

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059151.D
 Acq On : 11 Nov 2019 11:34
 Operator : JC/SP
 Sample : K5775-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 12 00:40:03 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

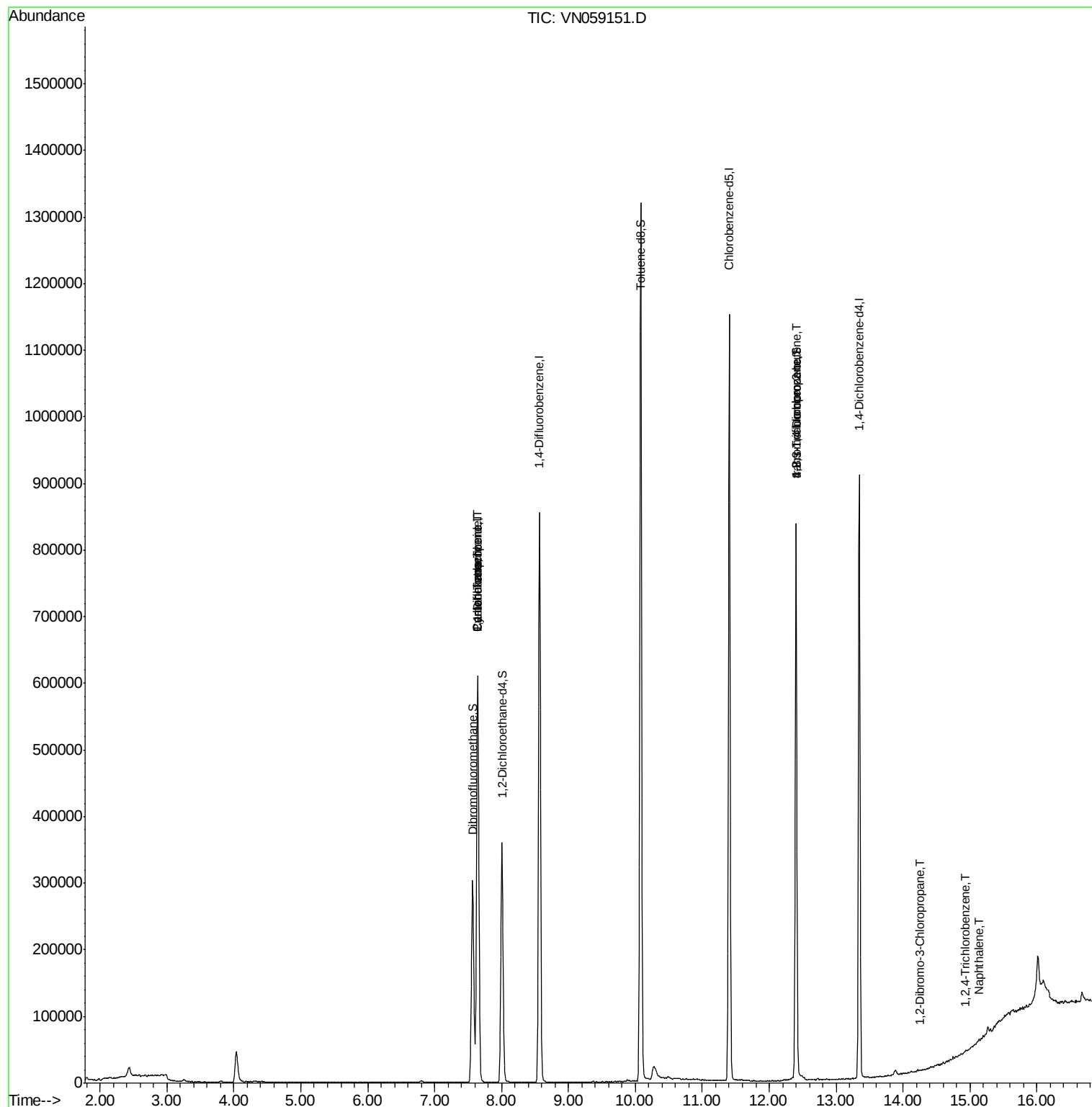
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	492127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	772950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	664478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	242329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	310866	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.57	113	234616	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.08	98	933247	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.40	95	297871	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.65	56	10489	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	38396	5.314	ug/l #	50
38) Carbon Tetrachloride	7.64	117	46796	6.508	ug/l #	17
76) 1,2,3-Trichloropropane	12.40	75	150750	27.325	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	150750	72.172	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	293	0.271	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	89	3.065	ug/l #	12
95) Naphthalene	15.13	128	670	3.095	ug/l #	70

(#) = 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: VN059151.D

Acq: 11 Nov 2019 11:34

Instrument :

MSVOA_N

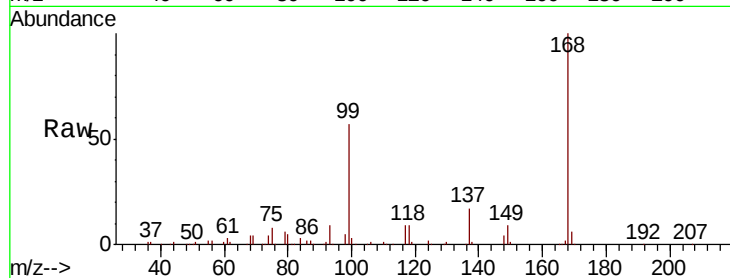
ClientSampled :

