

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059063.D
 Acq On : 1 Nov 2019 15:37
 Operator : JC/SP
 Sample : K5626-10DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003RW114R-191030DL

Quant Time: Nov 02 05:28:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

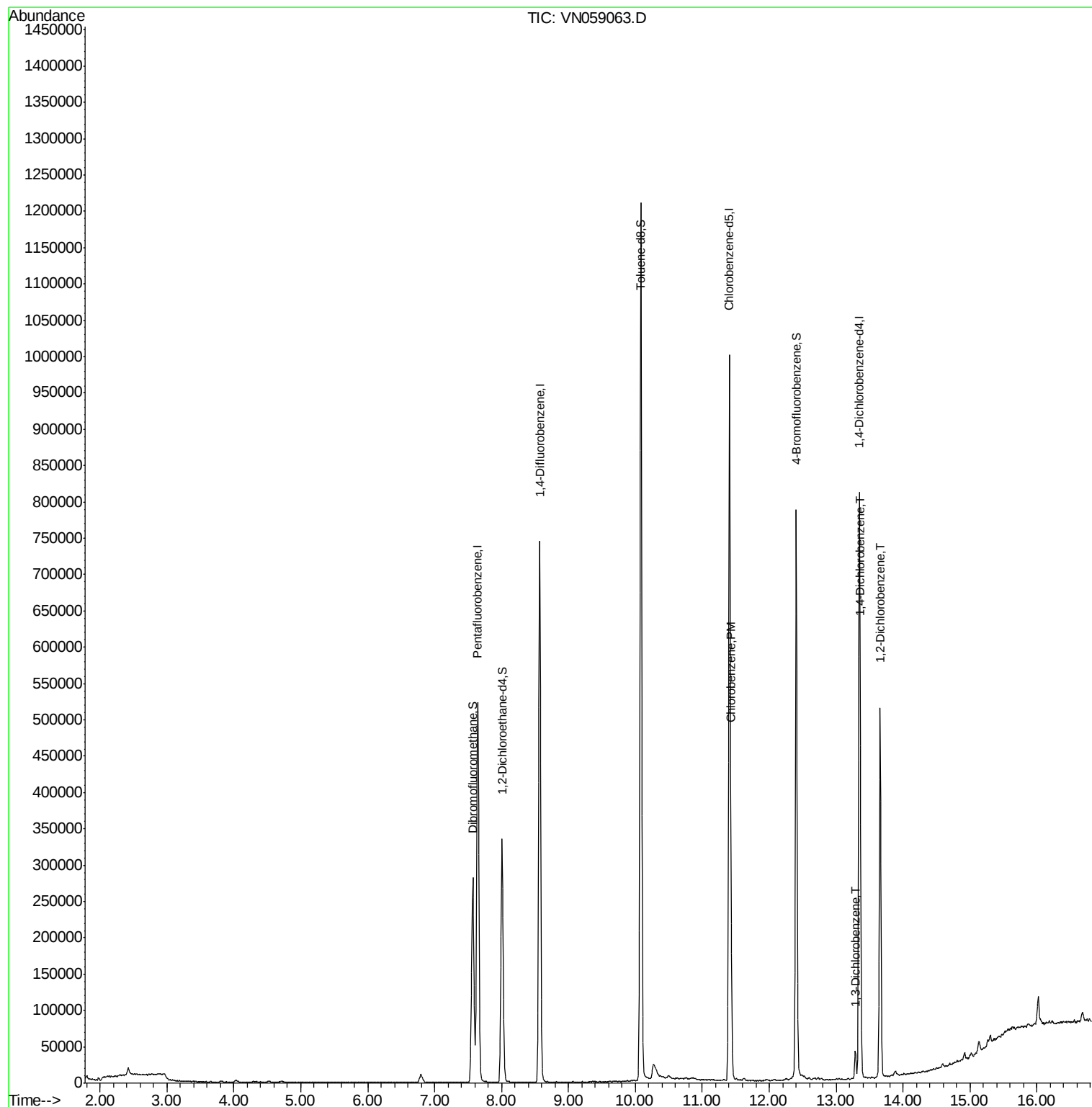
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	427393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	656187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	568818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	212441	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	290942	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	7.57	113	215284	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
50) Toluene-d8	10.08	98	854030	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.40	95	276874	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
Target Compounds						
65) Chlorobenzene	11.43	112	74632	6.393	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	15150	2.182	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	40785	5.938	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	215483	31.190	ug/l	99

