

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064104.D
 Acq On : 13 Oct 2020 16:22
 Operator : JC/MD
 Sample : L4250-04DL2 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08DL2

Quant Time: Oct 14 04:33:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	440298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	475586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208280	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	195833	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	7.55	113	151660	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	10.06	98	582513	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.38	95	246525	56.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.24%	

Target Compounds

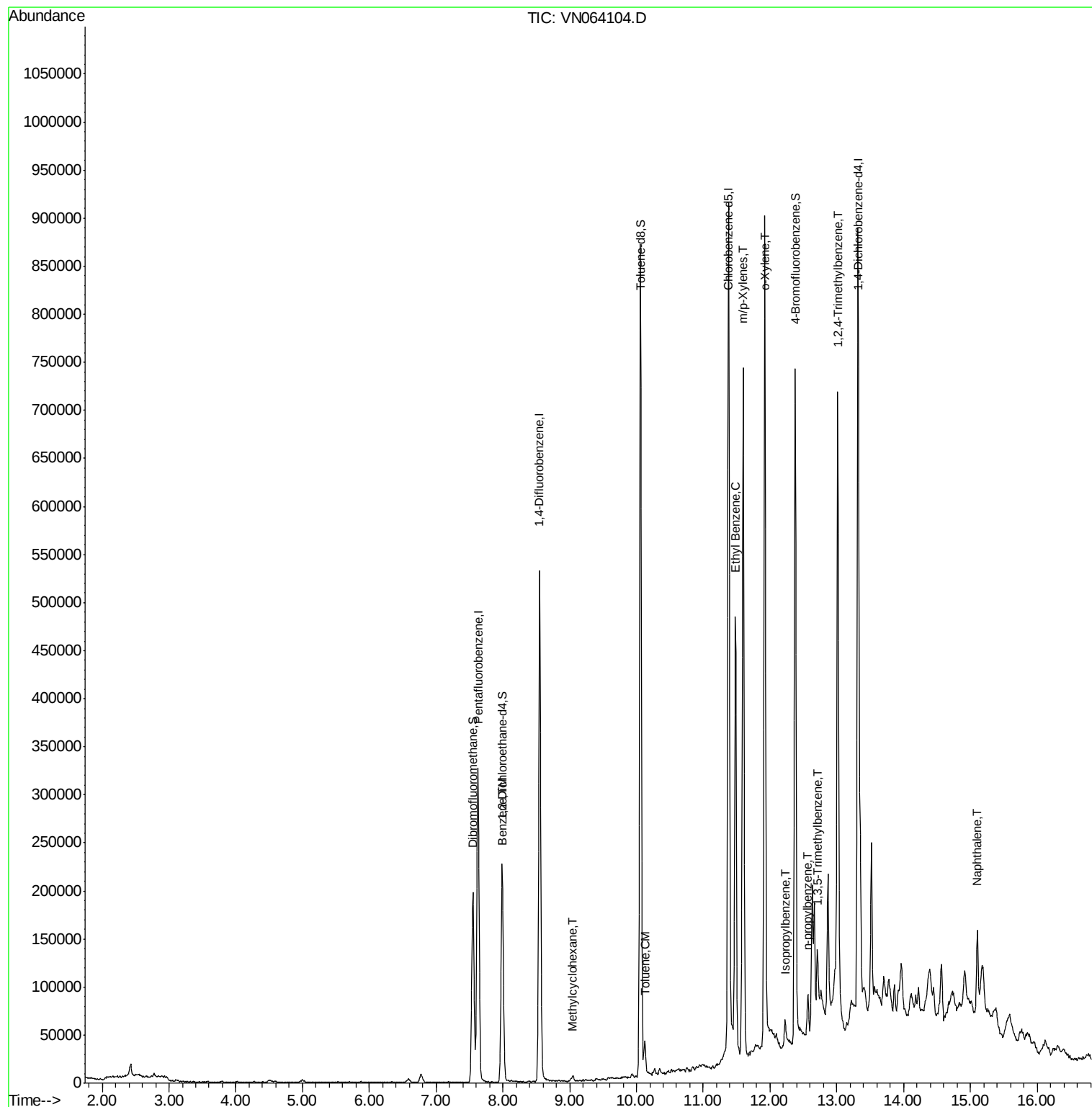
						Qvalue
39) Methylcyclohexane	9.05	83	2650	0.596	ug/l	# 76
40) Benzene	8.01	78	12589	0.988	ug/l	99
52) Toluene	10.13	92	13179	1.672	ug/l	97
67) Ethyl Benzene	11.49	91	314400	17.711	ug/l	99
68) m/p-Xylenes	11.60	106	216018	32.650	ug/l	99
69) o-Xylene	11.92	106	224241	36.262	ug/l	100
73) Isopropylbenzene	12.22	105	13745	0.905	ug/l	100
78) n-propylbenzene	12.57	91	32183	1.820	ug/l	93
80) 1,3,5-Trimethylbenzene	12.71	105	34737	2.726	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	326523	25.660	ug/l	99
95) Naphthalene	15.11	128	74478	8.296	ug/l	97

