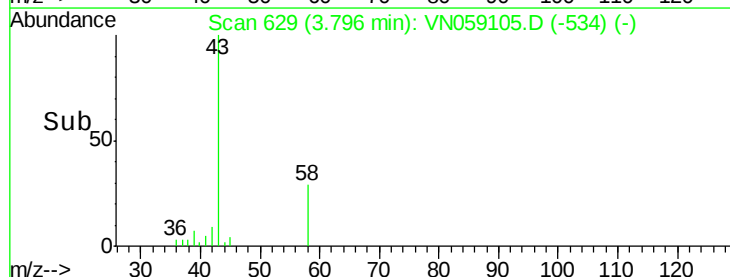
4000

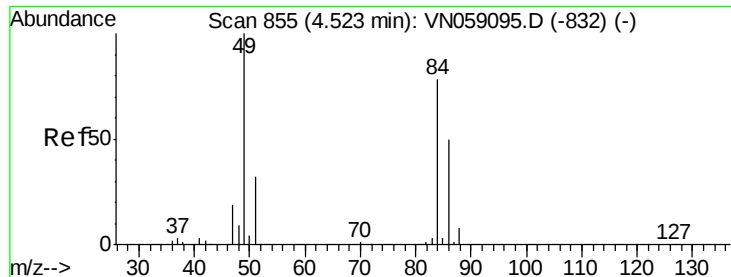
2000

0

3.70 3.80 3.90

Time-->

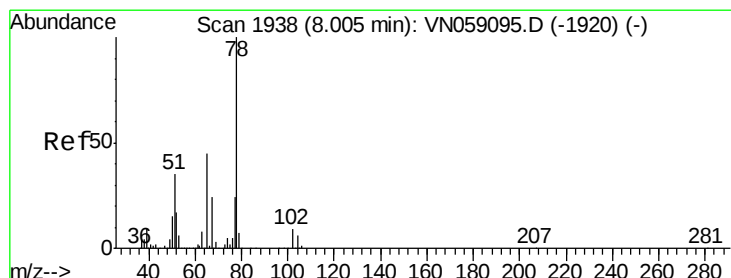
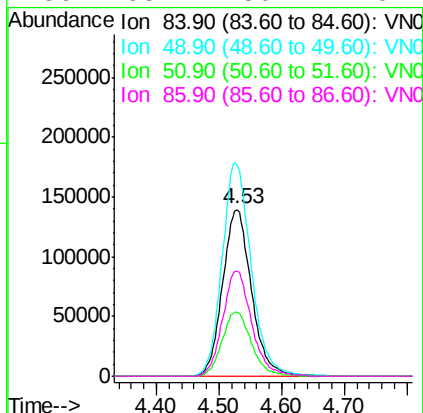
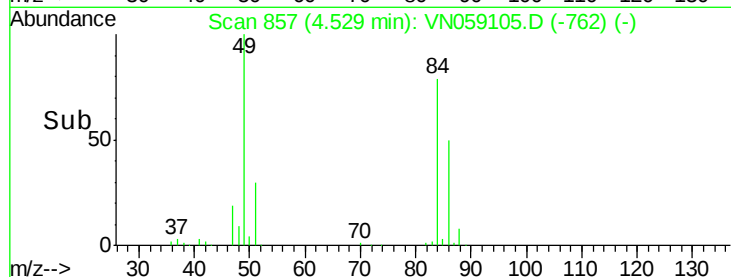
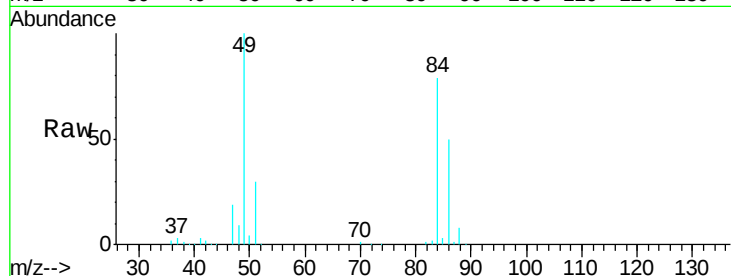




