

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059112.D
 Acq On : 7 Nov 2019 11:22
 Operator : JC/SP
 Sample : VN1107WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBL02

Quant Time: Nov 08 01:14:17 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	461000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	716325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	607942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	207000	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	288733	50.95	ug/l	0.00
Spiked Amount						
			Recovery	=	101.90%	
35) Dibromofluoromethane	7.57	113	221152	51.71	ug/l	0.00
Spiked Amount						
			Recovery	=	103.42%	
50) Toluene-d8	10.08	98	862644	51.20	ug/l	0.00
Spiked Amount						
			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	267247	43.99	ug/l	0.00
Spiked Amount						
			Recovery	=	87.98%	

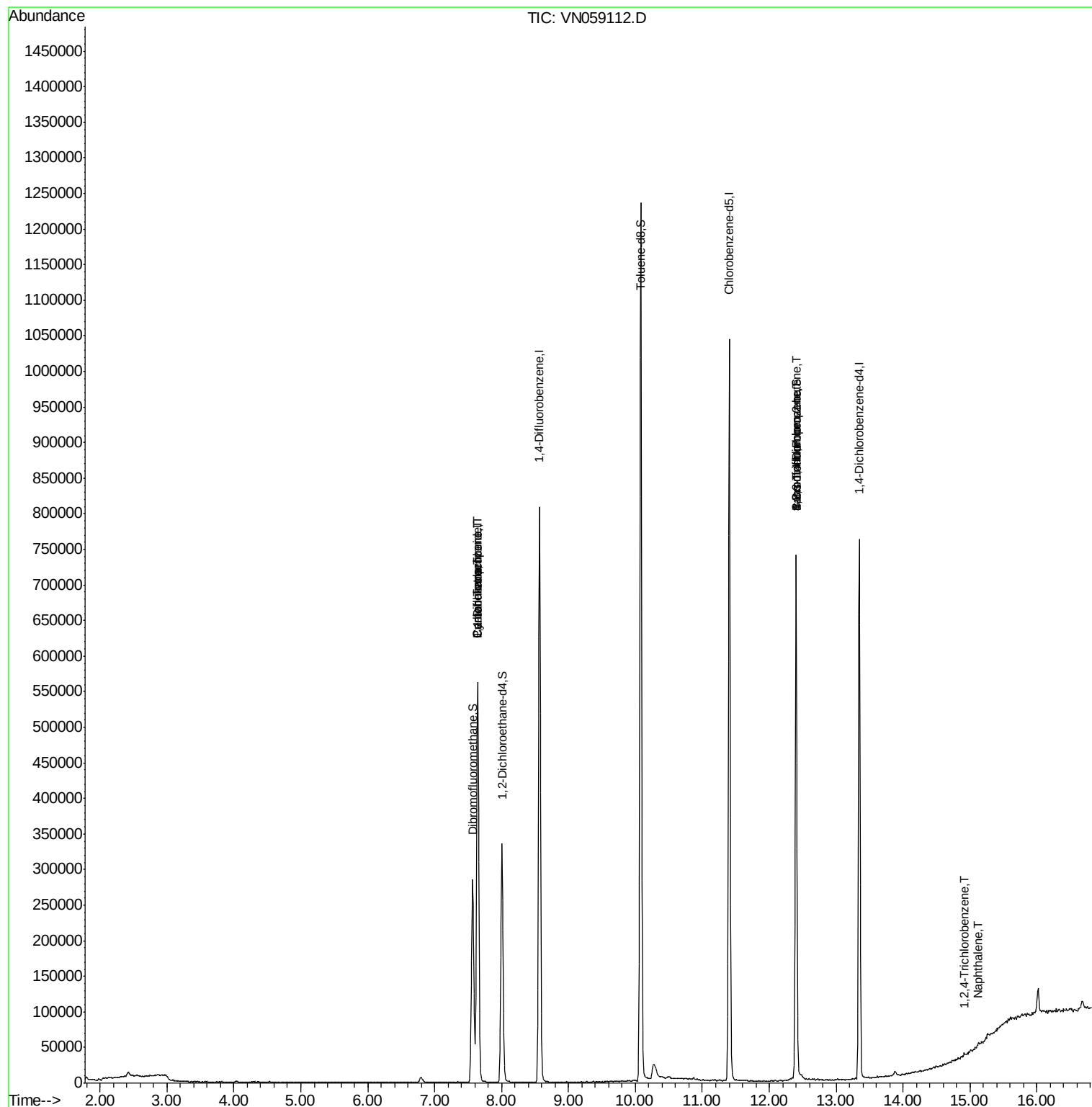
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.64	56	9306	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	35458	5.296	ug/l #	50
38) Carbon Tetrachloride	7.64	117	44145	6.624	ug/l #	17
71) Bromoform	12.40	173	1580	0.457	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	132515	28.119	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	132515	74.269	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	396	3.143	ug/l #	80
95) Naphthalene	15.13	128	1631	3.188	ug/l #	80

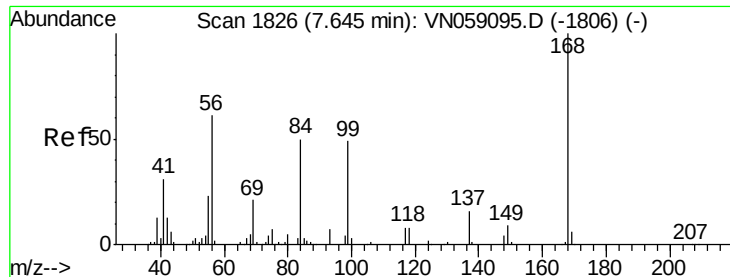
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110719\
Data File : VN059112.D
Acq On : 7 Nov 2019 11:22
Operator : JC/SP
Sample : VN1107WBL02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL02

Quant Time: Nov 08 01:14:17 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: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059112.D