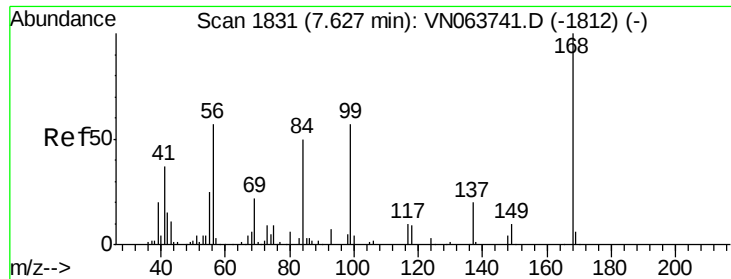
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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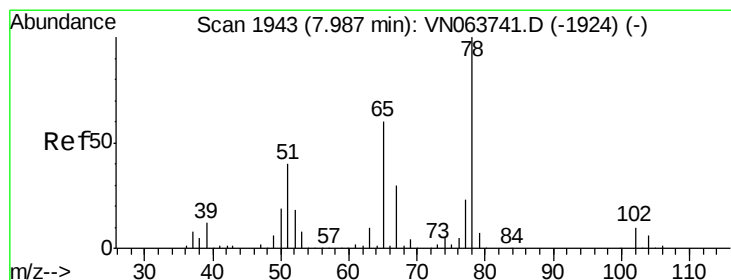
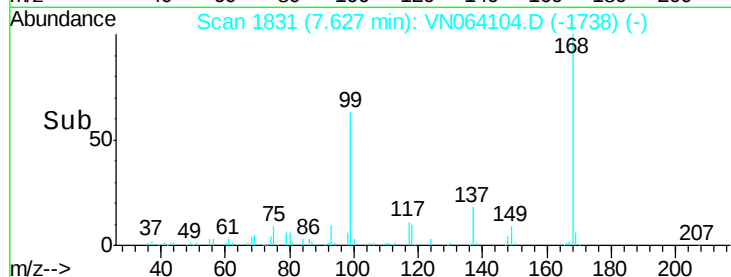
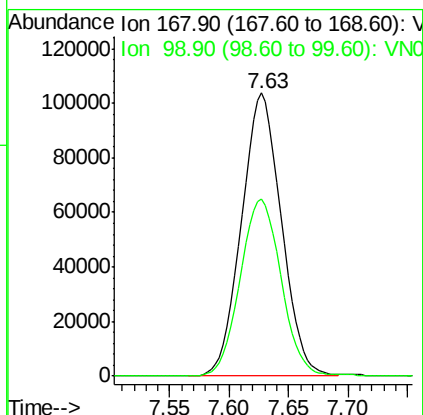
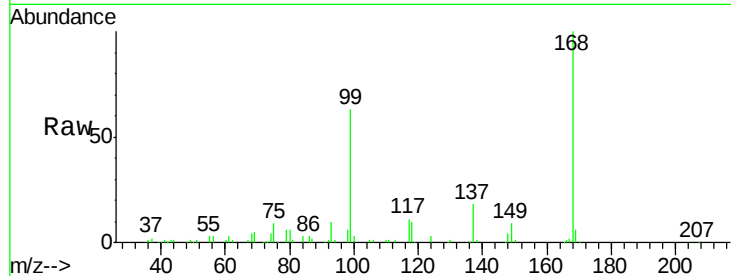




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

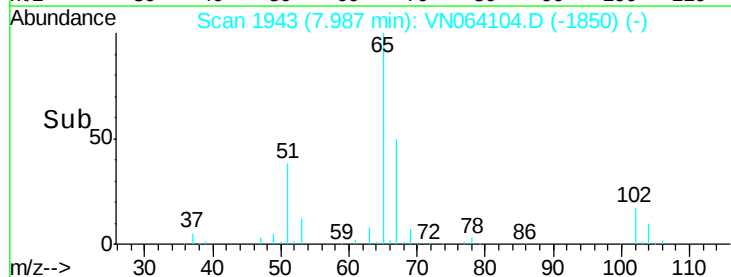
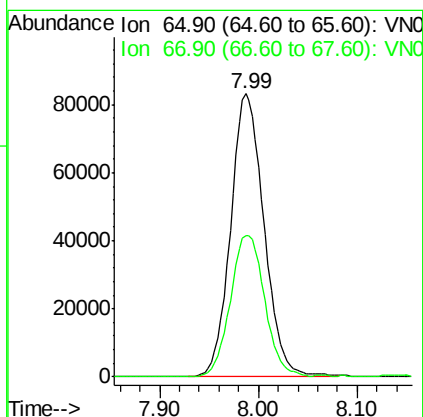
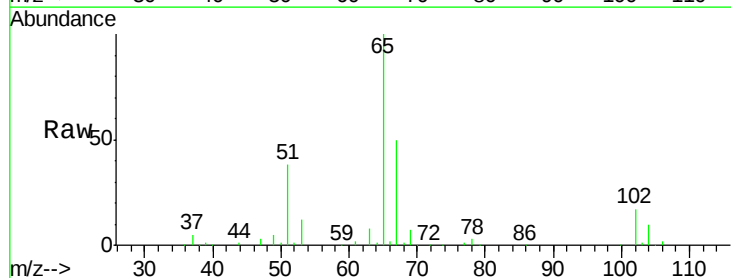
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL2

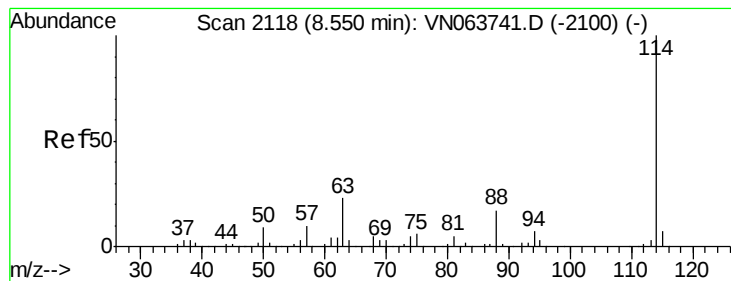
Tot Ion:168 Resp: 241096
Ion Ratio Lower Upper
168 100
99 62.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 49.166 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 65 Resp: 195833
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_N

ClientSampled :

