

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059178.D
 Acq On : 12 Nov 2019 10:42
 Operator : JC/SP
 Sample : VN1112MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 13 05:36:23 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	416401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	652545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	580422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	202827	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	278191	54.35	ug/l	0.00
Spiked Amount			Recovery	=	108.70%	
35) Dibromofluoromethane	7.57	113	209190	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	
50) Toluene-d8	10.08	98	801713	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.40	95	249431	45.08	ug/l	0.00
Spiked Amount			Recovery	=	90.16%	

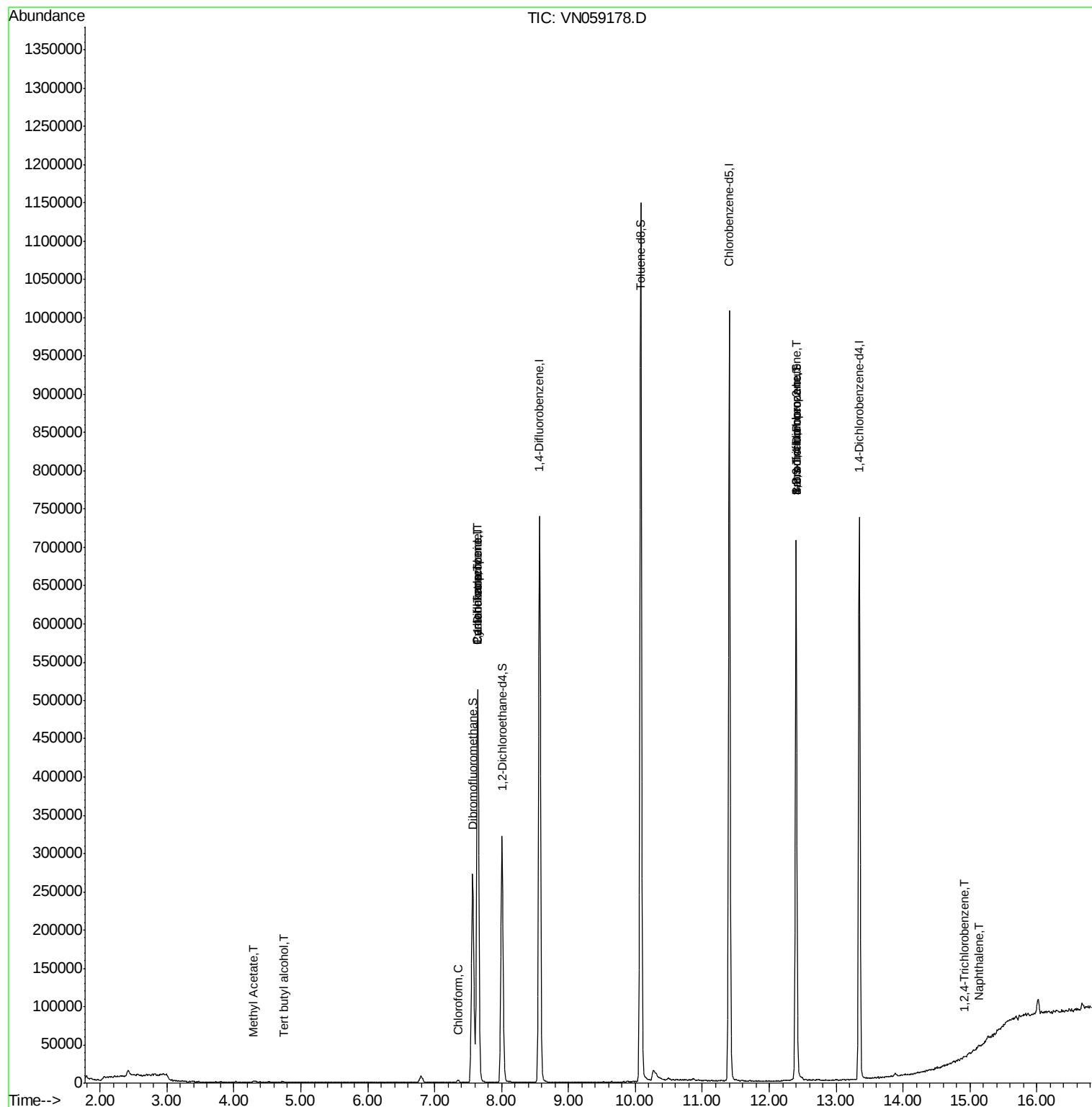
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	288	0.295	ug/l #	72
18) Methyl Acetate	4.30	43	1358	0.215	ug/l #	53
30) Chloroform	7.36	83	3206	0.397	ug/l	88
31) Cyclohexane	7.65	56	8990	1.128	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	32706	5.362	ug/l #	49
38) Carbon Tetrachloride	7.64	117	40816	6.723	ug/l #	17
71) Bromoform	12.40	173	1469	0.445	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	126224	27.335	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	126224	72.199	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.92	180	442	3.156	ug/l	67
95) Naphthalene	15.14	128	1508	3.180	ug/l #	75

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

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Sample : VN1112MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 13 05:36:23 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: VN059178.D

Acq: 12 Nov 2019 10:42

Instrument :

MSVOA_N

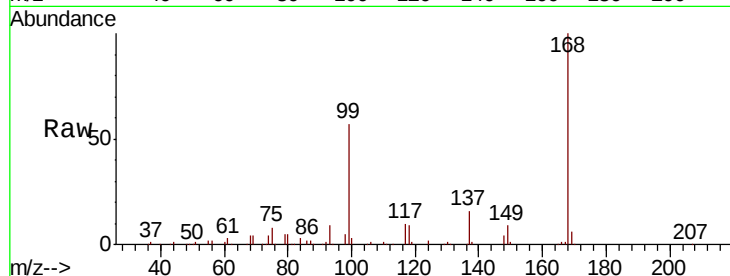
ClientSampleId :

Tot Ion:168 Resp: 416401

Ion Ratio Lower Upper

168 100

99 56.5 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

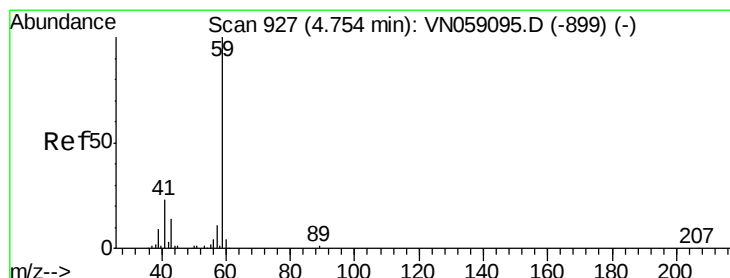
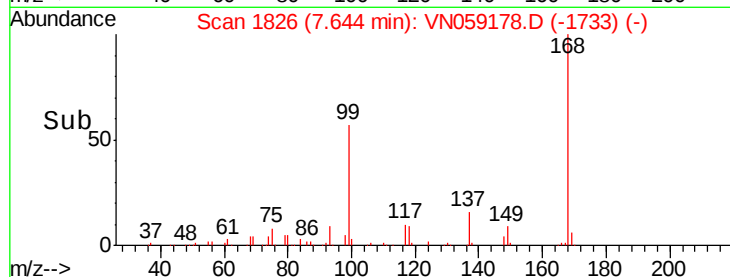
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.295 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.01 min