Acq: 7 Nov 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

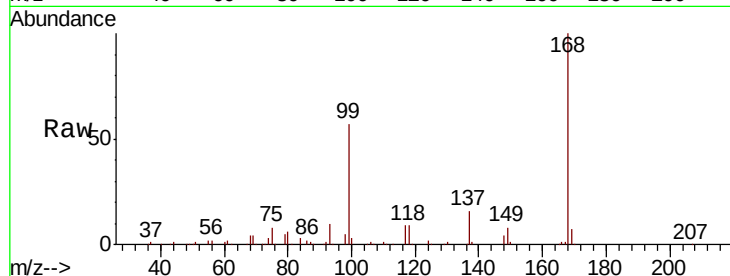
VN1107WBL02

Tot Ion:168 Resp: 461000

Ion Ratio Lower Upper

168 100

99 56.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

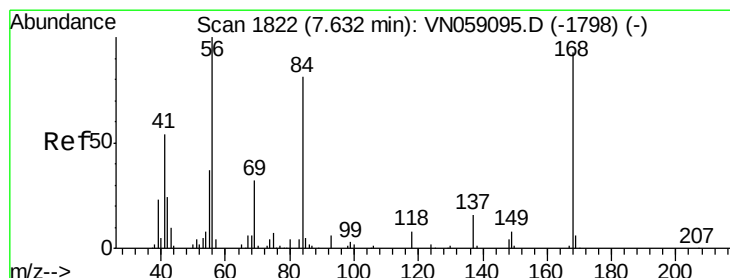
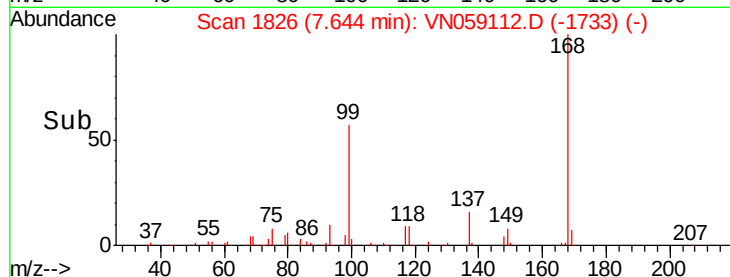
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 1.055 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059112.D

Acq: 7 Nov 2019 11:22

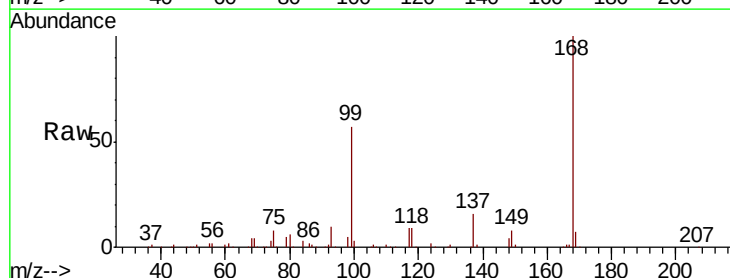
Tgt Ion: 56 Resp: 9306

Ion Ratio Lower Upper

56 100

69 169.8 25.8 38.8#

84 136.1 65.0 97.4#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

10000

8000

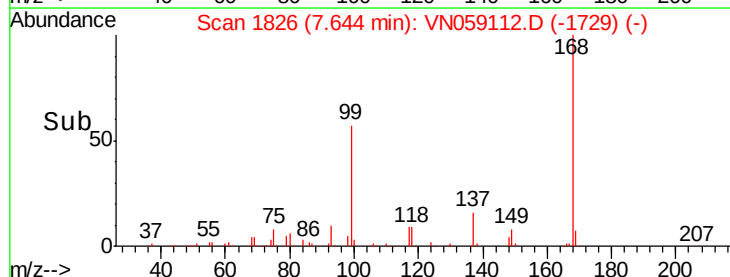
6000

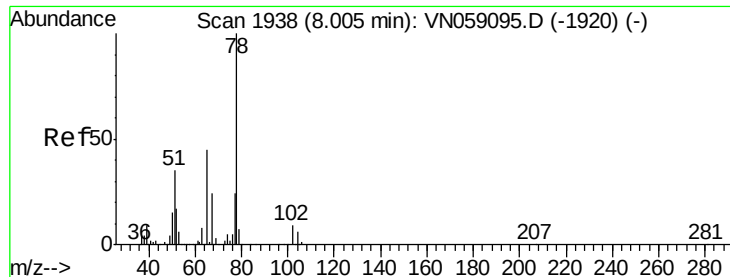
4000

2000

0

Time-->

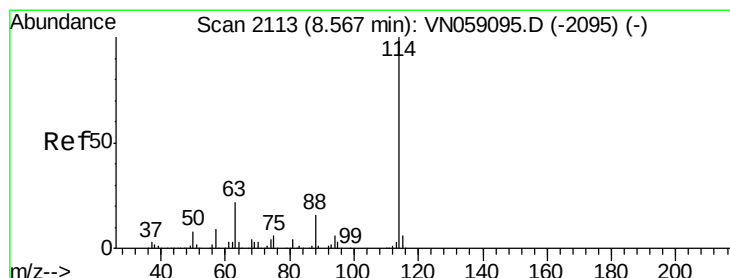
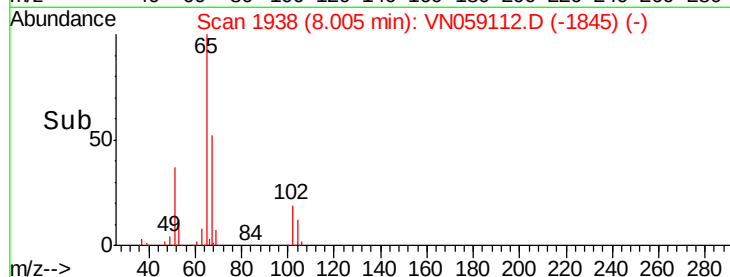
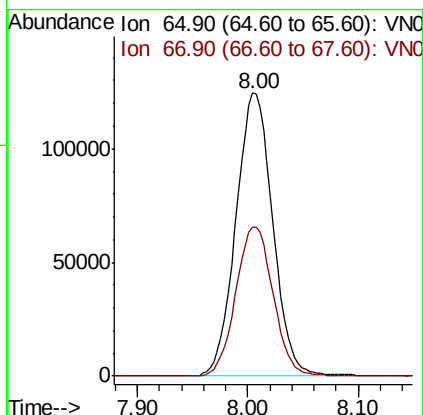
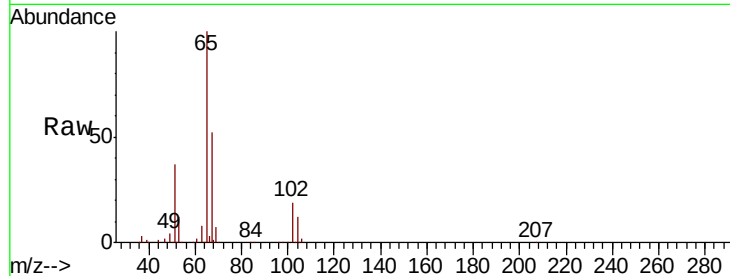