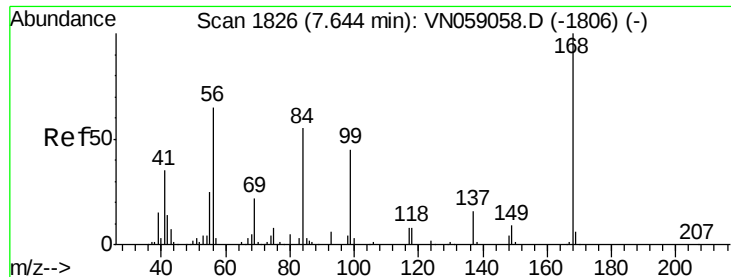
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 05:43:23 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: VN059063.D

Acq: 1 Nov 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

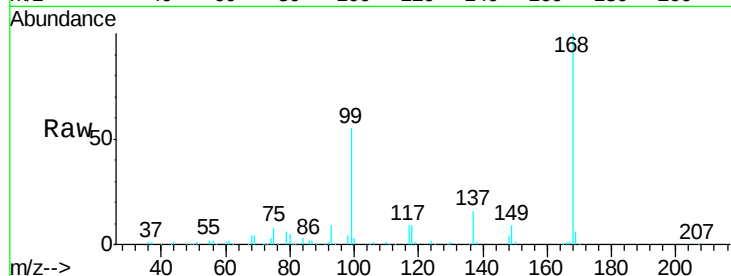
SS003RW114R-191030DL

Tgt Ion: 168 Resp: 427393

Ion Ratio Lower Upper

168 100

99 55.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VN059058.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059058.D (-1806) (-)

7.65

200000

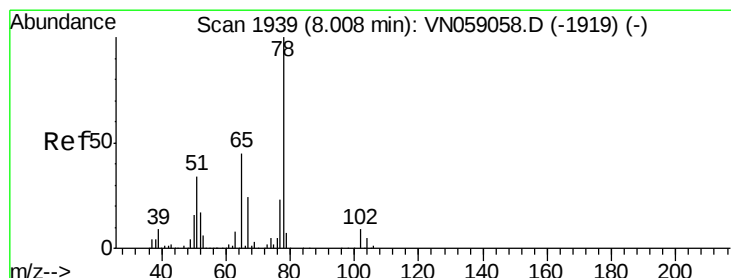
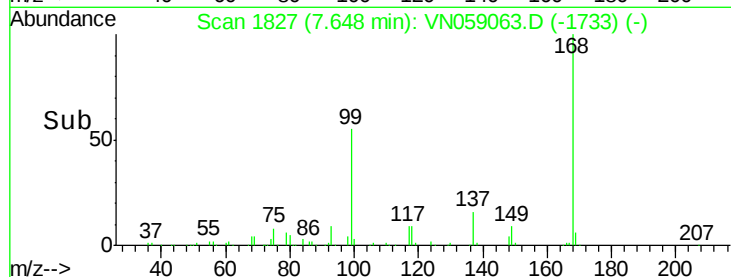
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.400 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059063.D

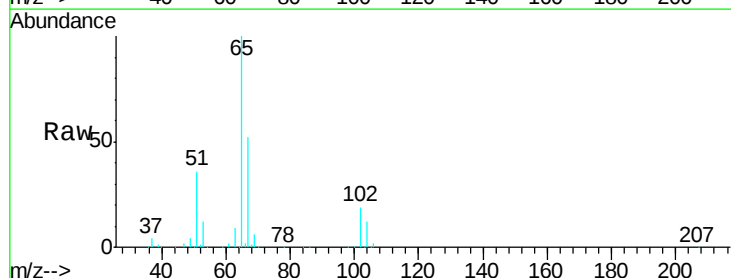
Acq: 1 Nov 2019 15:37

Tgt Ion: 65 Resp: 290942

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN059058.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN059058.D (-1919) (-)

