

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058951.D
 Acq On : 24 Oct 2019 11:32
 Operator : JC/SP
 Sample : K5507-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 01:22:24 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

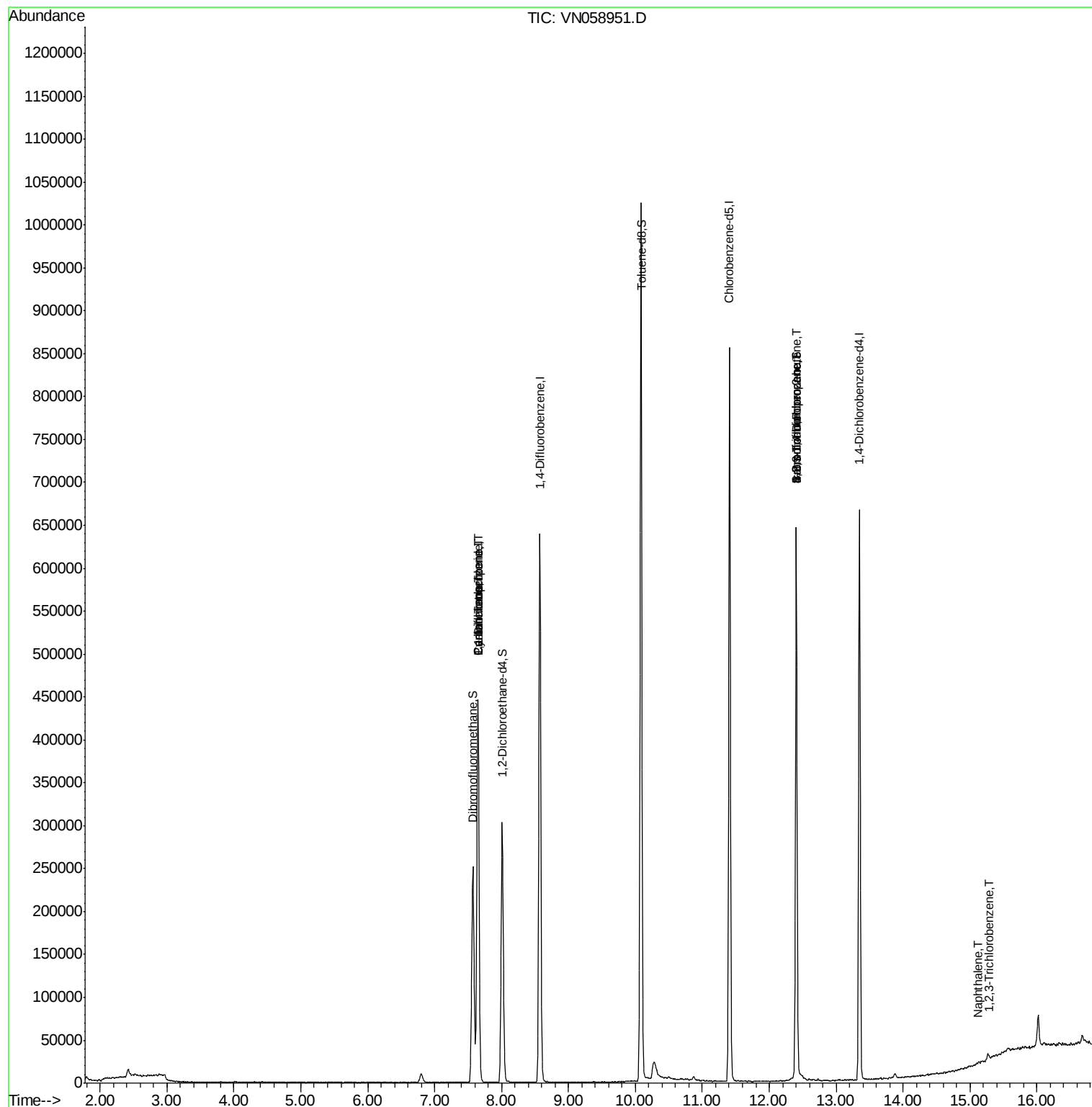
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	340211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	539315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	169666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	264381	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	7.57	113	190253	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	10.08	98	696616	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.40	95	214554	42.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.90%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.65	56	8328	1.161	ug/l #	22
36) 1,1-Dichloropropene	7.64	75	29360	5.317	ug/l #	51
38) Carbon Tetrachloride	7.65	117	34444	6.055	ug/l #	17
71) Bromoform	12.40	173	761	0.267	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	116624	29.659	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	116624	77.263	ug/l #	10
95) Naphthalene	15.14	128	460	2.271	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.30	180	108	2.426	ug/l #	24

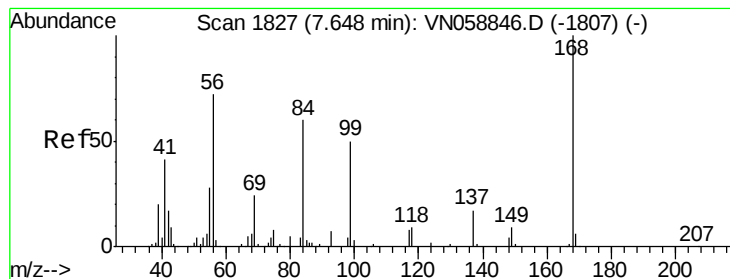
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102519\
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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: VN058951.D

Acq: 24 Oct 2019 11:32

Instrument :

MSVOA_N

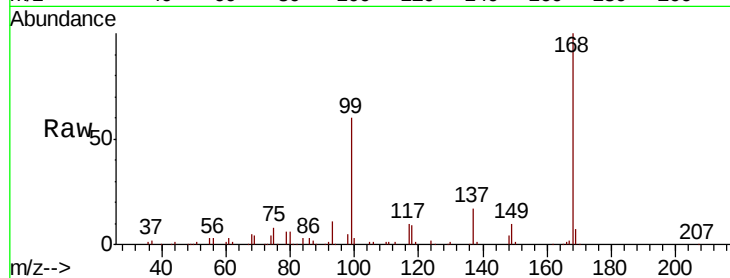
ClientSampleId :

