

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064910.D
 Acq On : 4 Dec 2020 11:23
 Operator : JC/MD
 Sample : VN1204MBL01
 Misc : 5.00G/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBL01

Quant Time: Dec 05 01:24:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	171923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	301982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	104436	52.25	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.50%
35) Dibromofluoromethane	7.55	113	96699	53.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.02%
50) Toluene-d8	10.06	98	380209	51.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.00%
62) 4-Bromofluorobenzene	12.37	95	146818	55.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.14%

Target Compounds

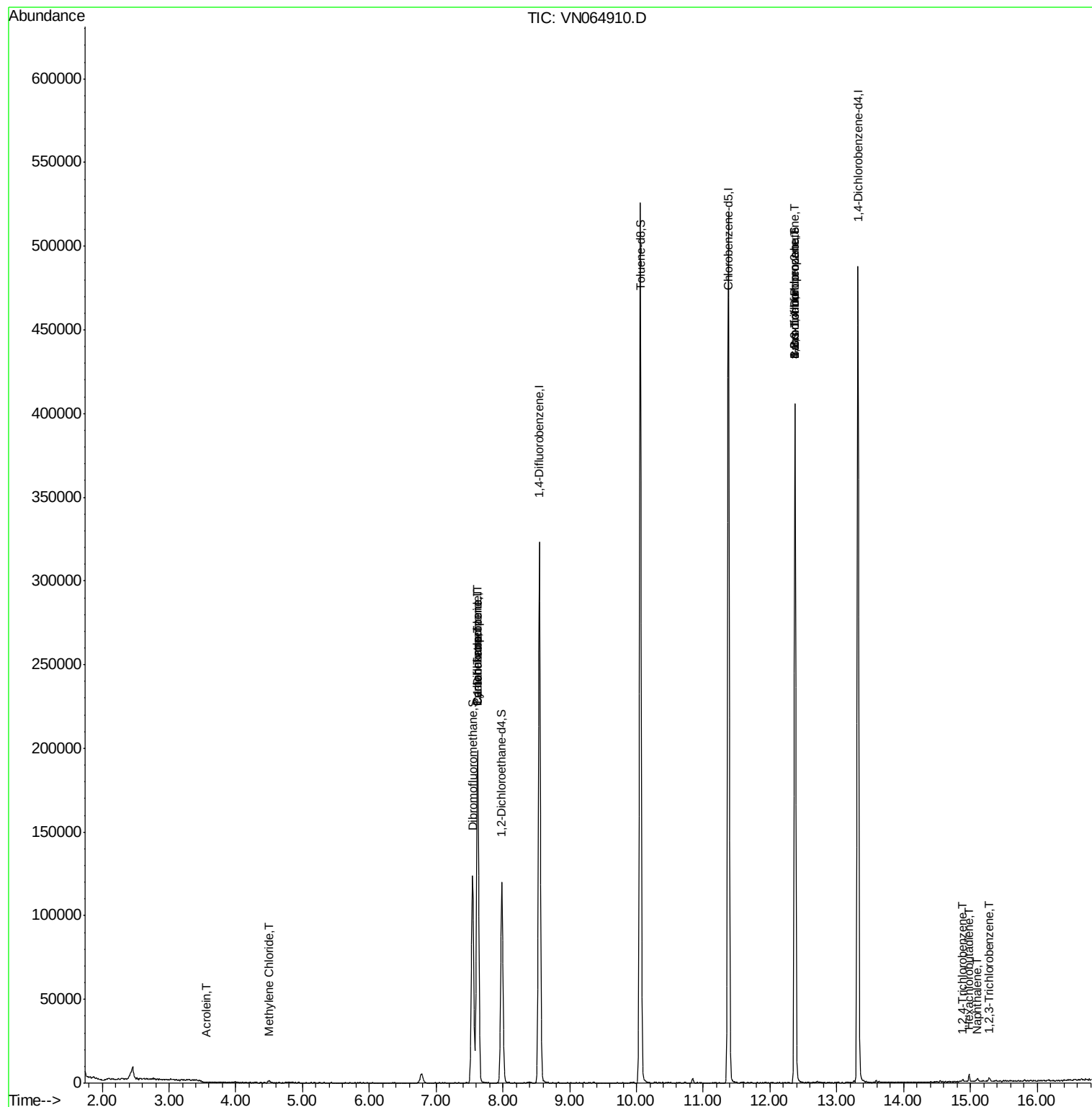
					Qvalue
13) Acrolein	3.56	56	61	0.320 ug/l #	14
20) Methylene Chloride	4.50	84	719	0.349 ug/l #	80
31) Cyclohexane	7.62	56	3097	1.112 ug/l #	1
36) 1,1-Dichloropropene	7.62	75	11557	4.129 ug/l #	47
38) Carbon Tetrachloride	7.62	117	16257	5.582 ug/l #	18
71) Bromoform	12.37	173	406	0.204 ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	68654	22.781 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	68654	62.437 ug/l #	15
93) 1,2,4-Trichlorobenzene	14.89	180	732	0.258 ug/l #	88
94) Hexachlorobutadiene	14.98	225	1309	1.391 ug/l	84
95) Naphthalene	15.11	128	2931	0.345 ug/l #	71
96) 1,2,3-Trichlorobenzene	15.28	180	1215	1.831 ug/l #	64

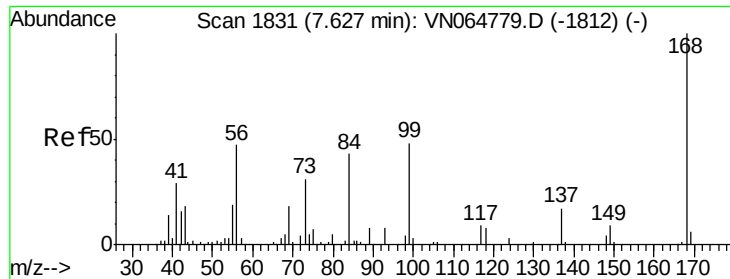
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120420\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064910.D

Acq: 4 Dec 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

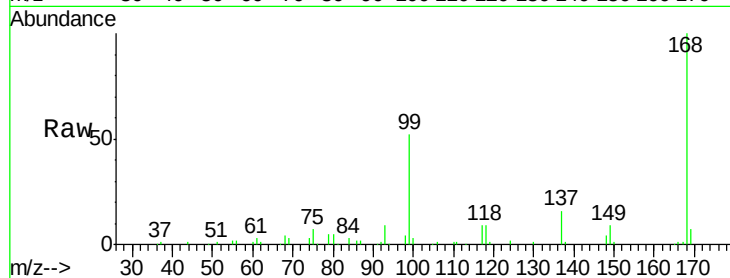
VN1204MBL01

Tot Ion:168 Resp: 171923

Ion Ratio Lower Upper

168 100

99 51.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

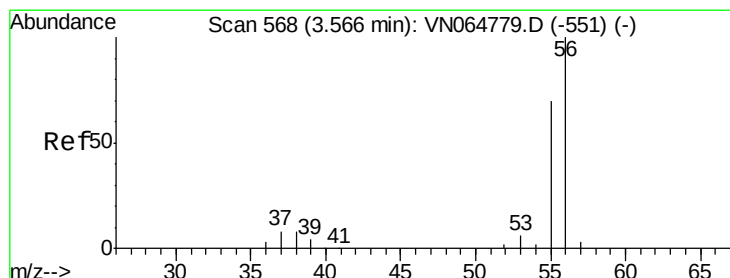
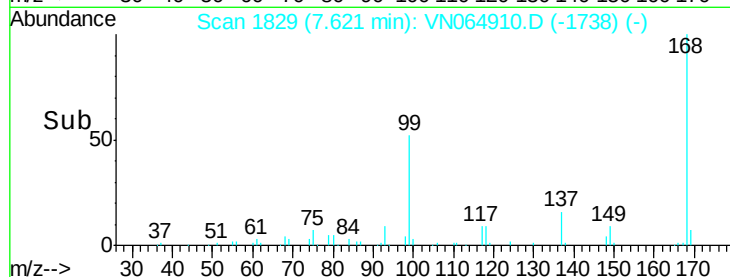
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#13