Tot Ion:168 Resp: 492127

Ion Ratio Lower Upper

168 100

99 56.7 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

250000

200000

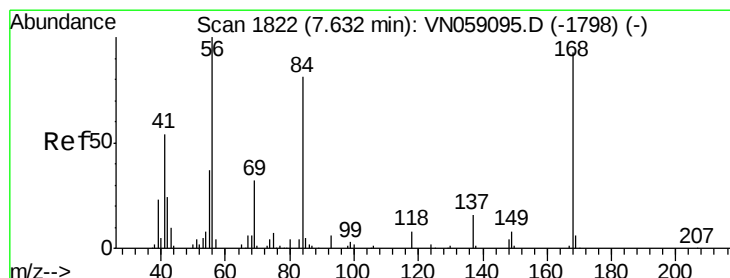
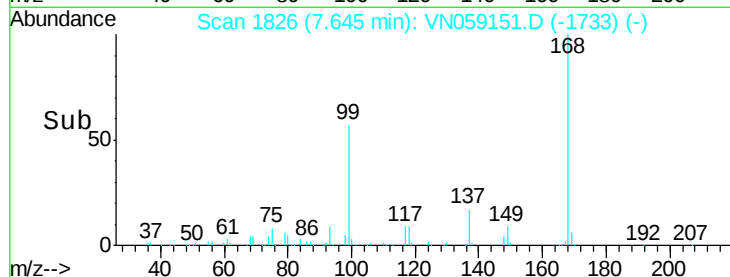
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#31

Cyclohexane

Concen: 1.114 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.02 min

Lab File: VN059151.D

Acq: 11 Nov 2019 11:34

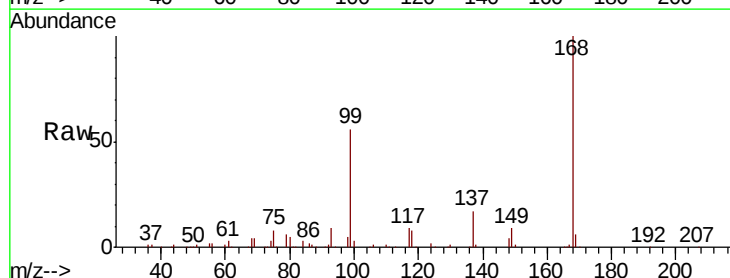
Tgt Ion: 56 Resp: 10489

Ion Ratio Lower Upper

56 100

69 168.0 25.8 38.8#

84 126.4 65.0 97.4#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

10000

8000

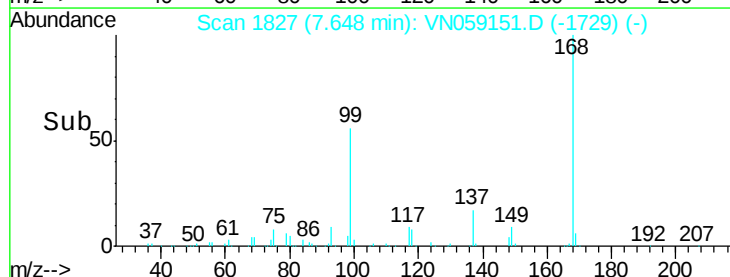
6000

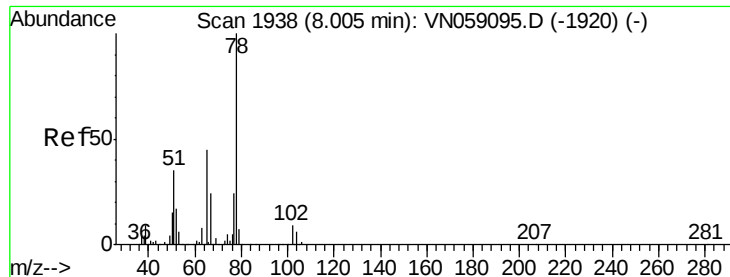
4000

2000

0

Time--> 7.55 7.60 7.65 7.70

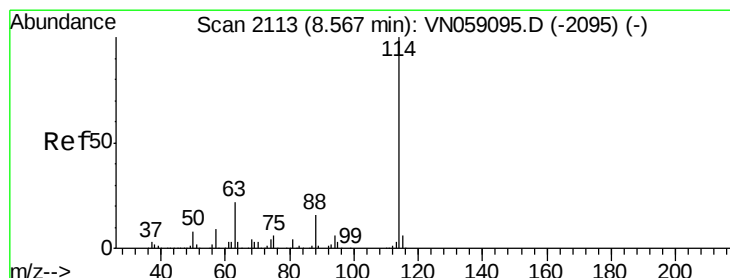
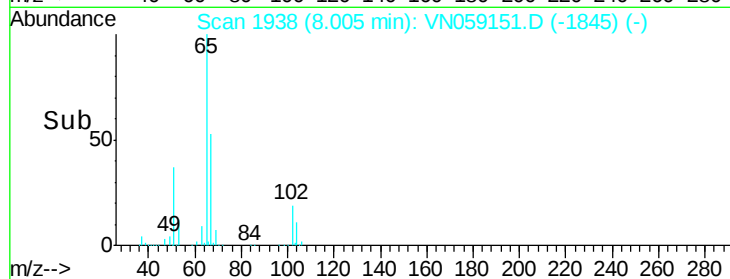
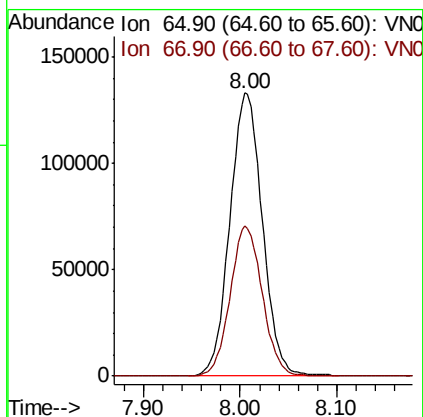
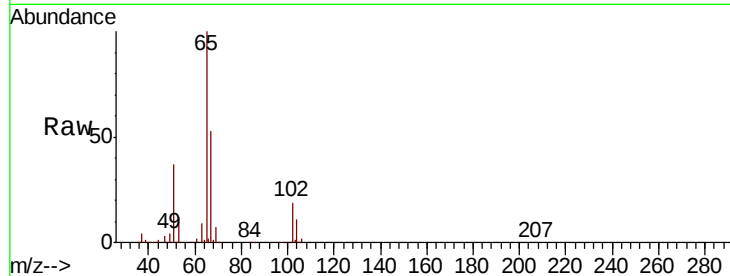