8.01

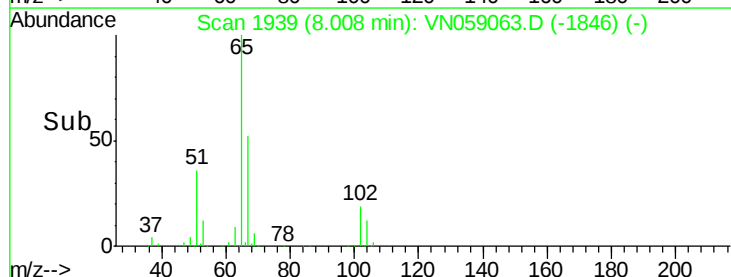
150000

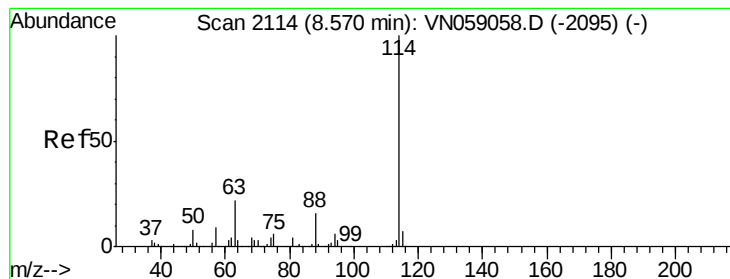
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059063.D

Acq: 1 Nov 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

SS003RW114R-191030DL

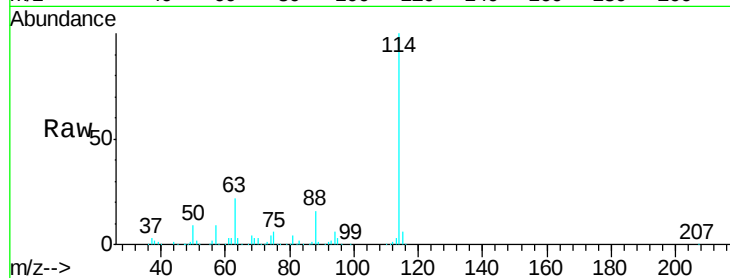
Tgt Ion:114 Resp: 656187

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

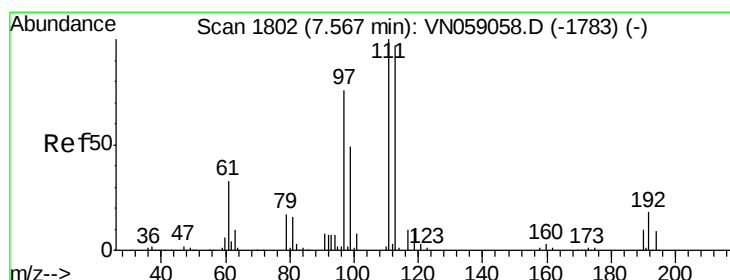
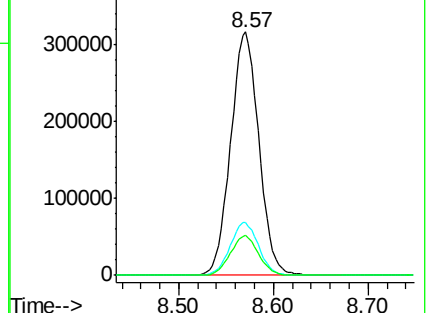
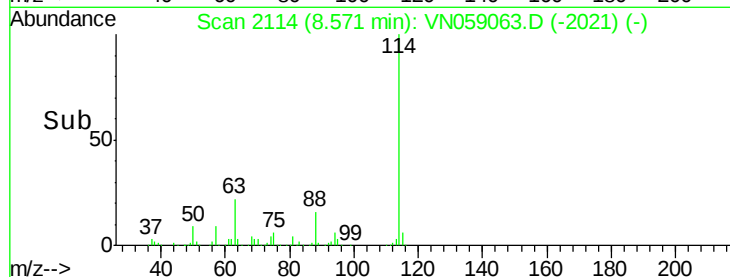
88 16.3 0.0 33.0



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: 50.856 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059063.D

