

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059150.D
 Acq On : 11 Nov 2019 11:12
 Operator : JC/SP
 Sample : K5775-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 12 00:39:51 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	519941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	809256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	703155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	249811	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	321381	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	7.57	113	245581	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.08	98	970704	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	307609	44.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.64%	

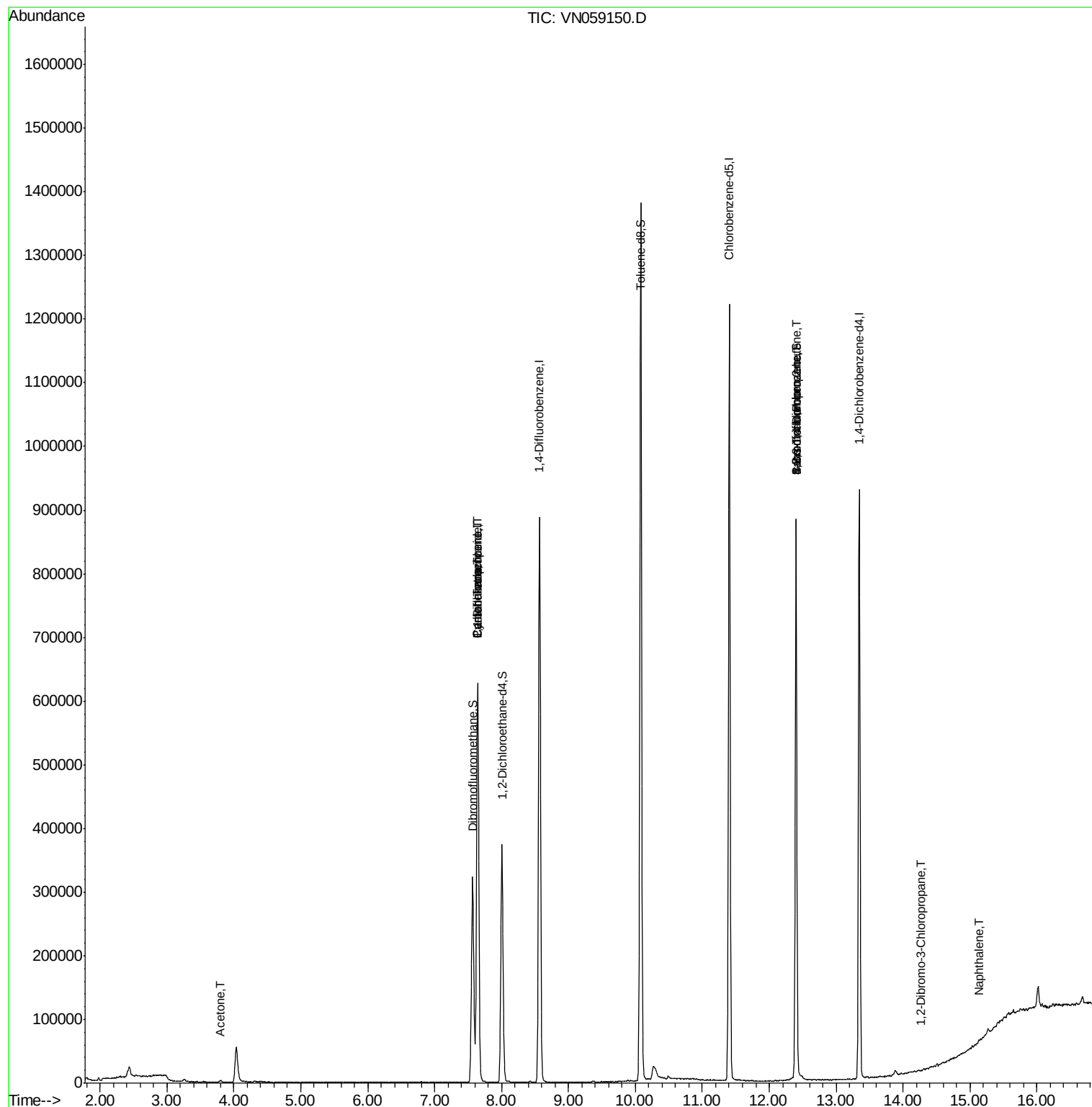
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	3480	1.047	ug/l #	88
31) Cyclohexane	7.64	56	11186	1.124	ug/l #	15
36) 1,1-Dichloropropene	7.64	75	39386	5.207	ug/l #	49
38) Carbon Tetrachloride	7.64	117	48984	6.506	ug/l #	17
71) Bromoform	12.40	173	1266	0.317	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	154601	27.183	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	154601	71.799	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.27	75	360	0.318	ug/l #	3
95) Naphthalene	15.13	128	738	3.098	ug/l #	70

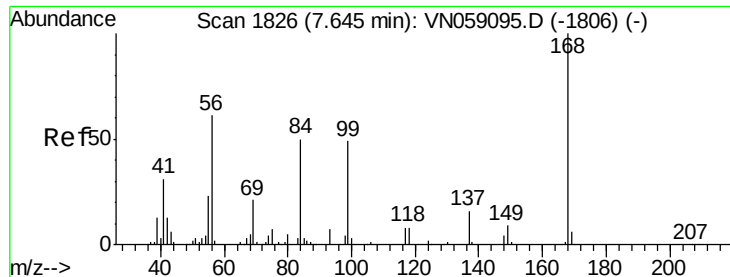
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059150.D

Acq: 11 Nov 2019 11:12

Instrument :

MSVOA_N

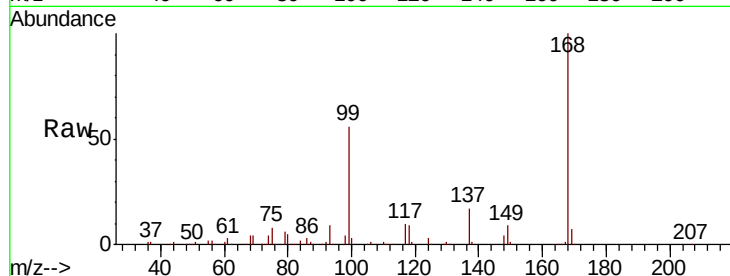
ClientSampleId :