#20
Methylene Chloride
Concen: 81.219 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059105.D
Acq: 6 Nov 2019 14:18

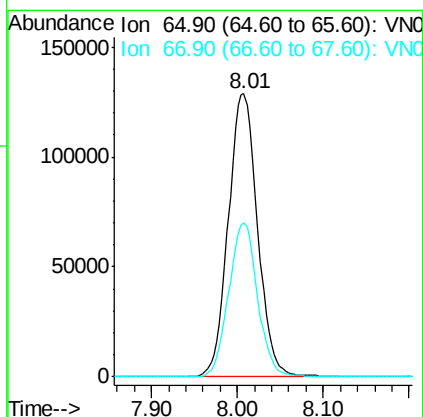
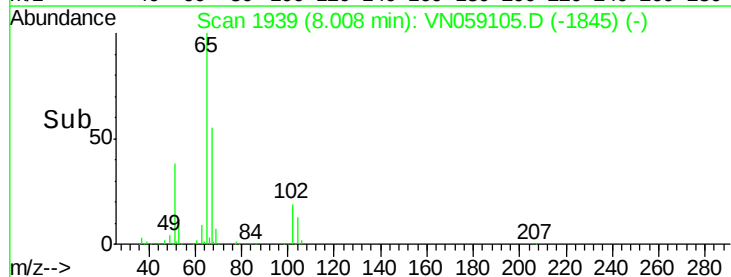
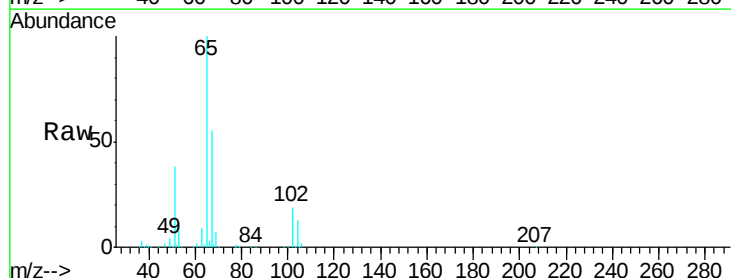
Instrument :
MSVOA_N
ClientSampleId :
TR-05-110519

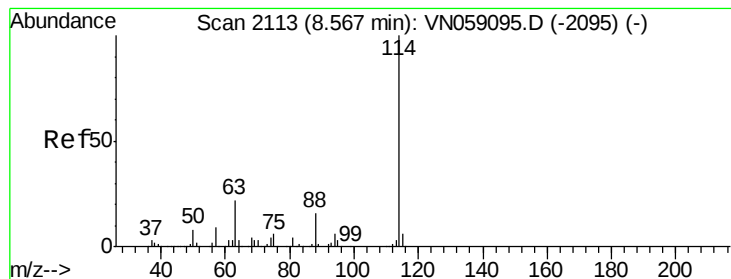
Tgt Ion: 84 Resp: 445145
Ion Ratio Lower Upper
84 100
49 127.2 102.0 153.0
51 38.6 32.2 48.2
86 63.2 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 50.218 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059105.D
Acq: 6 Nov 2019 14:18

Tgt Ion: 65 Resp: 303808
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059105.D