Acq: 1 Nov 2019 15:37

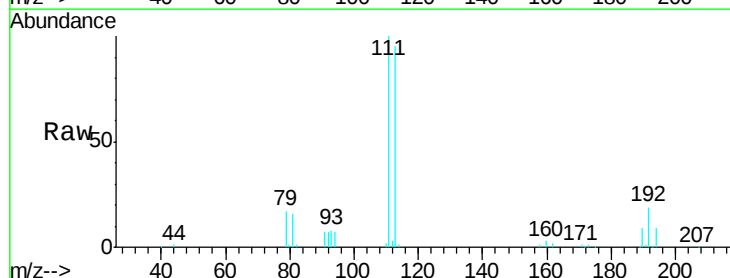
Tgt Ion:113 Resp: 215284

Ion Ratio Lower Upper

113 100

111 105.0 82.9 124.3

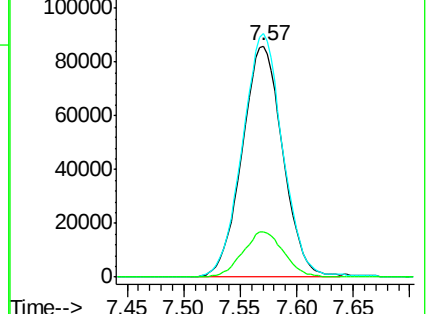
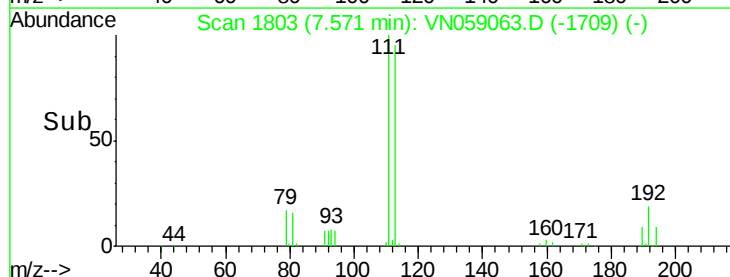
192 19.7 15.9 23.9

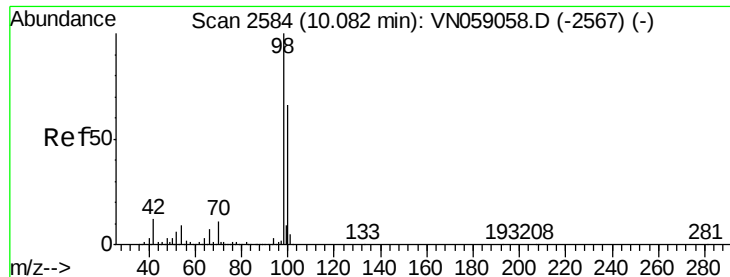


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.819 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059063.D

Acq: 1 Nov 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

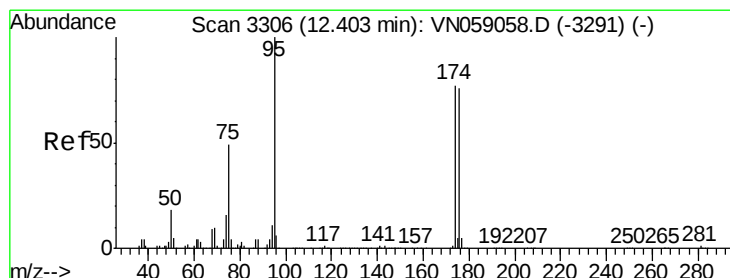
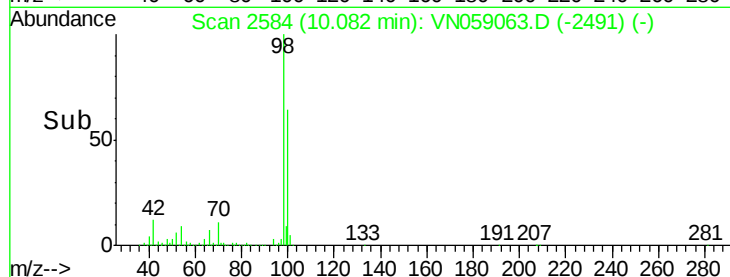
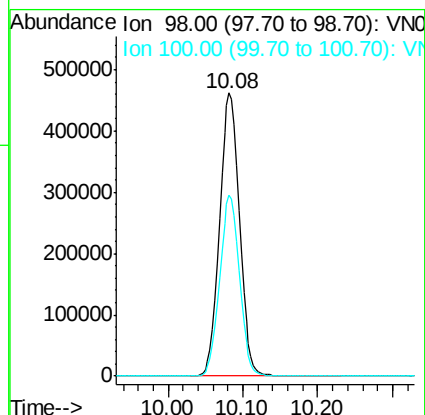
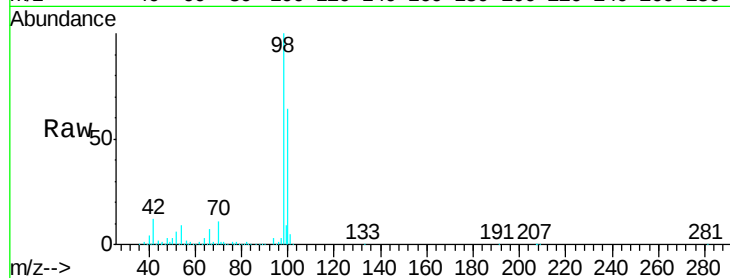
SS003RW114R-191030DL

