

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059043.D
 Acq On : 31 Oct 2019 16:43
 Operator : JC/SP
 Sample : K5626-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003RW114R-191030

Quant Time: Nov 01 03:06:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

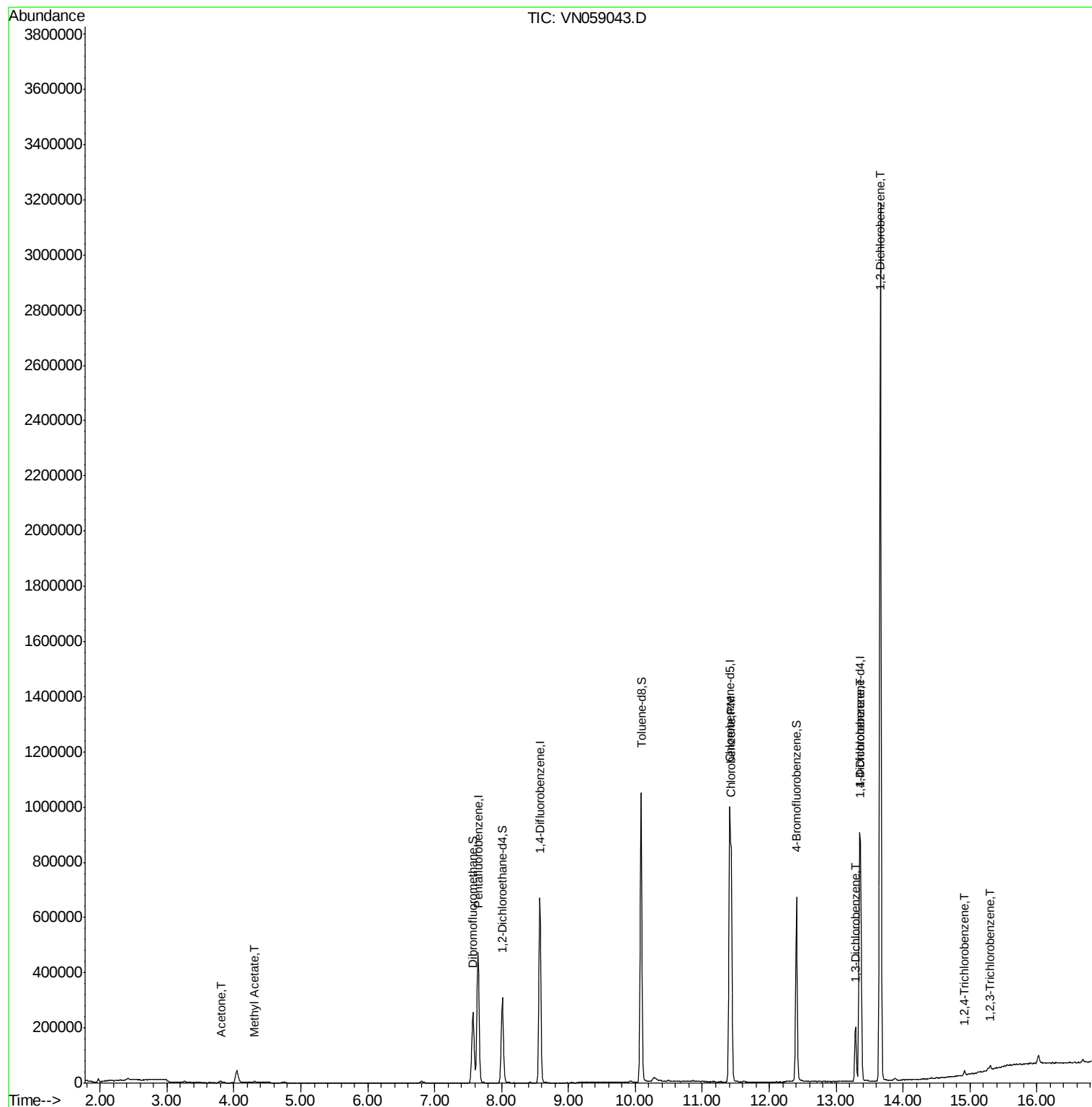
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	374127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	584320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	520772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	199199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	264652	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	7.57	113	196402	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	10.08	98	737656	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.41	95	231352	42.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.48%	
Target Compounds						
16) Acetone	3.80	43	10278	3.791	ug/l	95
18) Methyl Acetate	4.30	43	6087	0.987	ug/l	99
65) Chlorobenzene	11.43	112	404788	38.180	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	81820	12.752	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	231931	36.106	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	1292617	204.978	ug/l	100
93) 1,2,4-Trichlorobenzene	14.92	180	5287	3.785	ug/l	92
96) 1,2,3-Trichlorobenzene	15.30	180	4342	3.464	ug/l	85

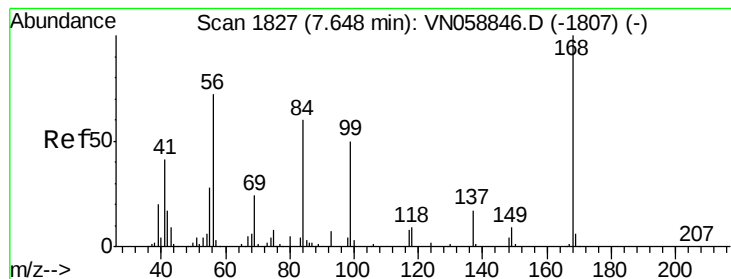
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
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SS003RW114R-191030

Quant Time: Nov 01 03:06:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 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: VN059043.D