Lab File: VN059178.D

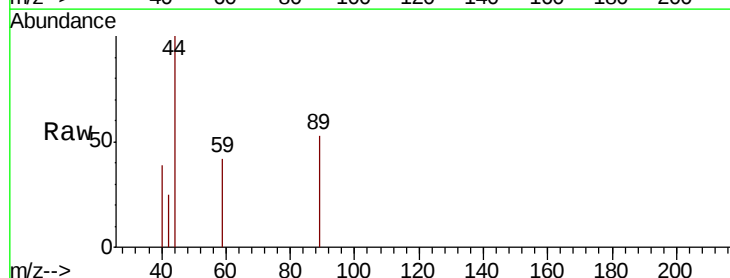
Acq: 12 Nov 2019 10:42

Tgt Ion: 59 Resp: 288

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.74

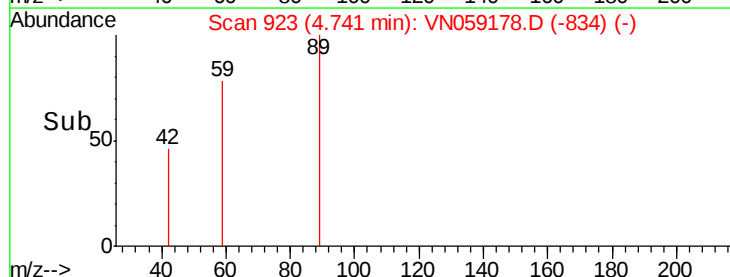
300

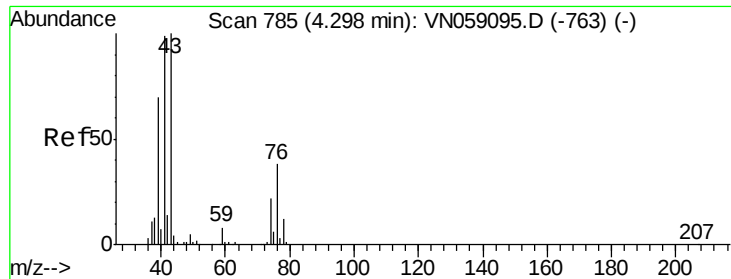
200

100

0

Time--> 4.72 4.74 4.76

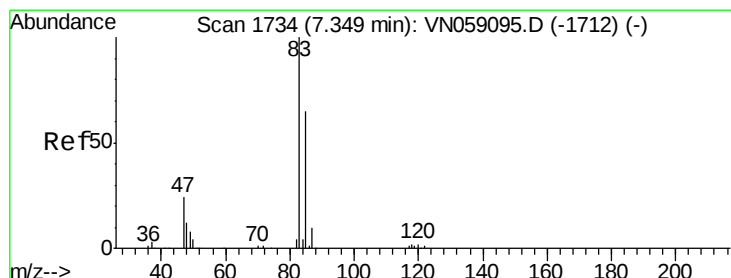
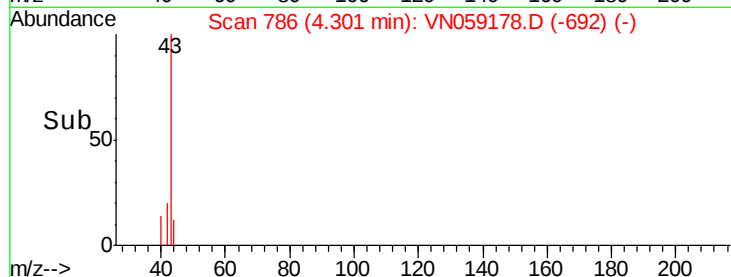
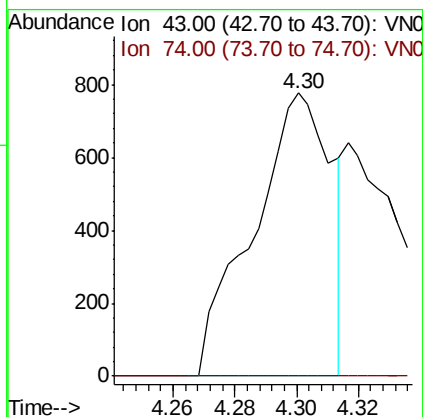
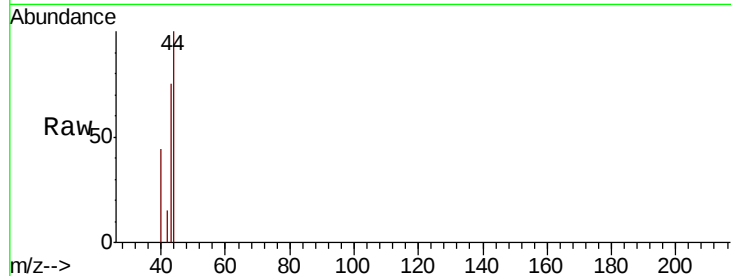




#18
Methyl Acetate
Concen: 0.215 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059178.D
Acq: 12 Nov 2019 10:42

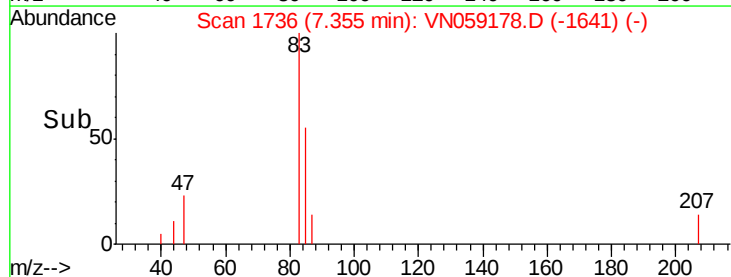
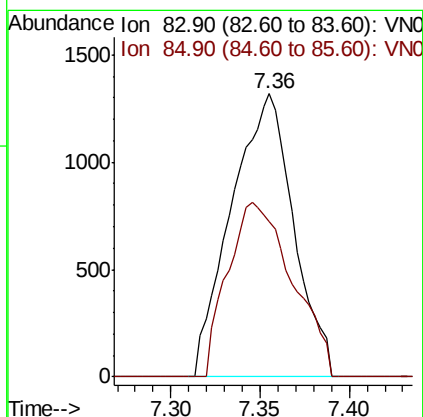
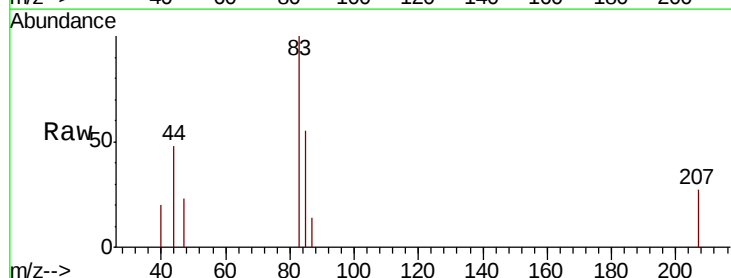
Instrument :
MSVOA_N
ClientSampled :