Acq: 6 Nov 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

TR-05-110519

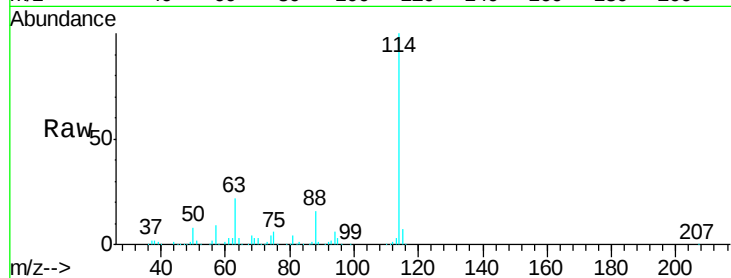
Tgt Ion:114 Resp: 763947

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

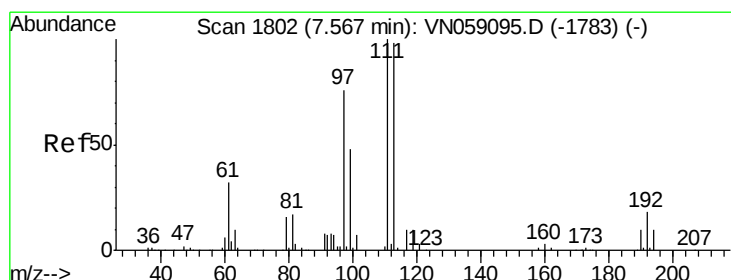
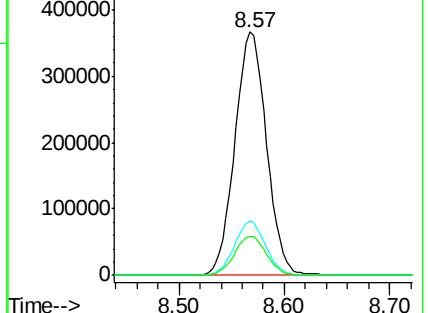
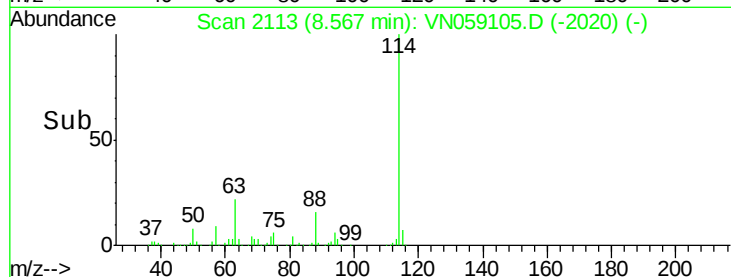
88 16.0 0.0 32.2



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: 51.337 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059105.D

Acq: 6 Nov 2019 14:18

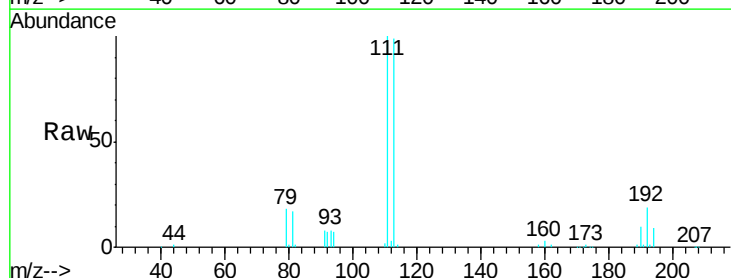
Tgt Ion:113 Resp: 234176

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

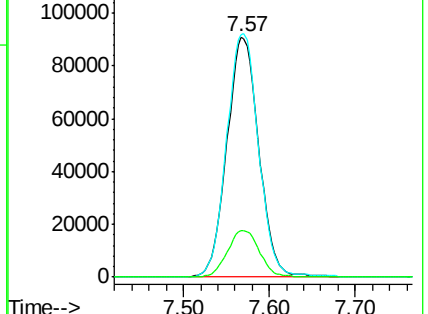
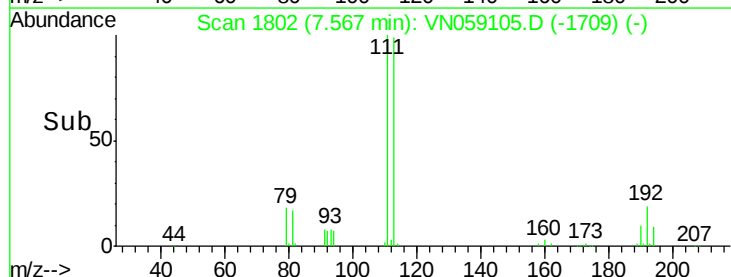
192 19.6 16.1 24.1