Tot Ion:168 Resp: 340211

Ion Ratio Lower Upper

168 100

99 59.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058846.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058846.D (-1807) (-)

7.65

150000

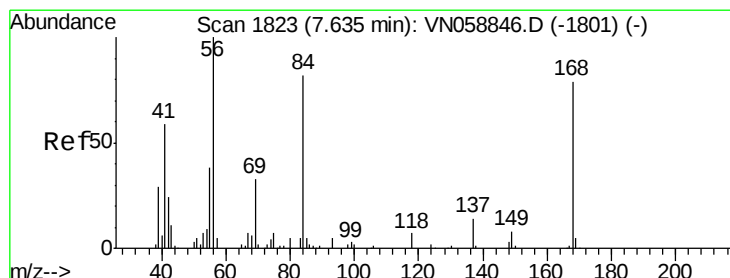
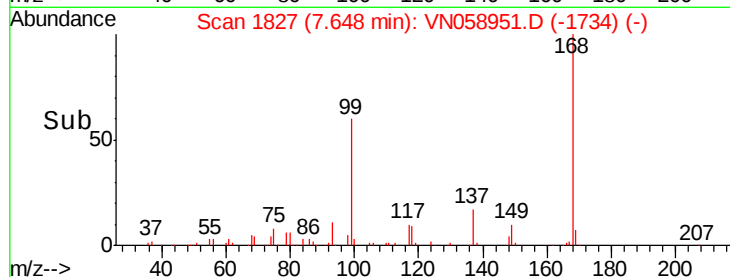
100000

50000

0

7.60 7.70 7.80

Time-->



#31

Cyclohexane

Concen: 1.161 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058951.D

Acq: 24 Oct 2019 11:32

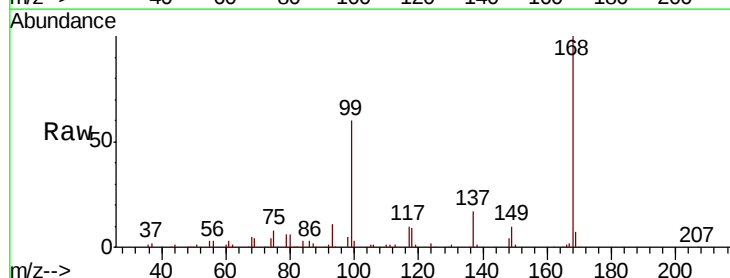
Tgt Ion: 56 Resp: 8328

Ion Ratio Lower Upper

56 100

69 151.8 26.2 39.4#

84 103.6 65.6 98.4#



Abundance Ion 56.00 (55.70 to 56.70): VN058846.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN058846.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN058846.D (-1801) (-)

8000

6000

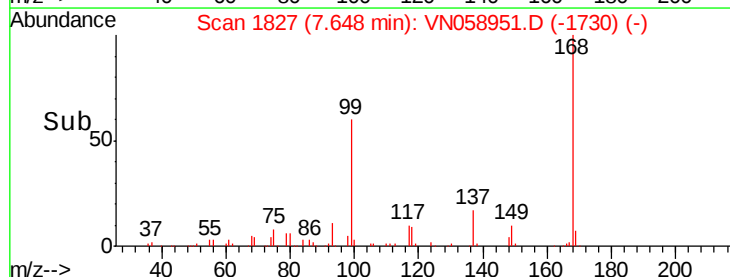
4000

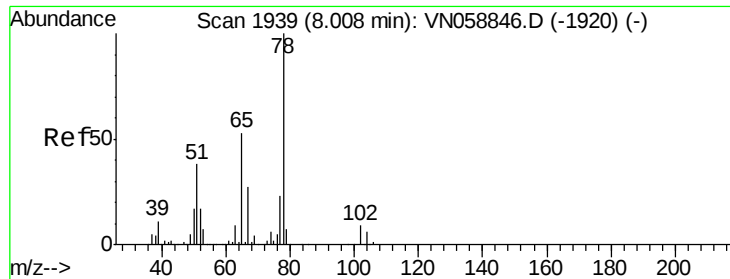
2000

0

7.60 7.65 7.70

Time-->

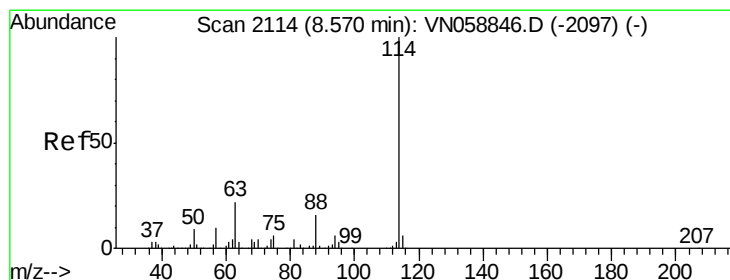
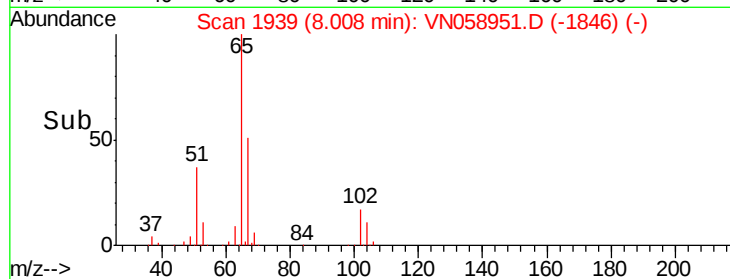
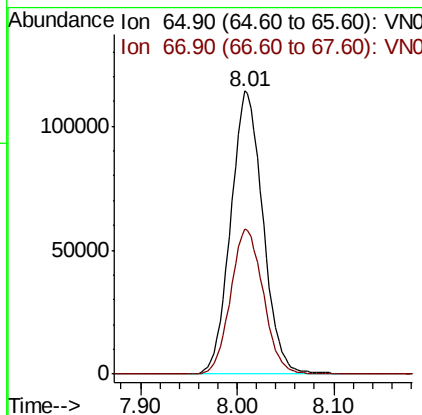
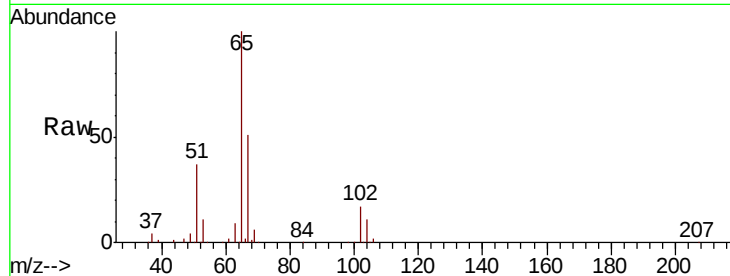