Tot Ion:168 Resp: 519941

Ion Ratio Lower Upper

168 100

99 55.9 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

250000

200000

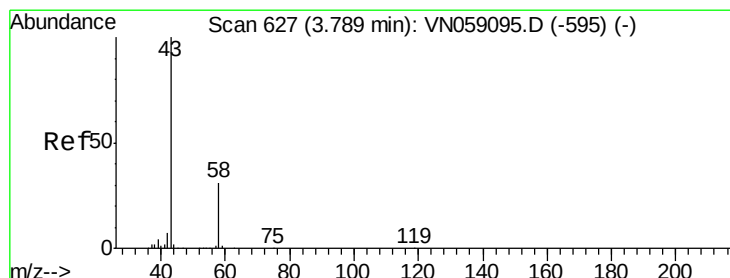
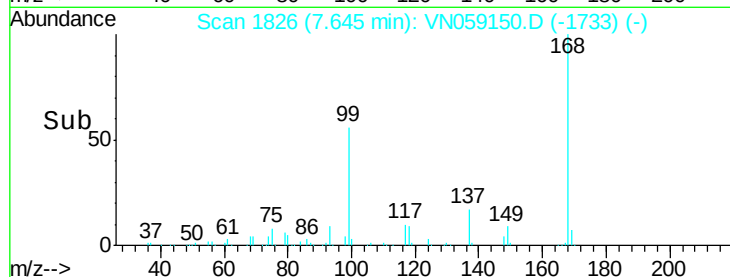
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 1.047 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059150.D

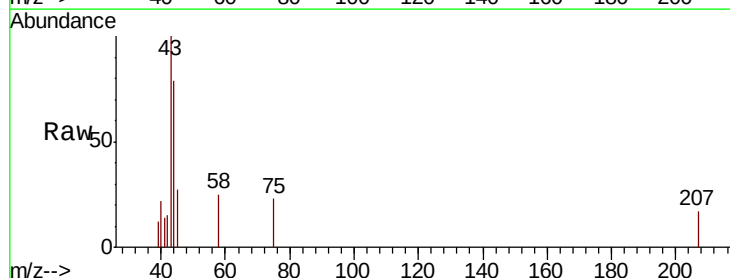
Acq: 11 Nov 2019 11:12

Tgt Ion: 43 Resp: 3480

Ion Ratio Lower Upper

43 100

58 24.6 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

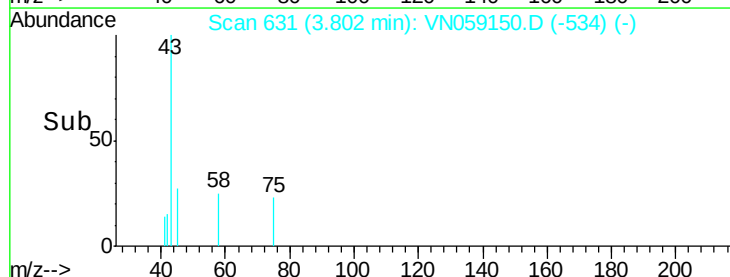
1500

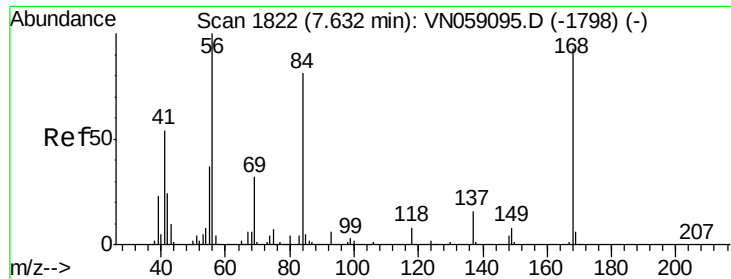
1000

500

0

Time--> 3.75 3.80 3.85

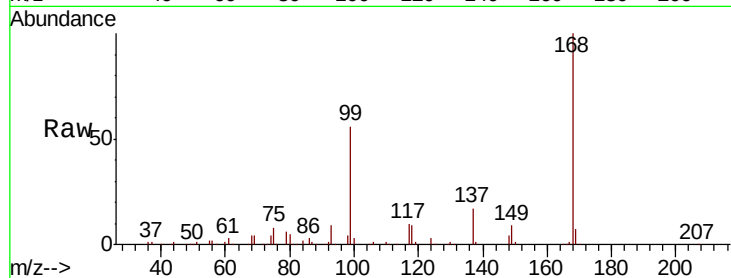




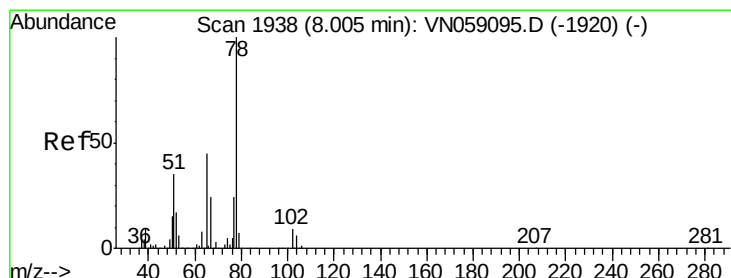
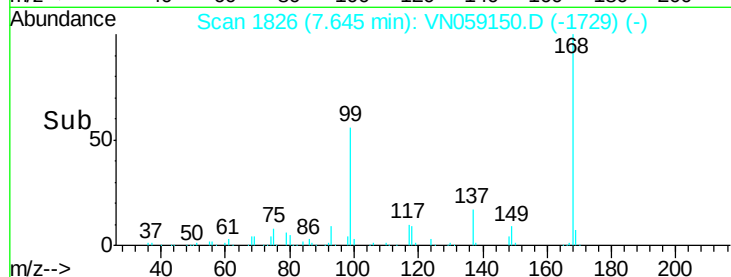
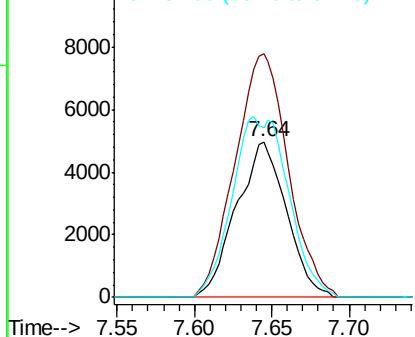
#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059150.D
Acq: 11 Nov 2019 11:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 11186
Ion Ratio Lower Upper
56 100
69 156.3 25.8 38.8#
84 108.7 65.0 97.4#