#33
 1,2-Dichloroethane-d4
 Concen: 51.387 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059151.D
 Acq: 11 Nov 2019 11:34

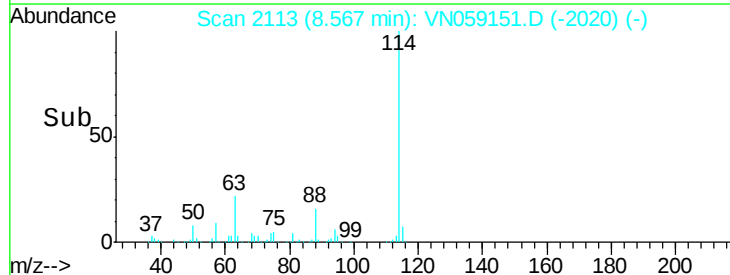
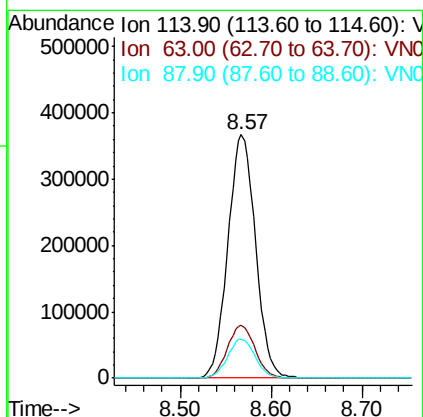
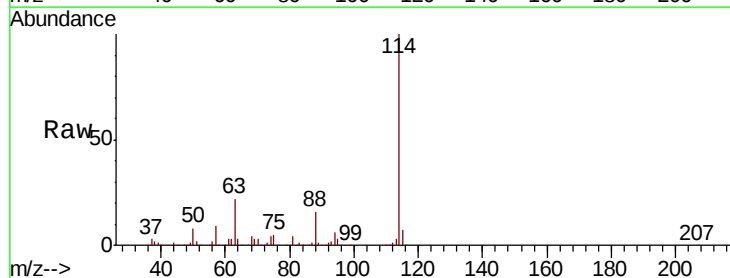
Instrument :
 MSVOA_N
 ClientSampled :

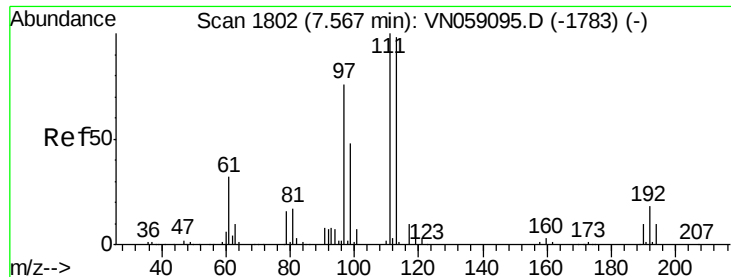
Tot Ion: 65 Resp: 310866
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059151.D
 Acq: 11 Nov 2019 11:34

Tgt Ion: 114 Resp: 772950
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.4
 88 16.1 0.0 32.2

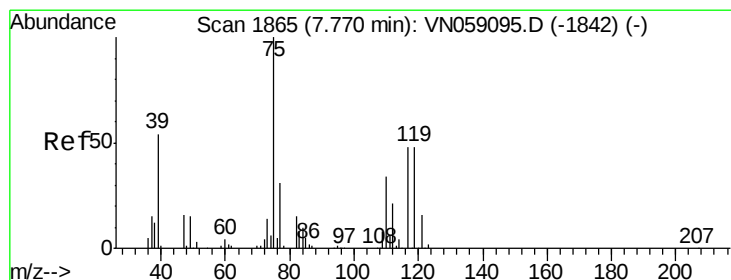
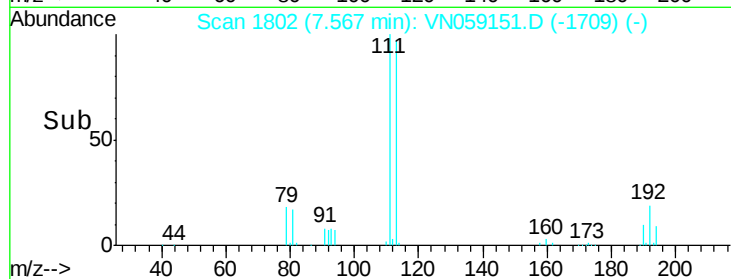
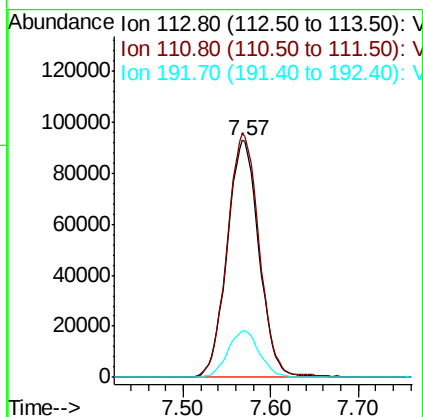
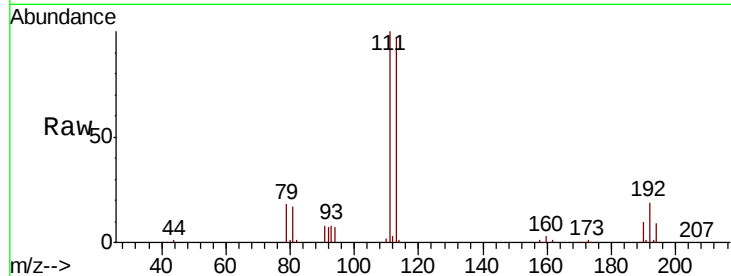