MW-08DL2

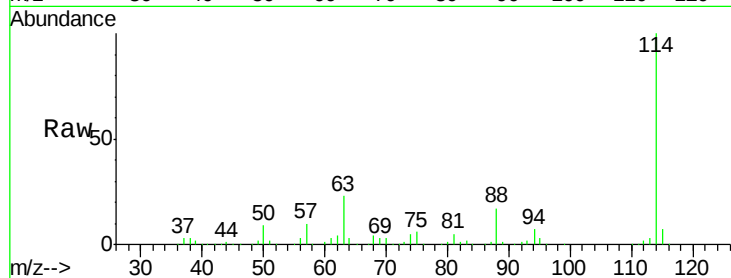
Tot Ion:114 Resp: 440298

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

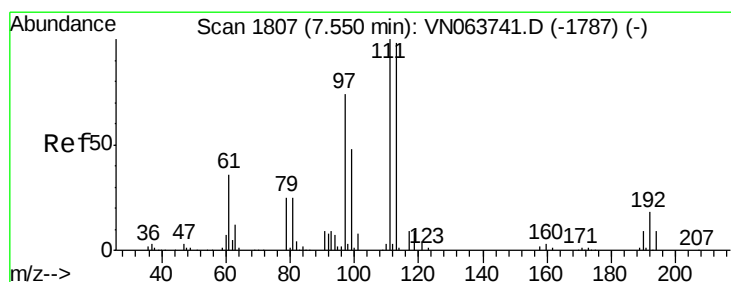
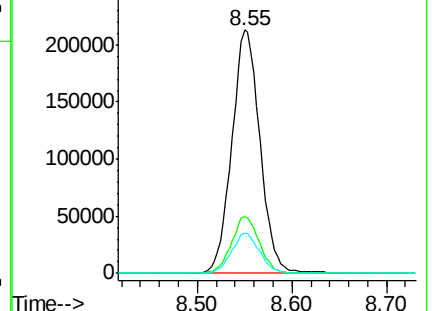
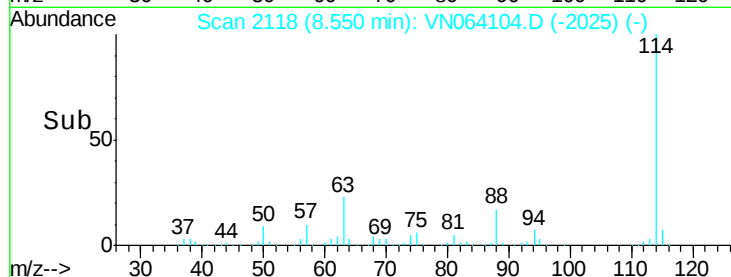
88 16.7 0.0 34.0



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: 49.641 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

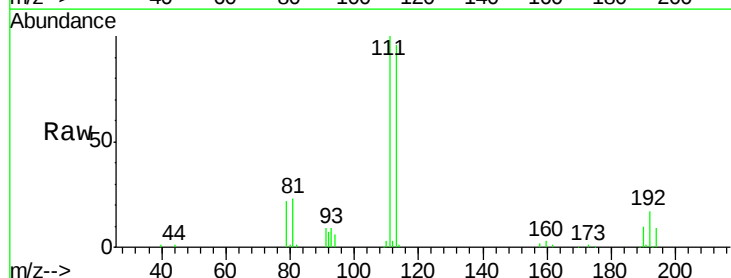
Tgt Ion:113 Resp: 151660

Ion Ratio Lower Upper

113 100

111 99.7 81.8 122.8

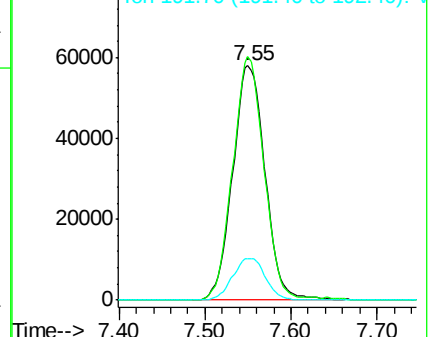
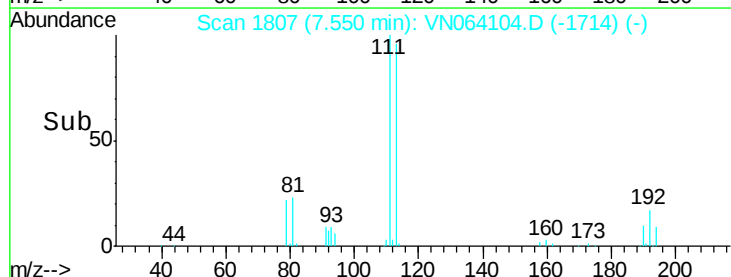
192 17.9 14.2 21.2