Acq: 31 Oct 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

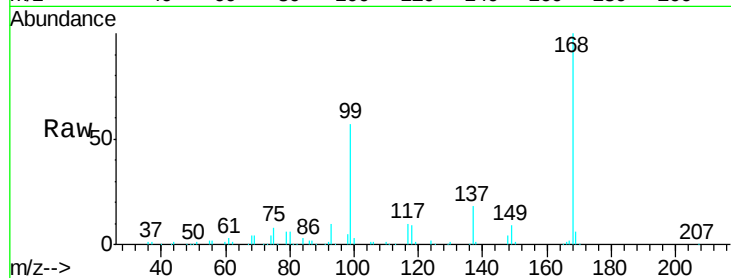
SS003RW114R-191030

Tgt Ion:168 Resp: 374127

Ion Ratio Lower Upper

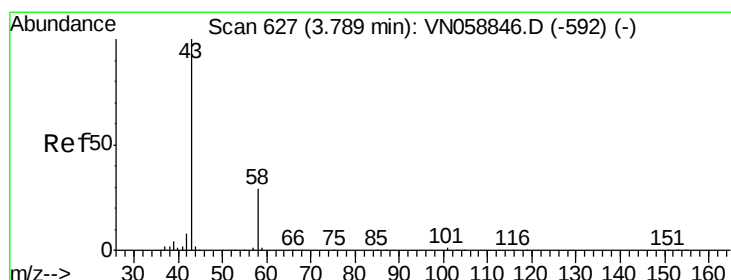
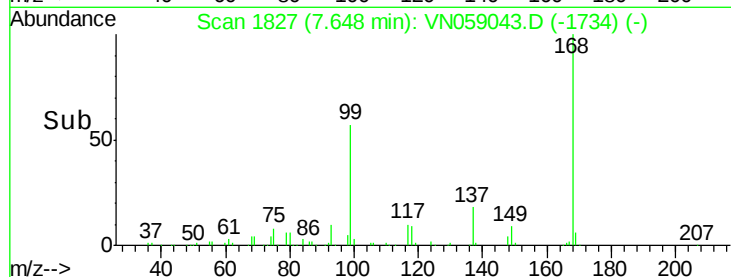
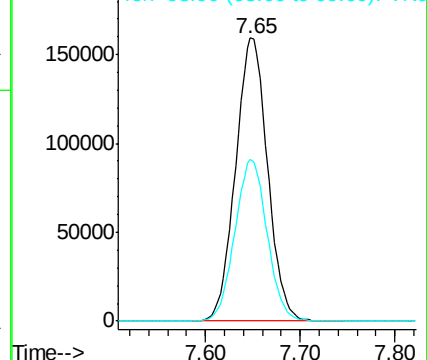
168 100

99 57.2 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 3.791 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059043.D

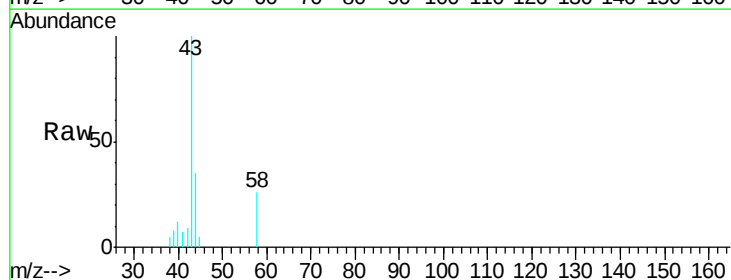
Acq: 31 Oct 2019 16:43

Tgt Ion: 43 Resp: 10278

Ion Ratio Lower Upper

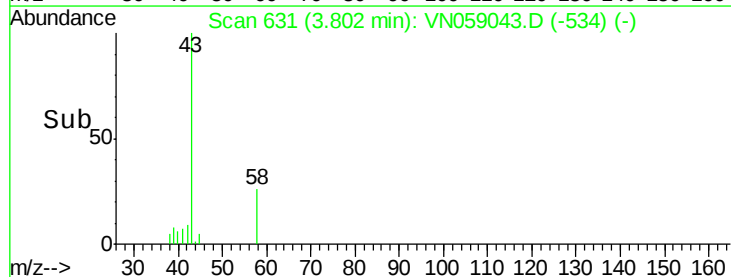
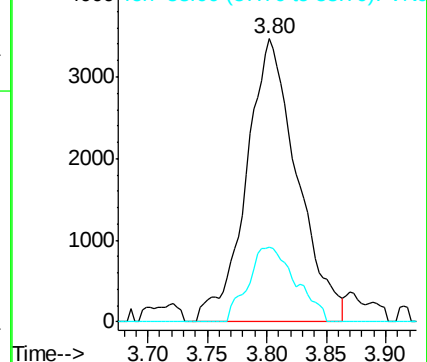
43 100

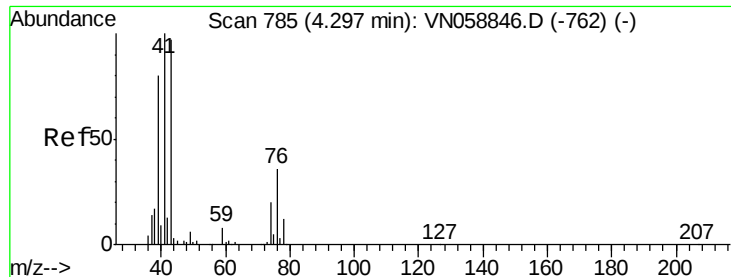
58 26.3 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