#33
 1,2-Dichloroethane-d4
 Concen: 50.951 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059112.D
 Acq: 7 Nov 2019 11:22

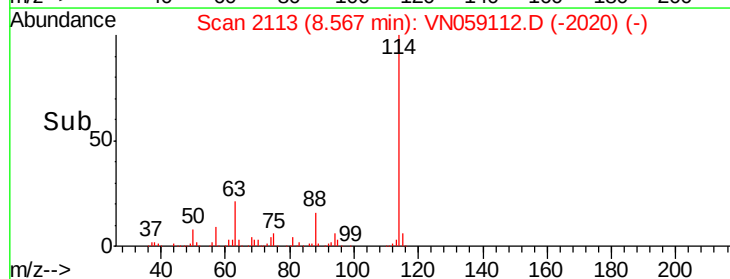
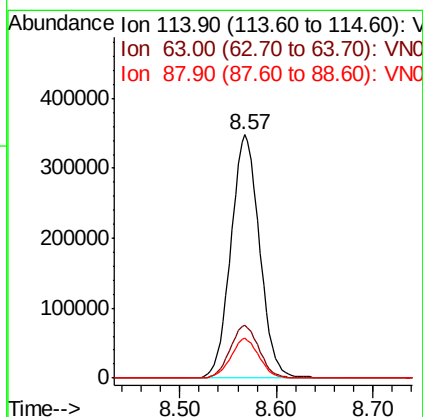
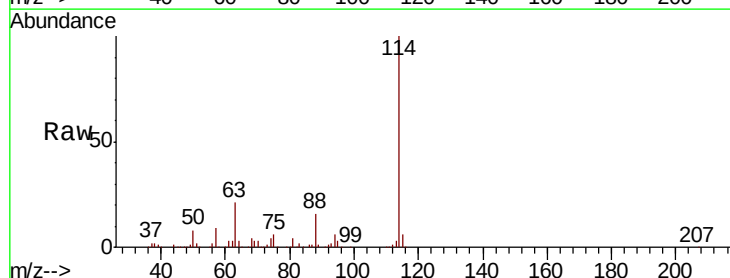
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBL02

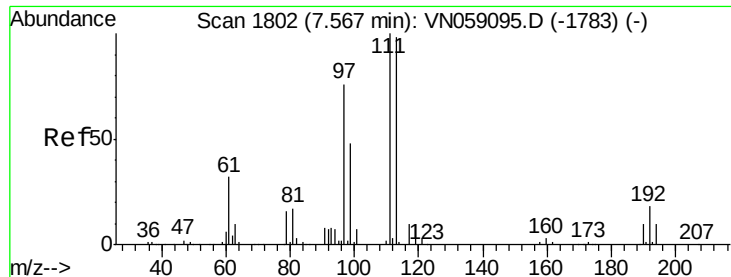
Tot Ion: 65 Resp: 288733
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059112.D
 Acq: 7 Nov 2019 11:22

Tgt Ion: 114 Resp: 716325
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 16.2 0.0 32.2

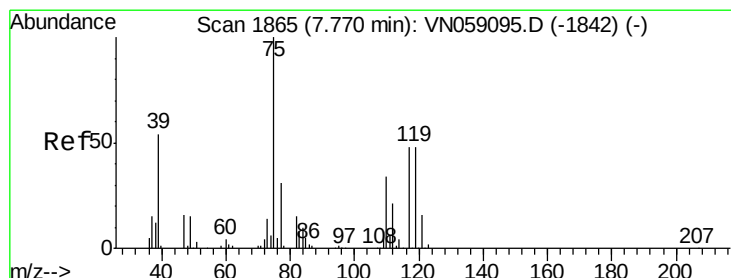
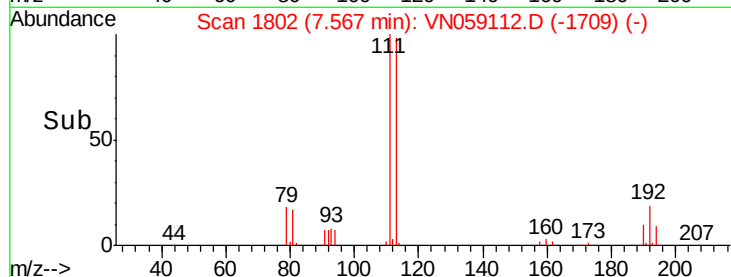
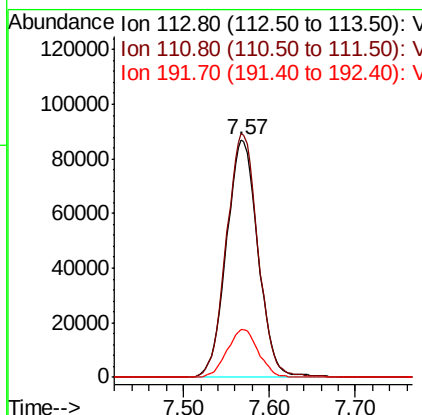
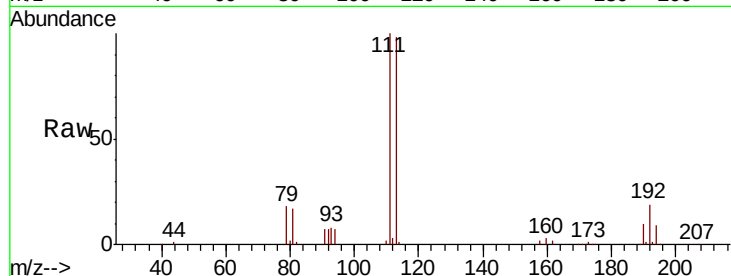