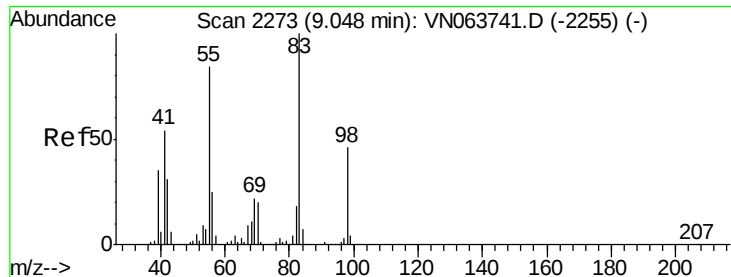


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

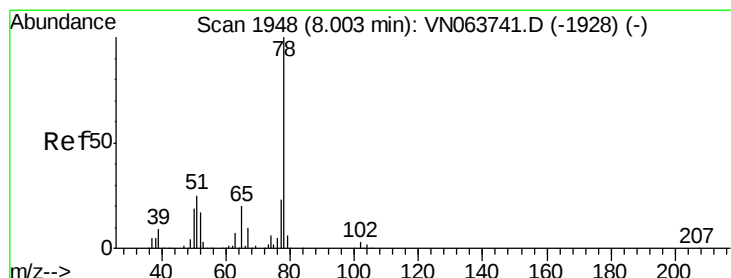
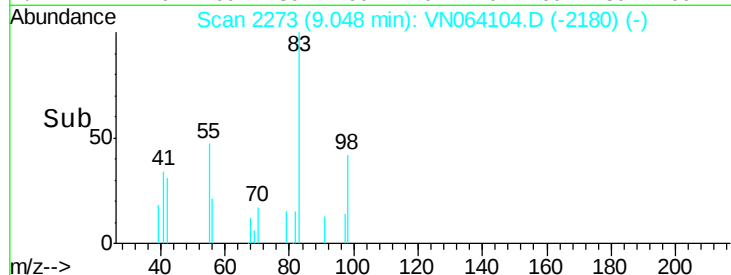
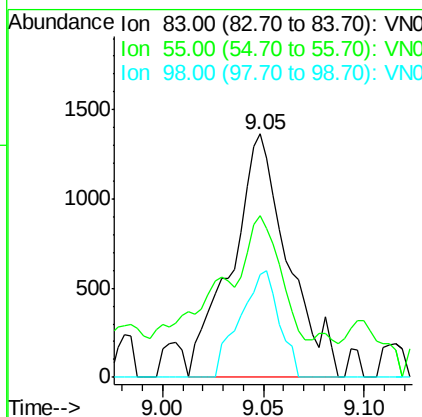
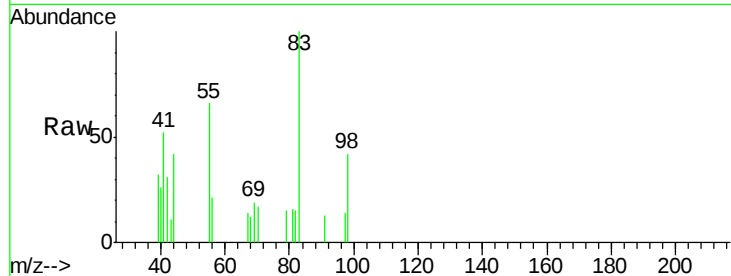




#39
Methylcyclohexane
Concen: 0.596 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

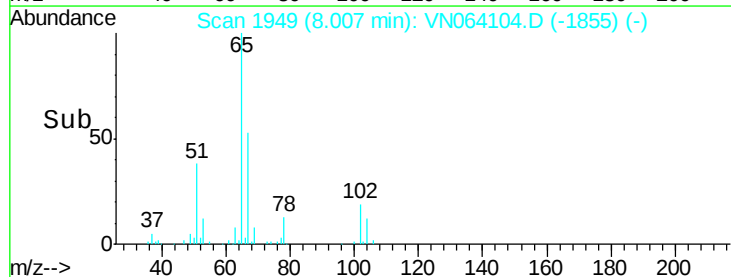
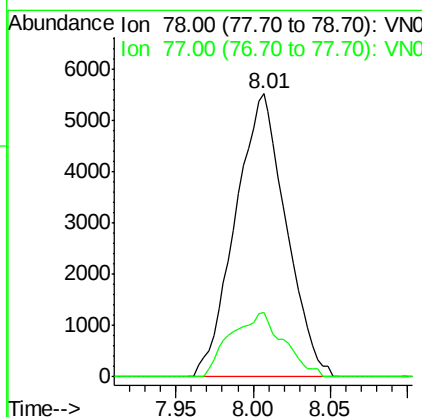
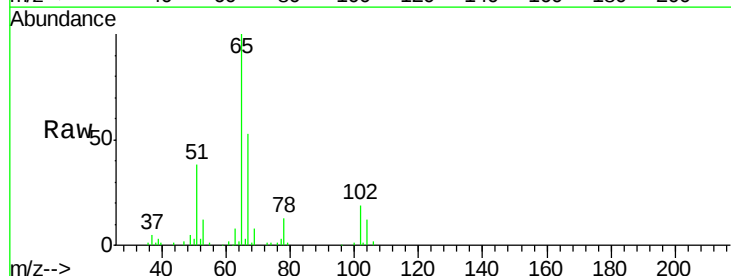
Instrument :
MSVOA_N
ClientSampled :
MW-08DL2

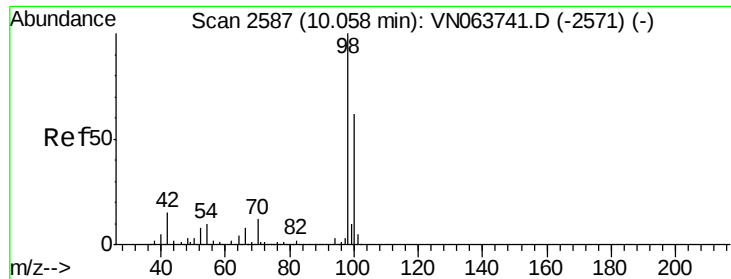
Tot Ion: 83 Resp: 2650
Ion Ratio Lower Upper
83 100
55 52.6 67.1 100.7#
98 42.1 36.6 54.8



#40
Benzene
Concen: 0.988 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 78 Resp: 12589
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1