Acrolein

Concen: 0.320 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064910.D

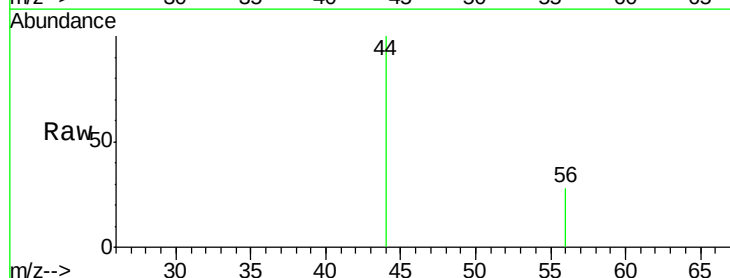
Acq: 4 Dec 2020 11:23

Tgt Ion: 56 Resp: 61

Ion Ratio Lower Upper

56 100

55 0.0 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.56

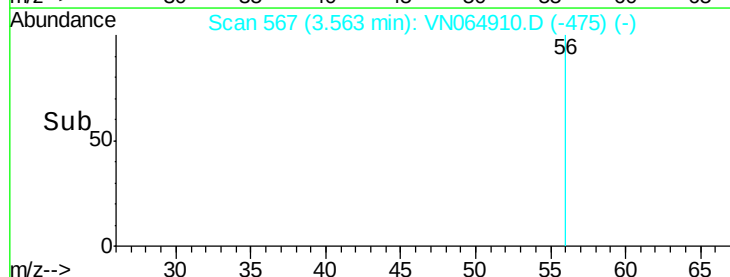
150

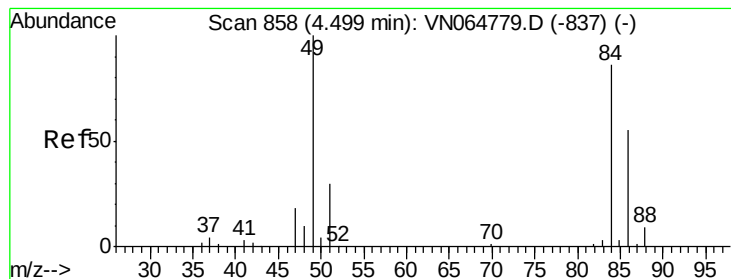
100

50

0

Time--> 3.55 3.56 3.57





#20

Methvlene Chloride

Concen: 0.349 ug/l

RT: 4.50 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN064910.D

Acq: 4 Dec 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBL01

Tot Ion: 84 Resp: 719

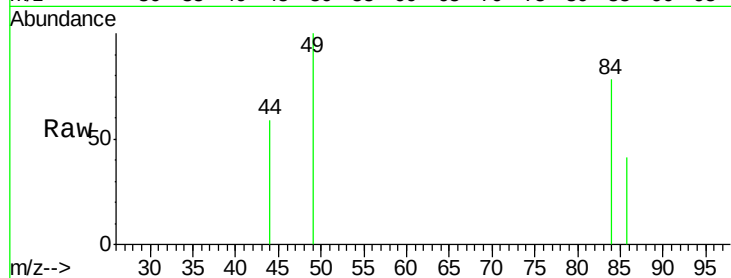
Ion Ratio Lower Upper

84 100

49 128.4 93.4 140.0

51 0.0 28.2 42.4#

86 53.0 51.7 77.5

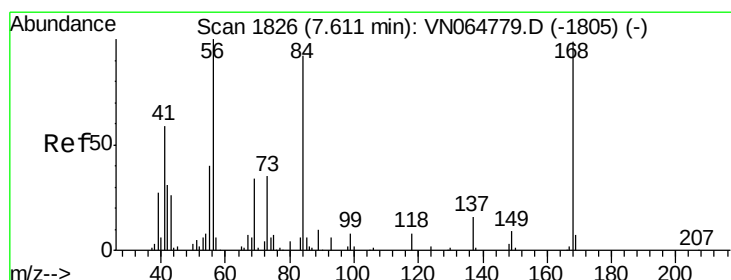
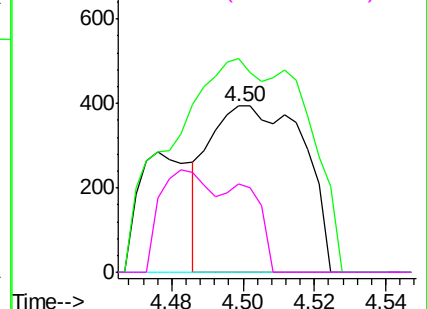
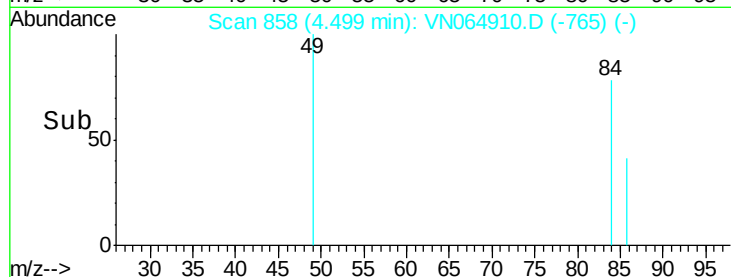


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 1.112 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064910.D

Acq: 4 Dec 2020 11:23

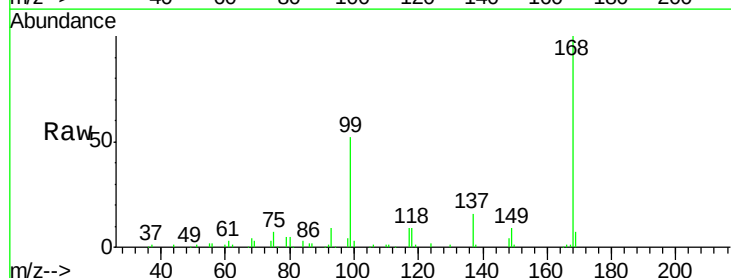
Tgt Ion: 56 Resp: 3097

Ion Ratio Lower Upper

56 100

69 174.1 27.5 41.3#

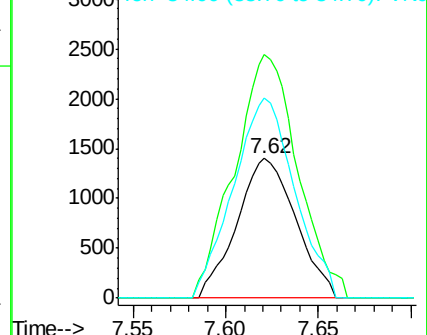
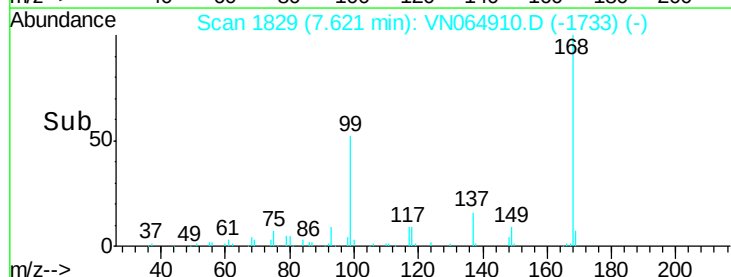
84 143.5 73.9 110.9#