#35
Dibromofluoromethane
Concen: 51.705 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059112.D
Acq: 7 Nov 2019 11:22

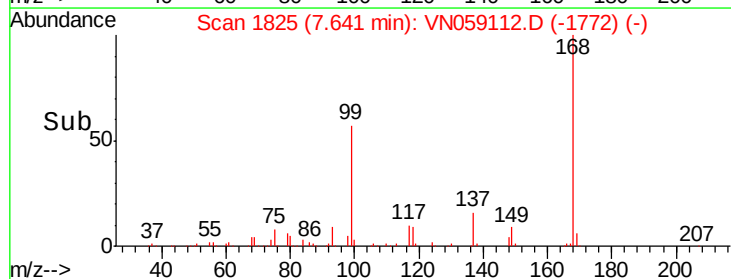
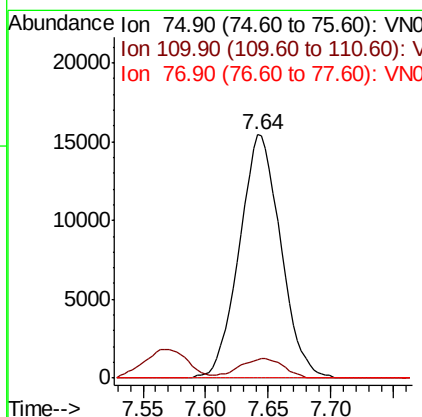
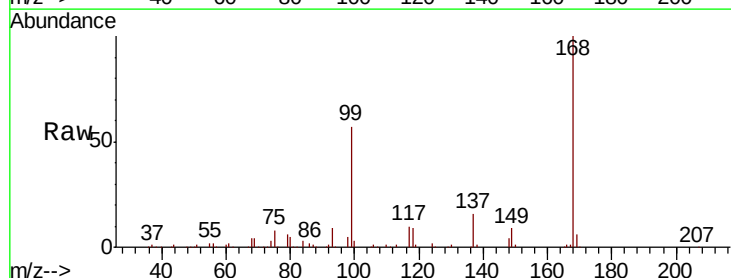
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL02

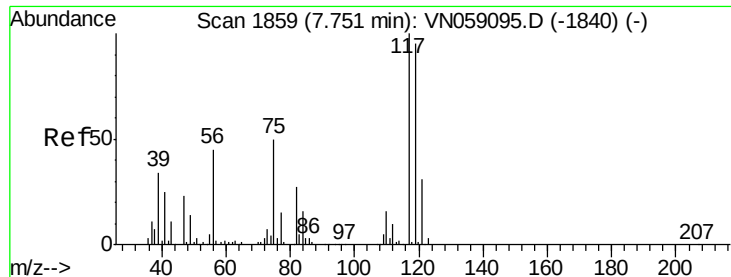
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	20.0	16.1	24.1



#36
1,1-Dichloropropene
Concen: 5.296 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN059112.D
Acq: 7 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.1	51.2#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.624 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059112.D

Acq: 7 Nov 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBL02

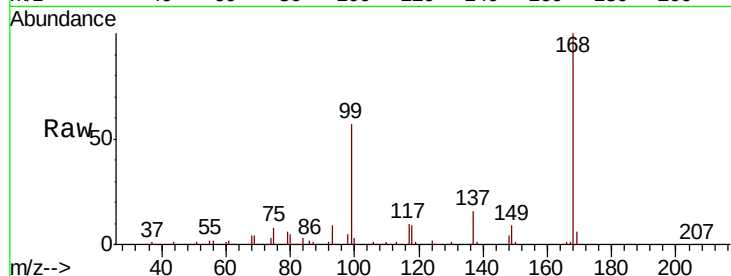
Tot Ion:117 Resp: 44145

Ion Ratio Lower Upper

117 100

119 5.5 75.6 113.4#

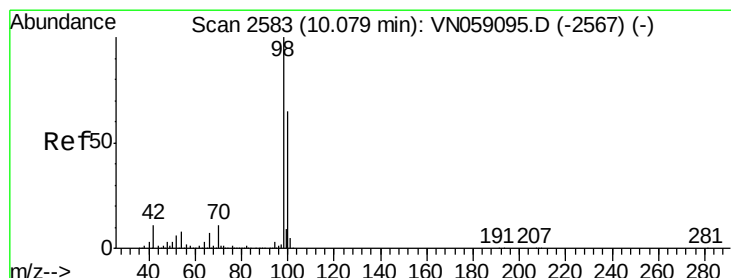
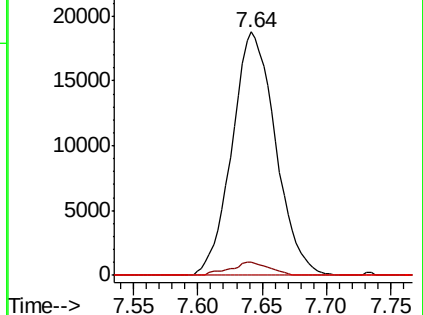
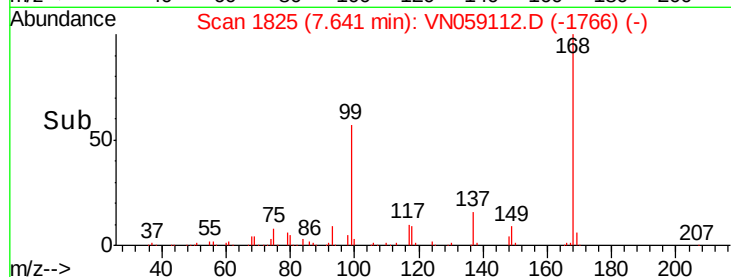
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.204 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059112.D