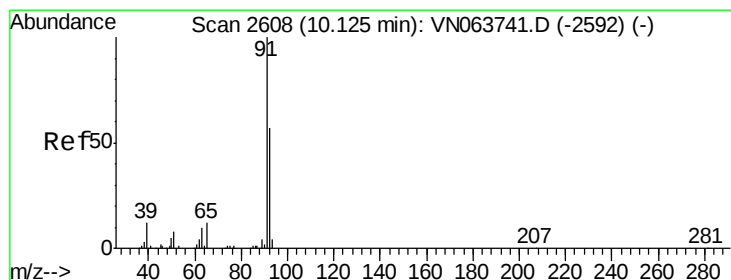
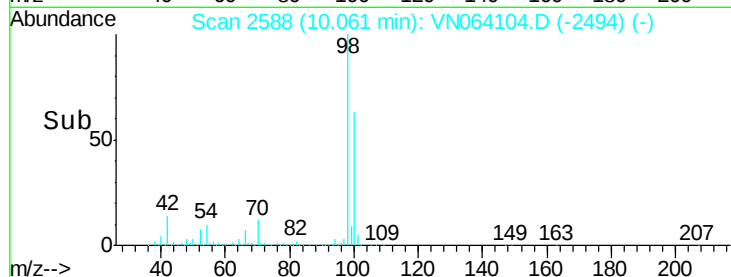
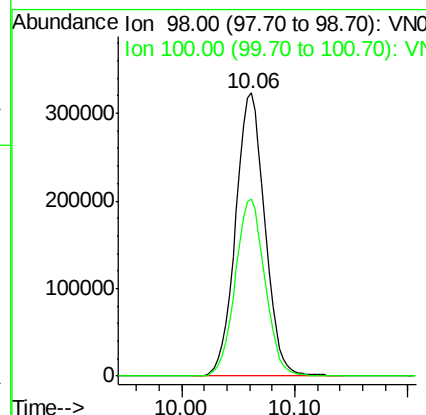
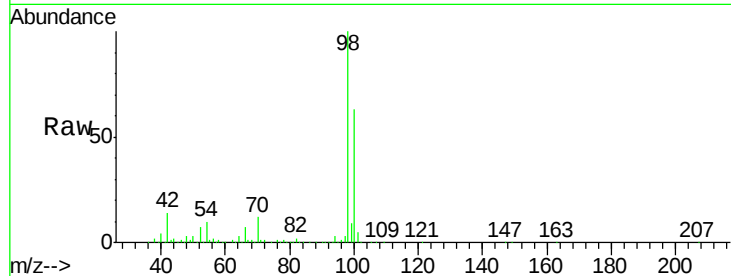




#50
Toluene-d8
Concen: 50.296 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

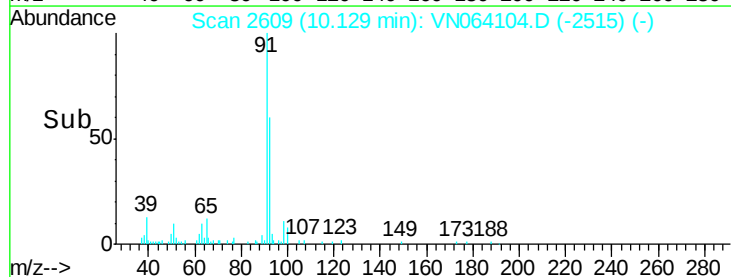
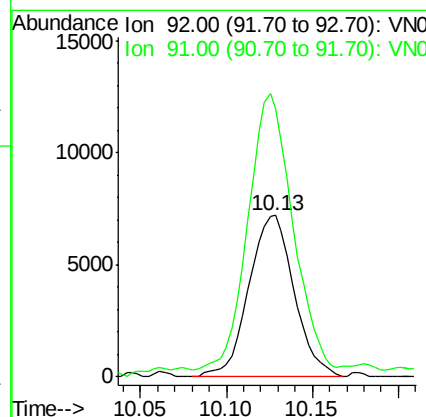
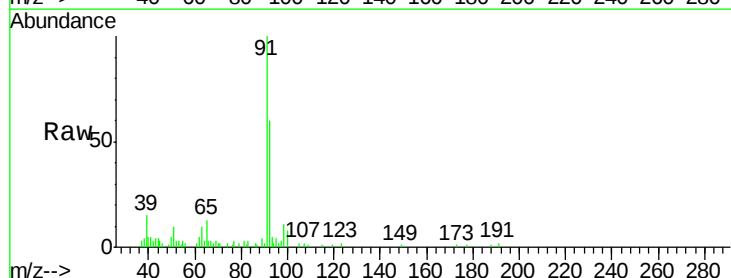
Instrument :
MSVOA_N
ClientSampled :
MW-08DL2

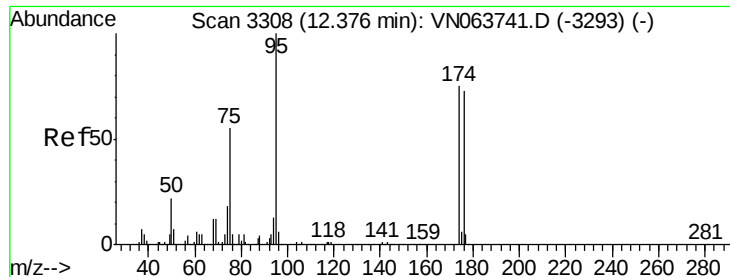
Tot Ion: 98 Resp: 582513
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.6



#52
Toluene
Concen: 1.672 ug/l
RT: 10.13 min Scan# 2609
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 92 Resp: 13179
Ion Ratio Lower Upper
92 100
91 171.2 140.6 210.8