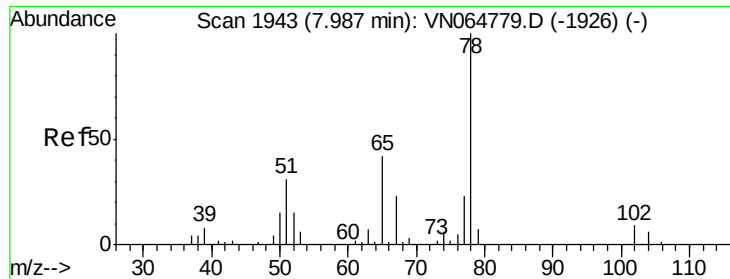


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

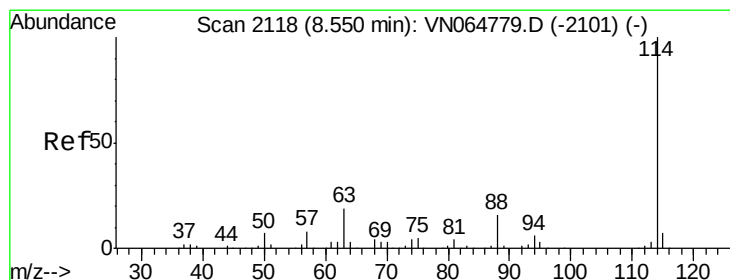
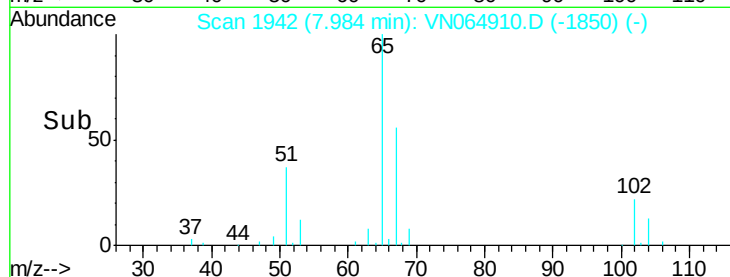
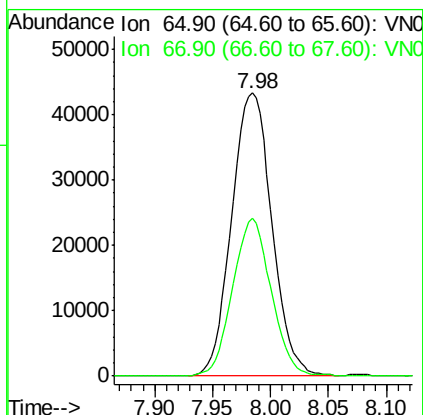
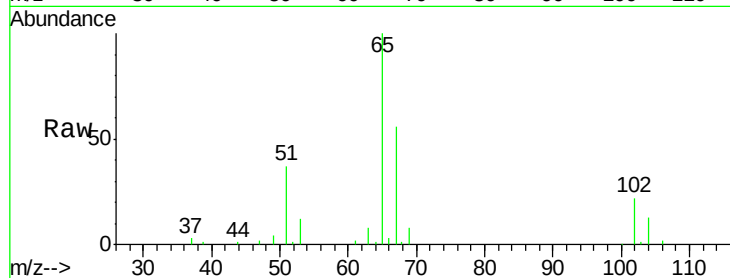




#33
 1,2-Dichloroethane-d4
 Concen: 52.251 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064910.D
 Acq: 4 Dec 2020 11:23

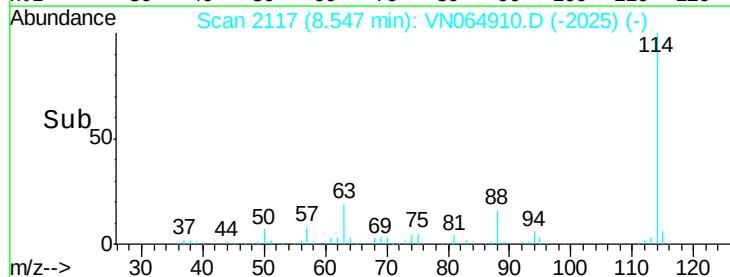
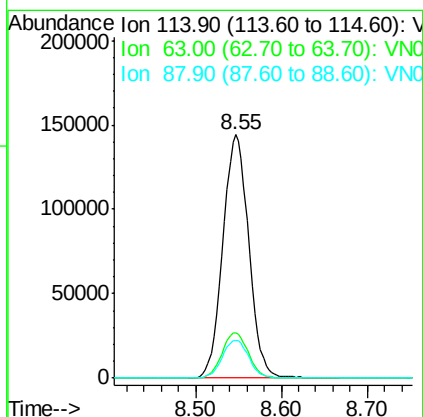
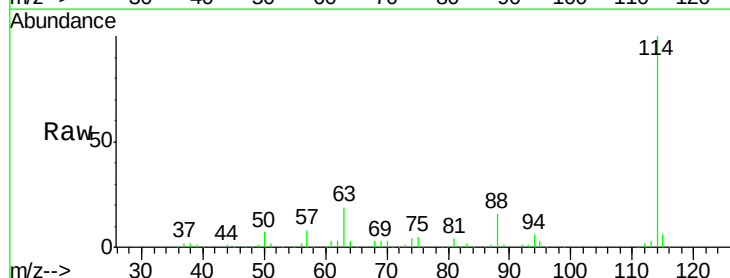
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBL01

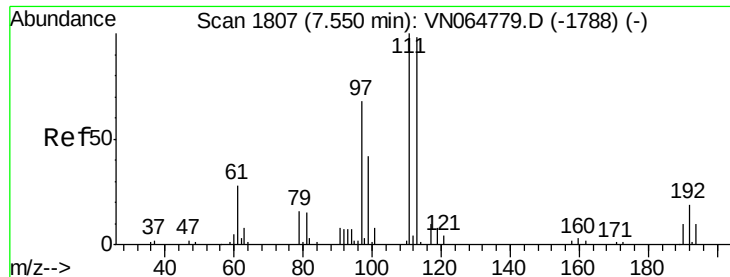
Tot Ion: 65 Resp: 104436
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064910.D
 Acq: 4 Dec 2020 11:23

Tgt Ion: 114 Resp: 301982
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 15.6 0.0 32.6