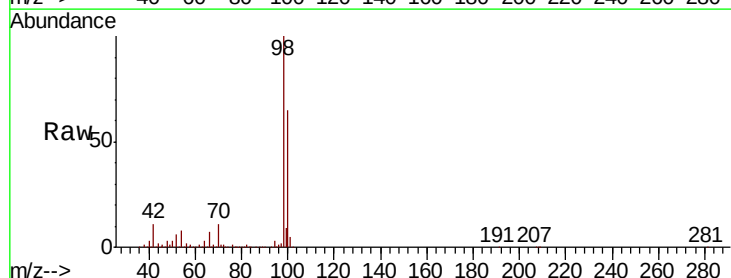
Acq: 7 Nov 2019 11:22

Tgt Ion: 98 Resp: 862644

Ion Ratio Lower Upper

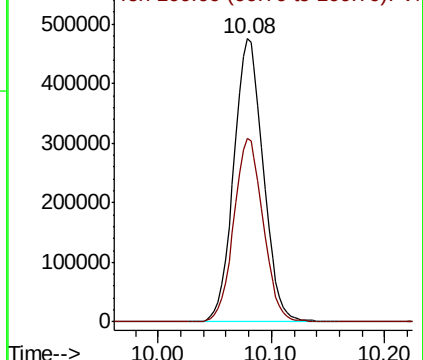
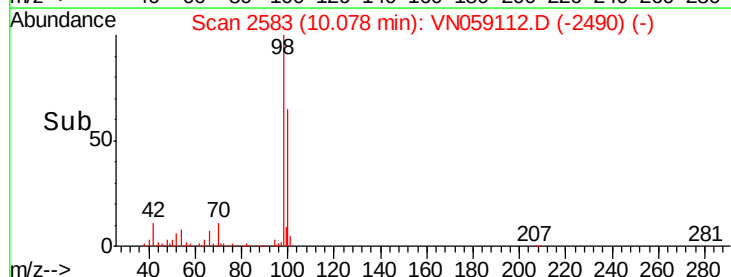
98 100

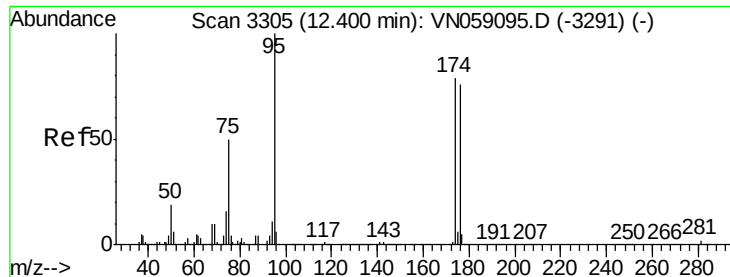
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

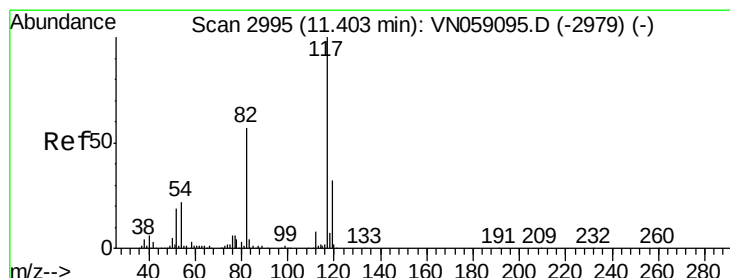
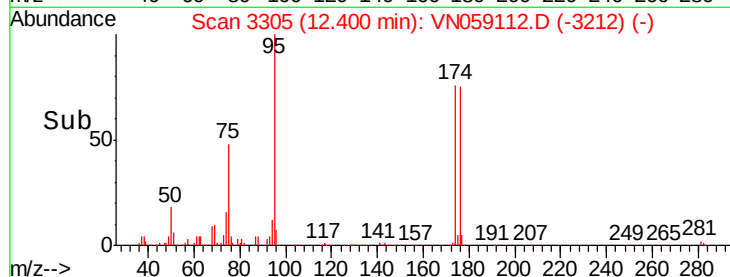
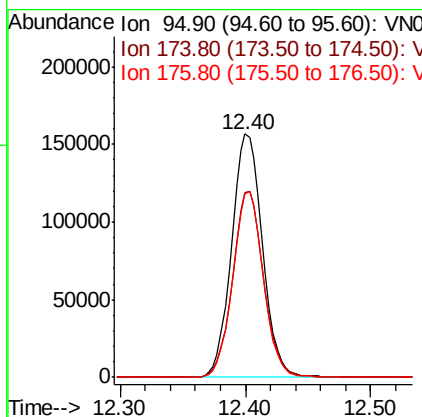
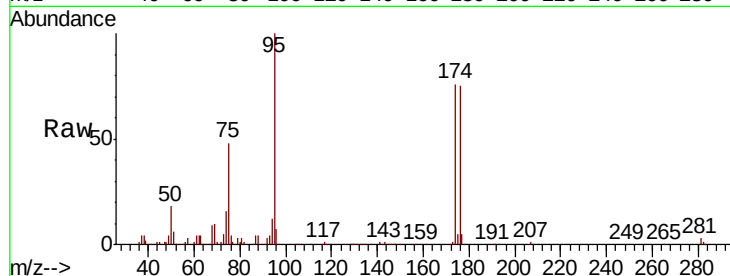




#62
4-Bromofluorobenzene
Concen: 43.995 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059112.D
Acq: 7 Nov 2019 11:22