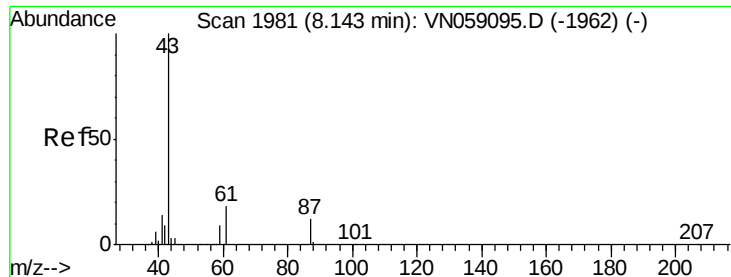


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

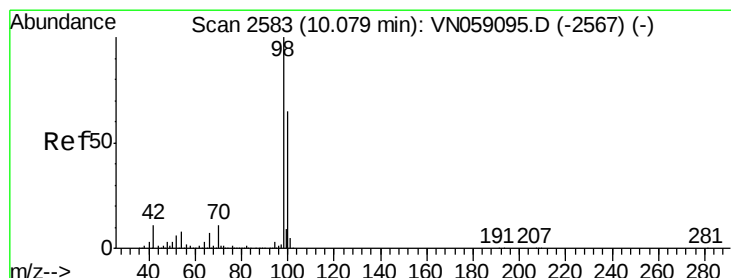
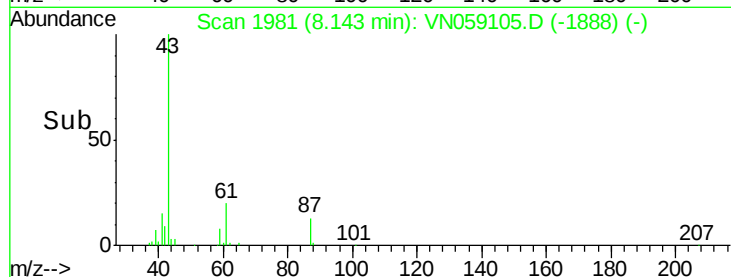
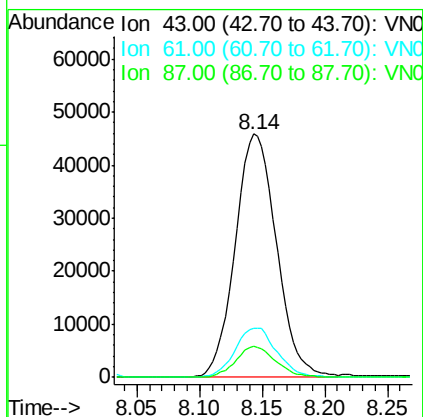
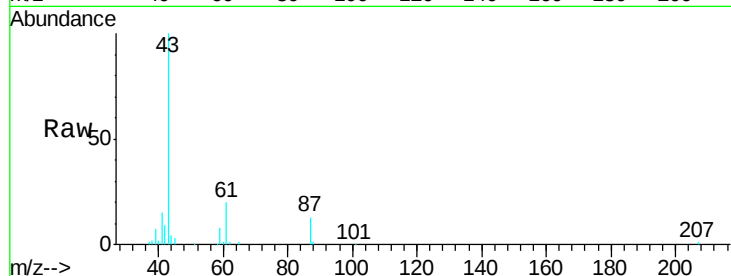




#43
Isopropyl Acetate
Concen: 8.293 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059105.D
Acq: 6 Nov 2019 14:18