#33
 1,2-Dichloroethane-d4
 Concen: 52.985 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN058951.D
 Acq: 24 Oct 2019 11:32

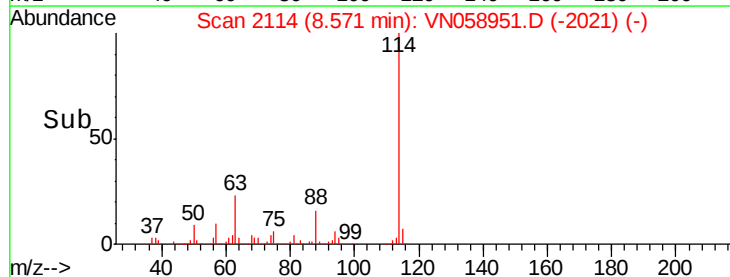
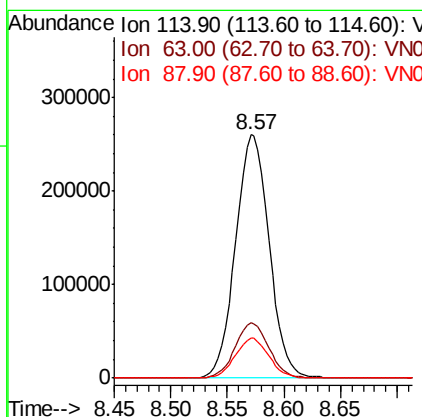
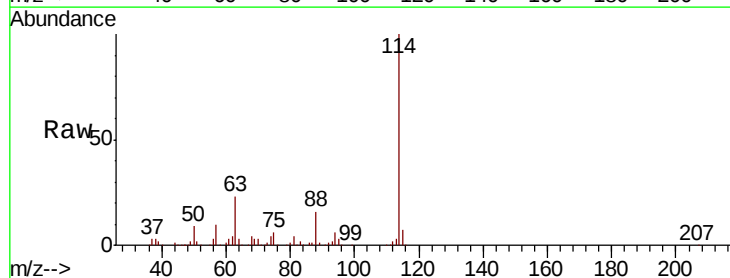
Instrument :
 MSVOA_N
 ClientSampled :

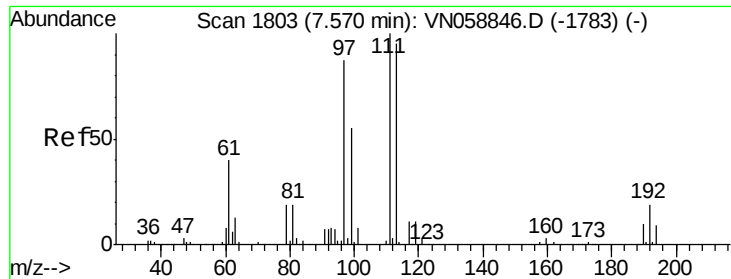
Tot Ion: 65 Resp: 264381
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058951.D
 Acq: 24 Oct 2019 11:32

Tgt Ion: 114 Resp: 539315
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.4
 88 16.3 0.0 31.4

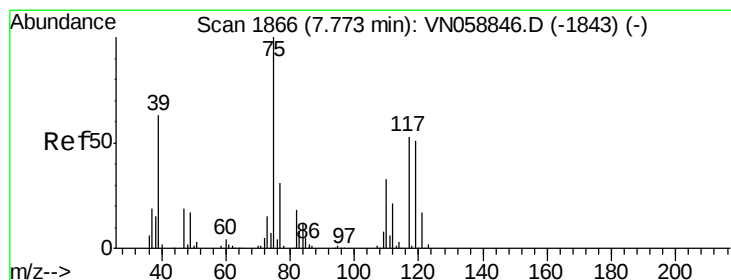
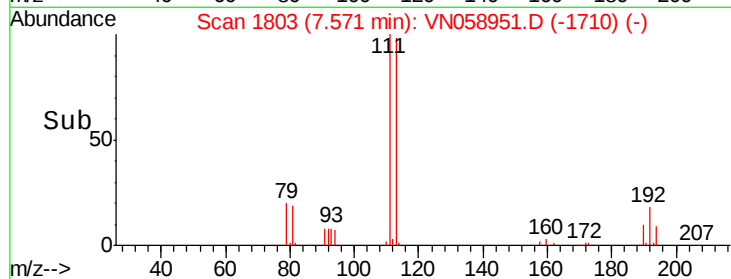
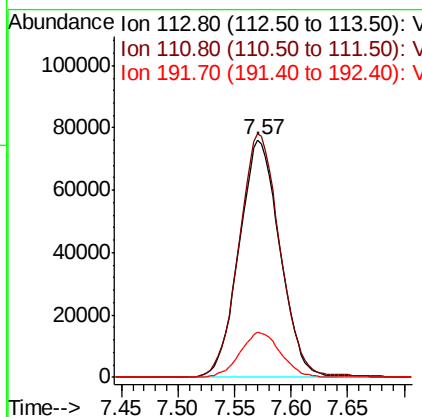
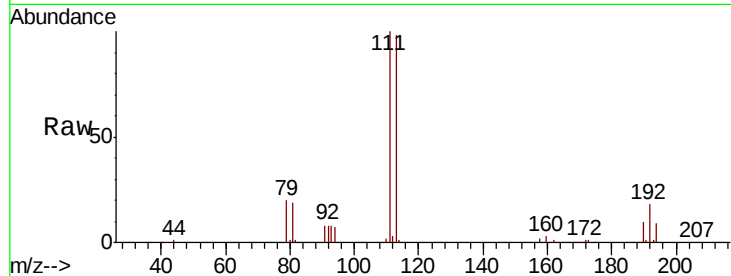