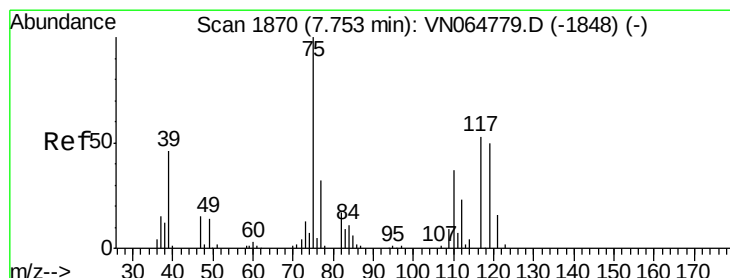
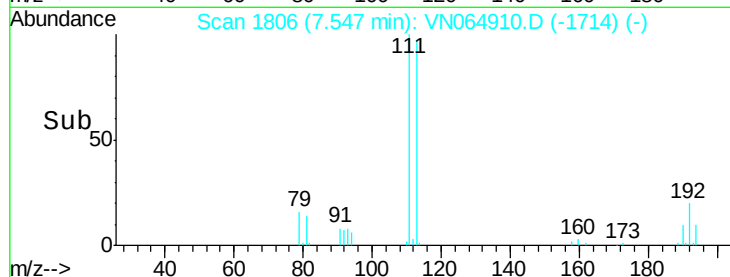
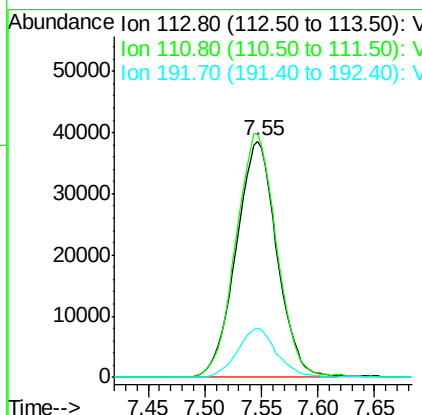
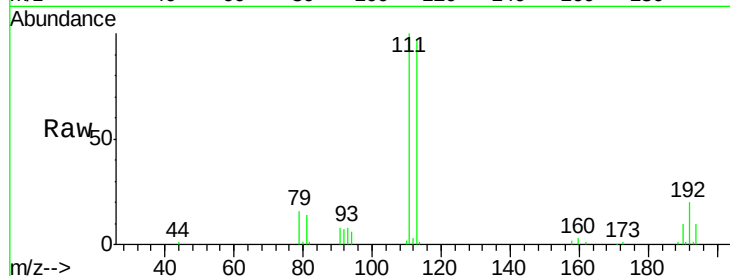




#35
 Dibromofluoromethane
 Concen: 53.515 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064910.D
 Acq: 4 Dec 2020 11:23

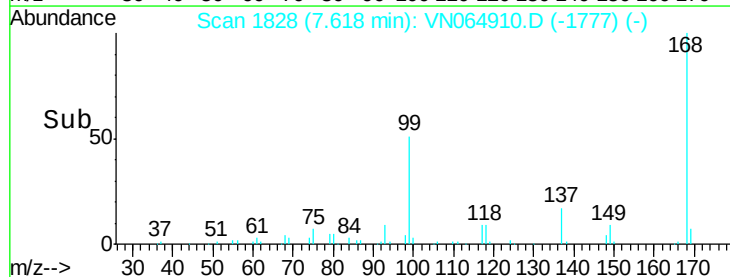
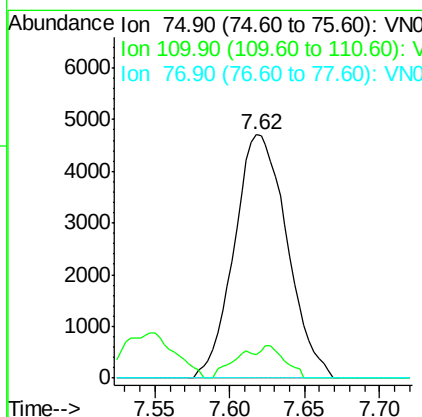
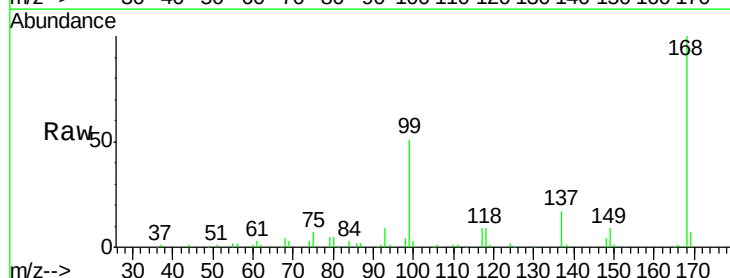
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBL01

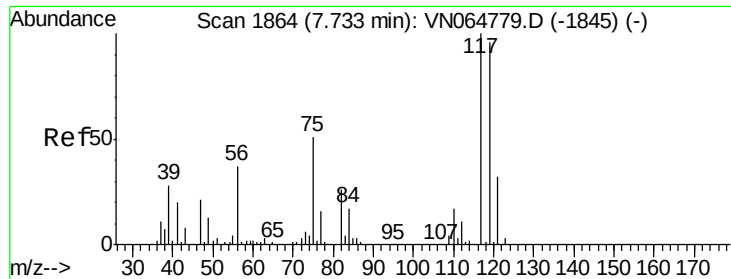
Tot Ion:113 Resp: 96699
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.6 122.4
 192 19.9 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.129 ug/l
 RT: 7.62 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN064910.D
 Acq: 4 Dec 2020 11:23

Tgt Ion: 75 Resp: 11557
 Ion Ratio Lower Upper
 75 100
 110 6.2 17.8 53.3#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.582 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. -0.12 min

Lab File: VN064910.D

Acq: 4 Dec 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBL01

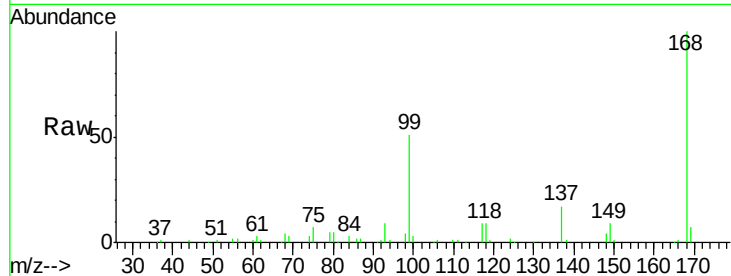
Tot Ion:117 Resp: 16257

Ion Ratio Lower Upper

117 100

119 7.9 76.7 115.1#

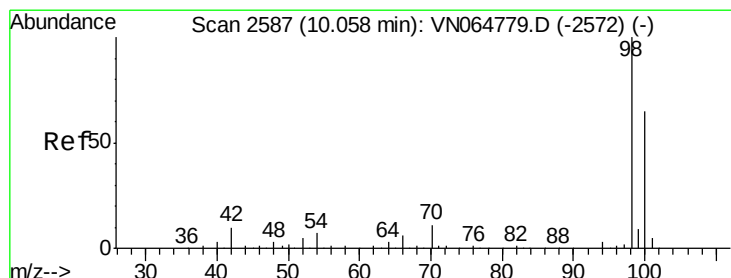
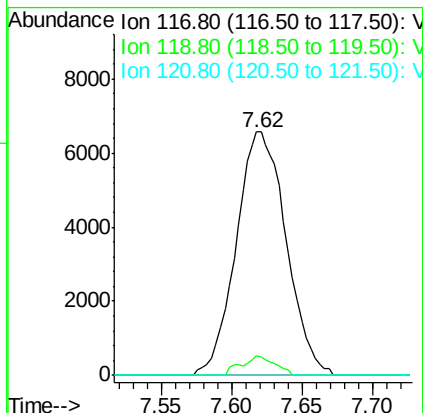
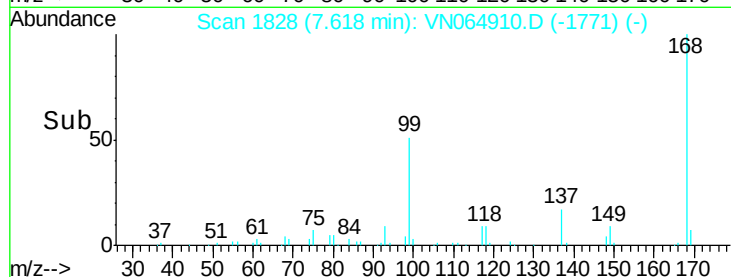
121 0.0 25.4 38.2#