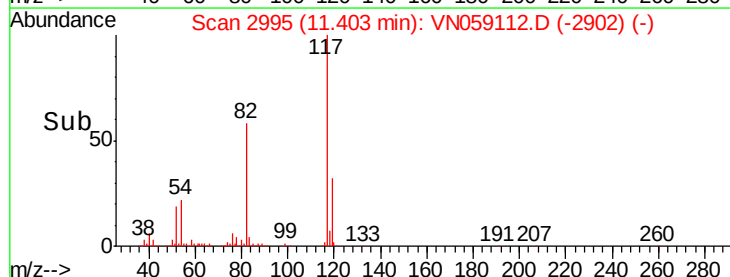
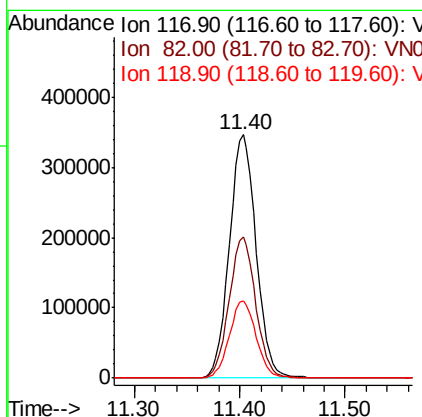
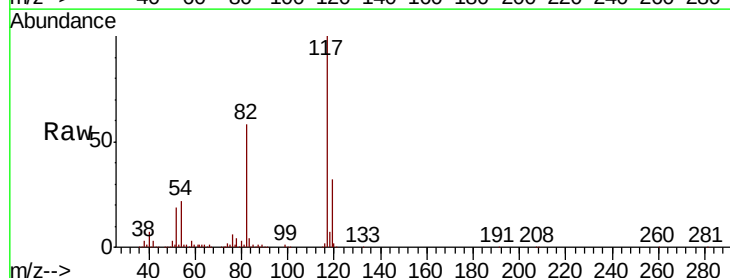
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL02

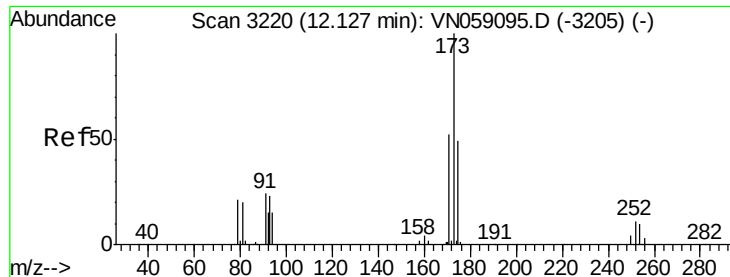
Tot Ion	95	Resp	267247
Ion Ratio	Lower	Upper	
95	100		
174	76.6	0.0	158.2
176	75.4	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059112.D
Acq: 7 Nov 2019 11:22

Tgt Ion	117	Resp	607942
Ion Ratio	Lower	Upper	
117	100		
82	58.1	45.8	68.8
119	31.7	25.8	38.6





#71

Bromoform

Concen: 0.457 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059112.D

Acq: 7 Nov 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBL02

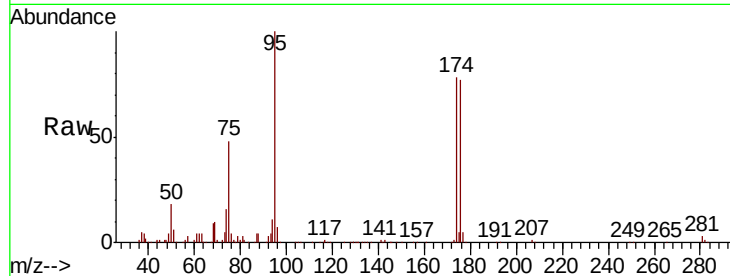
Tot Ion:173 Resp: 1580

Ion Ratio Lower Upper

173 100

175 798.2 24.2 72.6#

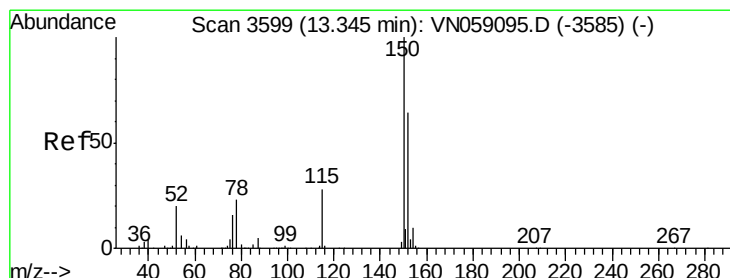
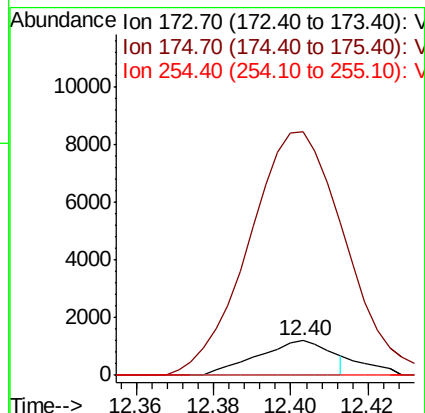
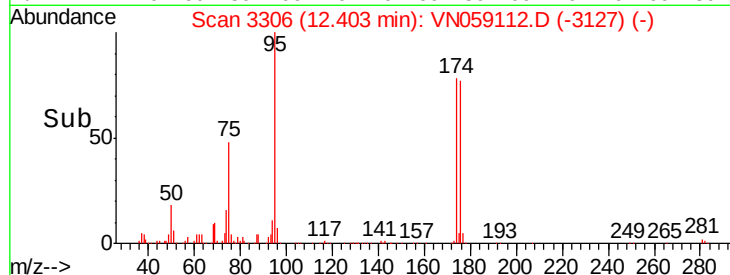
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059112.D