Tgt Ion: 98 Resp: 854030

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.734 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059063.D

Acq: 1 Nov 2019 15:37

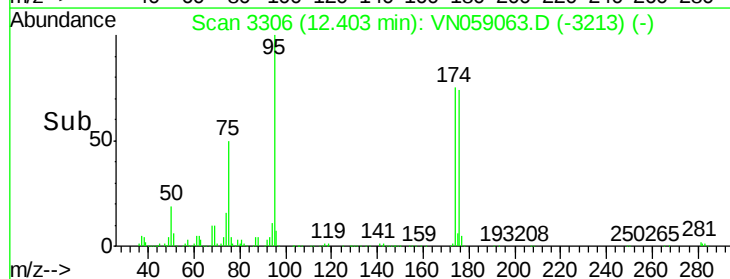
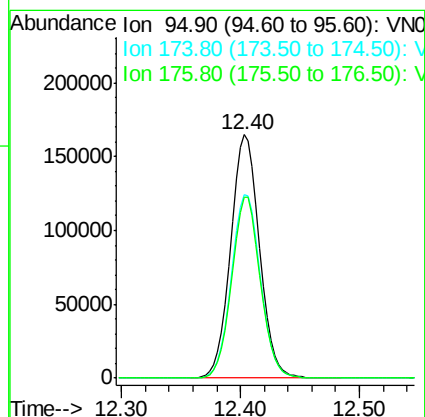
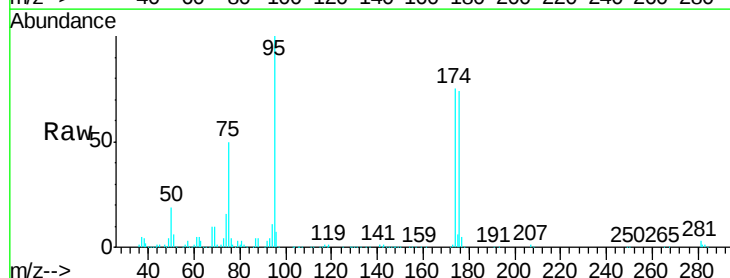
Tgt Ion: 95 Resp: 276874