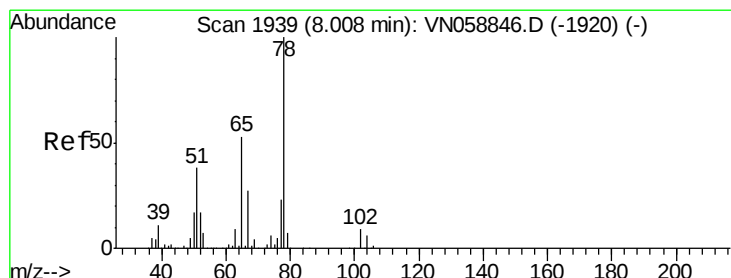
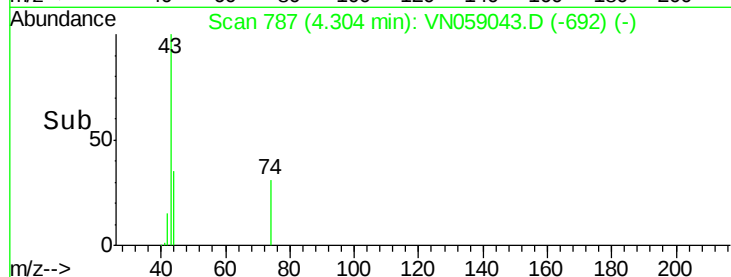
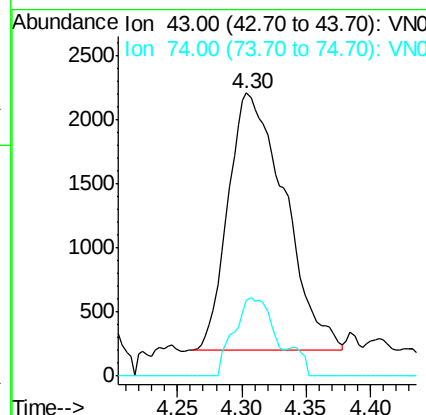
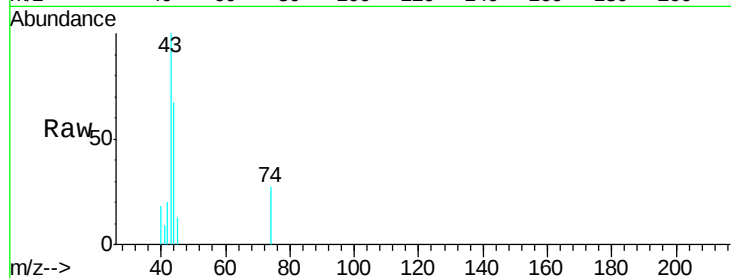




#18
Methyl Acetate
Concen: 0.987 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059043.D
Acq: 31 Oct 2019 16:43

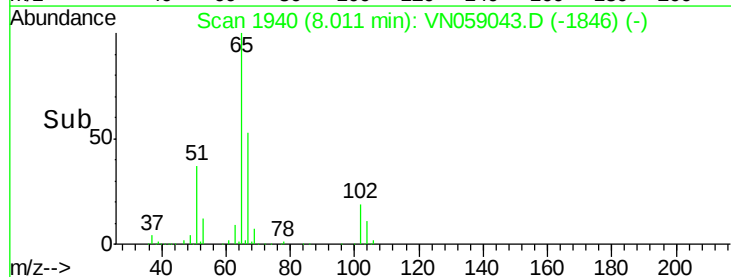
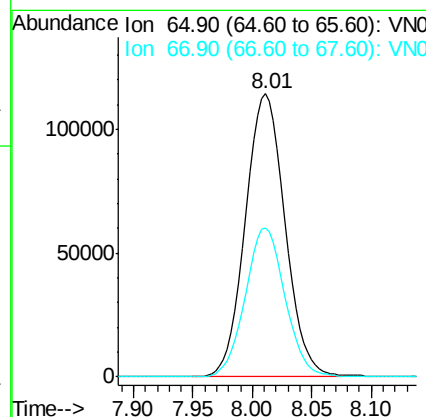
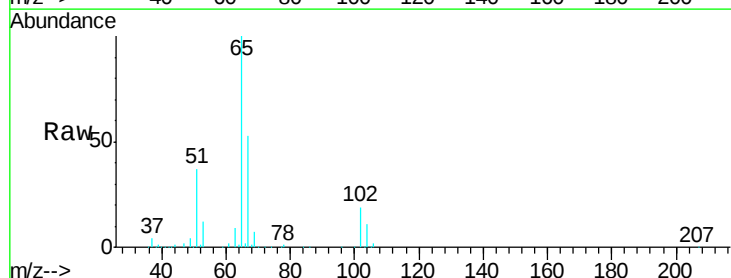
Instrument :
MSVOA_N
ClientSampleId :
SS003RW114R-191030

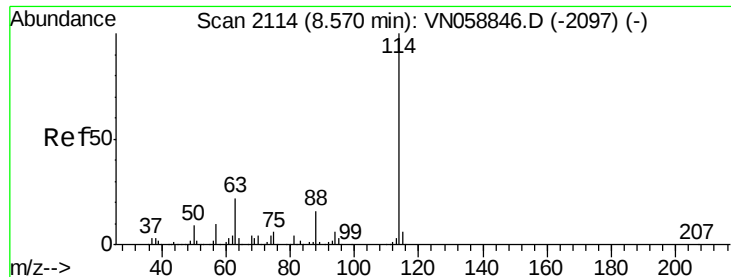
Tgt Ion: 43 Resp: 6087
Ion Ratio Lower Upper
43 100
74 20.7 17.1 25.7



#33
1,2-Dichloroethane-d4
Concen: 48.231 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN059043.D
Acq: 31 Oct 2019 16:43