#35
Dibromofluoromethane
Concen: 53.655 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN058951.D
Acq: 24 Oct 2019 11:32

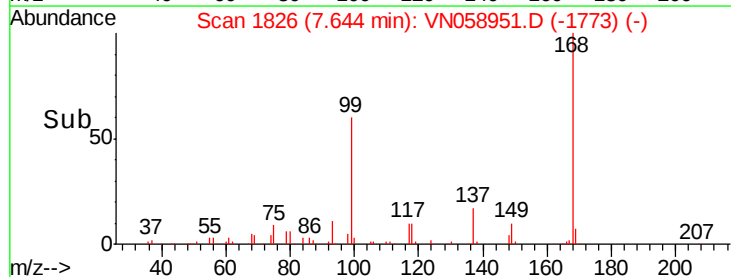
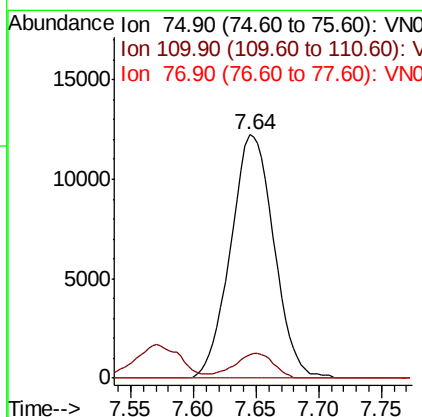
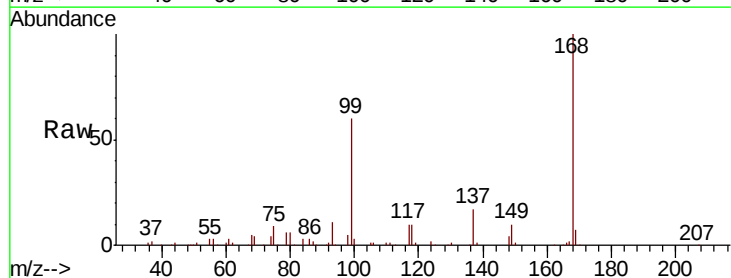
Instrument :
MSVOA_N
ClientSampled :

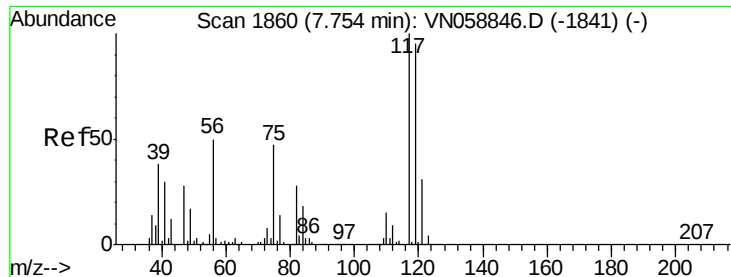
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	18.9	15.0	22.6



#36
1,1-Dichloropropene
Concen: 5.317 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN058951.D
Acq: 24 Oct 2019 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.3	48.9#
77	0.0	24.6	36.8#

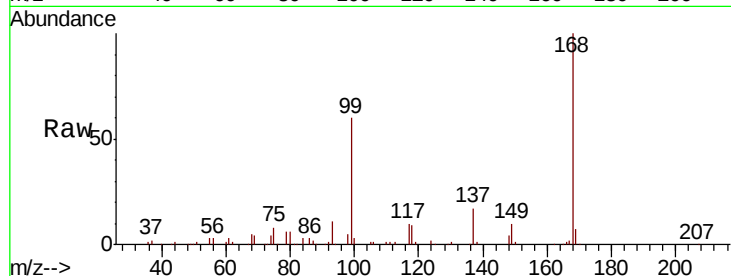




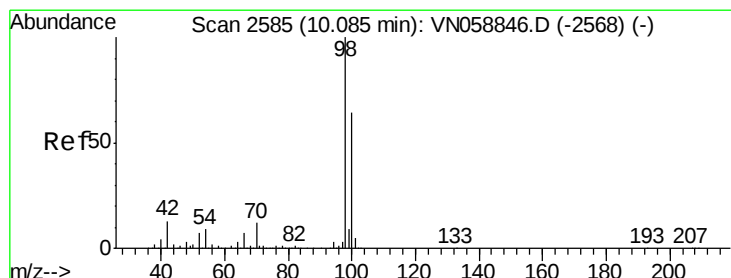
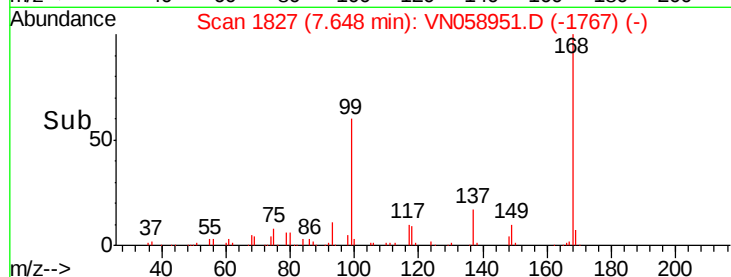
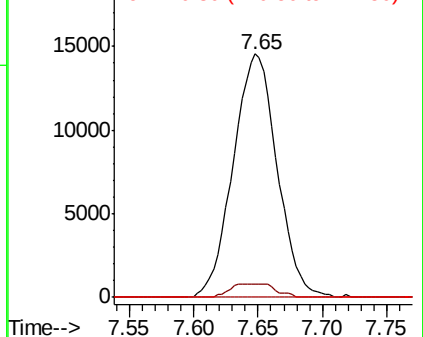
#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058951.D
Acq: 24 Oct 2019 11:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 34444
Ion Ratio Lower Upper
117 100
119 5.6 75.7 113.5#
121 0.0 25.0 37.6#