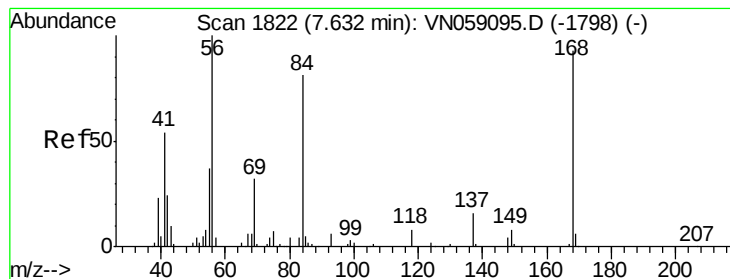
Tot Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#30
Chloroform
Concen: 0.397 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.01 min
Lab File: VN059178.D
Acq: 12 Nov 2019 10:42

Tgt Ion: 83 Resp: 3206
Ion Ratio Lower Upper
83 100
85 55.0 51.8 77.8





#31

Cyclohexane

Concen: 1.128 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.02 min

Lab File: VN059178.D

Acq: 12 Nov 2019 10:42

Instrument :
MSVOA_N
ClientSampleId :

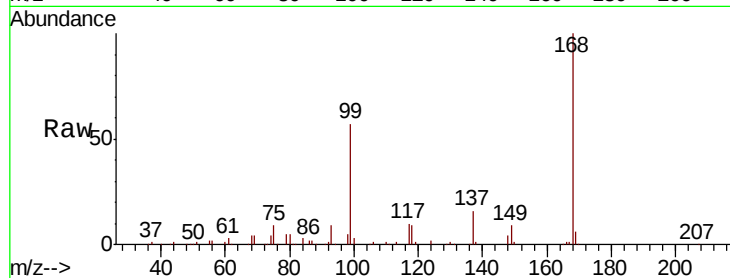
Tot Ion: 56 Resp: 8990

Ion Ratio Lower Upper

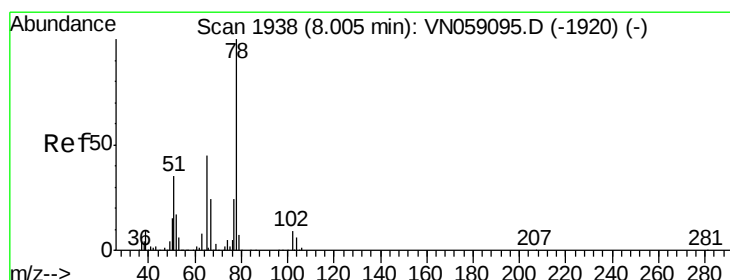
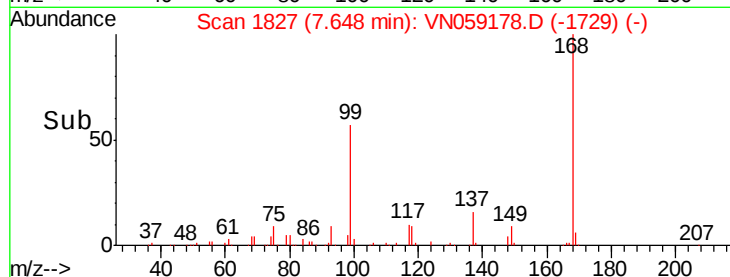
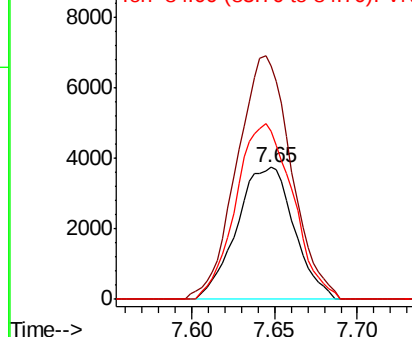
56 100

69 176.6 25.8 38.8#

84 127.8 65.0 97.4#



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



#33

1,2-Dichloroethane-d4

Concen: 54.349 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059178.D

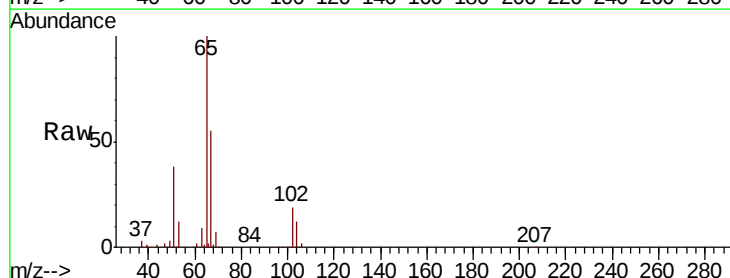
Acq: 12 Nov 2019 10:42

Tgt Ion: 65 Resp: 278191

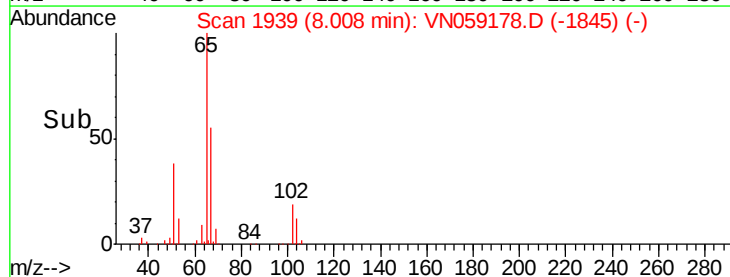
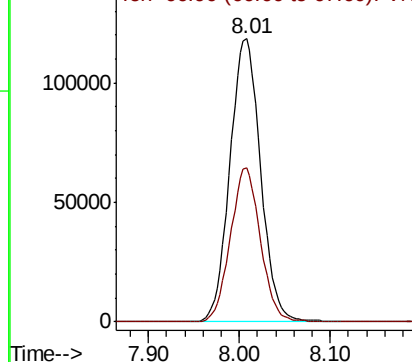
Ion Ratio Lower Upper