Tgt Ion: 65 Resp: 264652
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.2

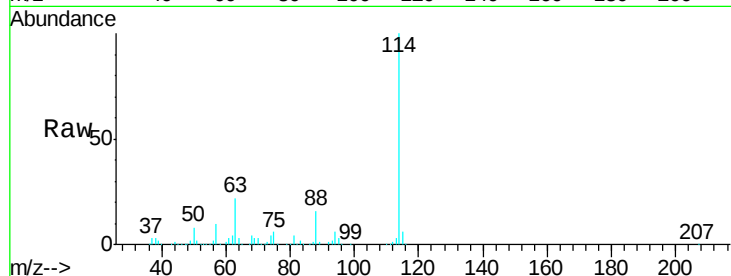




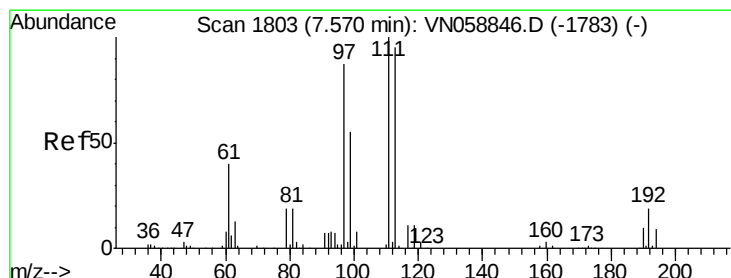
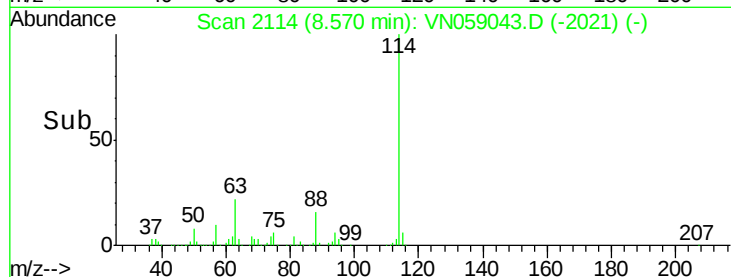
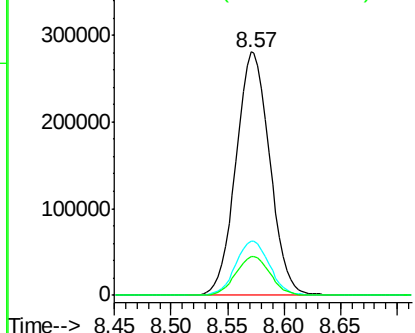
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059043.D
 Acq: 31 Oct 2019 16:43

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003RW114R-191030

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.4
88	16.0	0.0	31.4

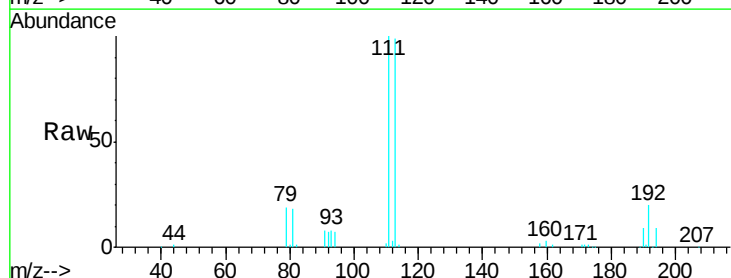


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

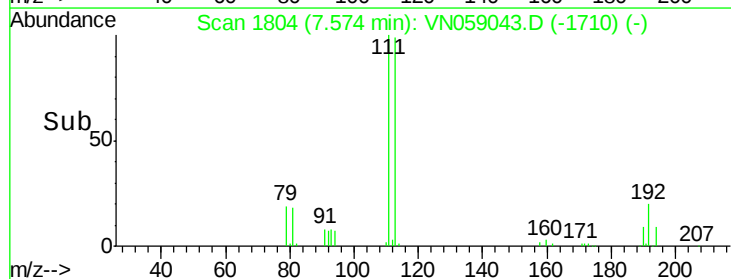
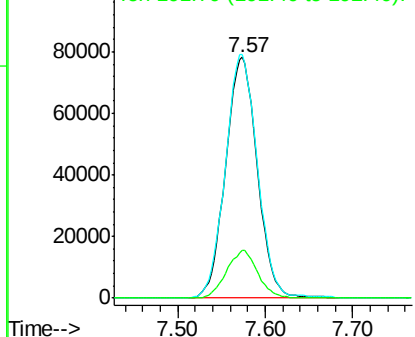


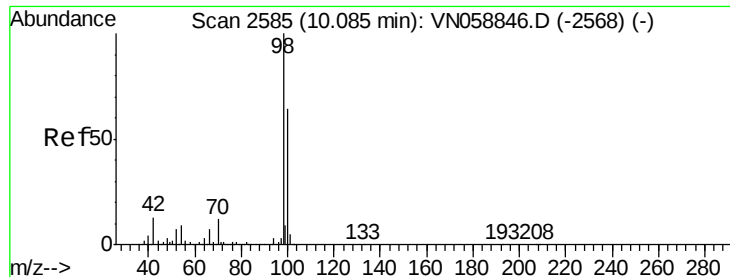
#35
 Dibromofluoromethane
 Concen: 51.123 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN059043.D
 Acq: 31 Oct 2019 16:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	19.4	15.0	22.6



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: 49.463 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN059043.D

Acq: 31 Oct 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

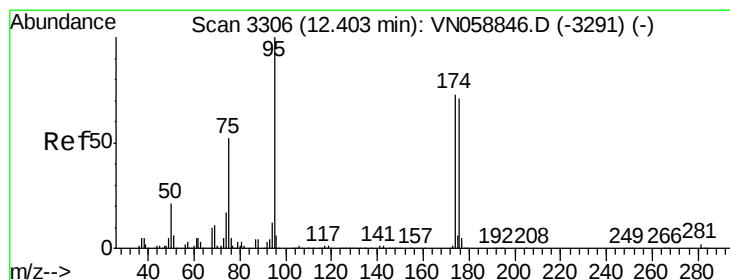
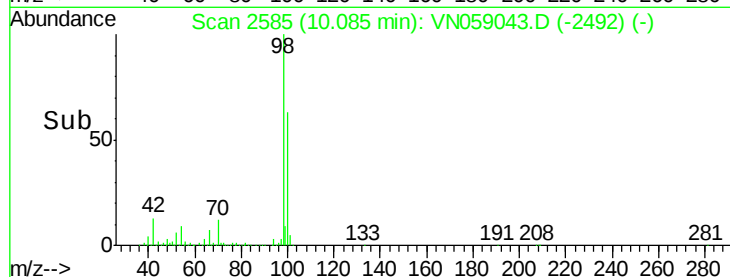
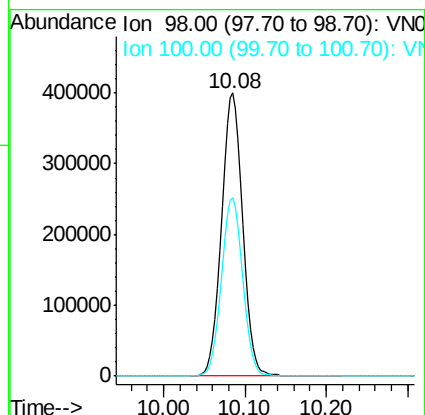
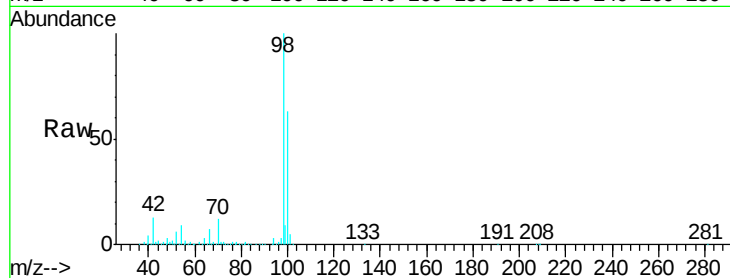
SS003RW114R-191030