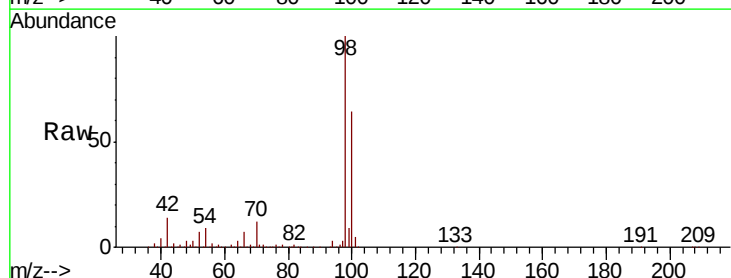


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

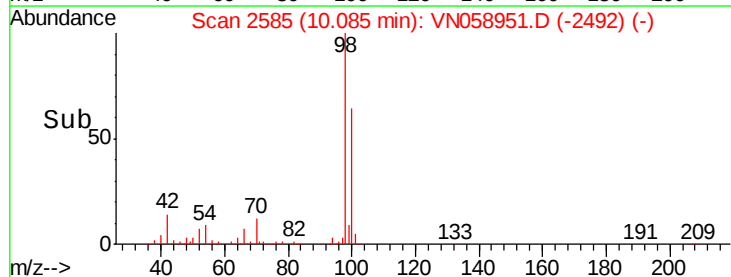
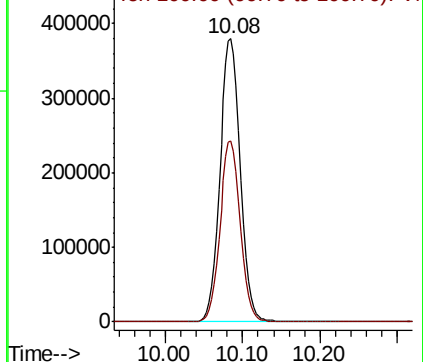


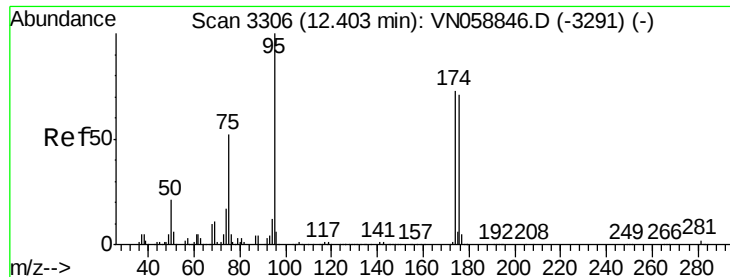
#50
Toluene-d8
Concen: 50.610 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058951.D
Acq: 24 Oct 2019 11:32

Tgt Ion: 98 Resp: 696616
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 42.446 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058951.D

Acq: 24 Oct 2019 11:32

Instrument :

MSVOA_N

ClientSampleId :

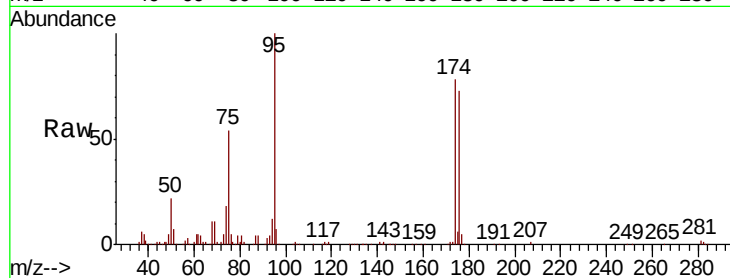
Tot Ion: 95 Resp: 214554

Ion Ratio Lower Upper

95 100

174 78.0 0.0 147.6

176 74.1 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)

12.40

150000

100000

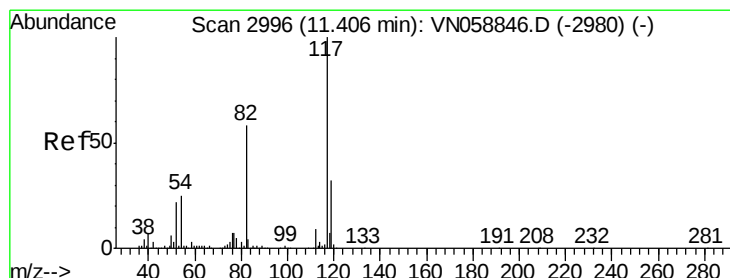
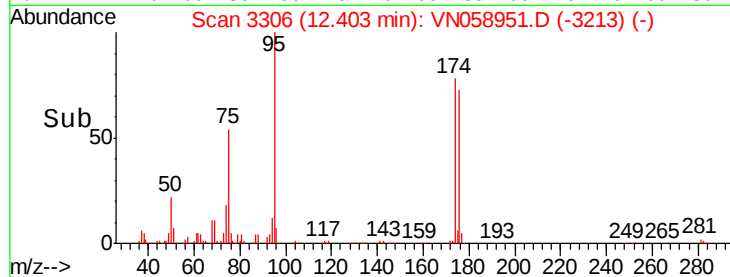
50000