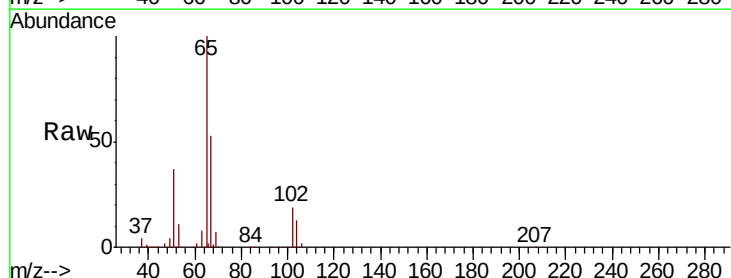


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

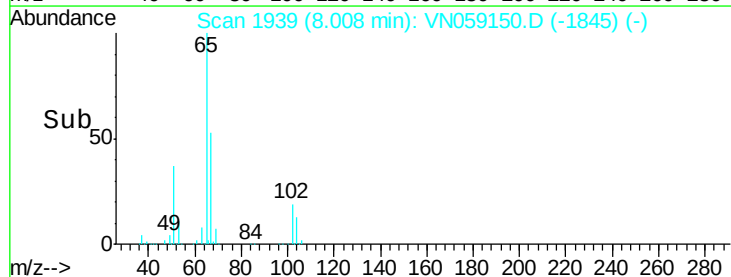
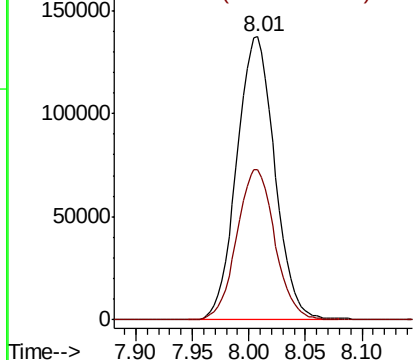


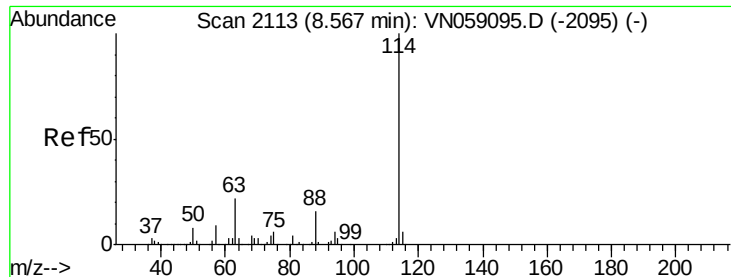
#33
1,2-Dichloroethane-d4
Concen: 50.283 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059150.D
Acq: 11 Nov 2019 11:12

Tgt Ion: 65 Resp: 321381
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

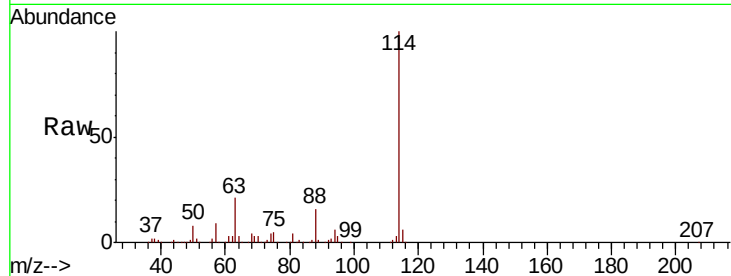




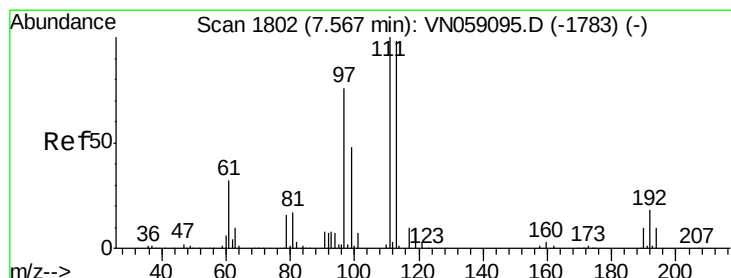
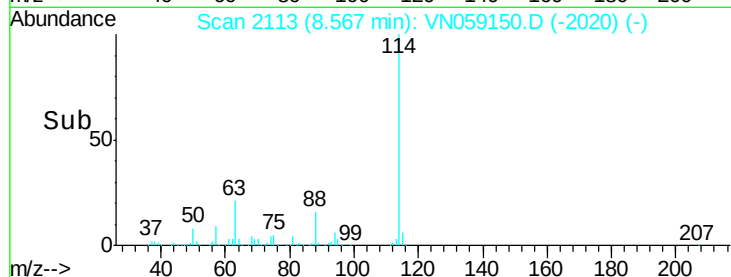
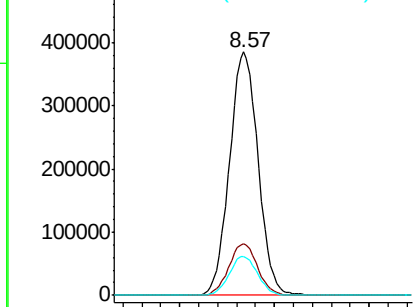
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059150.D
 Acq: 11 Nov 2019 11:12