Tgt Ion: 98 Resp: 737656

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 42.245 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN059043.D

Acq: 31 Oct 2019 16:43

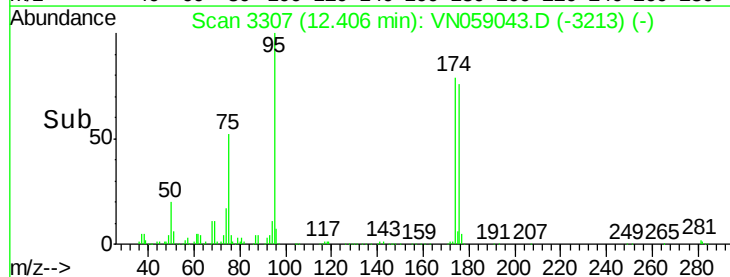
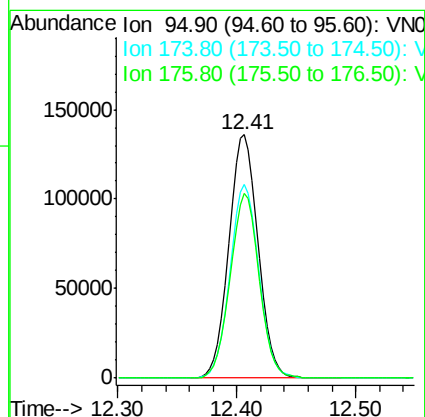
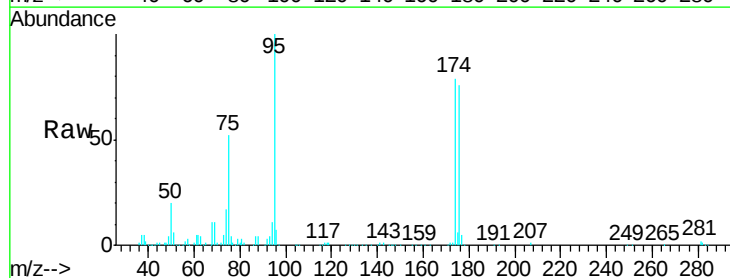
Tgt Ion: 95 Resp: 231352

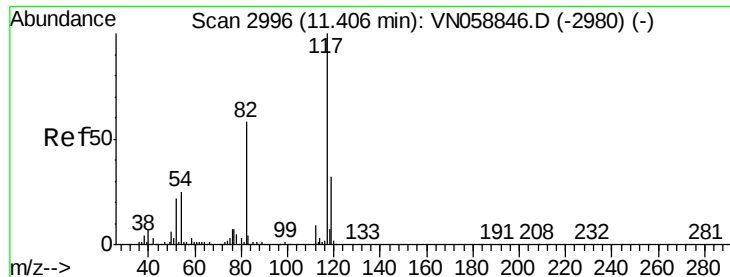
Ion Ratio Lower Upper

95 100

174 78.9 0.0 147.6

176 75.3 0.0 143.2

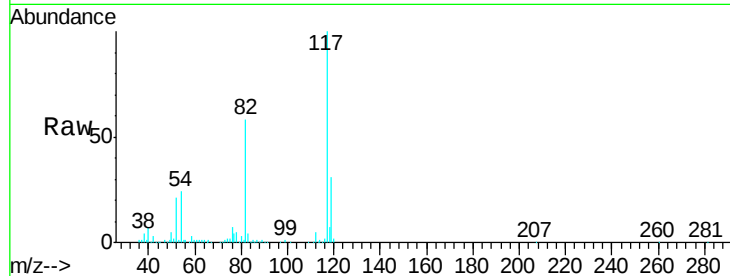




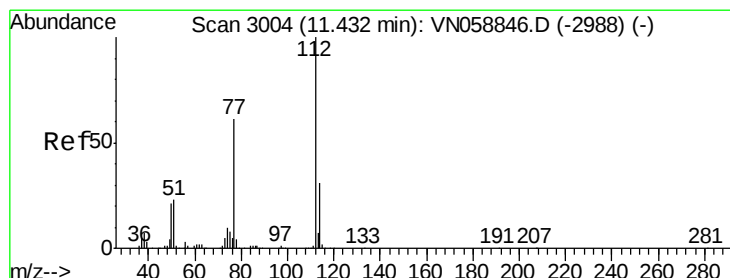
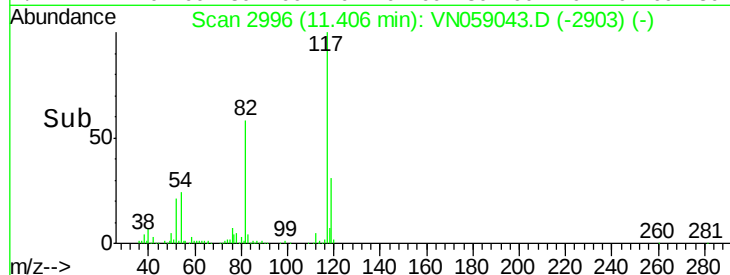
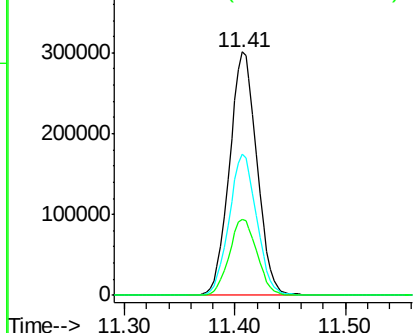
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN059043.D
Acq: 31 Oct 2019 16:43