0

12.40

12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058951.D

Acq: 24 Oct 2019 11:32

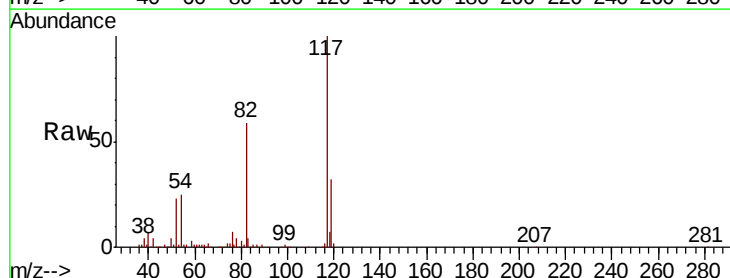
Tgt Ion: 117 Resp: 478671

Ion Ratio Lower Upper

117 100

82 58.7 46.6 69.8

119 31.8 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)

11.41

300000

200000

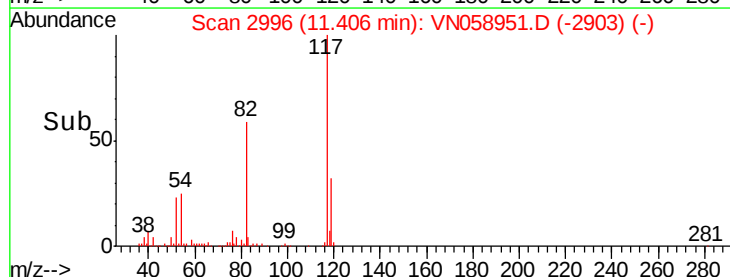
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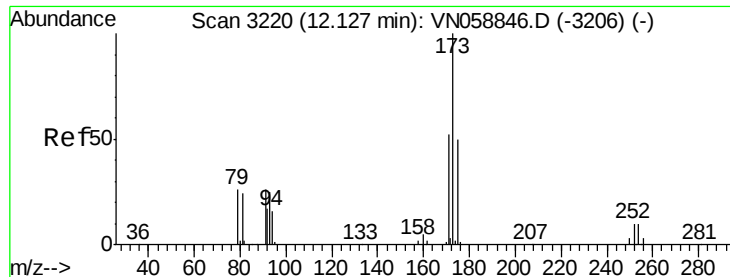
0

11.40

11.50

Time-->





#71

Bromoform

Concen: 0.267 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN058951.D

Acq: 24 Oct 2019 11:32

Instrument :

MSVOA_N

ClientSampled :

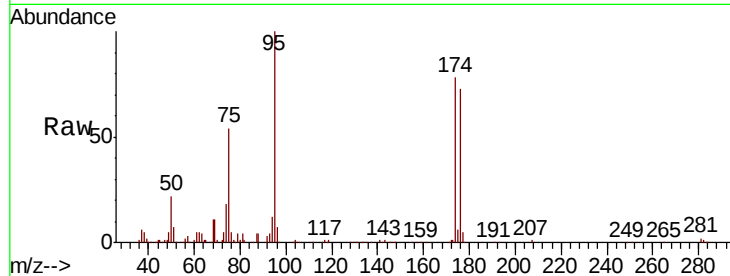
Tot Ion:173 Resp: 761

Ion Ratio Lower Upper

173 100

175 1233.4 24.7 74.1#

254 0.0 0.0 0.0

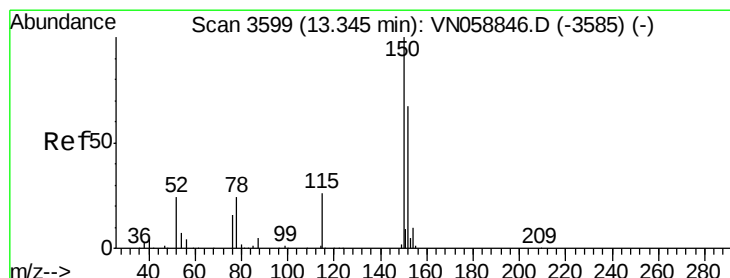
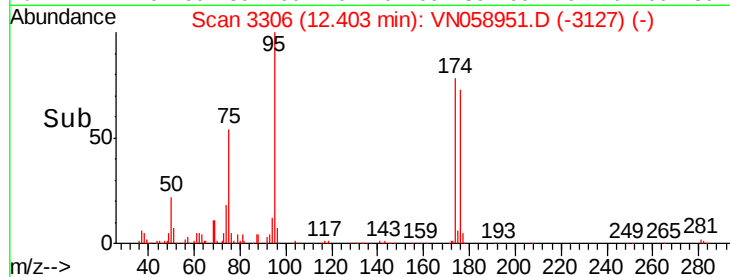
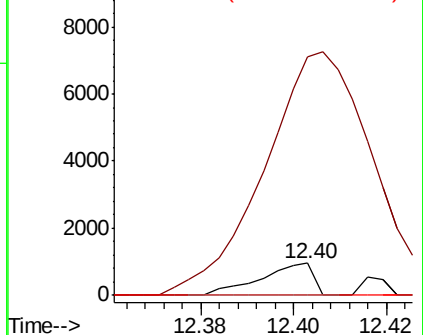