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.4
88	15.9	0.0	32.2

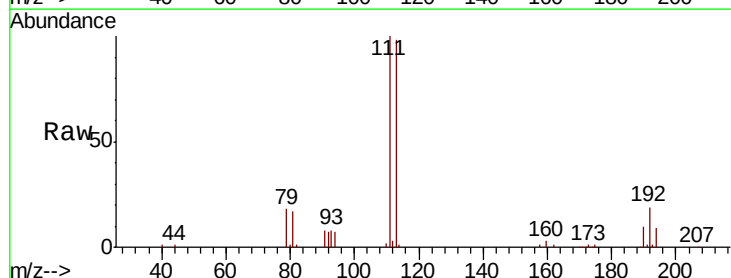


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

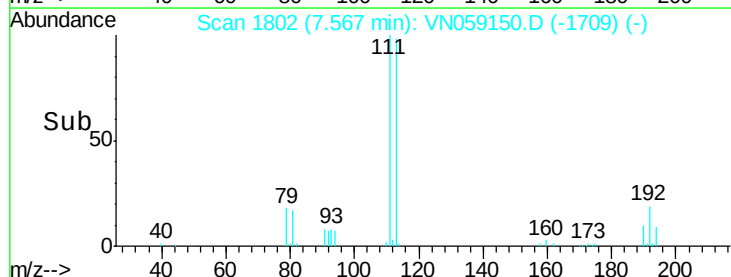
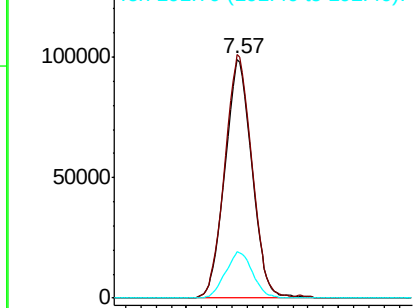


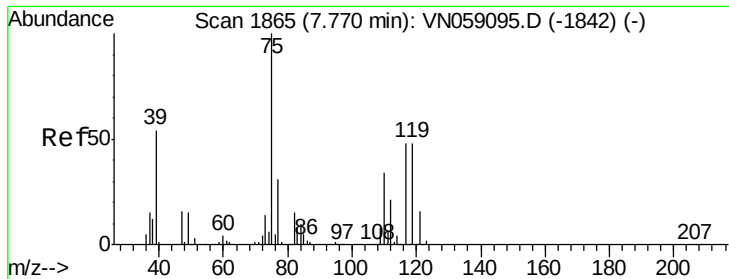
#35
 Dibromofluoromethane
 Concen: 50.823 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059150.D
 Acq: 11 Nov 2019 11:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.8	124.2
192	19.5	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

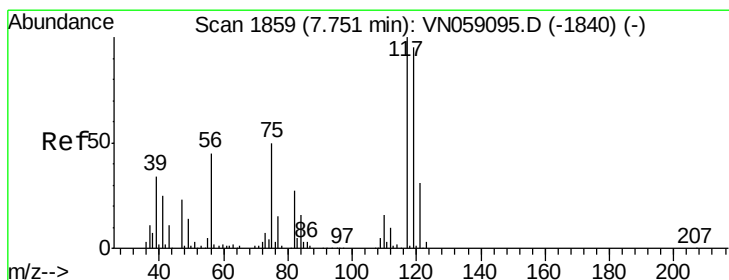
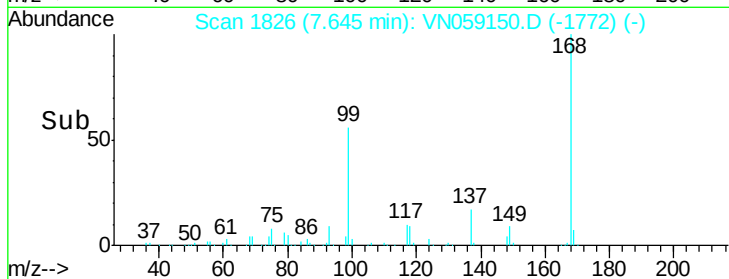
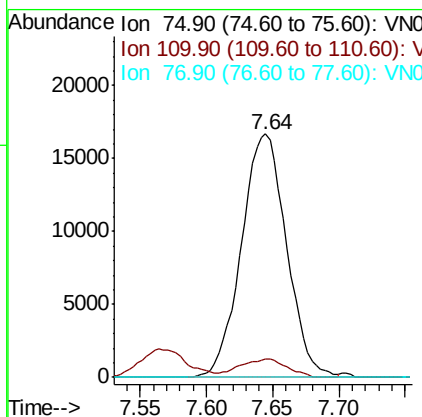
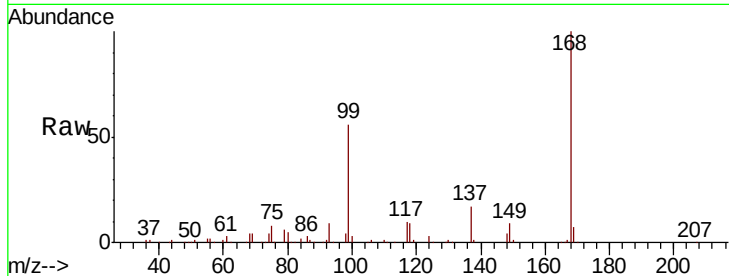




#36
 1,1-Dichloropropene
 Concen: 5.207 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059150.D
 Acq: 11 Nov 2019 11:12

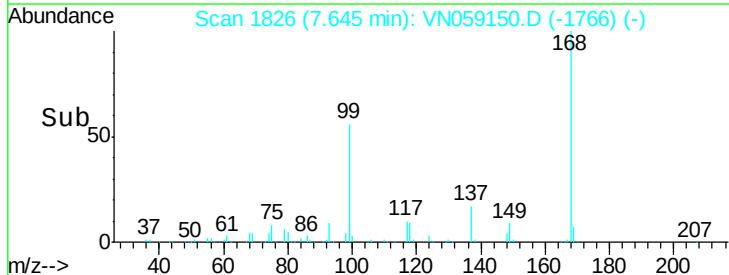
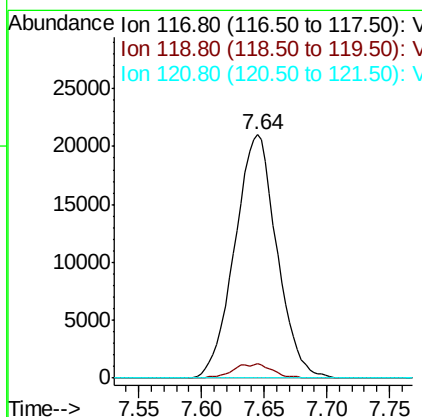
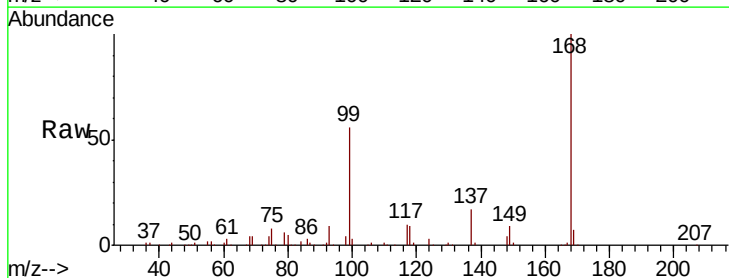
Instrument :
 MSVOA_N
 ClientSampleId :