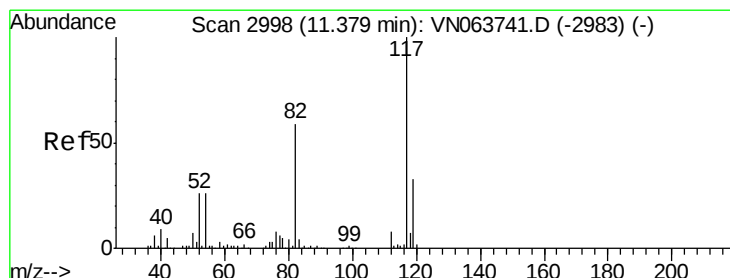
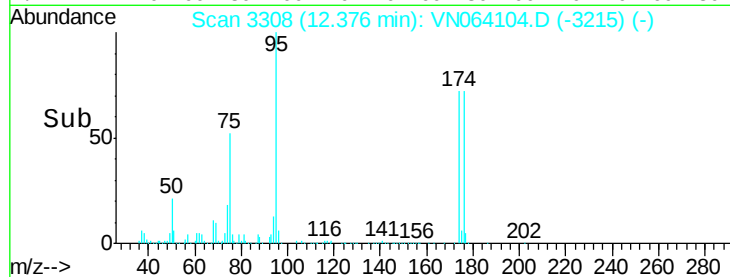
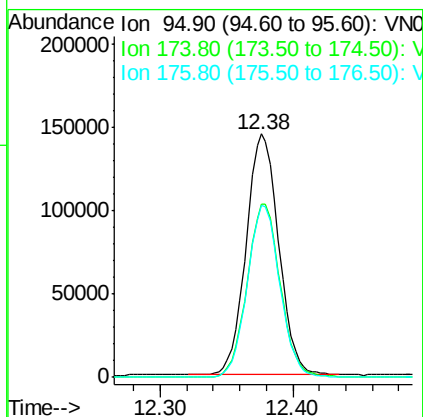
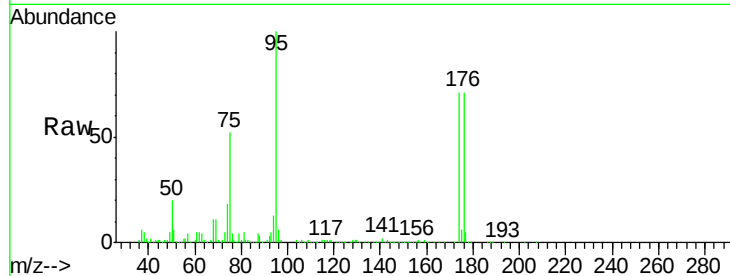




#62
4-Bromofluorobenzene
Concen: 56.625 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

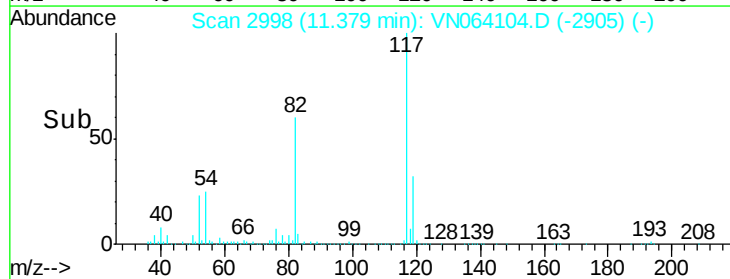
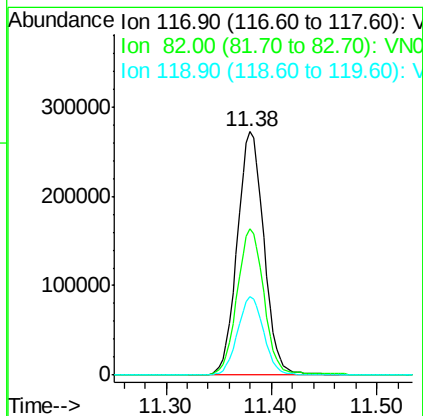
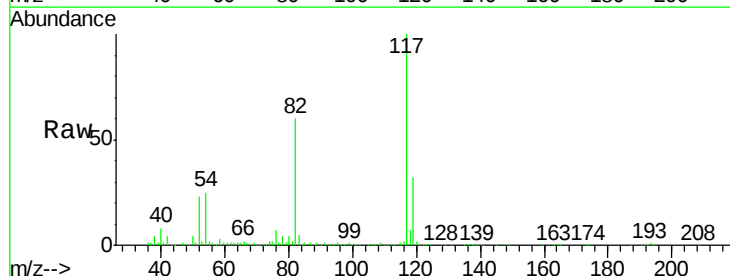
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL2

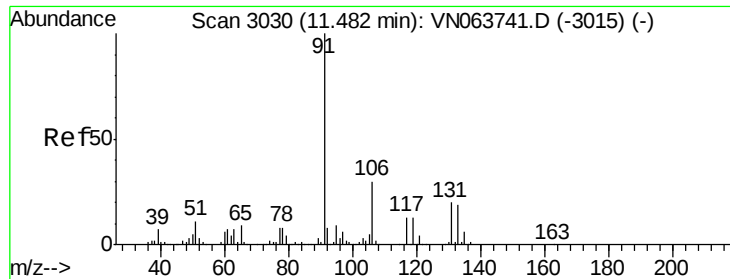
Tot Ion	95	Resp	246525
Ion Ratio	100	Lower	Upper
174	73.2	0.0	150.6
176	71.7	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

Tgt Ion	117	Resp	475586
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
82	59.7	47.4	71.2
119	31.9	26.4	39.6