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: 51.497 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064910.D

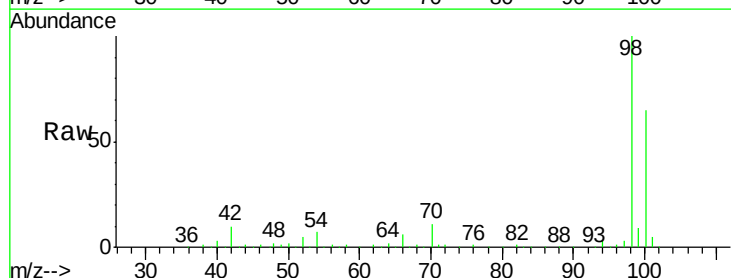
Acq: 4 Dec 2020 11:23

Tgt Ion: 98 Resp: 380209

Ion Ratio Lower Upper

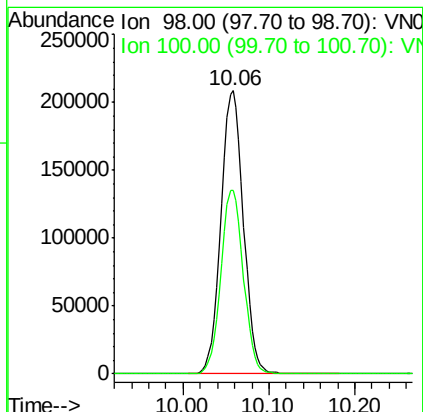
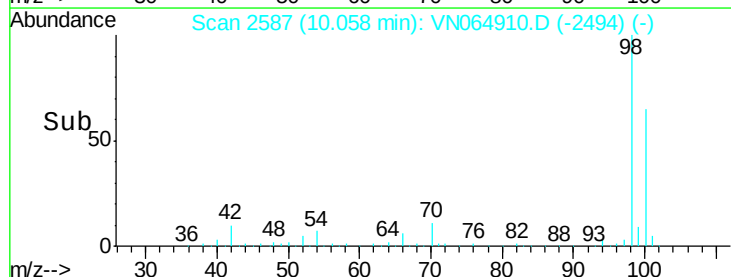
98 100

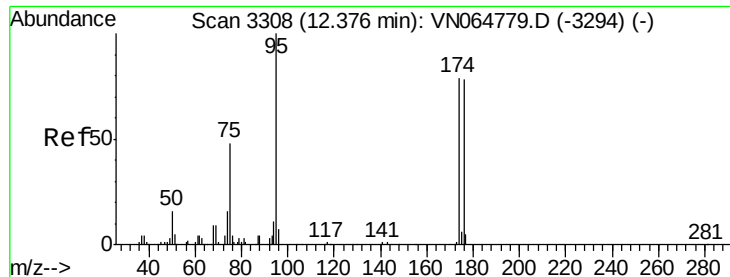
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

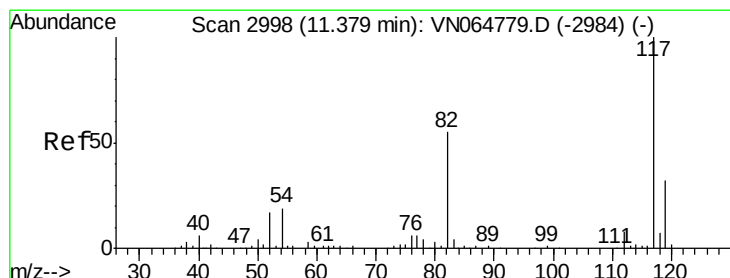
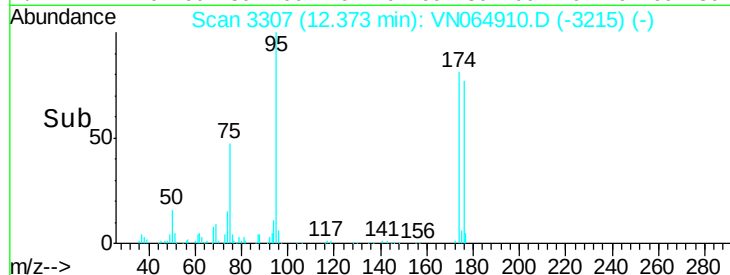
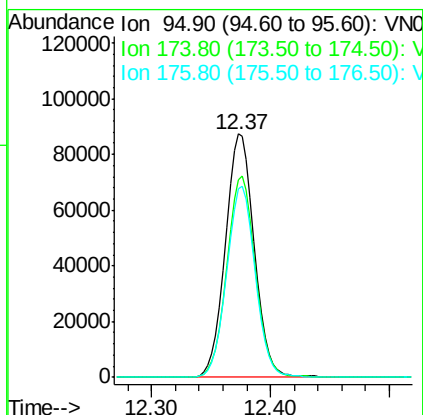
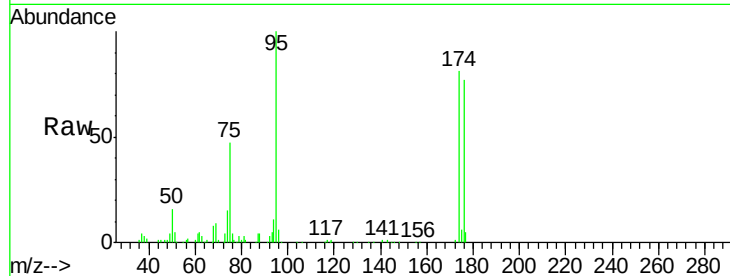




#62
4-Bromofluorobenzene
Concen: 55.565 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064910.D
Acq: 4 Dec 2020 11:23

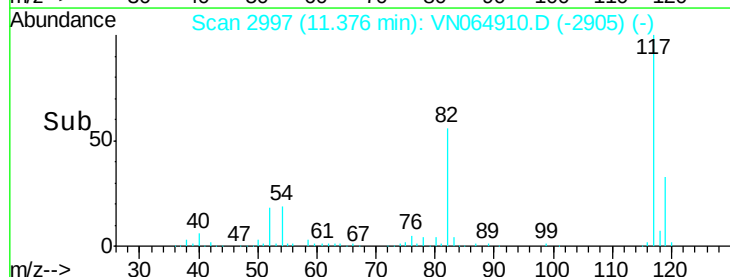
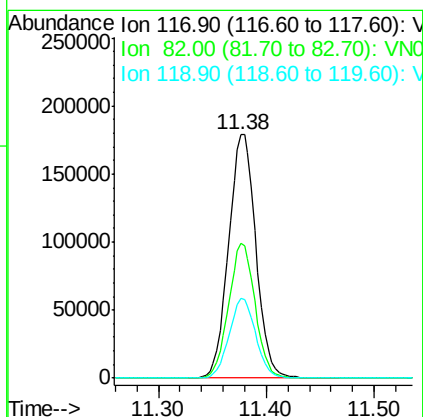
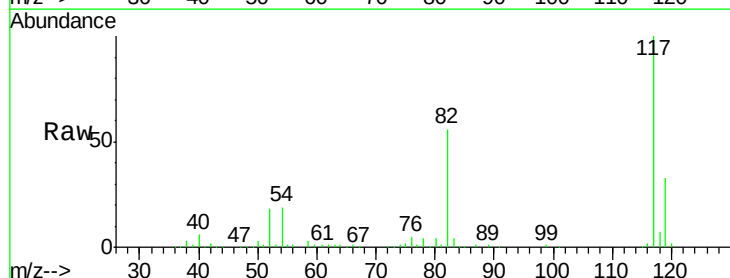
Instrument :
MSVOA_N
ClientSampleId :
VN1204MBL01