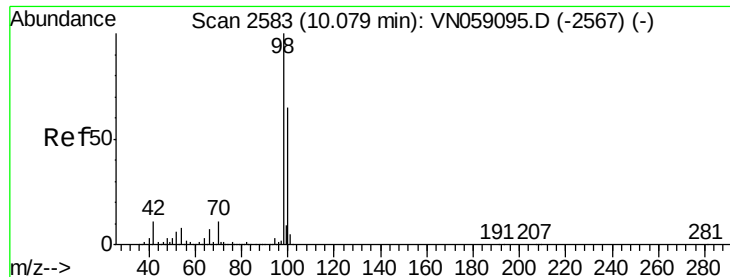
Tot Ion	75	Resp	39386
Ion Ratio	Lower	Upper	
75	100		
110	8.0	17.1	51.2#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.506 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059150.D
 Acq: 11 Nov 2019 11:12

Tgt Ion	117	Resp	48984
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	5.8	75.6	113.4#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 51.001 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059150.D

Acq: 11 Nov 2019 11:12

Instrument :

MSVOA_N

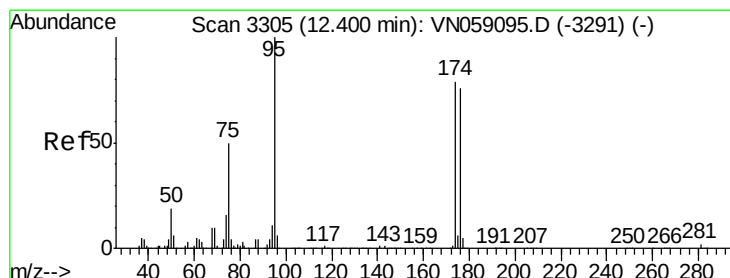
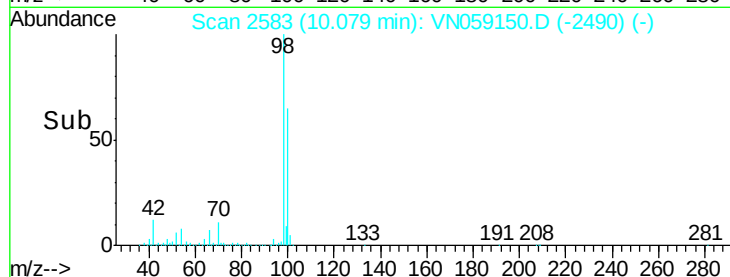
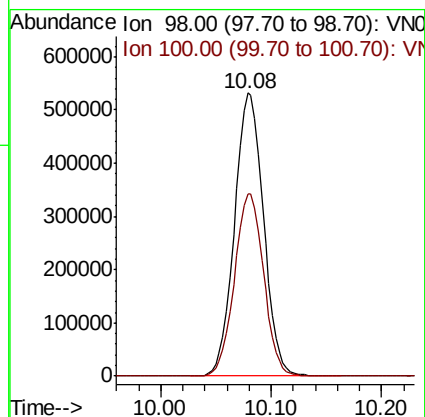
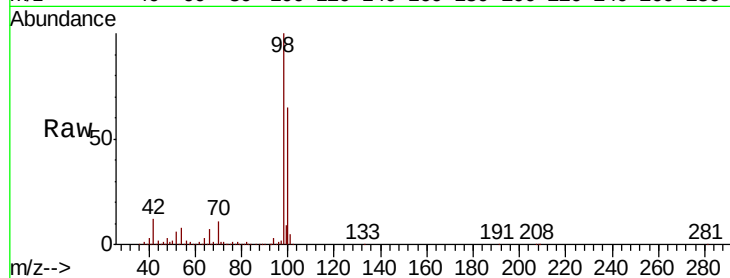
ClientSampleId :

Tot Ion: 98 Resp: 970704

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 44.824 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059150.D

Acq: 11 Nov 2019 11:12

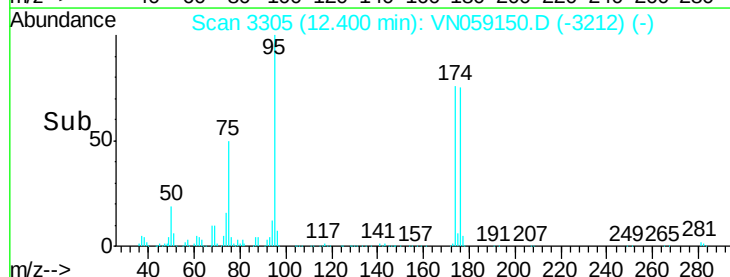
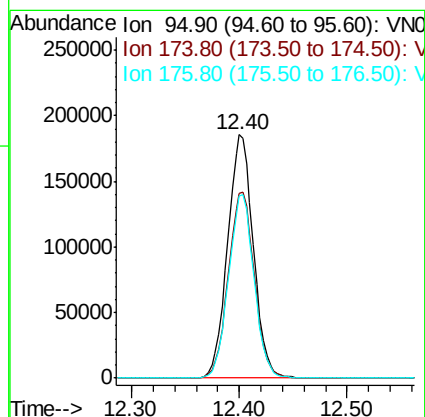
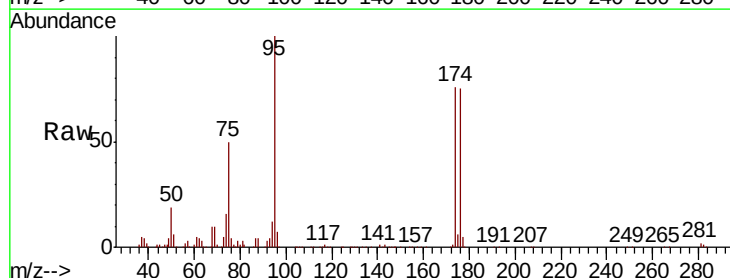
Tgt Ion: 95 Resp: 307609