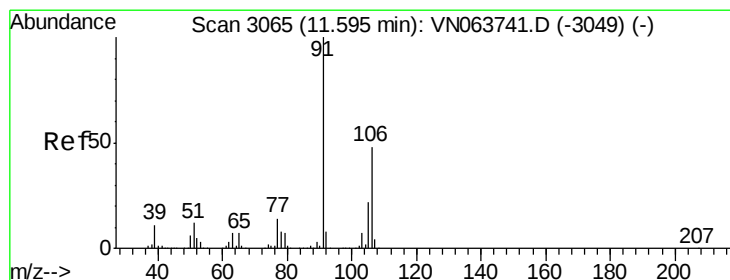
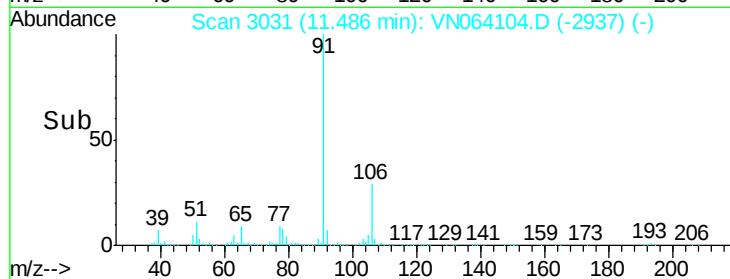
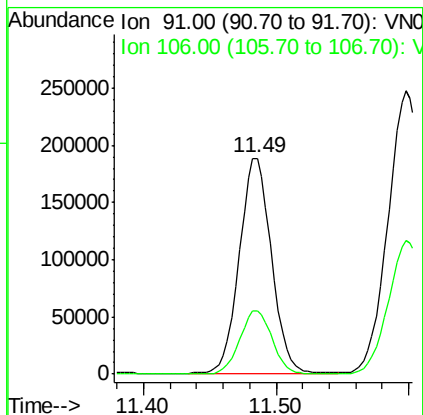
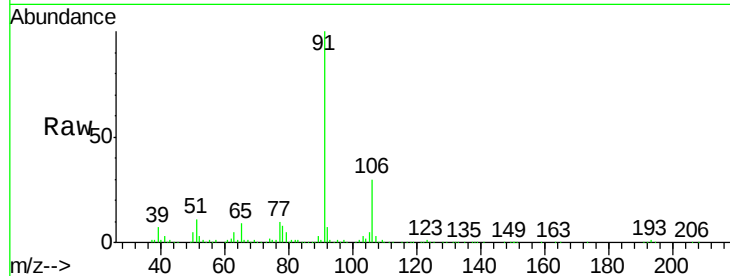




#67
Ethyl Benzene
Concen: 17.711 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

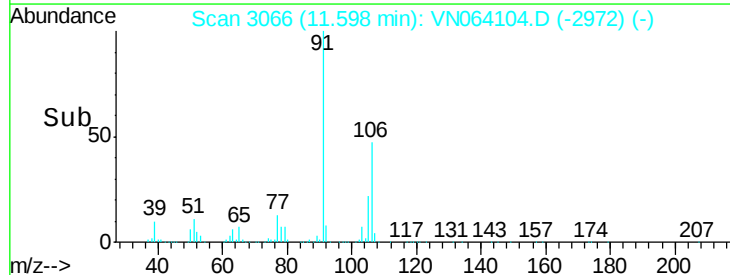
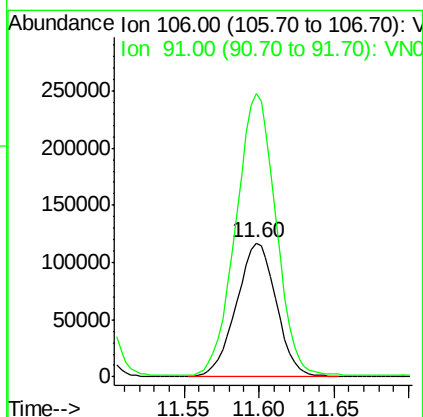
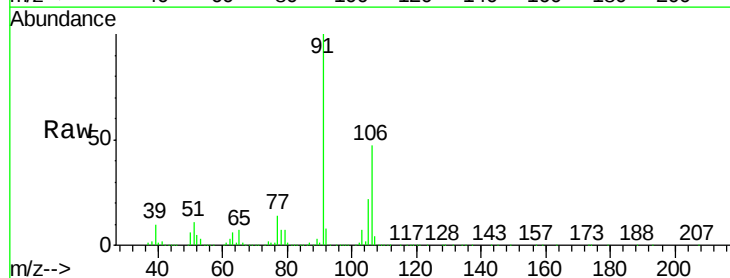
Instrument :
MSVOA_N
ClientSampled :
MW-08DL2

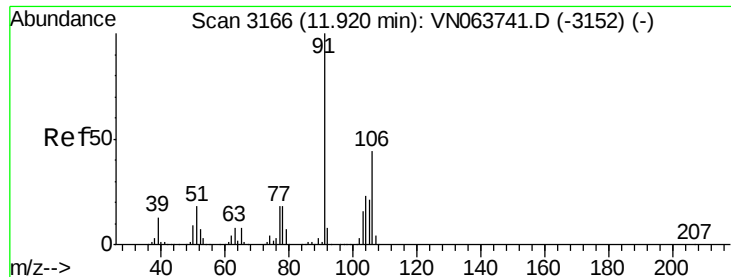
Tot Ion: 91 Resp: 314400
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.2



#68
m/p-Xylenes
Concen: 32.650 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 106 Resp: 216018
Ion Ratio Lower Upper
106 100
91 212.2 168.0 252.0