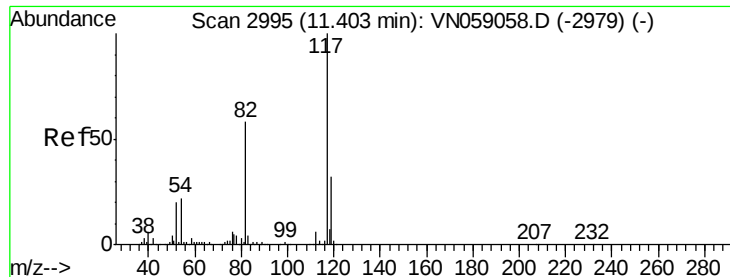
Ion Ratio Lower Upper

95 100

174 76.5 0.0 155.8

176 73.9 0.0 151.6

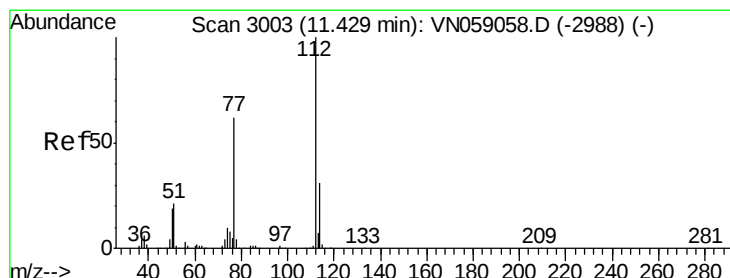
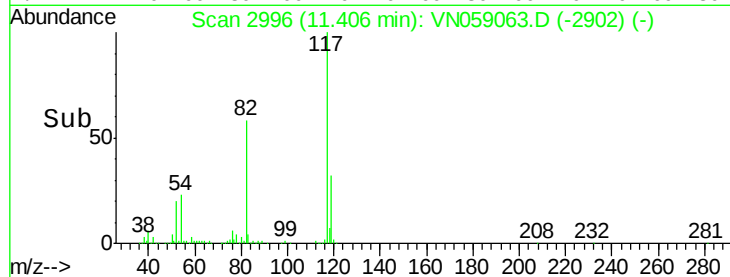
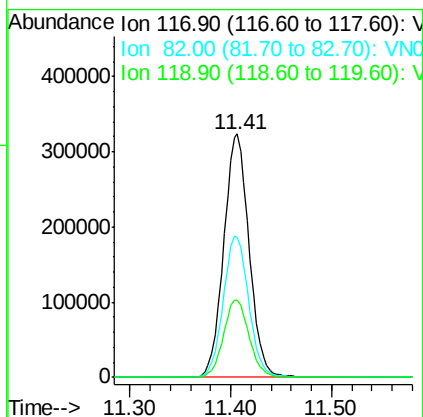
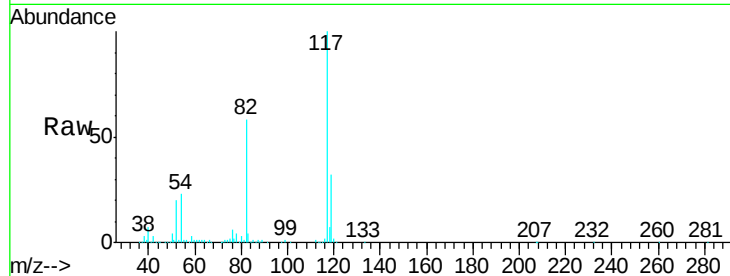




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059063.D
Acq: 1 Nov 2019 15:37

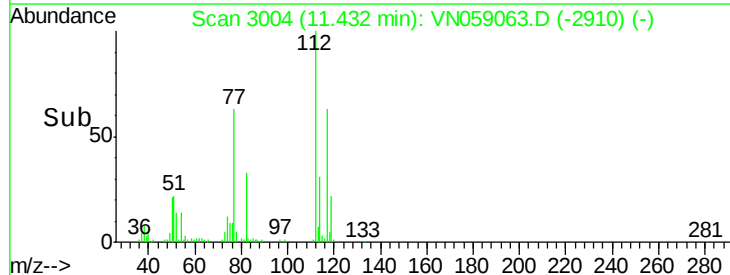
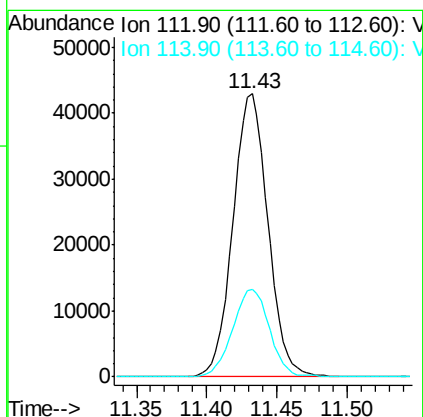
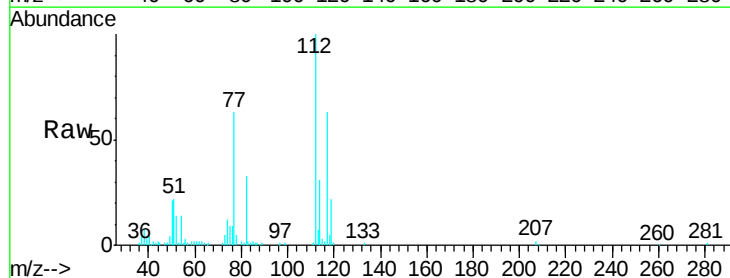
Instrument :
MSVOA_N
ClientSampleId :
SS003RW114R-191030DL

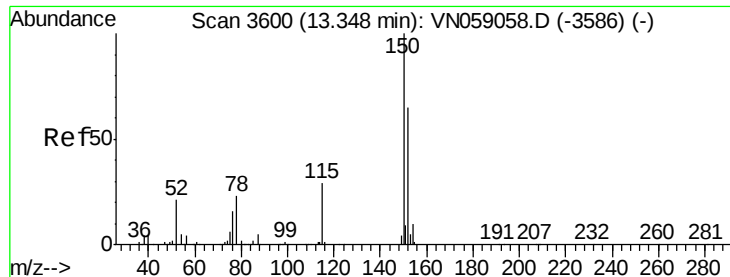
Tgt Ion:117 Resp: 568818
Ion Ratio Lower Upper
117 100
82 57.7 46.0 69.0
119 31.9 25.6 38.4