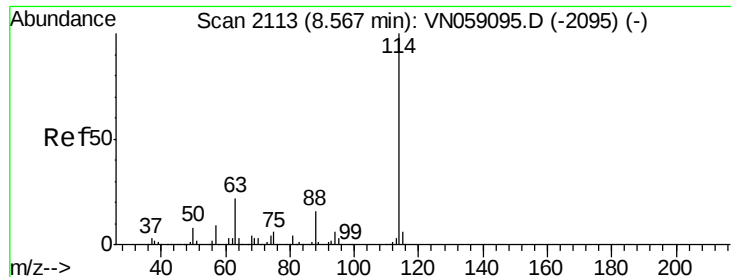
65 100

67 53.3 0.0 107.4



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

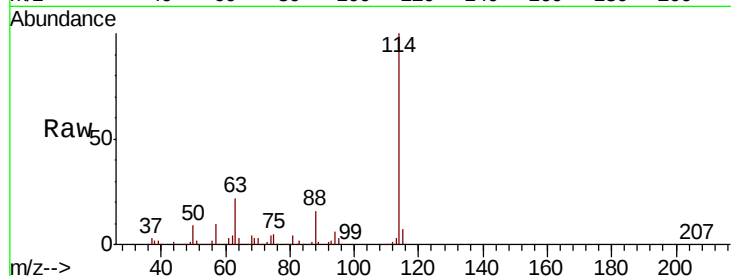




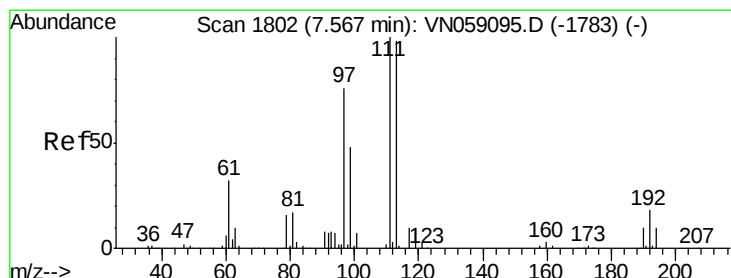
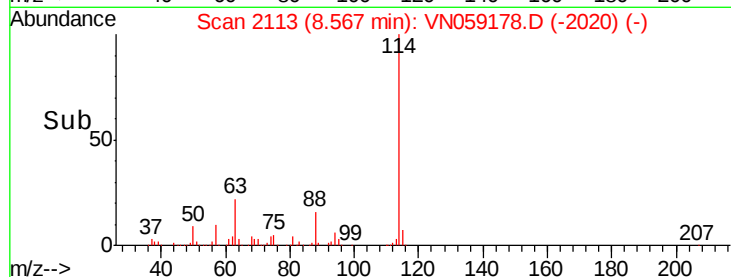
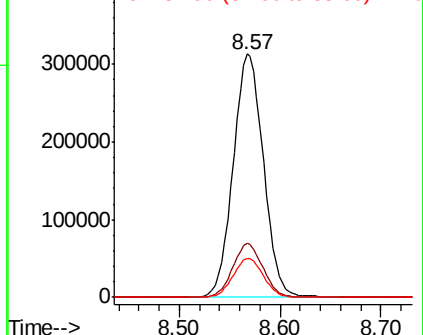
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059178.D
 Acq: 12 Nov 2019 10:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.4
88	16.0	0.0	32.2

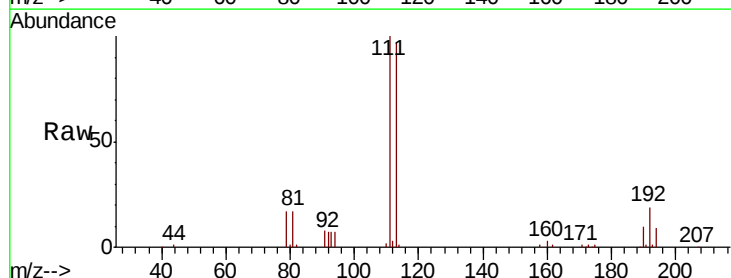


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

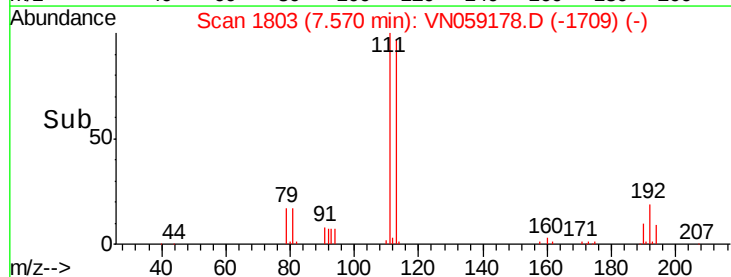
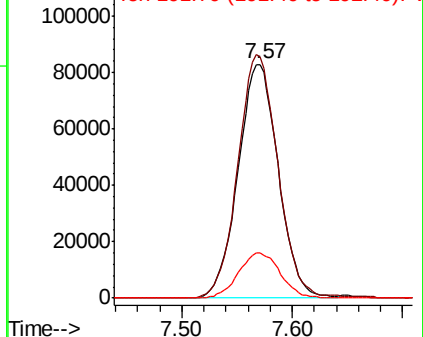


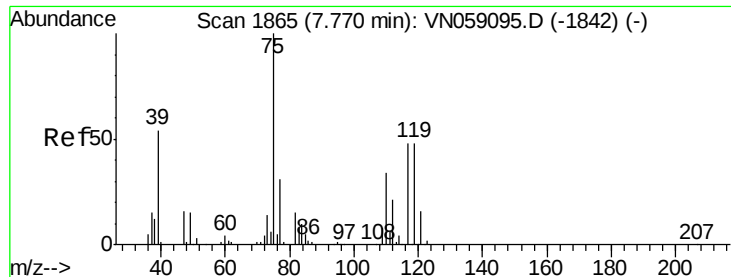
#35
 Dibromofluoromethane
 Concen: 53.689 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059178.D
 Acq: 12 Nov 2019 10:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	20.0	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

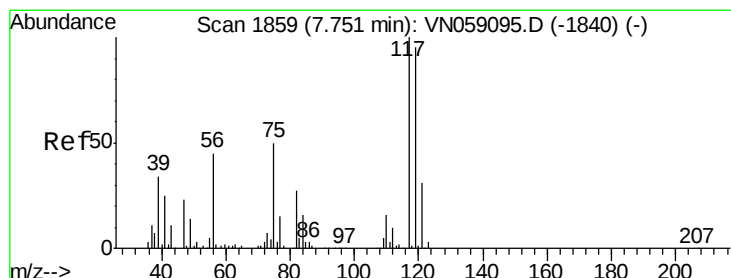
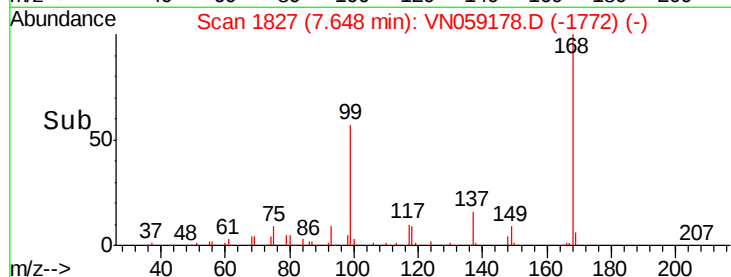
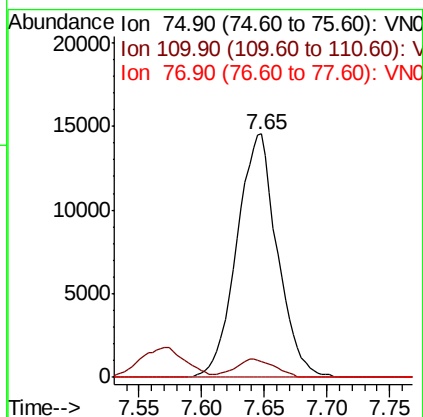
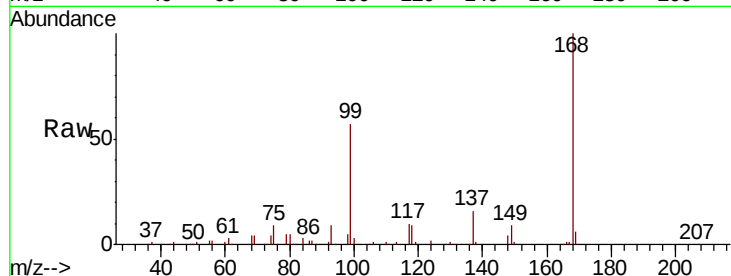