Acq: 7 Nov 2019 11:22

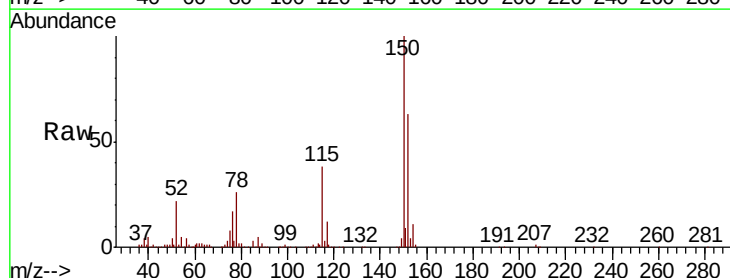
Tgt Ion:152 Resp: 207000

Ion Ratio Lower Upper

152 100

115 59.9 29.4 88.2

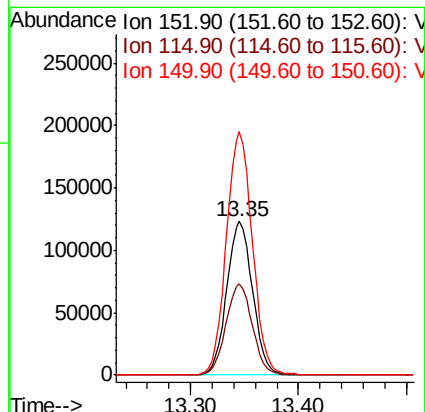
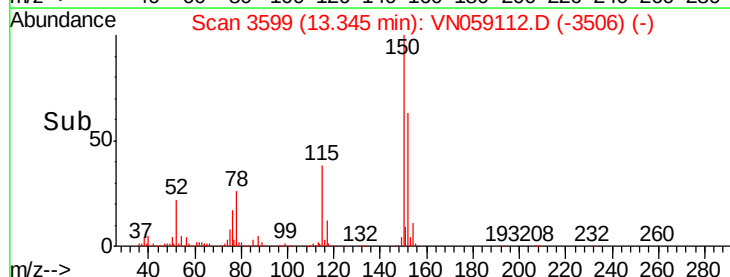
150 158.8 0.0 345.8

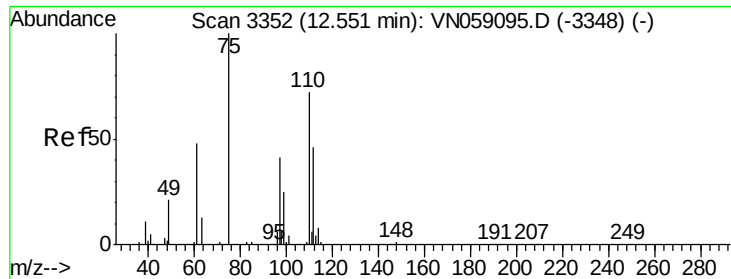


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.119 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059112.D

Acq: 7 Nov 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

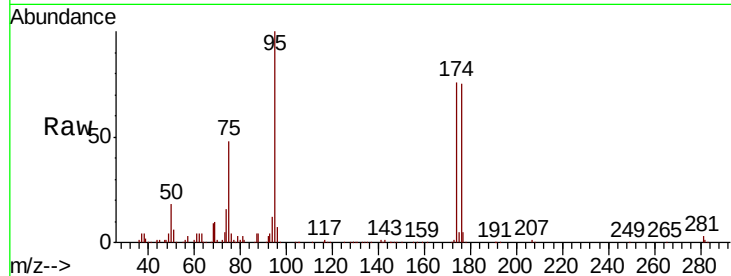
VN1107WBL02

Tot Ion: 75 Resp: 132515

Ion Ratio Lower Upper

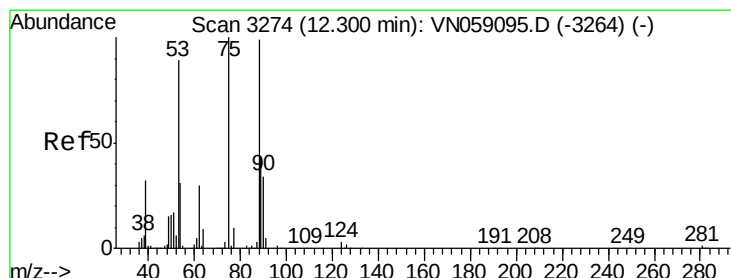
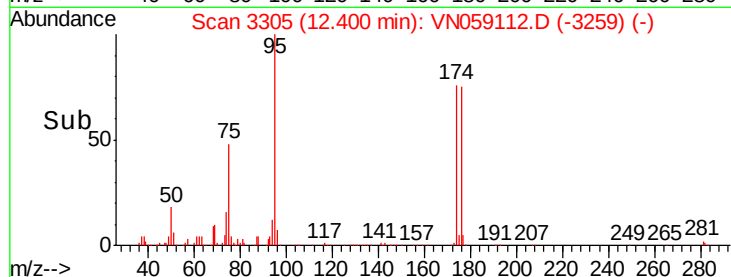
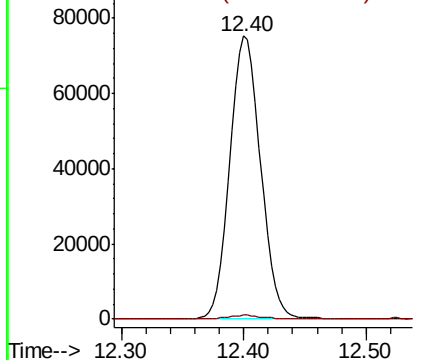
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 74.269 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059112.D