#35
 Dibromofluoromethane
 Concen: 50.835 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059151.D
 Acq: 11 Nov 2019 11:34

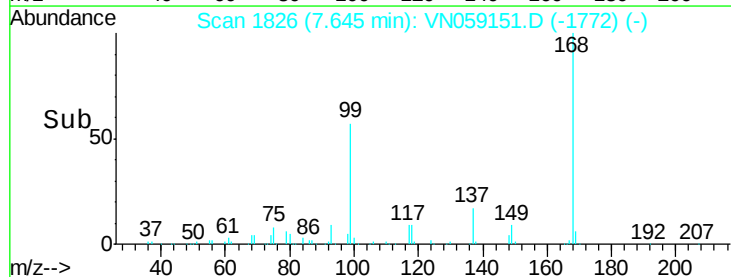
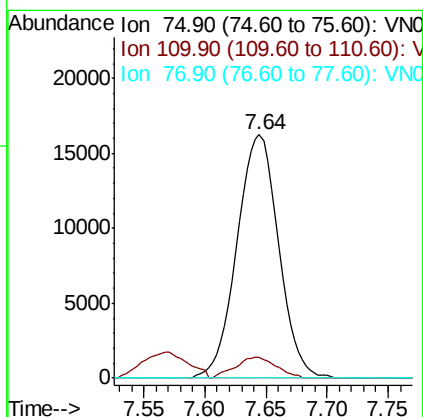
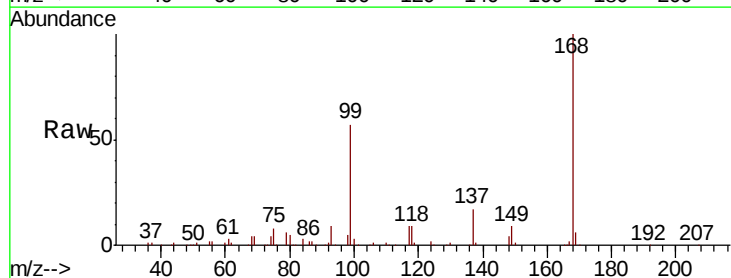
Instrument :
 MSVOA_N
 ClientSampleId :

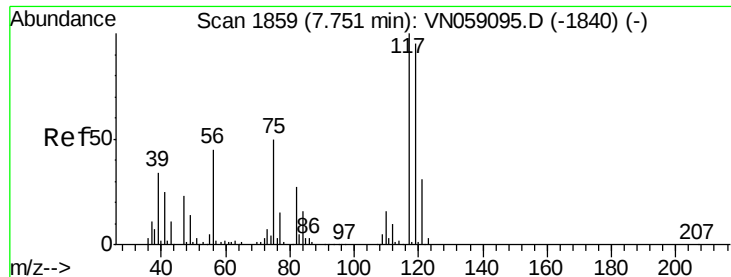
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.8	124.2
192	19.5	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 5.314 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059151.D
 Acq: 11 Nov 2019 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.1	51.2#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.508 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059151.D

Acq: 11 Nov 2019 11:34

Instrument :
MSVOA_N
ClientSampled :

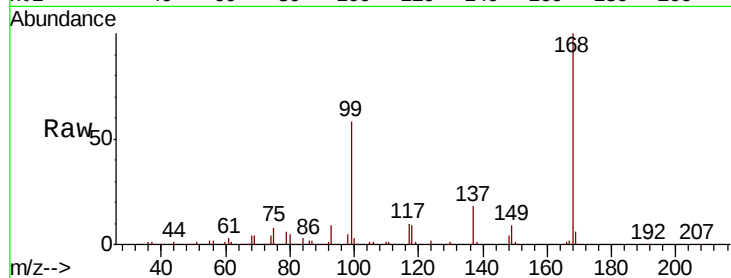
Tot Ion:117 Resp: 46796

Ion Ratio Lower Upper

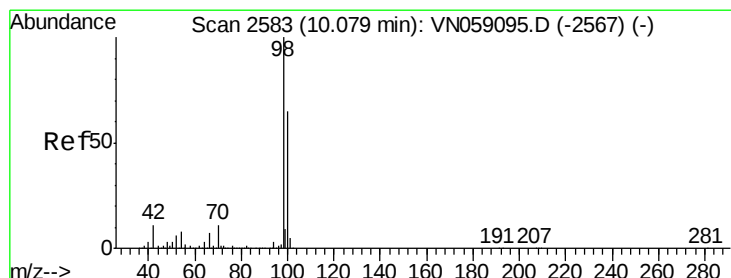
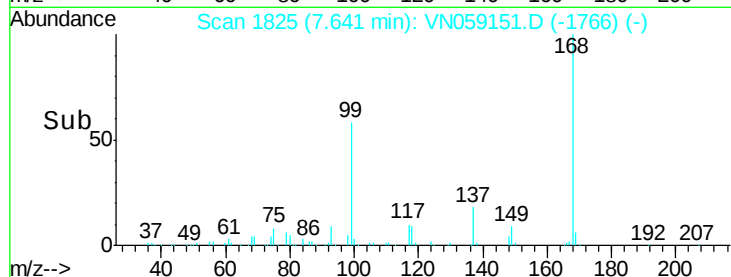
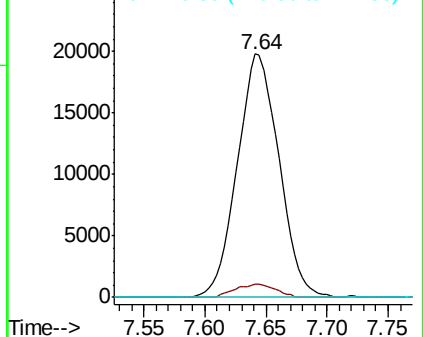
117 100