#36
 1,1-Dichloropropene
 Concen: 5.362 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.12 min
 Lab File: VN059178.D
 Acq: 12 Nov 2019 10:42

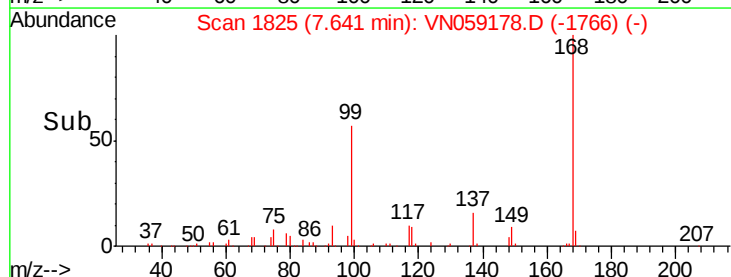
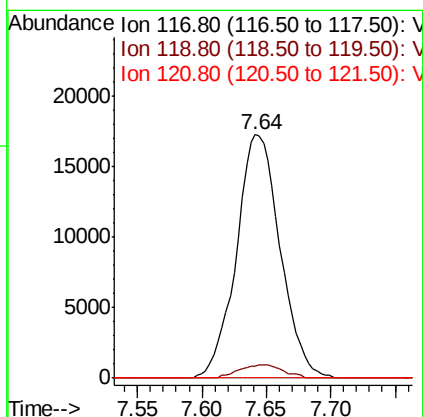
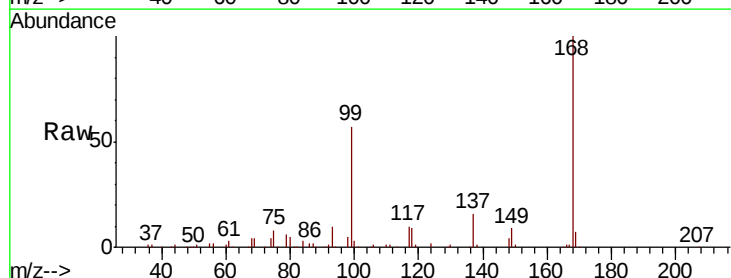
Instrument :
 MSVOA_N
 ClientSampled :

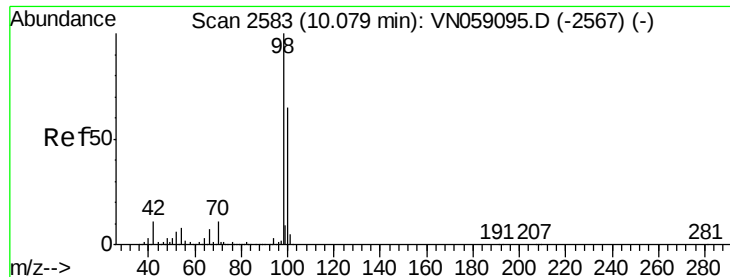
Tot Ion	75	Resp	32706
Ion Ratio	Lower	Upper	
75	100		
110	7.2	17.1	51.2#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.723 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN059178.D
 Acq: 12 Nov 2019 10:42

Tgt Ion	117	Resp	40816
Ion Ratio	Lower	Upper	
117	100		
119	5.2	75.6	113.4#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 52.238 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059178.D

Acq: 12 Nov 2019 10:42

Instrument :

MSVOA_N

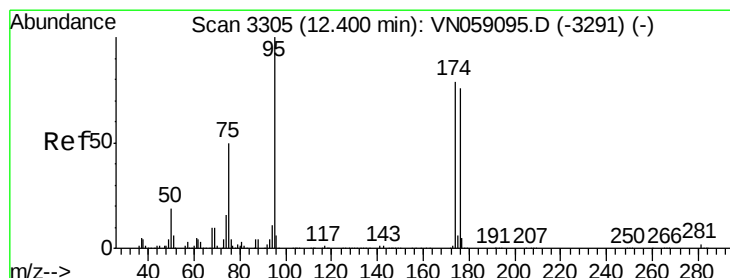
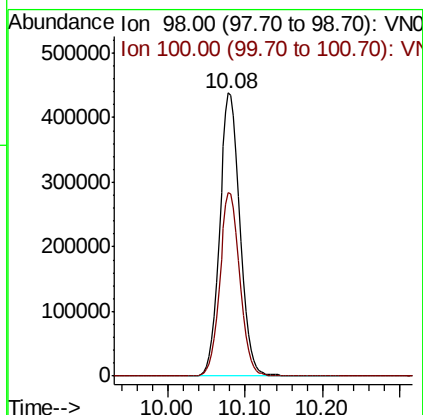
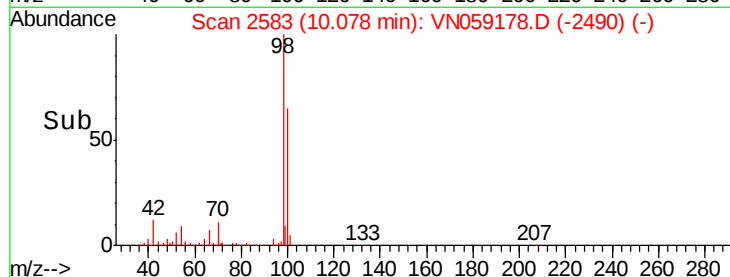
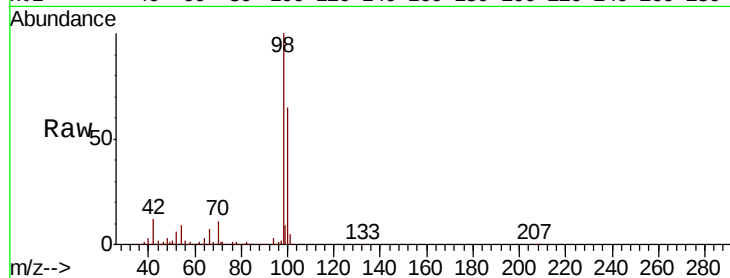
ClientSampleId :