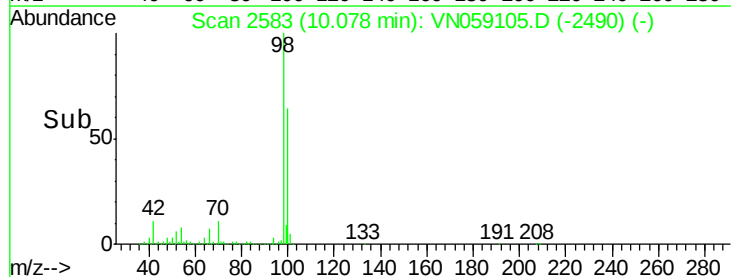
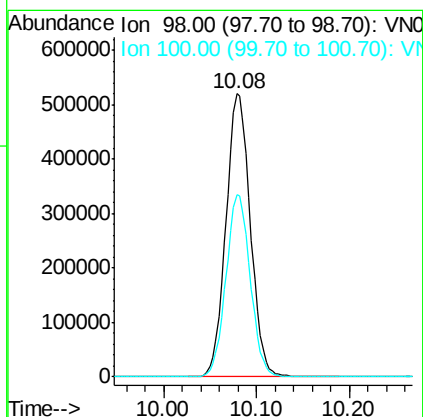
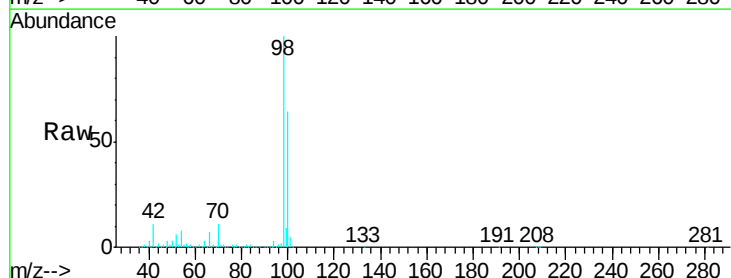
Instrument :
MSVOA_N
ClientSampleId :
TR-05-110519

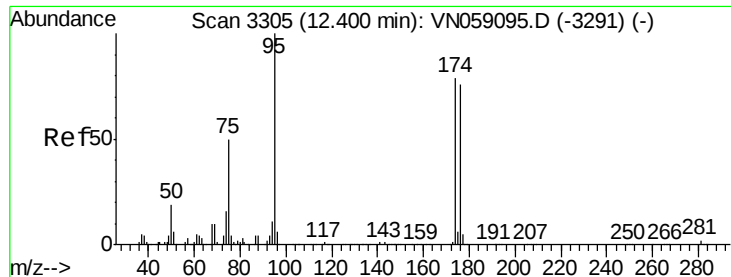
Tgt Ion: 43 Resp: 105031
Ion Ratio Lower Upper
43 100
61 20.6 21.0 31.6#
87 12.4 9.8 14.6



#50
Toluene-d8
Concen: 52.817 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059105.D
Acq: 6 Nov 2019 14:18

Tgt Ion: 98 Resp: 948975
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 46.878 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059105.D