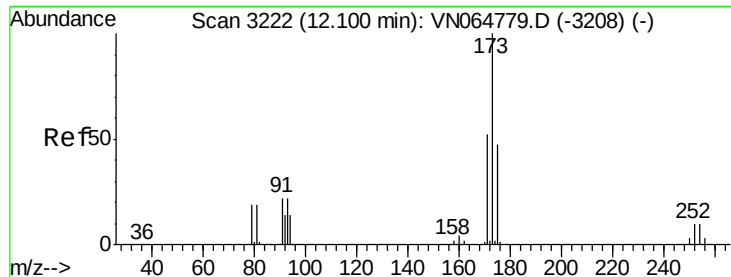
Tot Ion: 95 Resp: 146818
Ion Ratio Lower Upper
95 100
174 82.1 0.0 160.4
176 77.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064910.D
Acq: 4 Dec 2020 11:23

Tgt Ion: 117 Resp: 315224
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.6 25.8 38.6





#71

Bromoform

Concen: 0.204 ug/l

RT: 12.37 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN064910.D

Acq: 4 Dec 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBL01

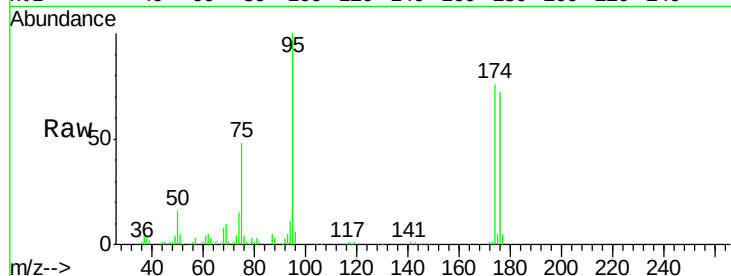
Tot Ion:173 Resp: 406

Ion Ratio Lower Upper

173 100

175 1787.7 24.3 72.8#

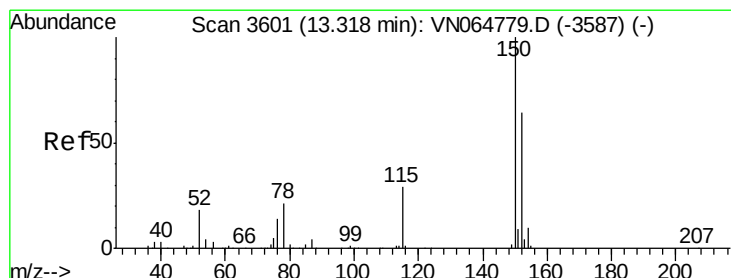
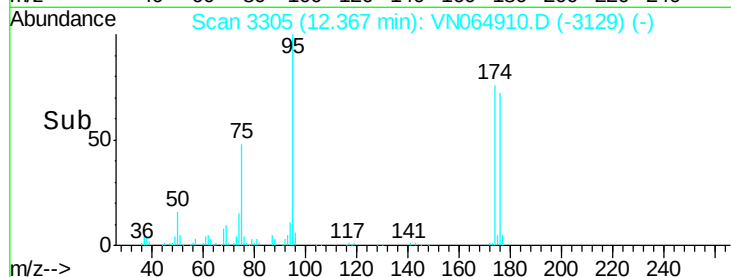
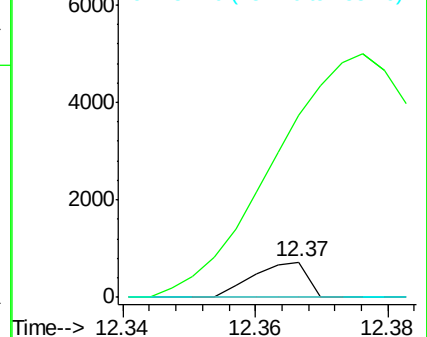
254 0.0 0.0 0.0



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: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064910.D

Acq: 4 Dec 2020 11:23

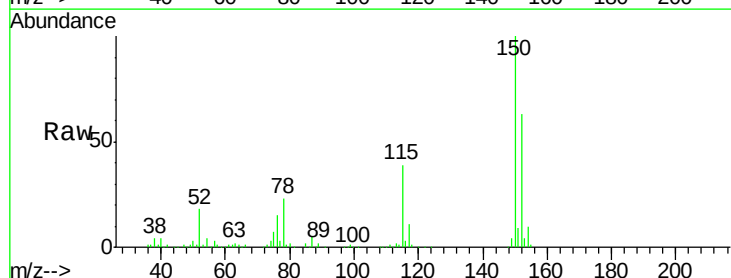
Tgt Ion:152 Resp: 139937

Ion Ratio Lower Upper

152 100

115 59.4 29.7 89.1

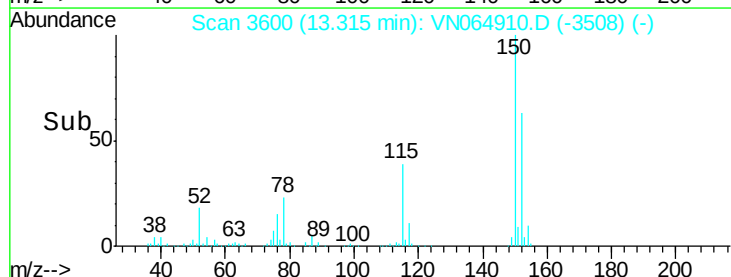
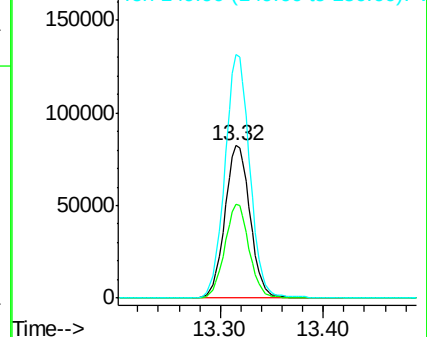
150 157.3 0.0 350.6

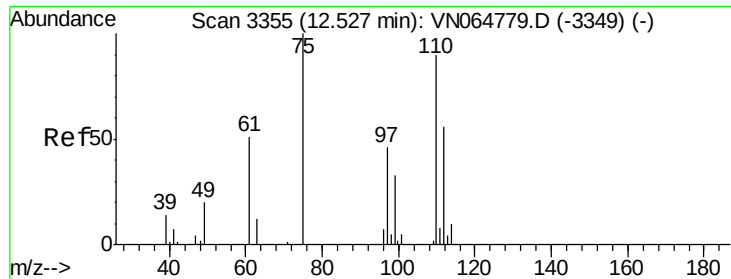


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.781 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064910.D