Tot Ion: 98 Resp: 801713

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.075 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059178.D

Acq: 12 Nov 2019 10:42

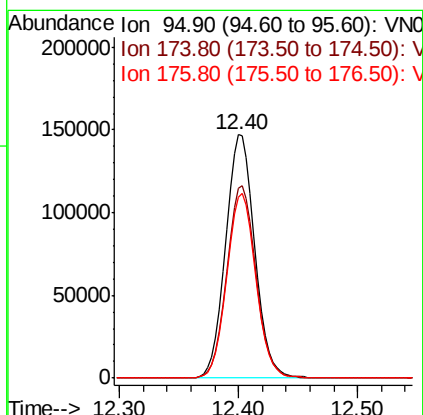
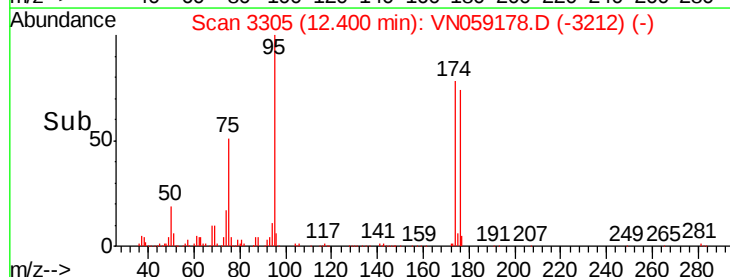
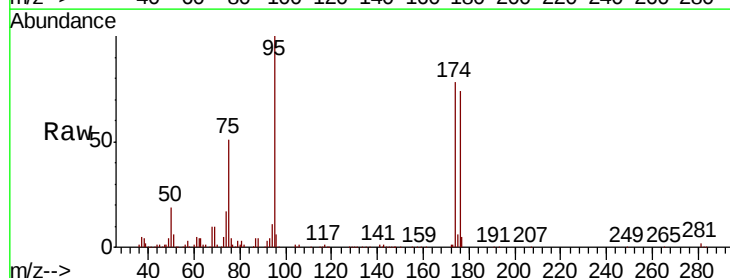
Tgt Ion: 95 Resp: 249431

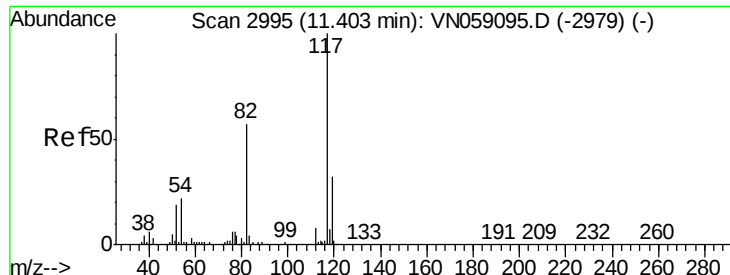
Ion Ratio Lower Upper

95 100

174 78.9 0.0 158.2

176 75.9 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: VN059178.D

Acq: 12 Nov 2019 10:42

Instrument :

MSVOA_N

ClientSampled :

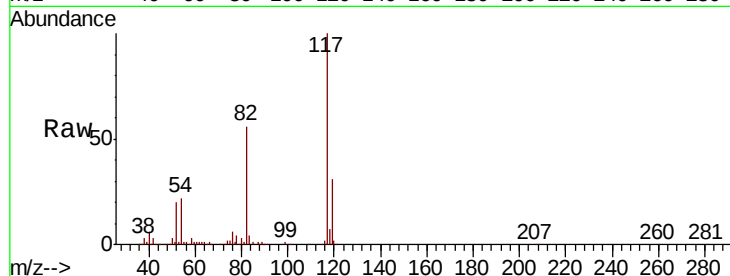
Tot Ion:117 Resp: 580422

Ion Ratio Lower Upper

117 100

82 55.7 45.8 68.8

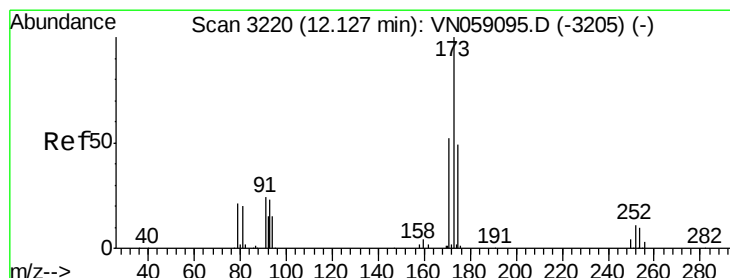
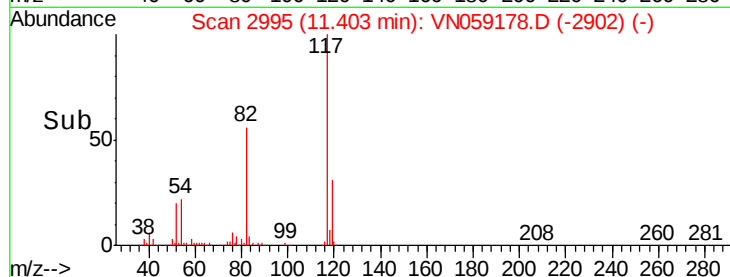
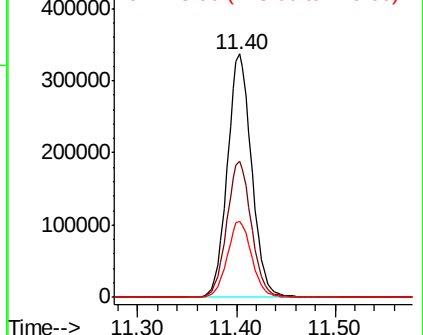
119 31.4 25.8 38.6



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: 0.445 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN059178.D

Acq: 12 Nov 2019 10:42

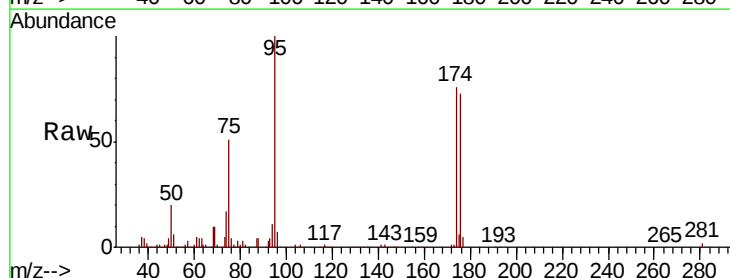
Tgt Ion:173 Resp: 1469

Ion Ratio Lower Upper

173 100

175 810.3 24.2 72.6#

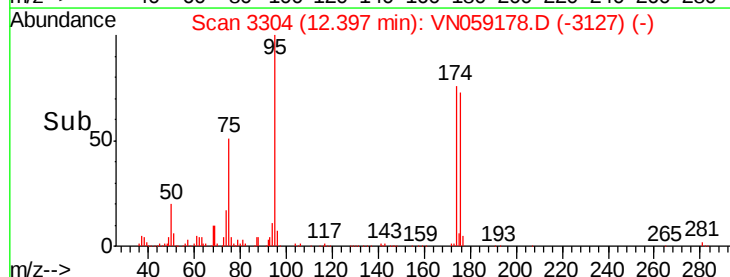
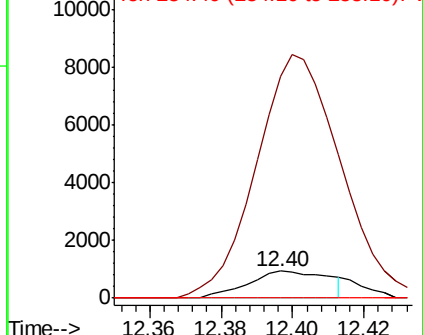
254 0.0 0.1 0.1#