Acq: 6 Nov 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

TR-05-110519

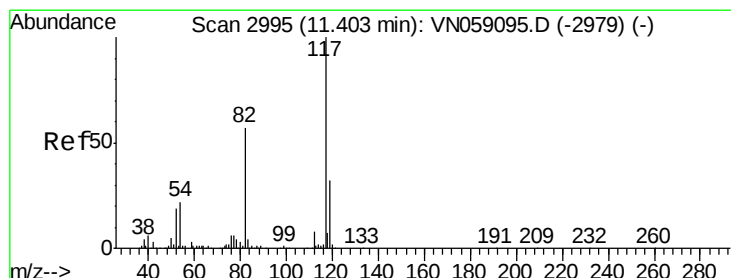
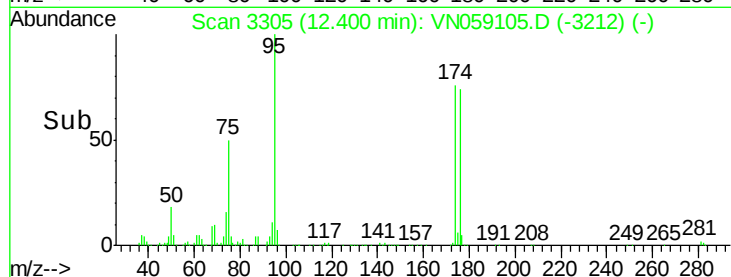
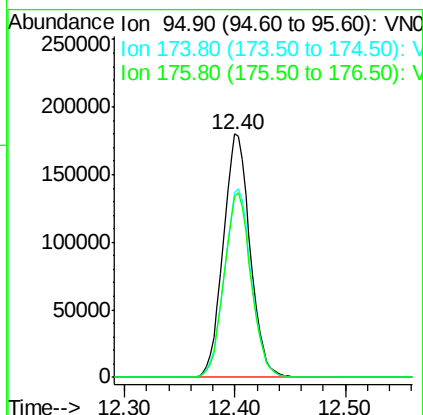
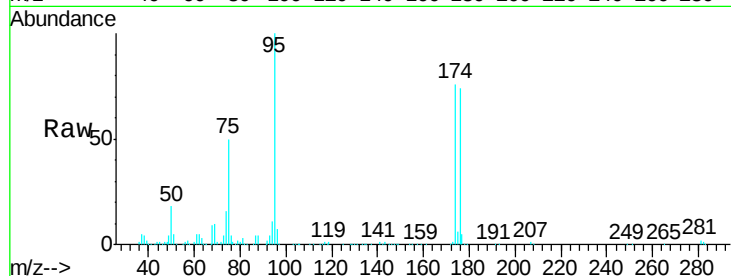
Tgt Ion: 95 Resp: 303690

Ion Ratio Lower Upper

95 100

174 78.3 0.0 158.2

176 75.9 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059105.D

Acq: 6 Nov 2019 14:18

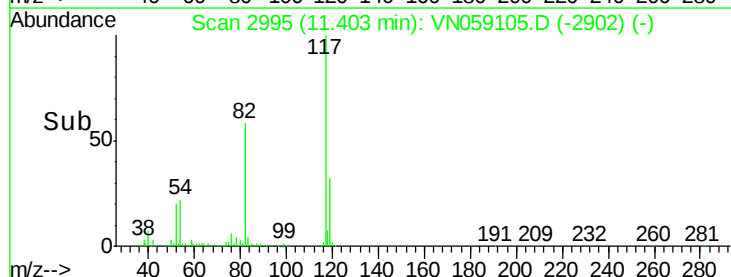
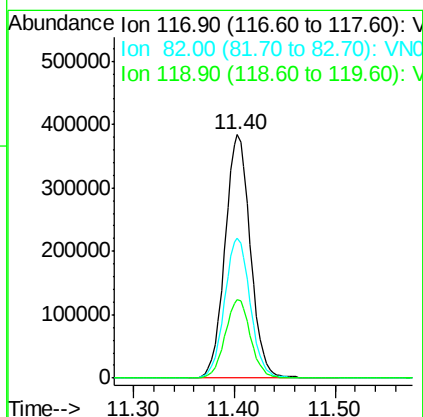
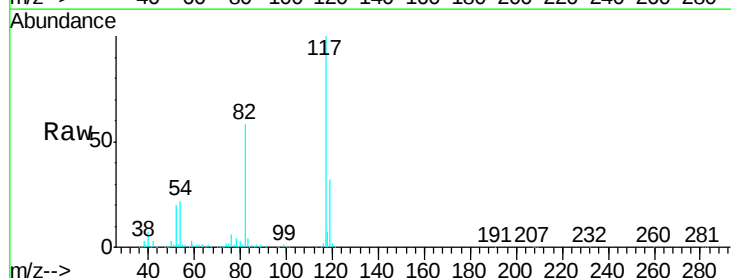
Tgt Ion: 117 Resp: 674102