119 5.3 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: 51.336 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059151.D

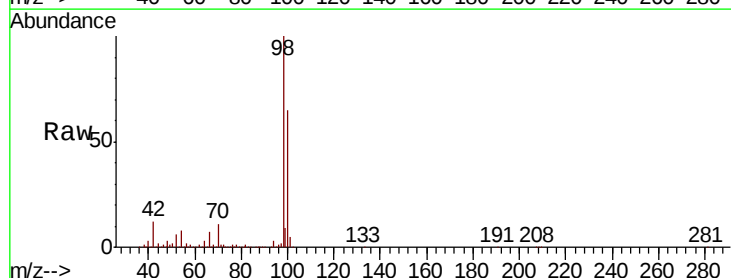
Acq: 11 Nov 2019 11:34

Tgt Ion: 98 Resp: 933247

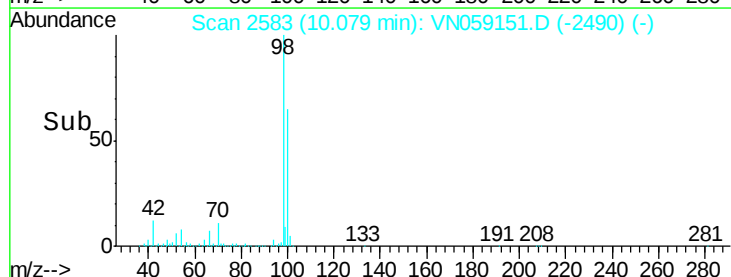
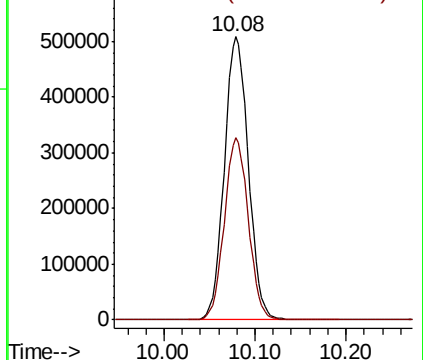
Ion Ratio Lower Upper

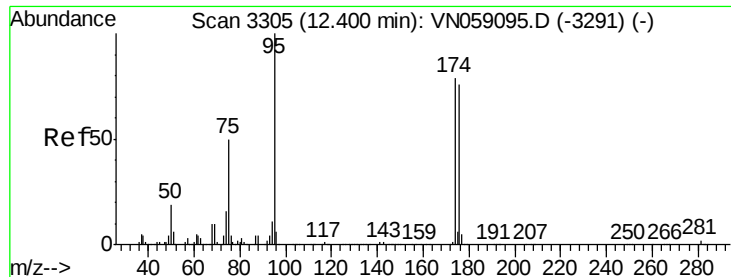
98 100

100 64.2 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: 45.444 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059151.D

Acq: 11 Nov 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

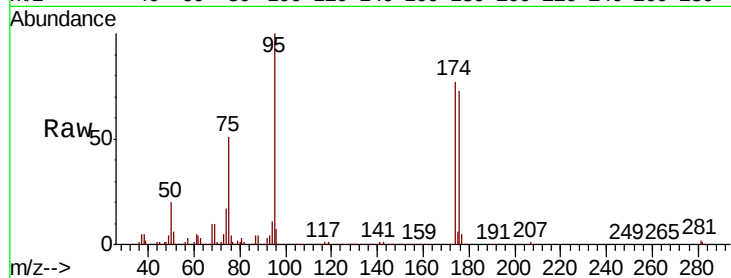
Tot Ion: 95 Resp: 297871

Ion Ratio Lower Upper

95 100

174 76.8 0.0 158.2

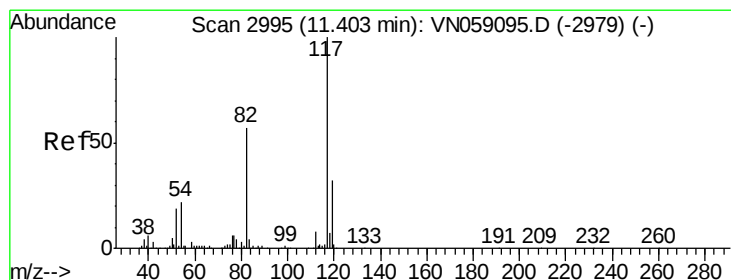
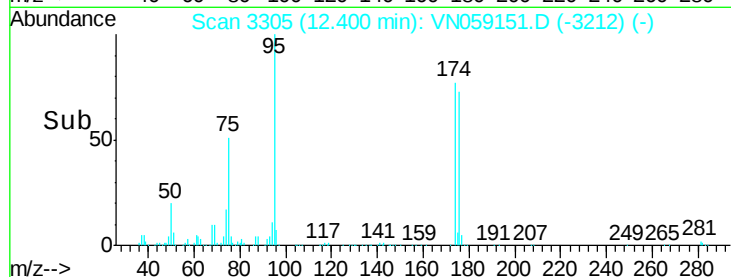
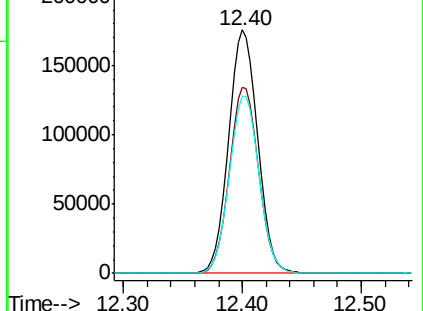
176 74.6 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059151.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059151.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059151.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059151.D