Acq: 4 Dec 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

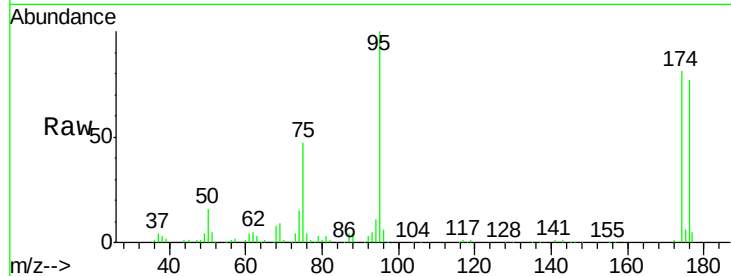
VN1204MBL01

Tot Ion: 75 Resp: 68654

Ion Ratio Lower Upper

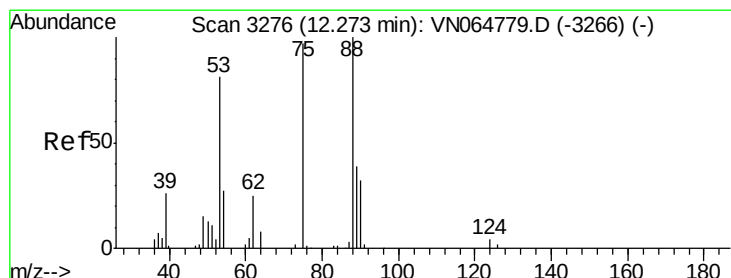
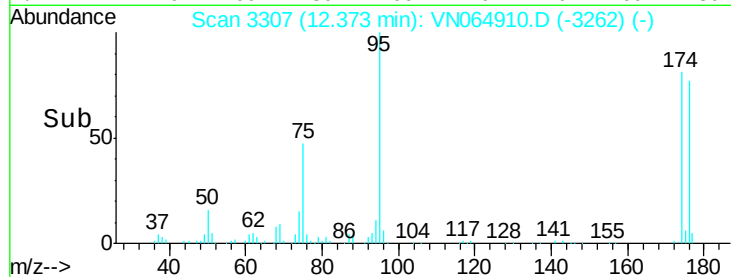
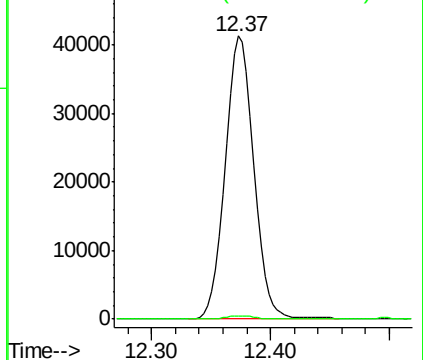
75 100

77 1.1 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: 62.437 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064910.D

Acq: 4 Dec 2020 11:23

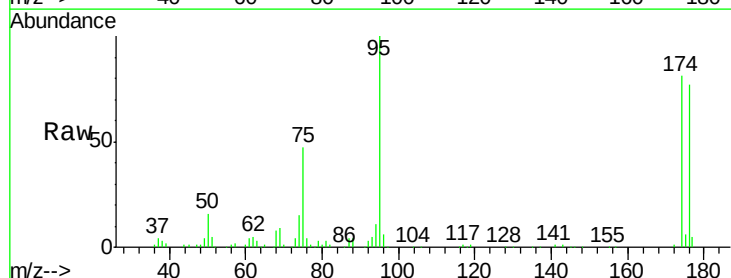
Tgt Ion: 75 Resp: 68654

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

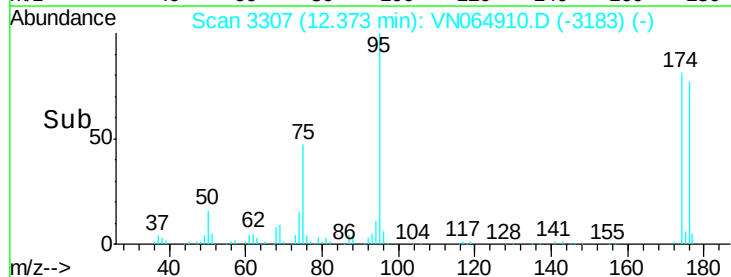
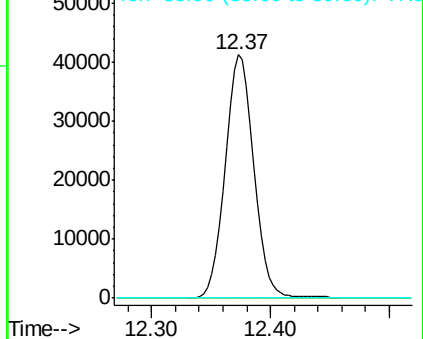
89 0.0 39.6 59.4#

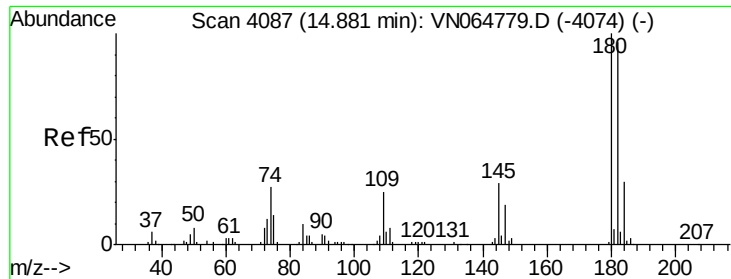


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

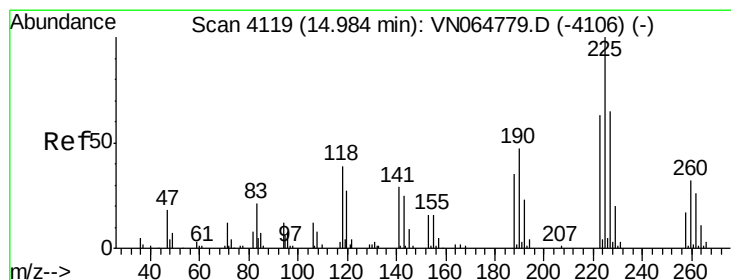
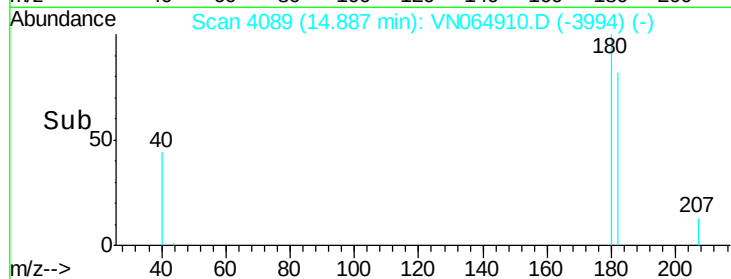
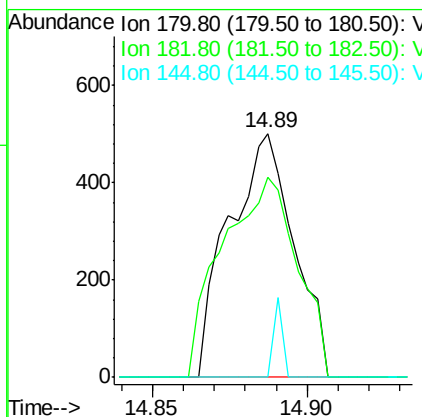
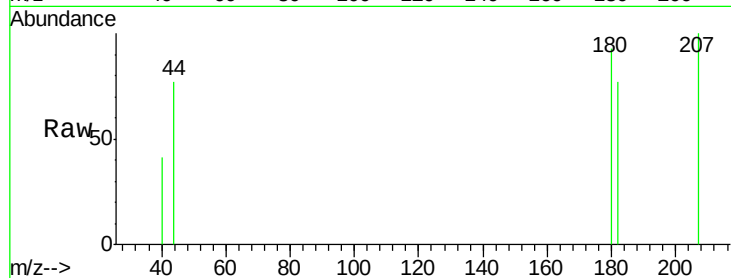