#65
Chlorobenzene
Concen: 6.393 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN059063.D
Acq: 1 Nov 2019 15:37

Tgt Ion:112 Resp: 74632
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059063.D

Acq: 1 Nov 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

SS003RW114R-191030DL

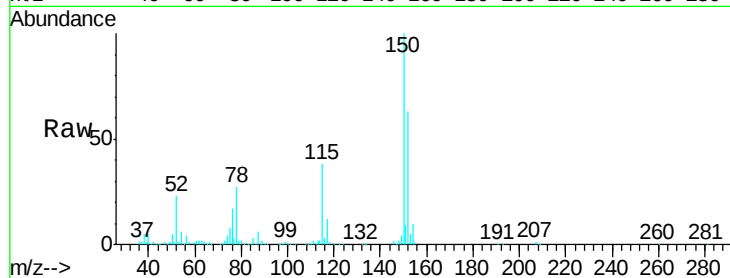
Tgt Ion:152 Resp: 212441

Ion Ratio Lower Upper

152 100

115 60.2 29.6 88.9

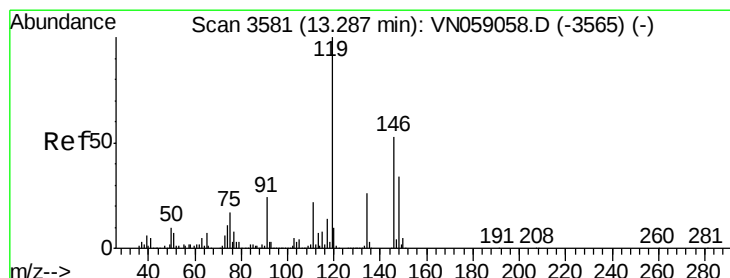
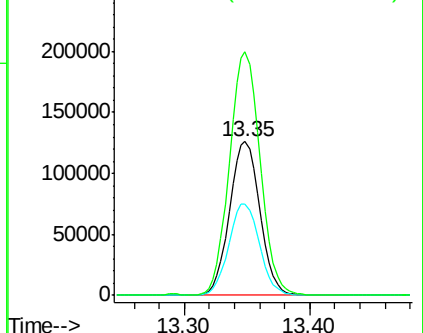
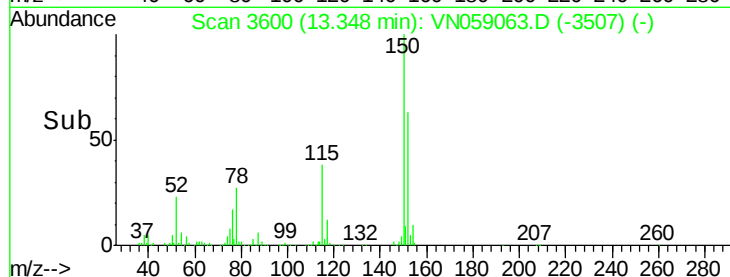
150 158.8 0.0 345.8