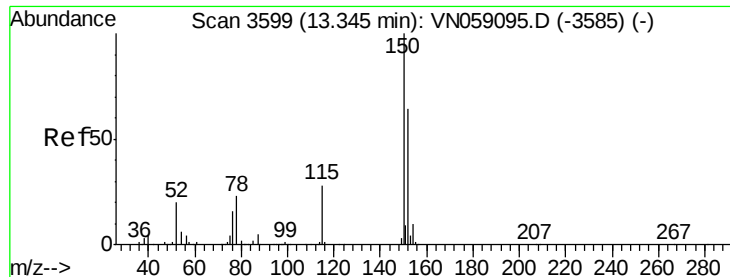


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



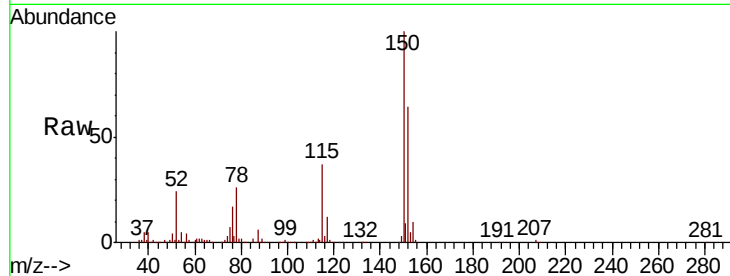


#72

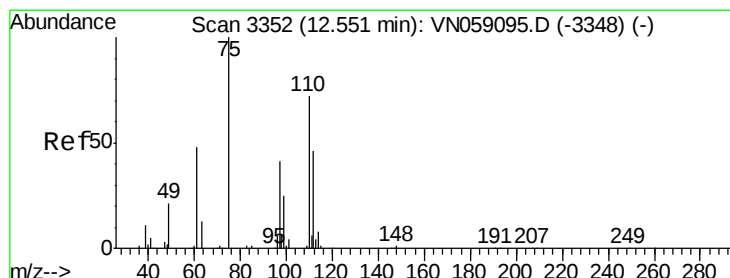
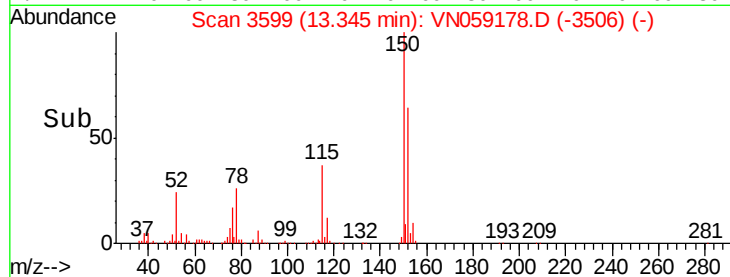
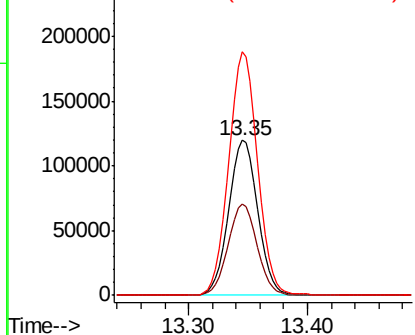
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059178.D
Acq: 12 Nov 2019 10:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.4	88.2
150	155.7	0.0	345.8



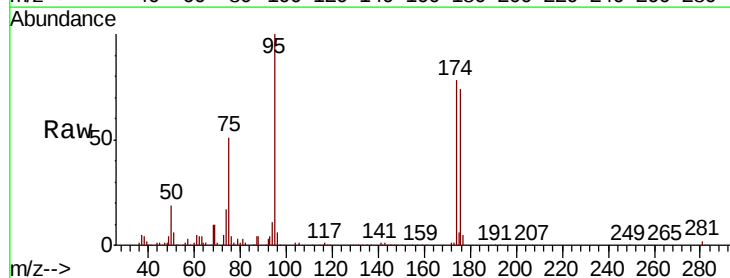
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



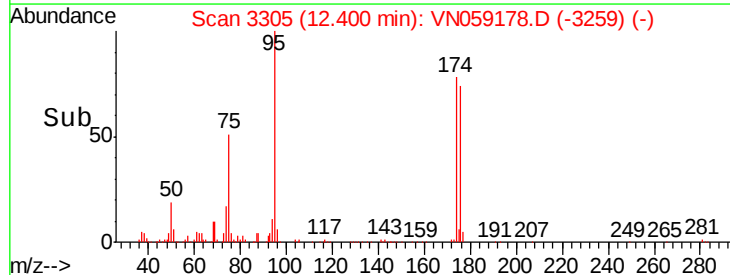
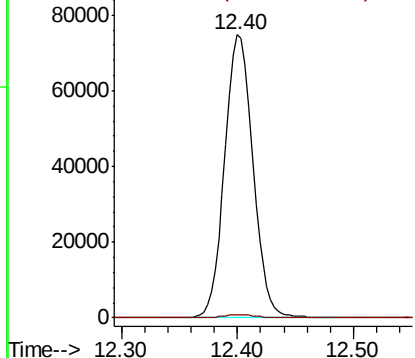
#76

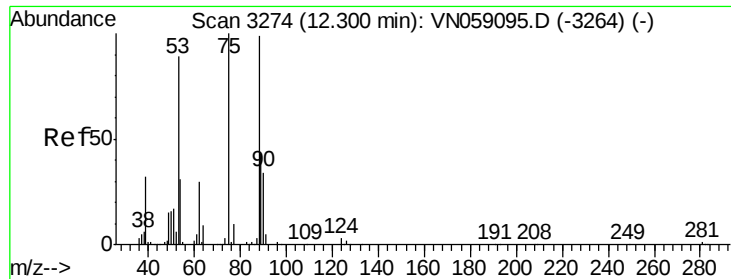
1,2,3-Trichloropropane
Concen: 27.335 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN059178.D
Acq: 12 Nov 2019 10:42

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: 72.199 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059178.D