Abundance

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# 3600

Delta R.T. 0.00 min

Lab File: VN058951.D

Acq: 24 Oct 2019 11:32

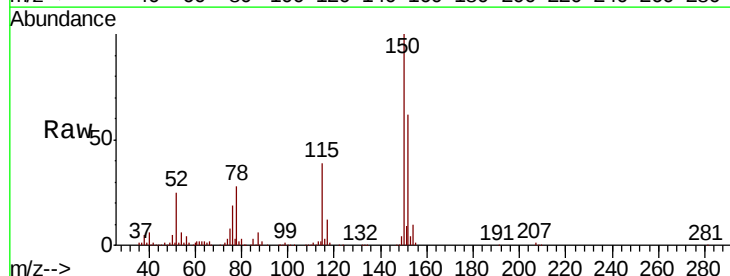
Tgt Ion:152 Resp: 169666

Ion Ratio Lower Upper

152 100

115 62.1 30.5 91.5

150 161.2 0.0 344.4

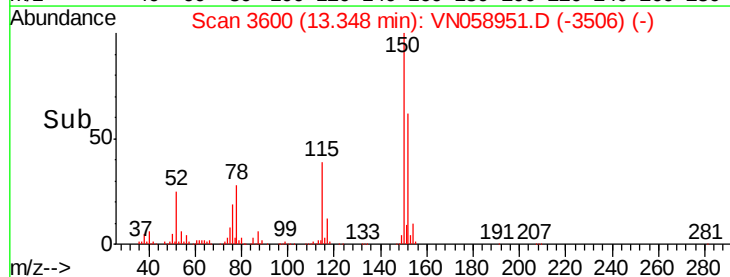
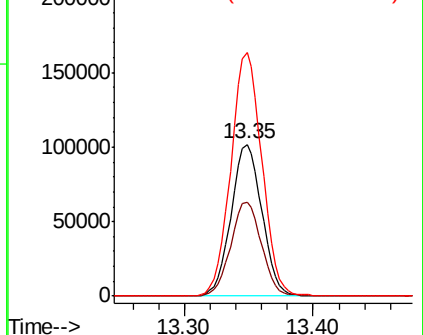


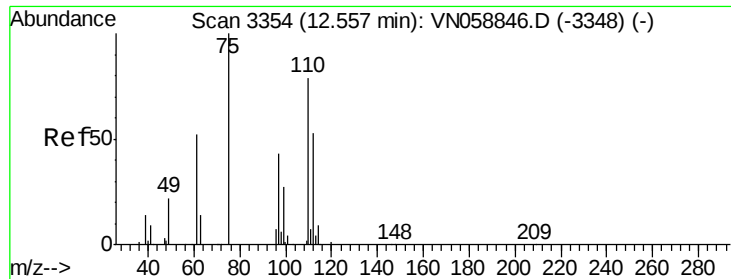
Abundance

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

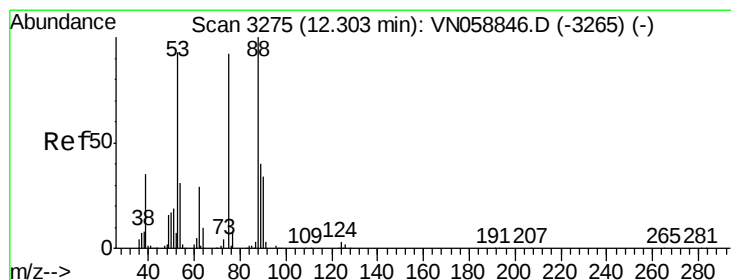
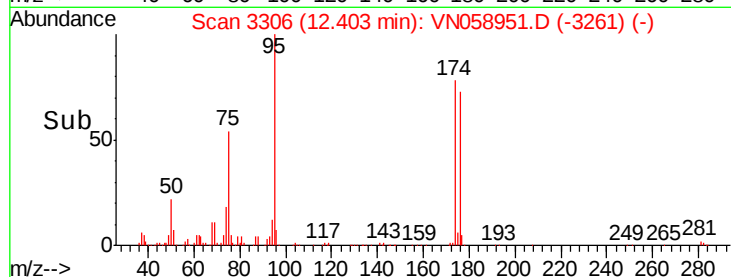
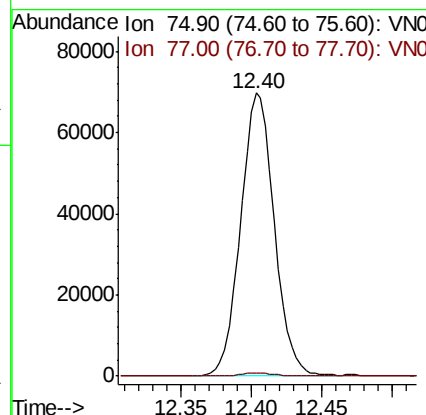
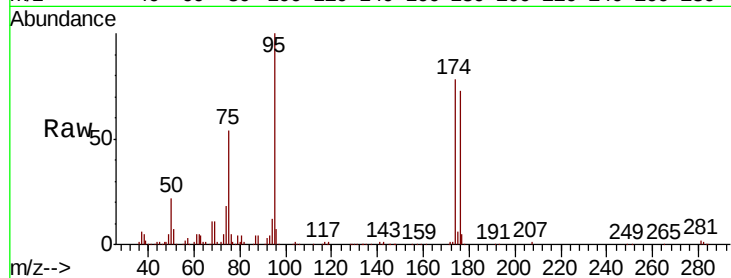




#76
 1,2,3-Trichloropropane
 Concen: 29.659 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN058951.D
 Acq: 24 Oct 2019 11:32