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



#87

1,3-Dichlorobenzene

Concen: 2.182 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059063.D

Acq: 1 Nov 2019 15:37

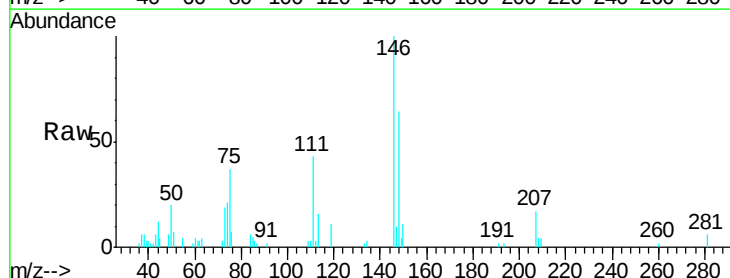
Tgt Ion:146 Resp: 15150

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.5

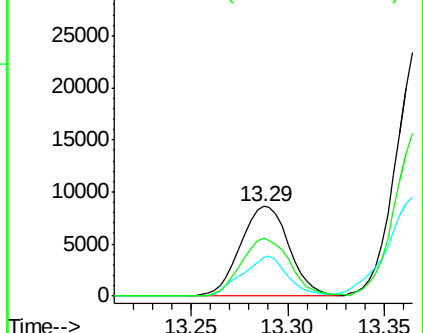
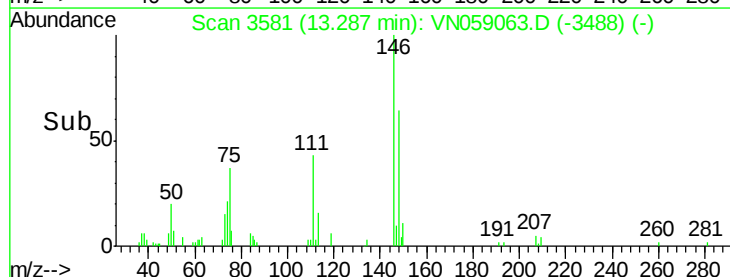
148 64.8 31.8 95.3

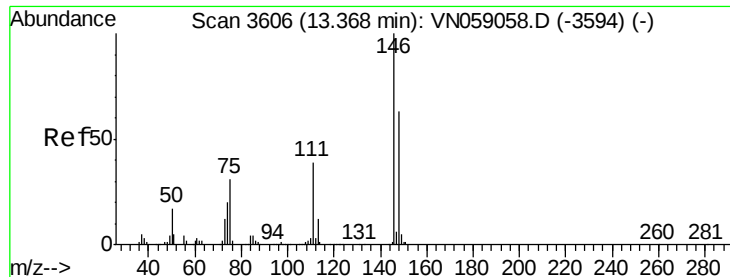


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

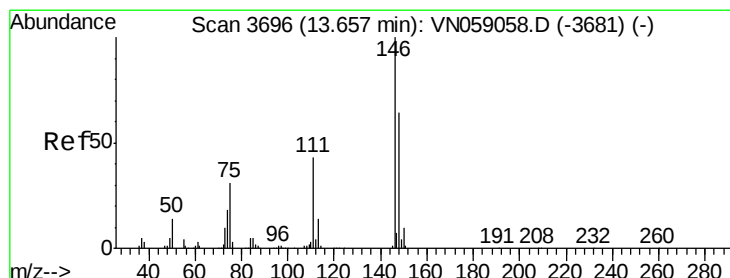
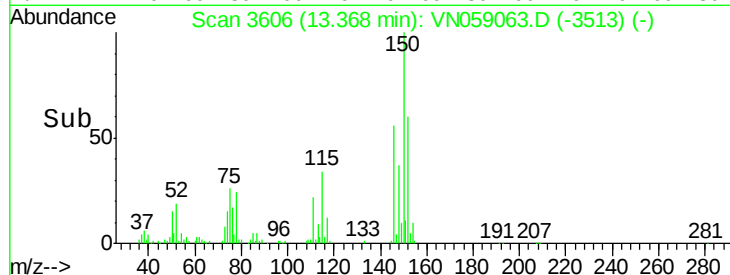
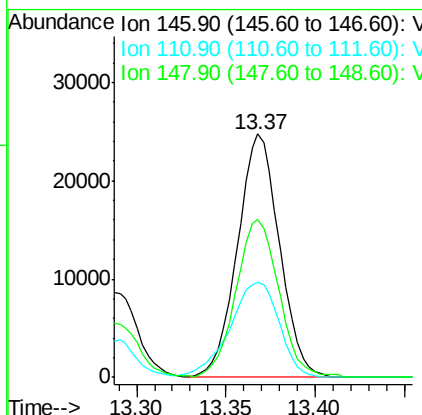
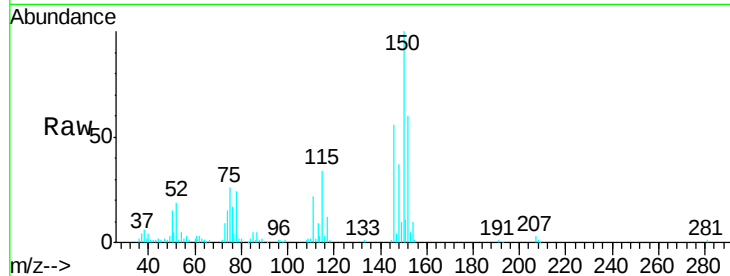




#88
 1,4-Dichlorobenzene
 Concen: 5.938 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN059063.D
 Acq: 1 Nov 2019 15:37

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 SS003RW114R-191030DL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.0	20.1	60.2
148	66.5	31.9	95.7



#91
 1,2-Dichlorobenzene
 Concen: 31.190 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059063.D
 Acq: 1 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.2	63.6
148	63.1	32.1	96.3