Instrument :
MSVOA_N
ClientSampleId :
SS003RW114R-191030

Tgt Ion:117 Resp: 520772
Ion Ratio Lower Upper
117 100
82 57.8 46.6 69.8
119 31.4 25.6 38.4

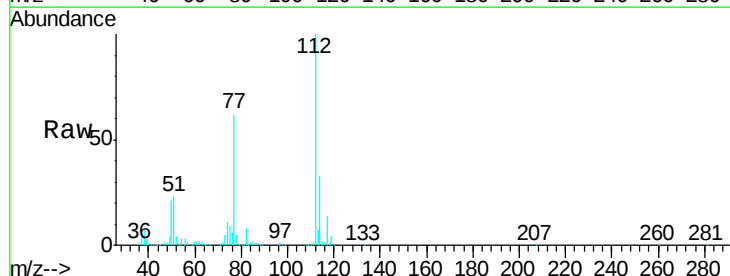


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

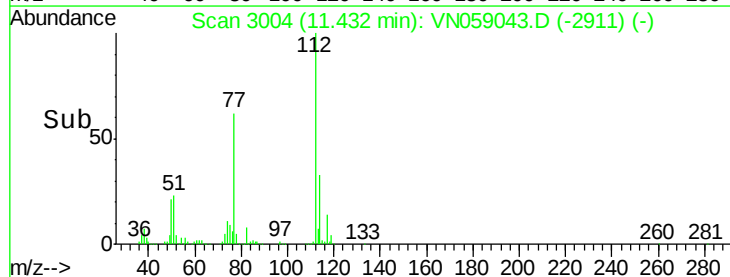
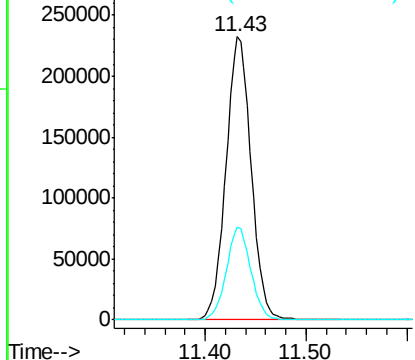


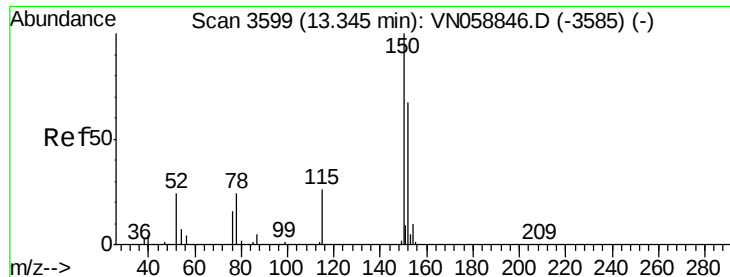
#65
Chlorobenzene
Concen: 38.180 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN059043.D
Acq: 31 Oct 2019 16:43

Tgt Ion:112 Resp: 404788
Ion Ratio Lower Upper
112 100
114 32.9 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059043.D

Acq: 31 Oct 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

SS003RW114R-191030

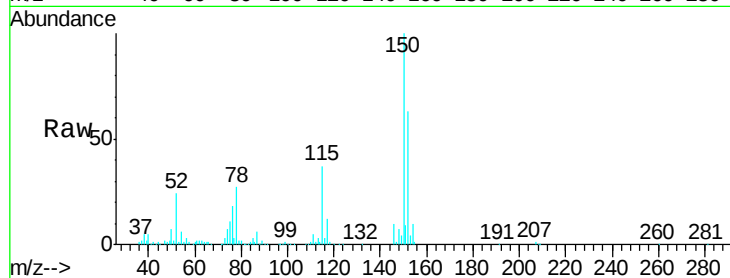
Tgt Ion:152 Resp: 199199

Ion Ratio Lower Upper

152 100

115 59.8 30.5 91.5

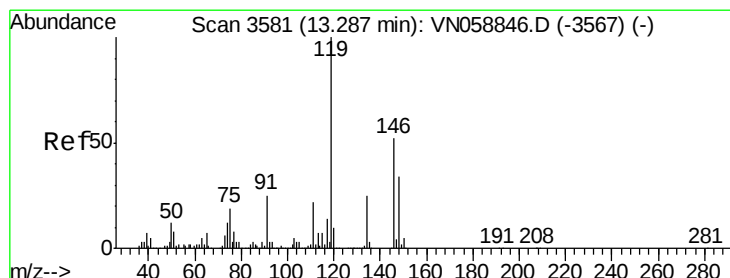
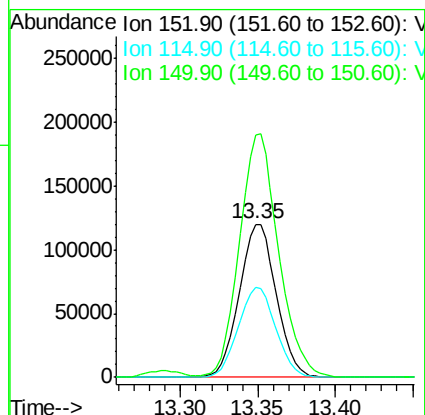
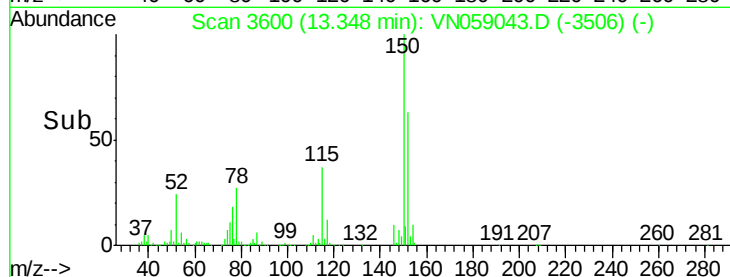
150 167.5 0.0 344.4