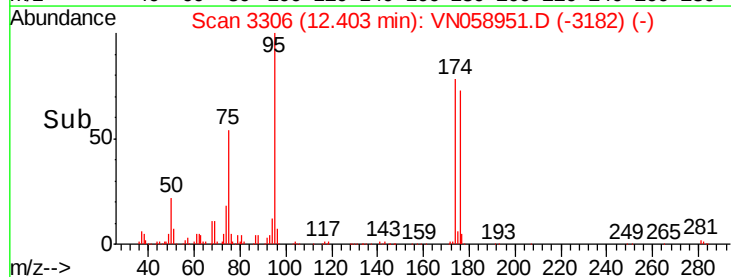
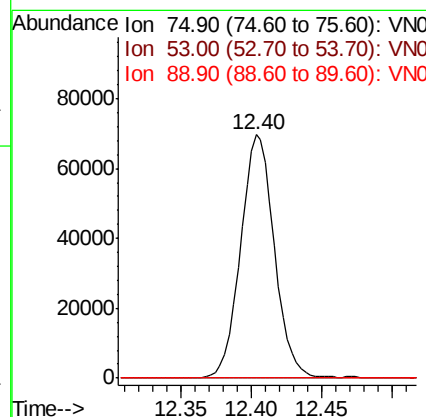
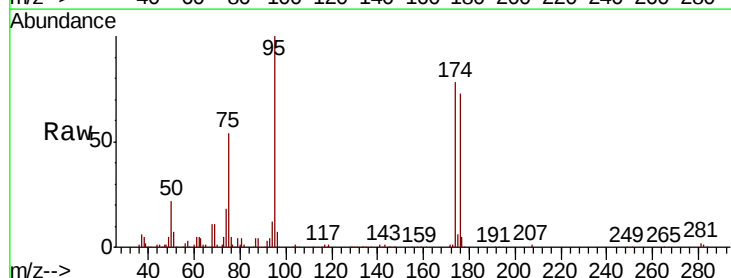
Instrument :
 MSVOA_N
 ClientSampleId :

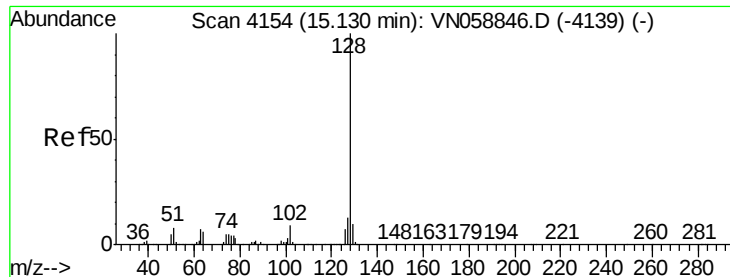
Tot Ion: 75 Resp: 116624
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.263 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058951.D
 Acq: 24 Oct 2019 11:32

Tgt Ion: 75 Resp: 116624
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 118.0#
 89 0.0 35.4 53.0#





#95

Naphthalene

Concen: 2.271 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN058951.D

Acq: 24 Oct 2019 11:32

Instrument :

MSVOA_N

ClientSampled :

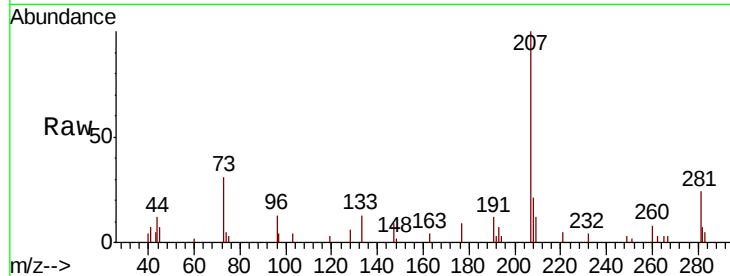
Tot Ion:128 Resp: 460

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

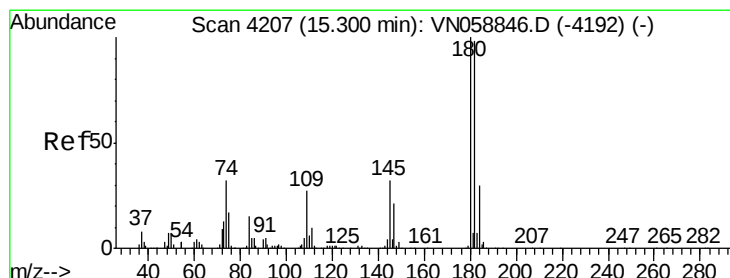
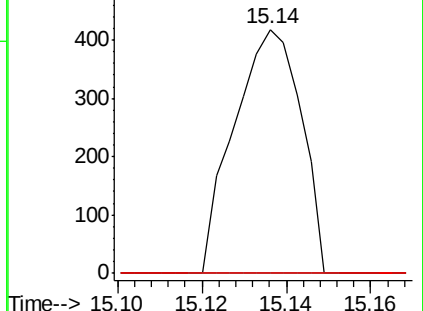
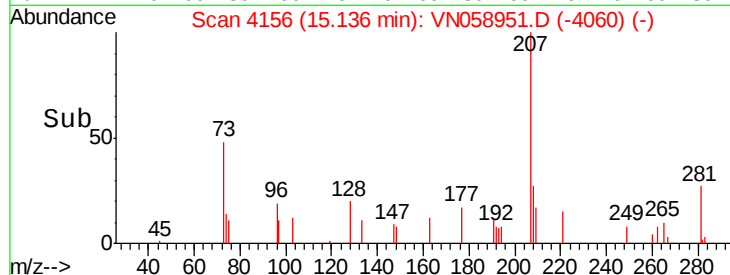
129 0.0 8.4 12.6#



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



#96

1,2,3-Trichlorobenzene

Concen: 2.426 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058951.D

Acq: 24 Oct 2019 11:32

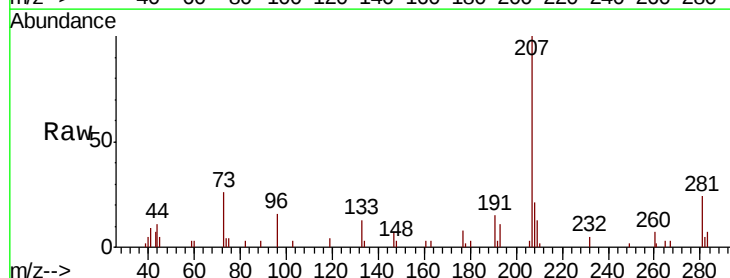
Tgt Ion:180 Resp: 108

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.7#

145 26.9 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