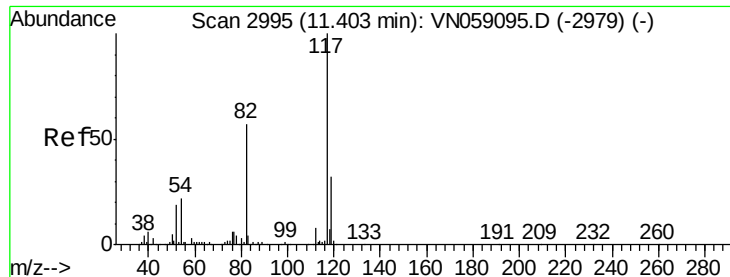
Ion Ratio Lower Upper

95 100

174 77.6 0.0 158.2

176 74.8 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: VN059150.D

Acq: 11 Nov 2019 11:12

Instrument :

MSVOA_N

ClientSampled :

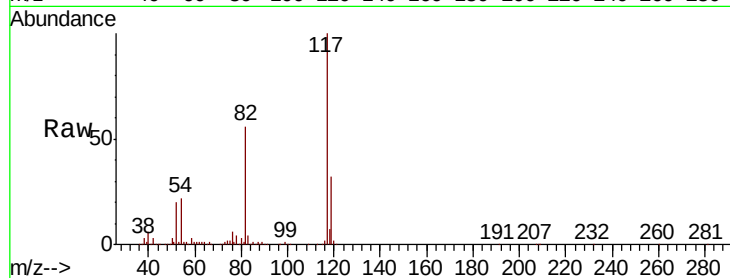
Tot Ion:117 Resp: 703155

Ion Ratio Lower Upper

117 100

82 56.3 45.8 68.8

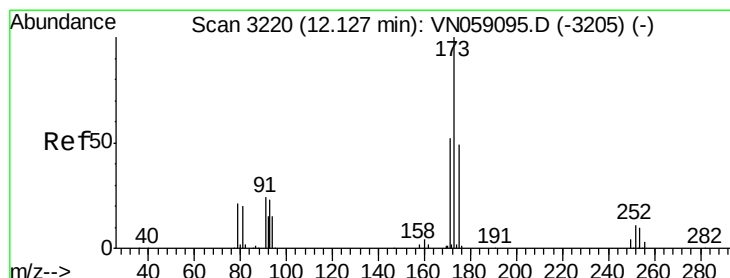
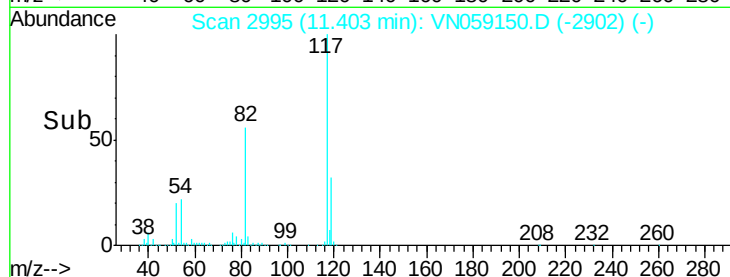
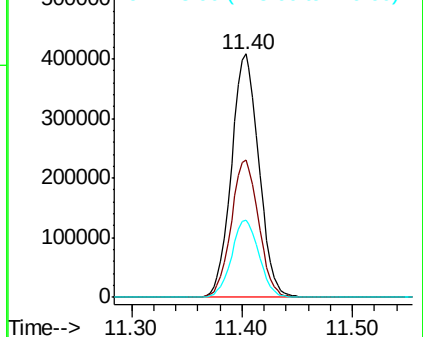
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 0.317 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059150.D

Acq: 11 Nov 2019 11:12

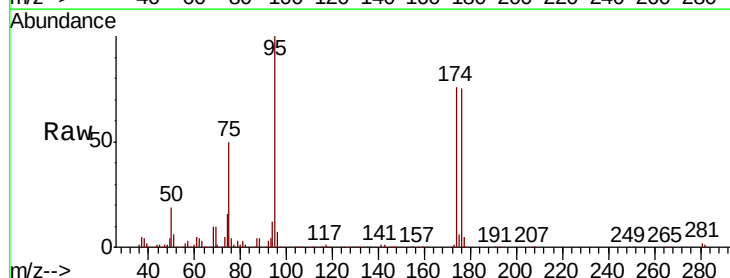
Tgt Ion:173 Resp: 1266

Ion Ratio Lower Upper

173 100

175 1186.2 24.2 72.6#

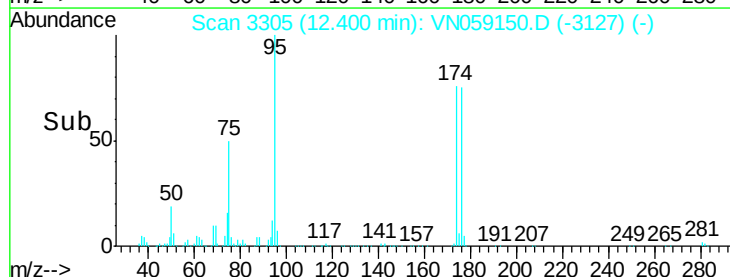
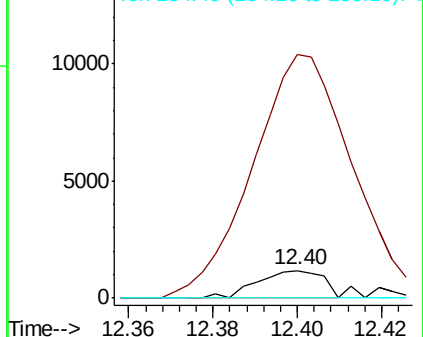
254 0.0 0.1 0.1#