Acq: 12 Nov 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

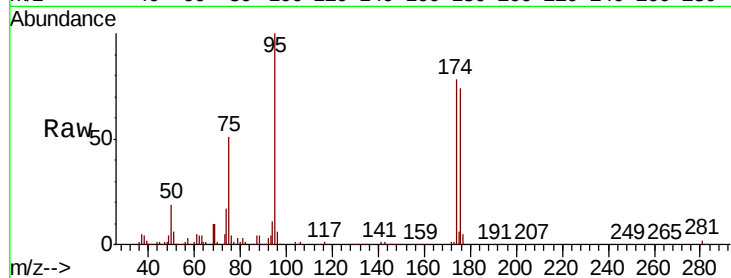
Tot Ion: 75 Resp: 126224

Ion Ratio Lower Upper

75 100

53 0.1 72.2 108.2#

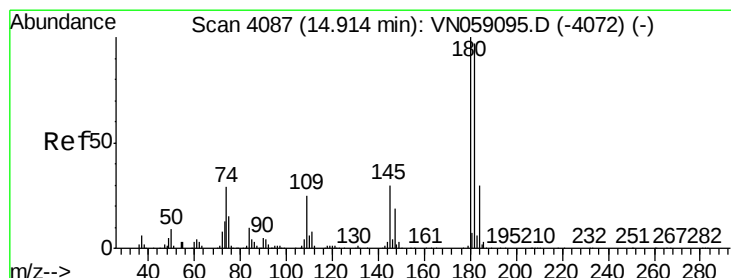
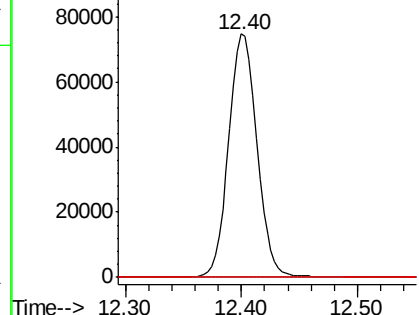
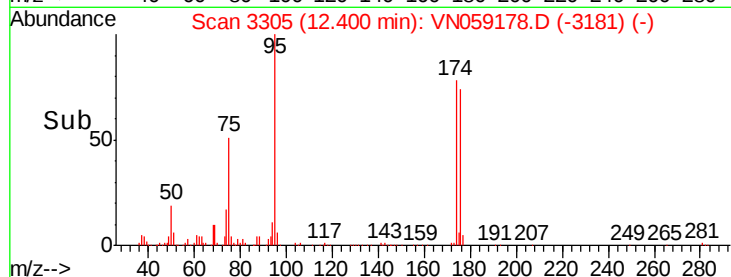
89 0.0 35.8 53.8#



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: 3.156 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN059178.D

Acq: 12 Nov 2019 10:42

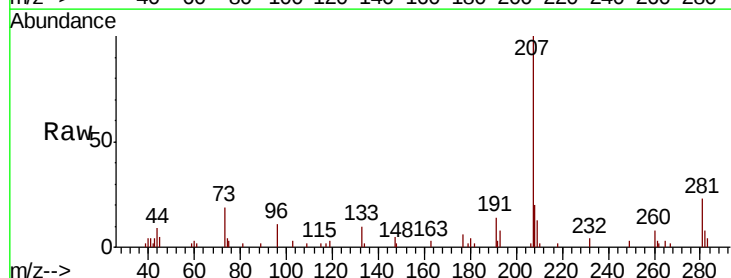
Tgt Ion: 180 Resp: 442

Ion Ratio Lower Upper

180 100

182 56.8 48.1 144.3

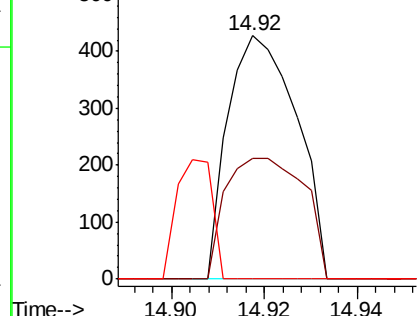
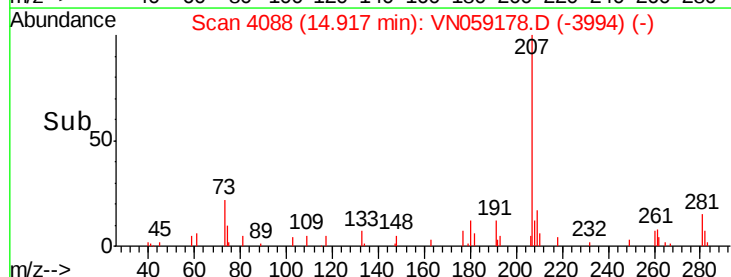
145 25.3 15.1 45.3

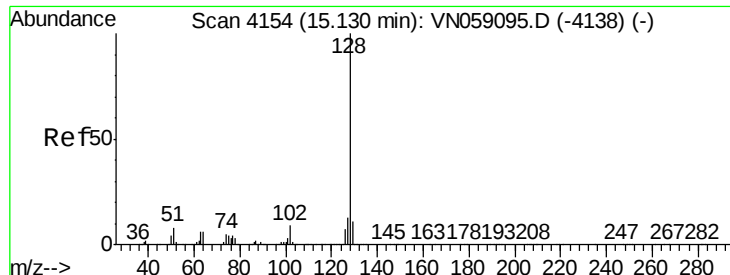


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.180 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN059178.D

Acq: 12 Nov 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

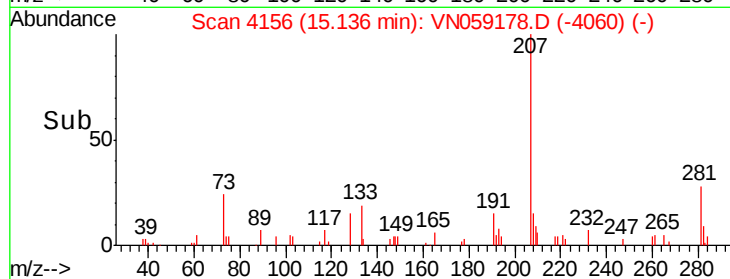
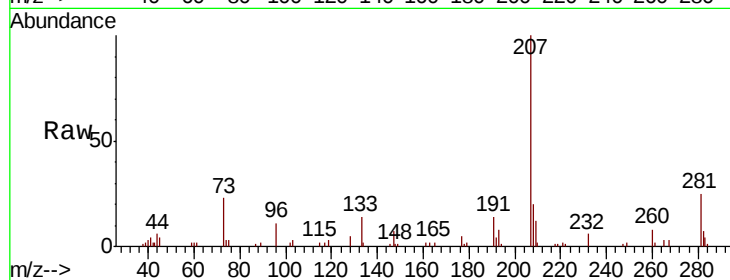
Tot Ion:128 Resp: 1508

Ion Ratio Lower Upper

128 100

127 4.2 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