Acq: 11 Nov 2019 11:34

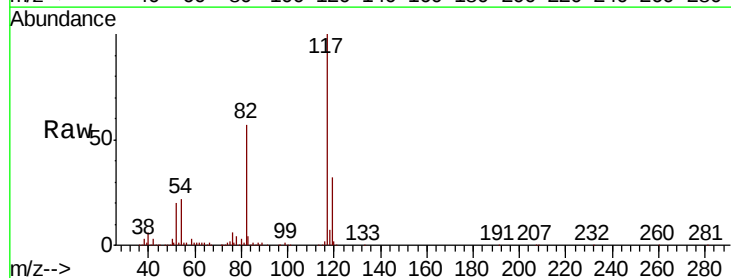
Tgt Ion: 117 Resp: 664478

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.8

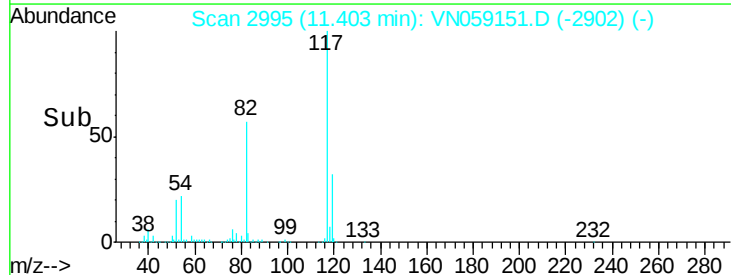
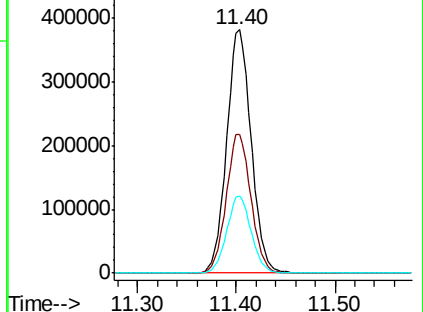
119 31.8 25.8 38.6

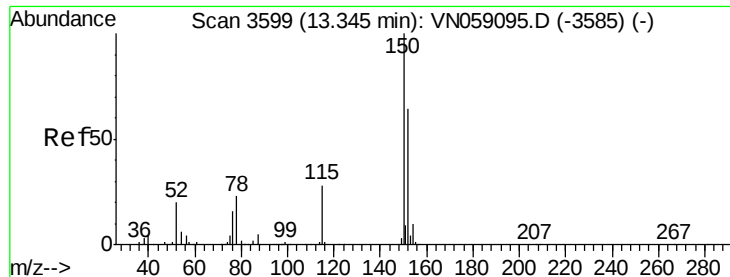


Abundance Ion 116.90 (116.60 to 117.60): VN059151.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059151.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059151.D (-2902) (-)



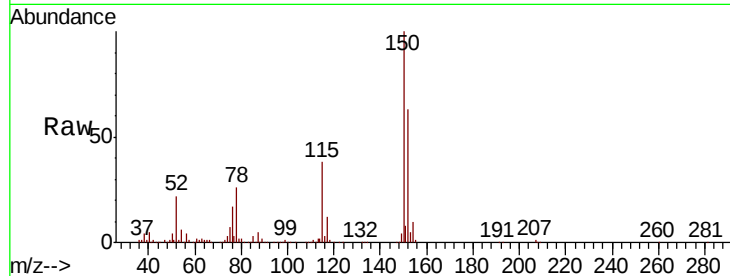


#72

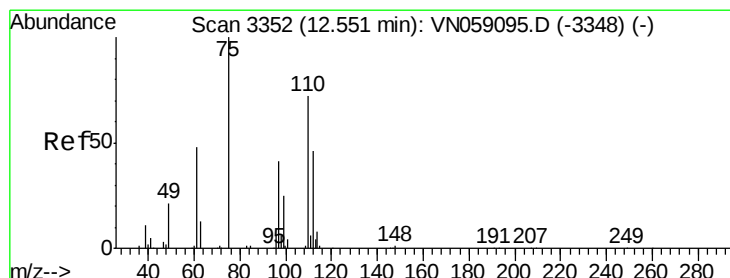
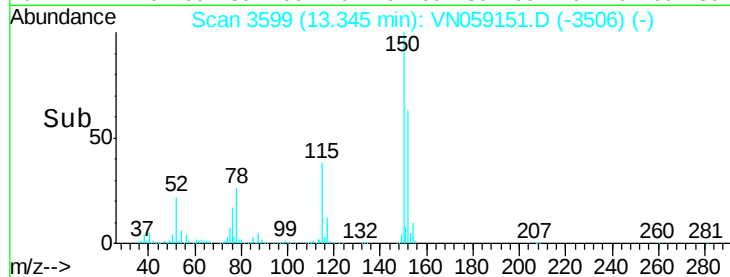
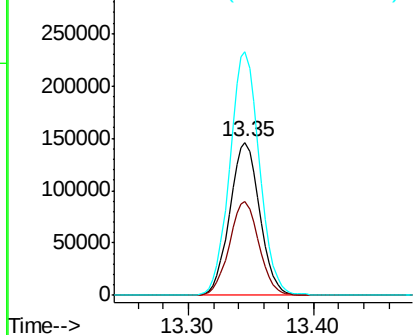
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059151.D
Acq: 11 Nov 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.4	88.2
150	157.7	0.0	345.8