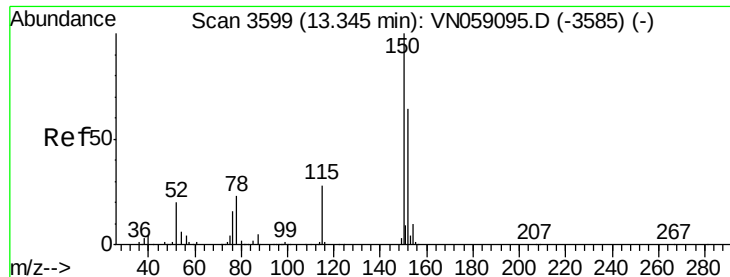


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



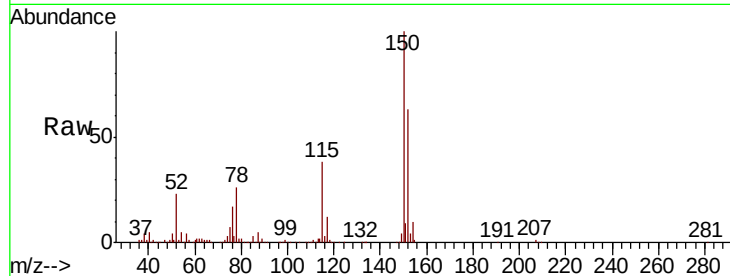


#72

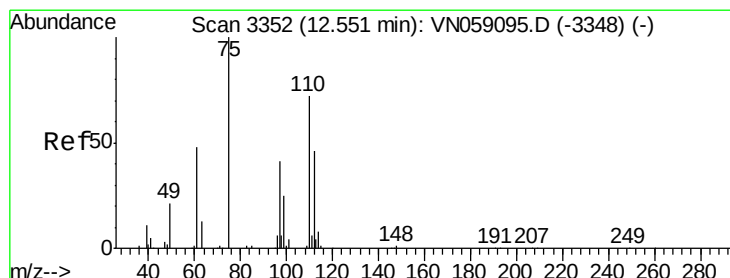
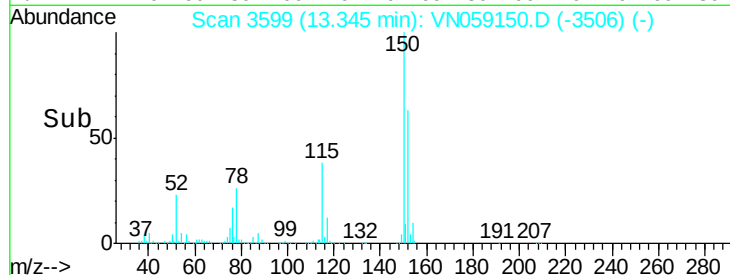
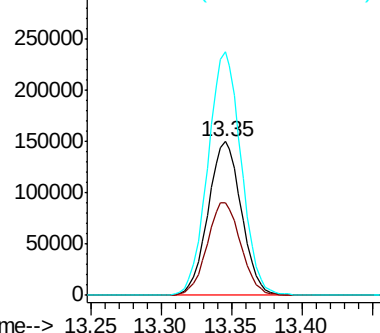
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059150.D
Acq: 11 Nov 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.4	88.2
150	158.2	0.0	345.8



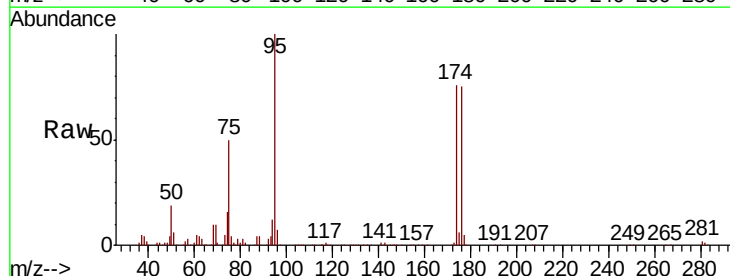
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



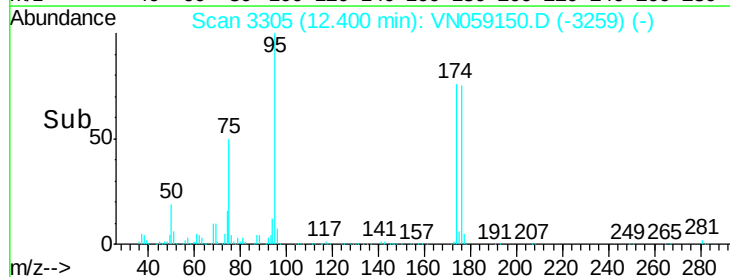
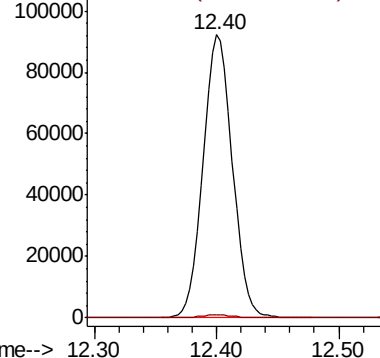
#76

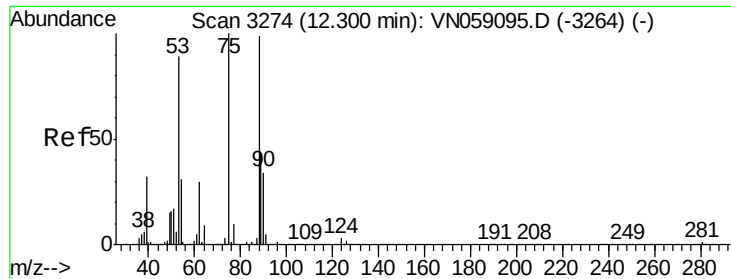
1,2,3-Trichloropropane
Concen: 27.183 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN059150.D
Acq: 11 Nov 2019 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	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: 71.799 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059150.D