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: 12.752 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN059043.D

Acq: 31 Oct 2019 16:43

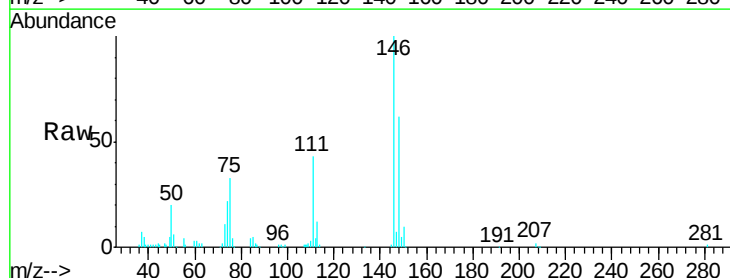
Tgt Ion:146 Resp: 81820

Ion Ratio Lower Upper

146 100

111 42.3 21.0 63.0

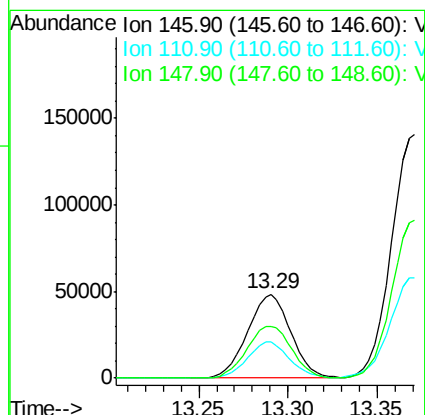
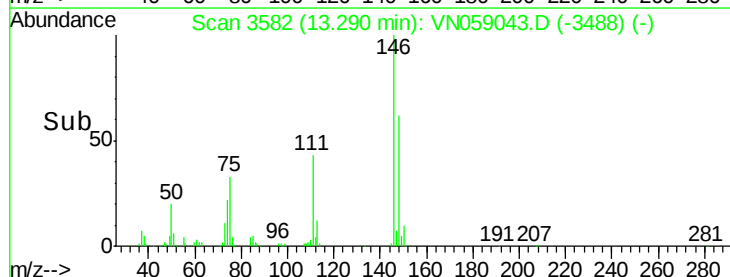
148 64.4 32.1 96.3

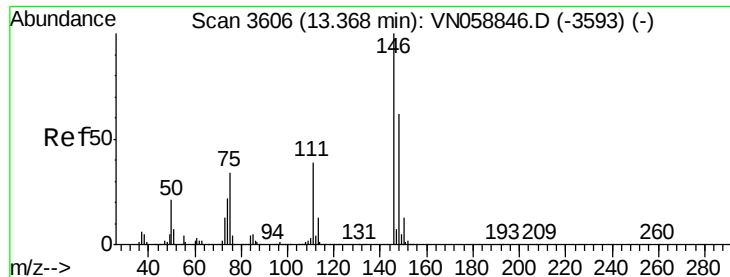


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

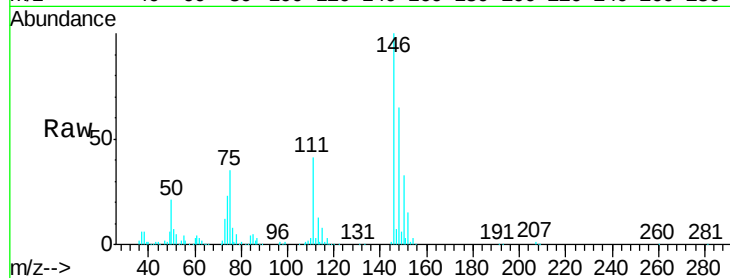




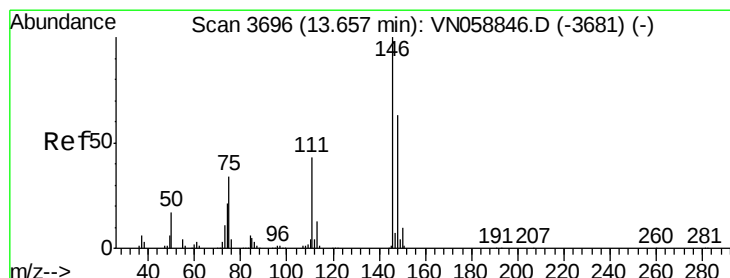
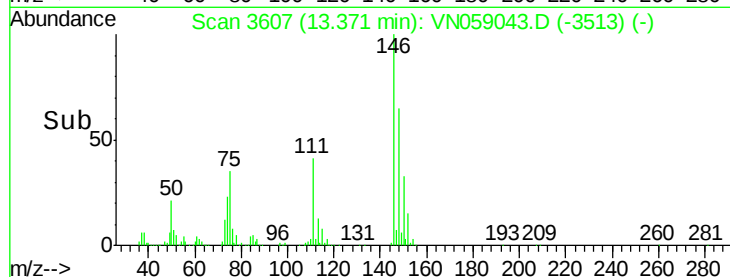
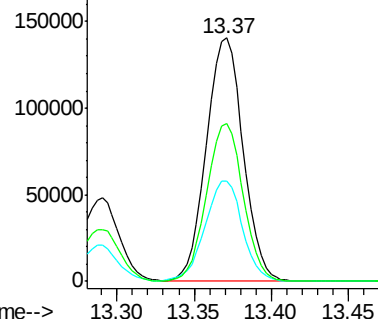
#88
 1,4-Dichlorobenzene
 Concen: 36.106 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN059043.D
 Acq: 31 Oct 2019 16:43