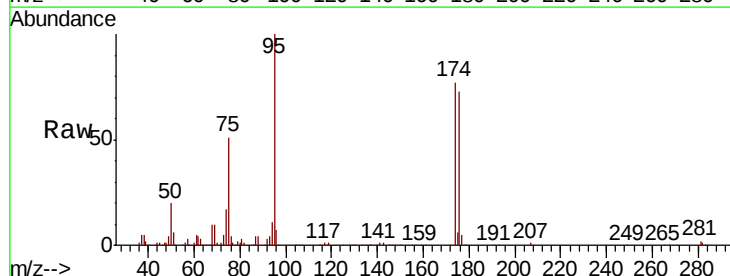
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



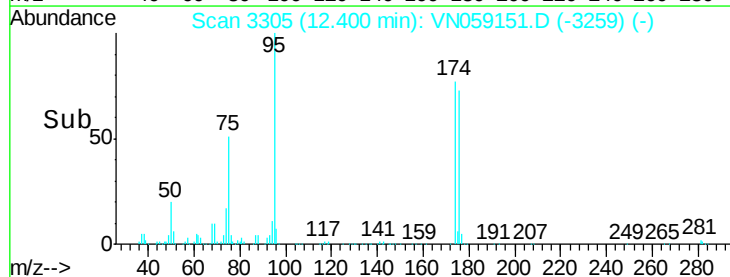
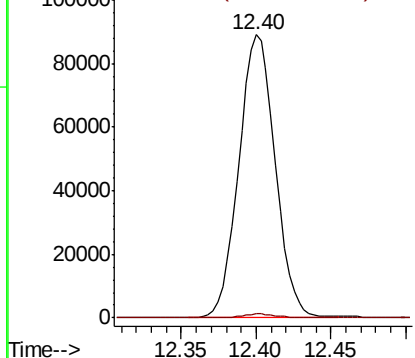
#76

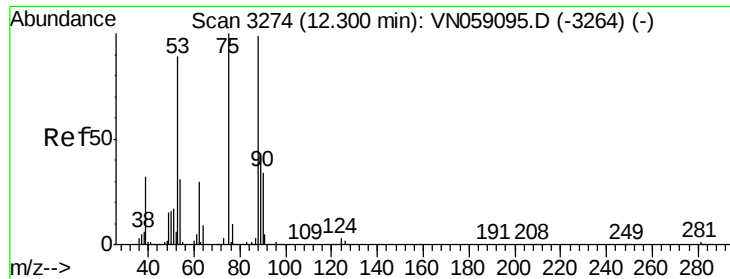
1,2,3-Trichloropropane
Concen: 27.325 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN059151.D
Acq: 11 Nov 2019 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 72.172 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059151.D

Acq: 11 Nov 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

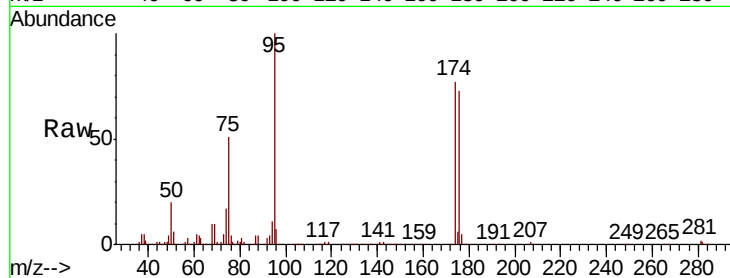
Tot Ion: 75 Resp: 150750

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

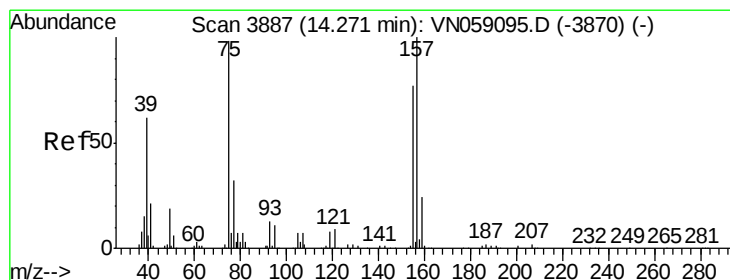
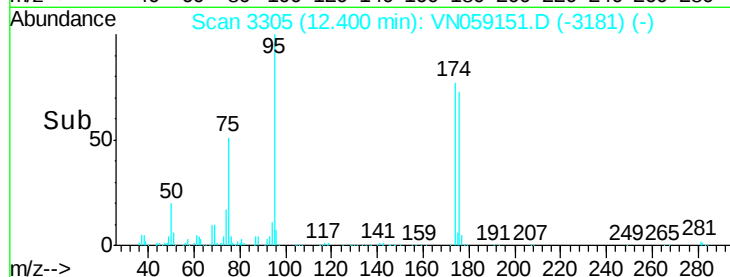
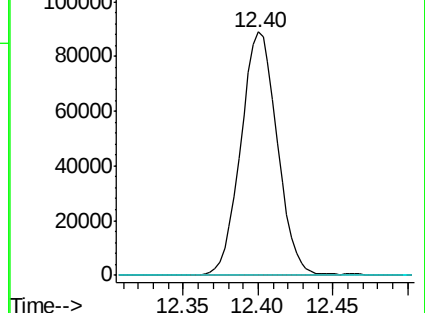
89 0.0 35.8 53.8#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.271 ug/l