#93
 1,2,4-Trichlorobenzene
 Concen: 0.258 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN064910.D
 Acq: 4 Dec 2020 11:23

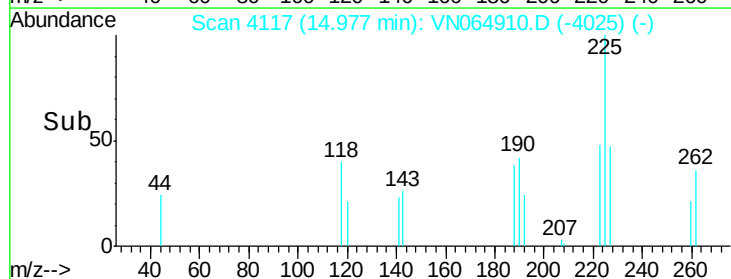
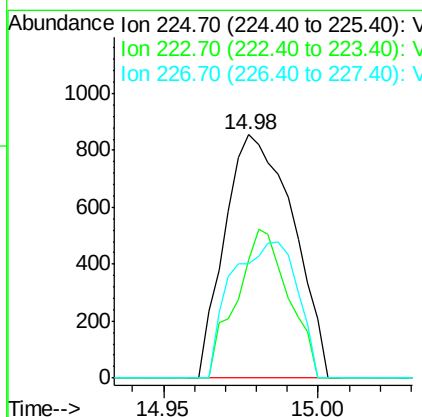
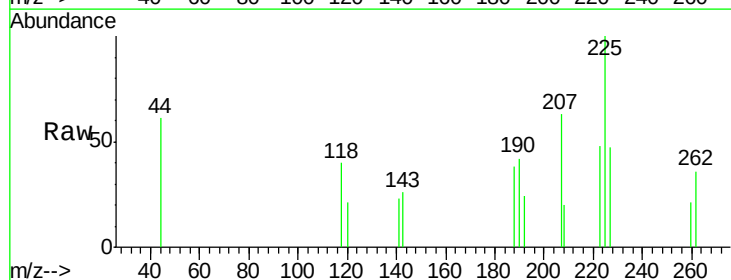
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBL01

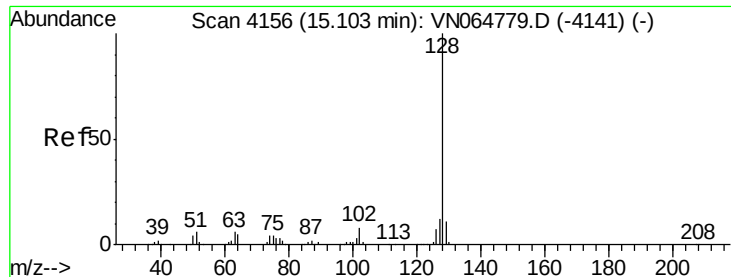
Tot Ion:180 Resp: 732
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.9
 145 4.4 15.3 45.8#



#94
 Hexachlorobutadiene
 Concen: 1.391 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.01 min
 Lab File: VN064910.D
 Acq: 4 Dec 2020 11:23

Tgt Ion:225 Resp: 1309
 Ion Ratio Lower Upper
 225 100
 223 46.7 31.0 93.0
 227 54.4 32.0 96.0





#95

Naphthalene

Concen: 0.345 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN064910.D

Acq: 4 Dec 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBL01

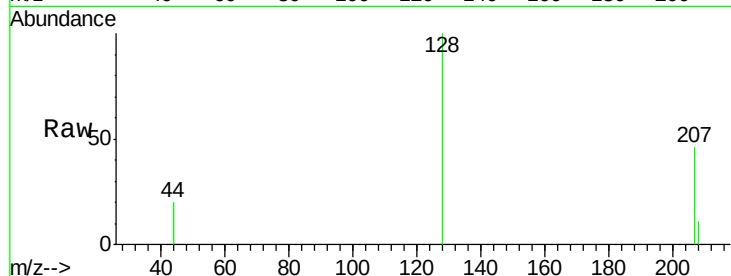
Tot Ion:128 Resp: 2931

Ion Ratio Lower Upper

128 100

127 1.0 10.3 15.5#

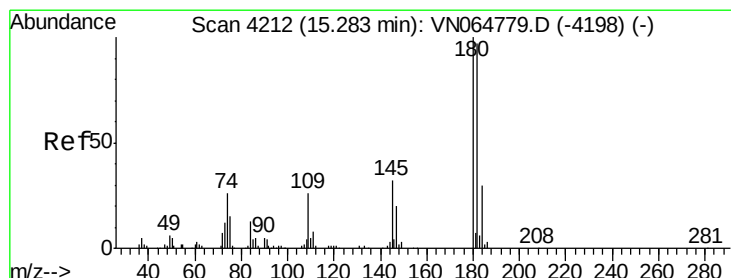
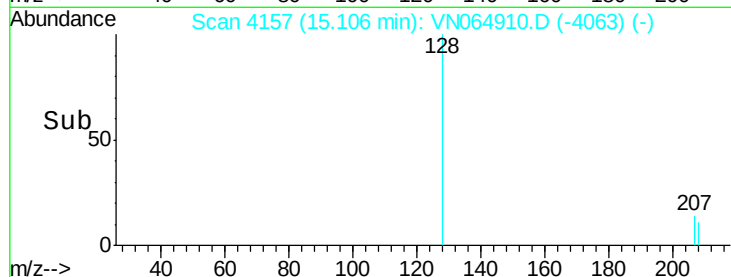
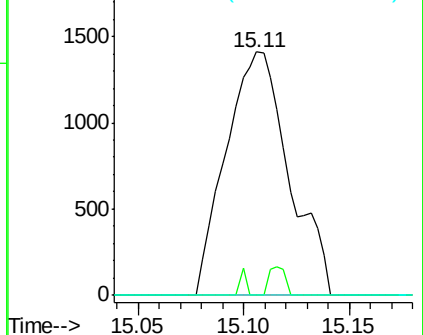
129 0.0 8.7 13.1#



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: 1.831 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064910.D

Acq: 4 Dec 2020 11:23

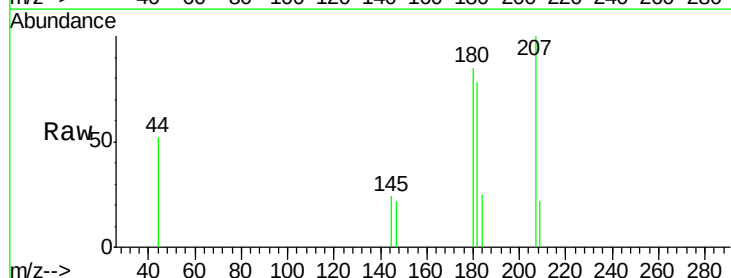
Tgt Ion:180 Resp: 1215

Ion Ratio Lower Upper

180 100

182 61.9 48.1 144.4

145 10.6 16.4 49.1#



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