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003RW114R-191030

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.2	60.6
148	64.8	31.6	94.7

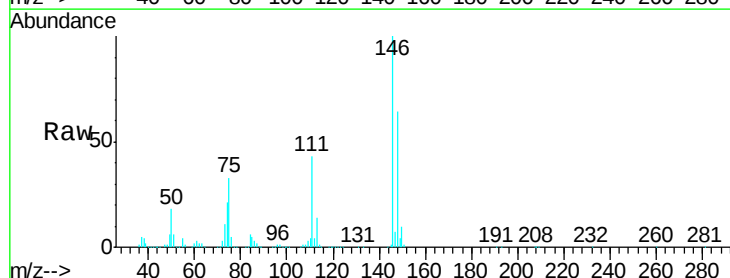


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

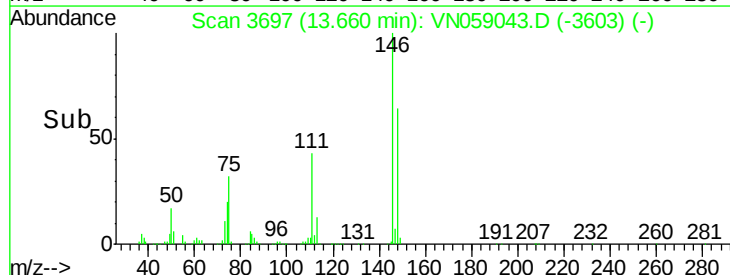
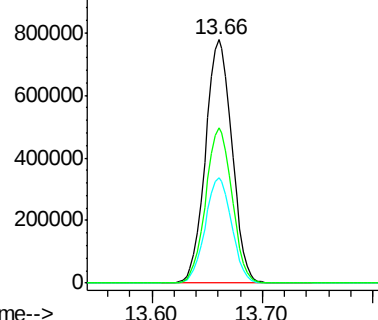


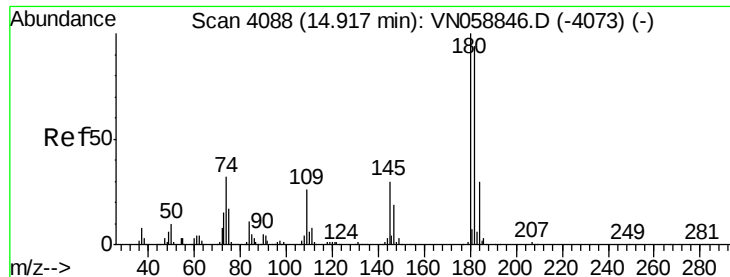
#91
 1,2-Dichlorobenzene
 Concen: 204.978 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN059043.D
 Acq: 31 Oct 2019 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.8
148	63.7	31.9	95.9



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





#93

1,2,4-Trichlorobenzene

Concen: 3.785 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.00 min

Lab File: VN059043.D

Acq: 31 Oct 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

SS003RW114R-191030

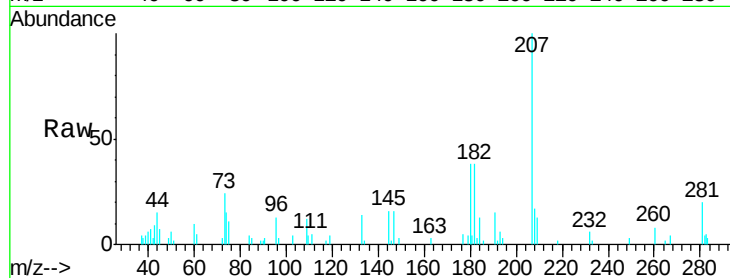
Tgt Ion:180 Resp: 5287

Ion Ratio Lower Upper

180 100

182 100.9 47.3 142.0

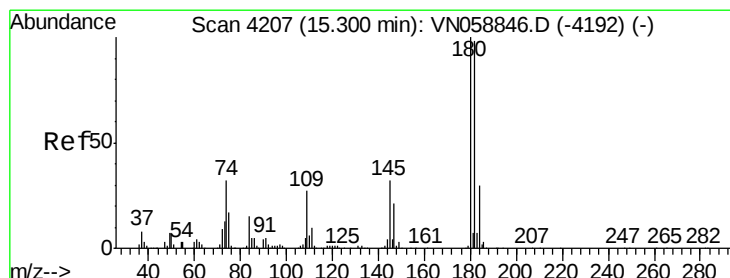
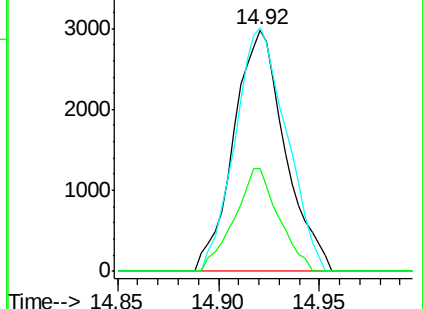
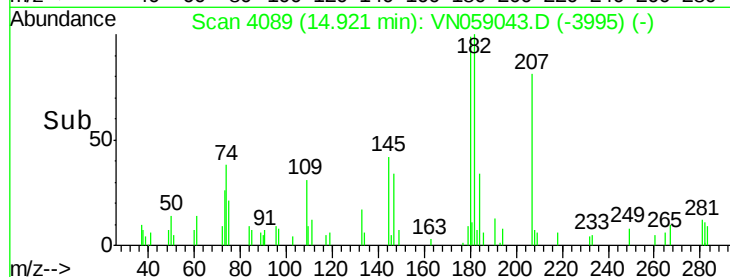
145 36.7 15.3 45.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#96

1,2,3-Trichlorobenzene

Concen: 3.464 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN059043.D

Acq: 31 Oct 2019 16:43

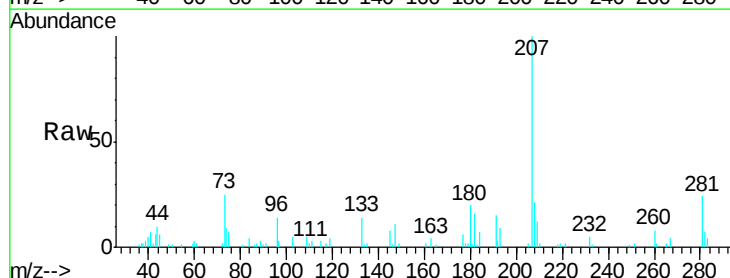
Tgt Ion:180 Resp: 4342

Ion Ratio Lower Upper

180 100

182 80.0 47.9 143.7

145 39.1 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