RT: 14.26 min Scan# 3882

Delta R.T. -0.02 min

Lab File: VN059151.D

Acq: 11 Nov 2019 11:34

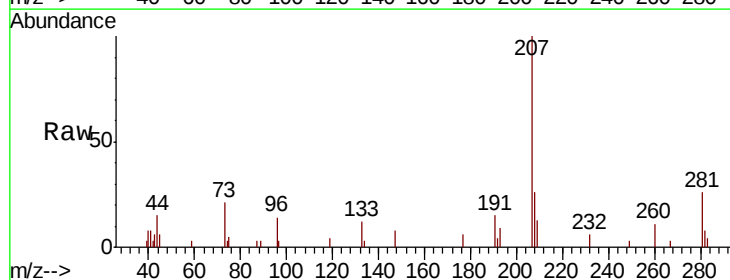
Tgt Ion: 75 Resp: 293

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

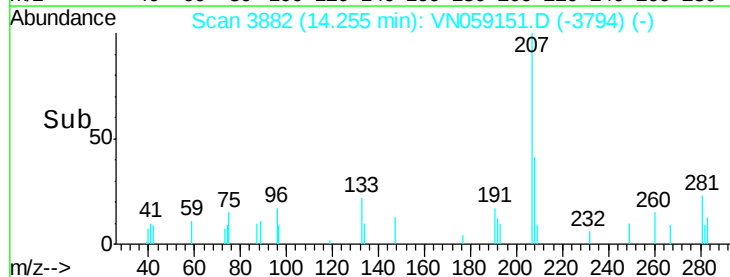
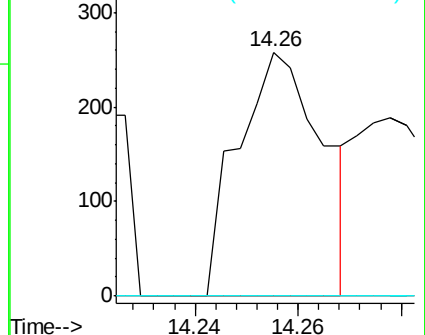
157 0.0 51.8 155.5#

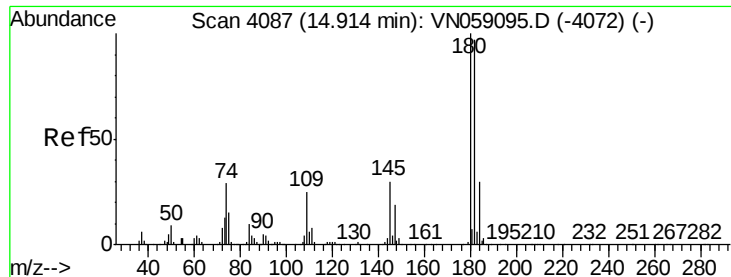


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

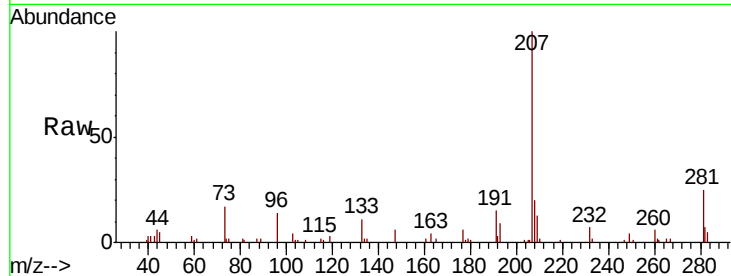




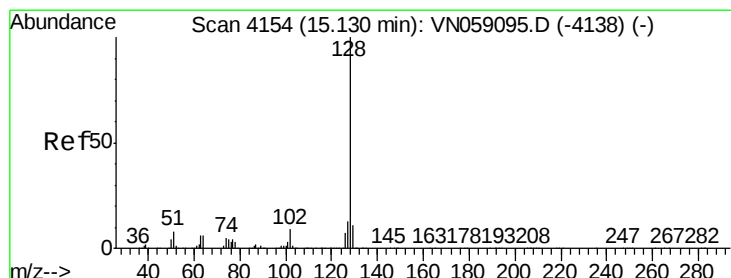
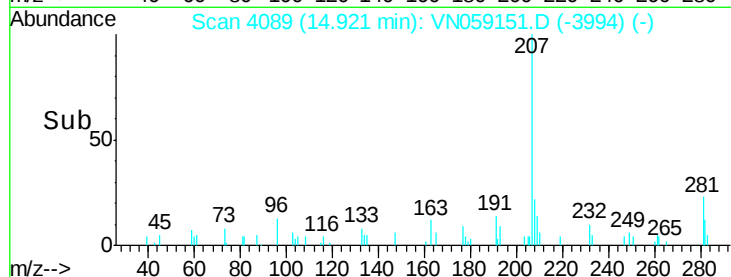
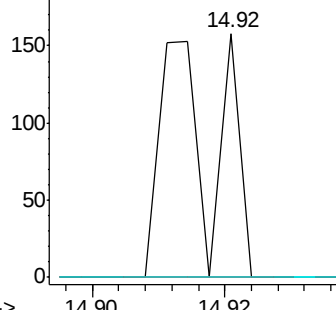
#93
 1,2,4-Trichlorobenzene
 Concen: 3.065 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN059151.D
 Acq: 11 Nov 2019 11:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.3#
145	0.0	15.1	45.3#

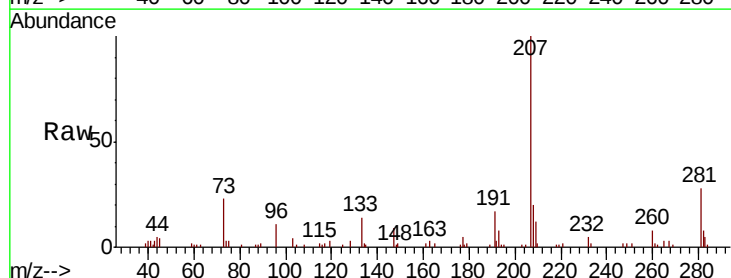


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 3.095 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059151.D
 Acq: 11 Nov 2019 11:34

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	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