Acq: 11 Nov 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

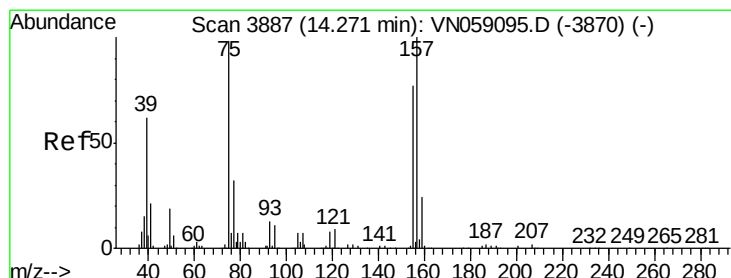
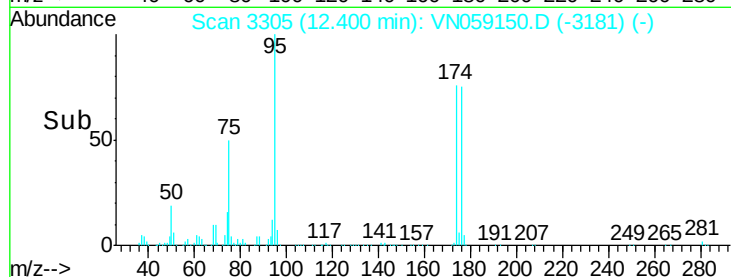
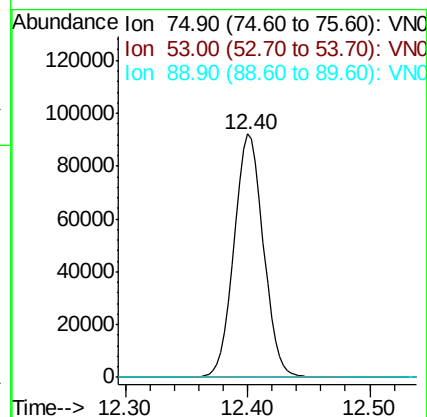
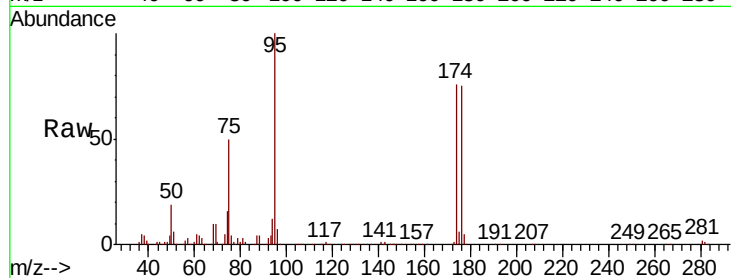
Tot Ion: 75 Resp: 154601

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

89 0.0 35.8 53.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.318 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059150.D

Acq: 11 Nov 2019 11:12

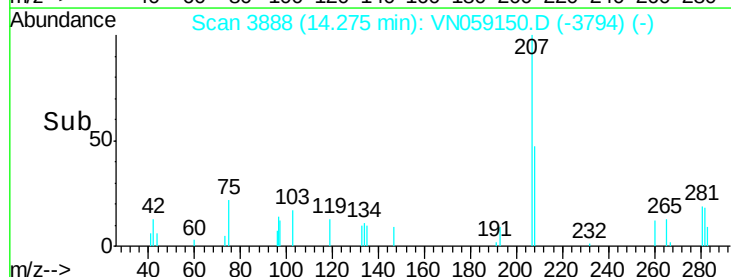
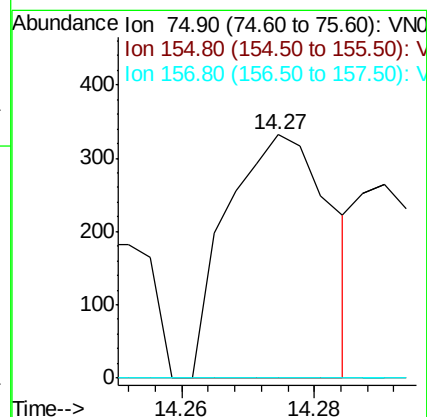
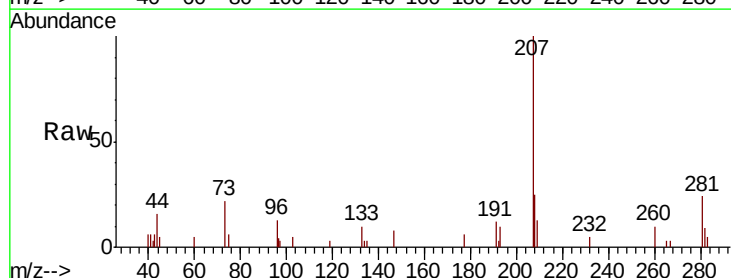
Tgt Ion: 75 Resp: 360

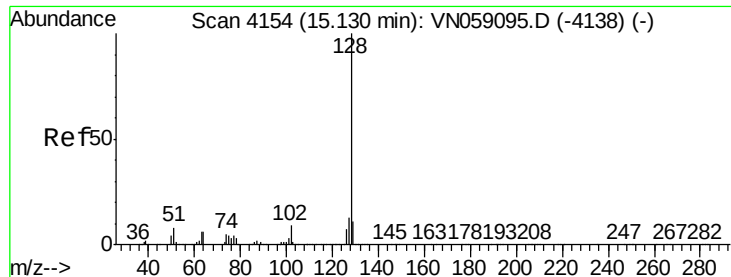
Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

157 0.0 51.8 155.5#

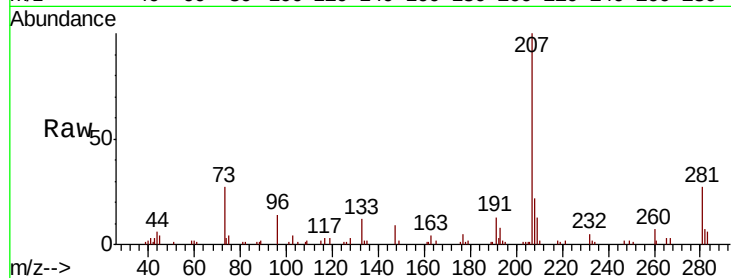




#95
Naphthalene
Concen: 3.098 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059150.D
Acq: 11 Nov 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :

Tot 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