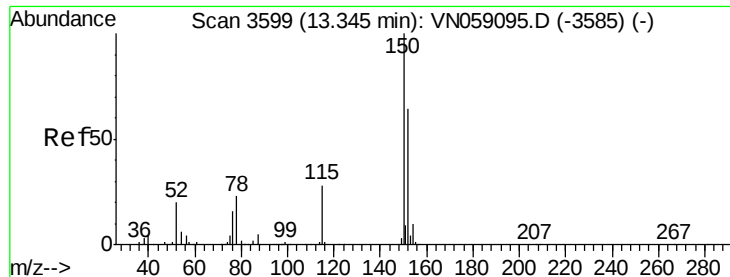
Ion Ratio Lower Upper

117 100

82 57.6 45.8 68.8

119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059105.D

Acq: 6 Nov 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

TR-05-110519

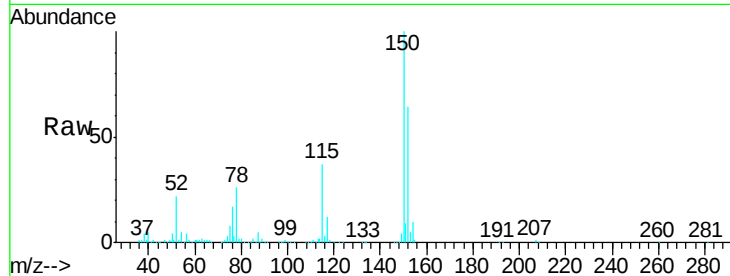
Tgt Ion:152 Resp: 251196

Ion Ratio Lower Upper

152 100

115 58.2 29.4 88.2

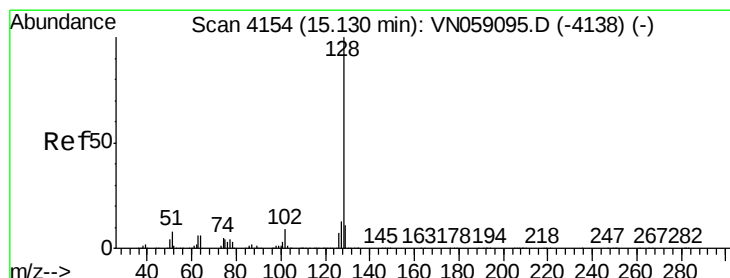
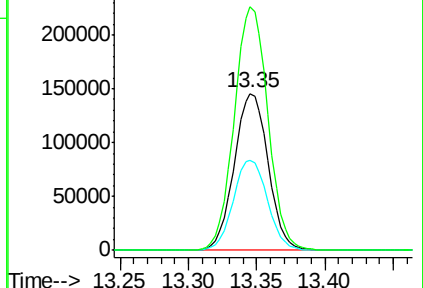
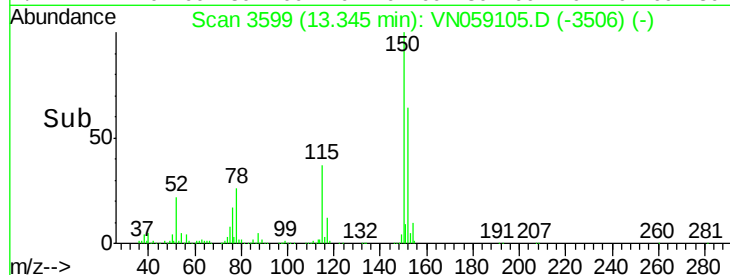
150 154.7 0.0 345.8



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



#95

Naphthalene

Concen: 3.536 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059105.D

Acq: 6 Nov 2019 14:18

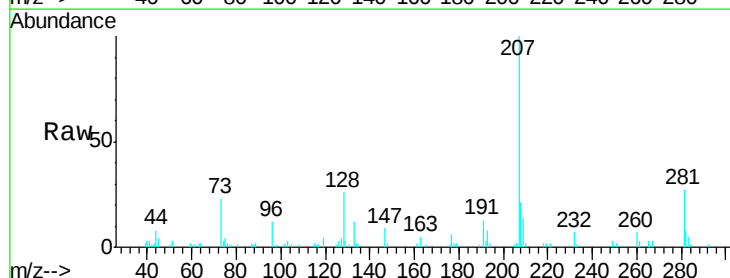
Tgt Ion:128 Resp: 6805

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 9.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