Acq: 7 Nov 2019 11:22

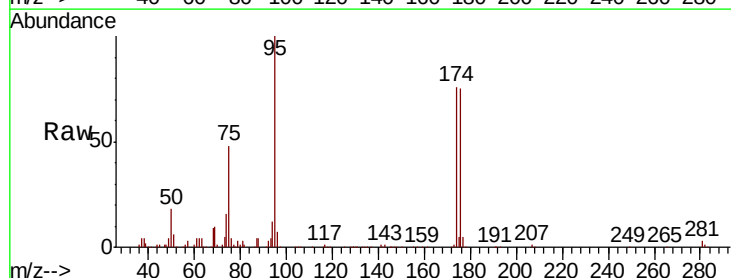
Tgt Ion: 75 Resp: 132515

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

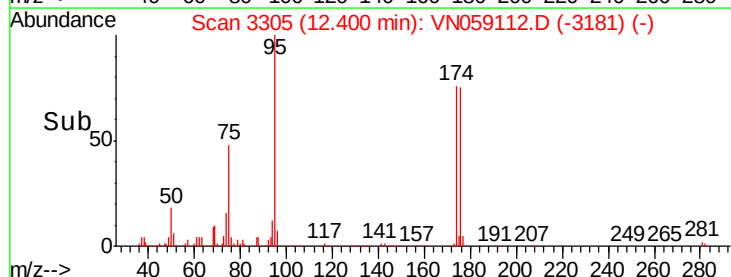
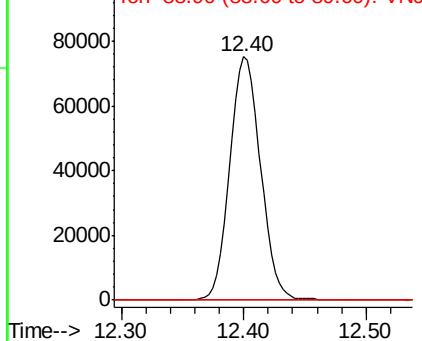
89 0.0 35.8 53.8#

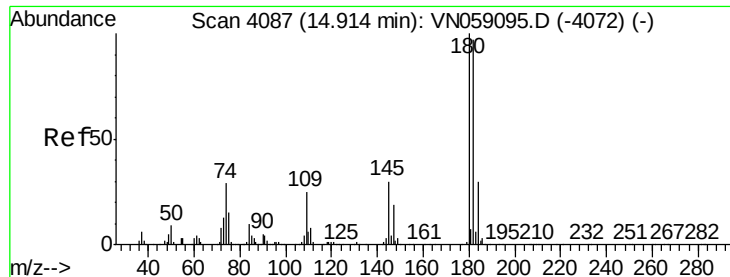


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

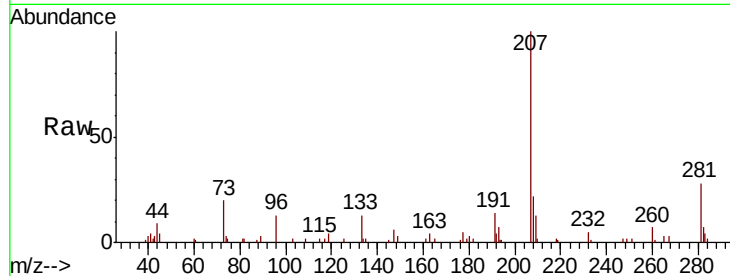




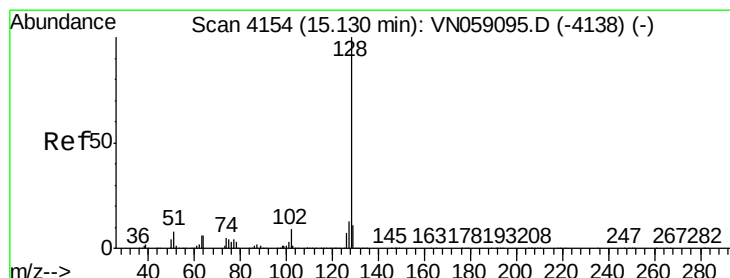
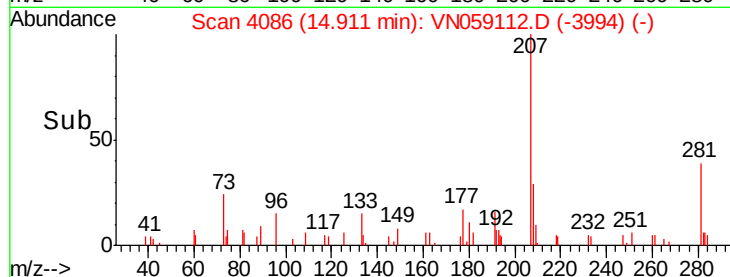
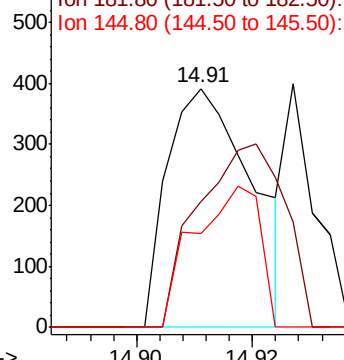
#93
 1,2,4-Trichlorobenzene
 Concen: 3.143 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059112.D
 Acq: 7 Nov 2019 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBL02

Tot Ion:180 Resp: 396
 Ion Ratio Lower Upper
 180 100
 182 79.0 48.1 144.3
 145 46.0 15.1 45.3#

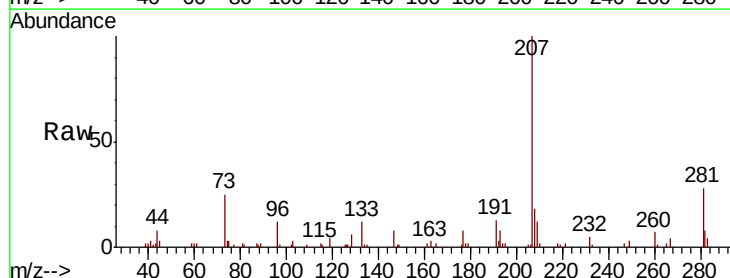


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 3.188 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN059112.D
 Acq: 7 Nov 2019 11:22

Tgt Ion:128 Resp: 1631
 Ion Ratio Lower Upper
 128 100
 127 5.8 10.2 15.2#
 129 2.1 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