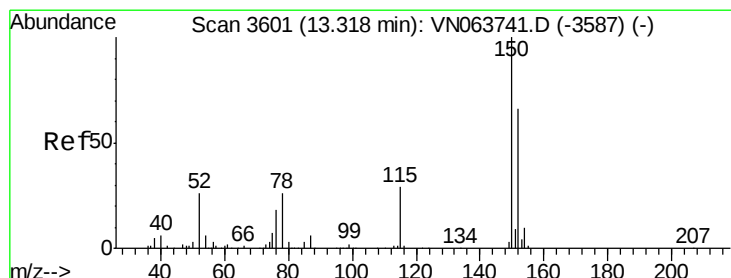
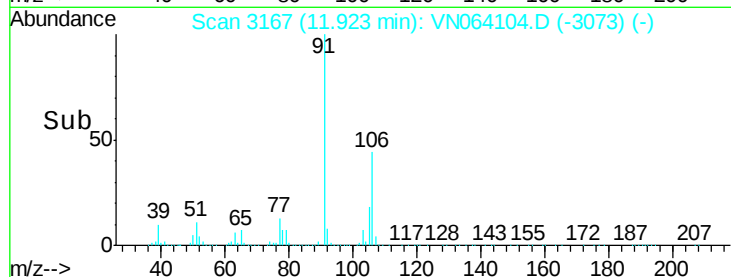
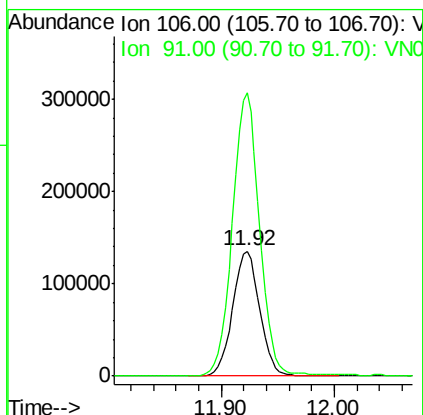
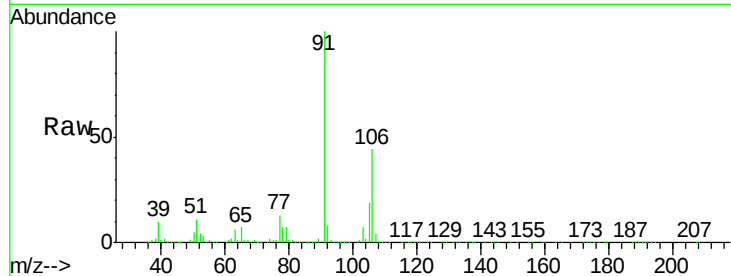




#69
o-Xylene
Concen: 36.262 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

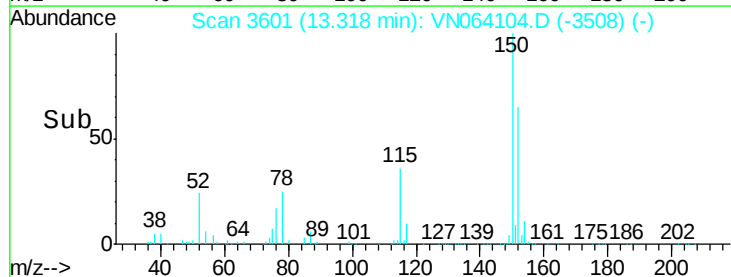
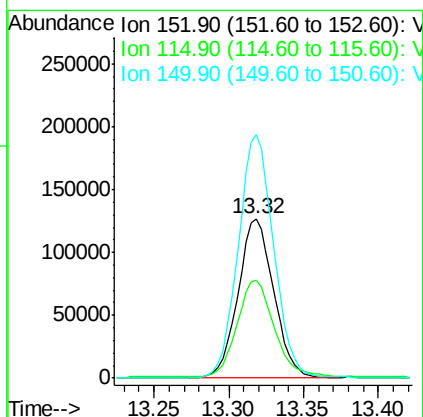
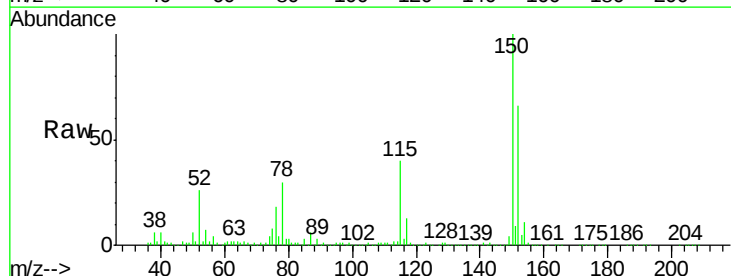
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL2

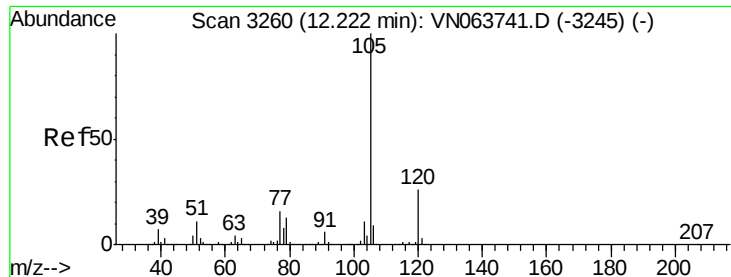
Tot Ion:106 Resp: 224241
Ion Ratio Lower Upper
106 100
91 224.9 112.7 338.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064104.D
Acq: 13 Oct 2020 16:22

Tgt Ion:152 Resp: 208280
Ion Ratio Lower Upper
152 100
115 63.9 31.3 93.8
150 153.5 0.0 341.8





#73

Isopropylbenzene

Concen: 0.905 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_N

ClientSampled :

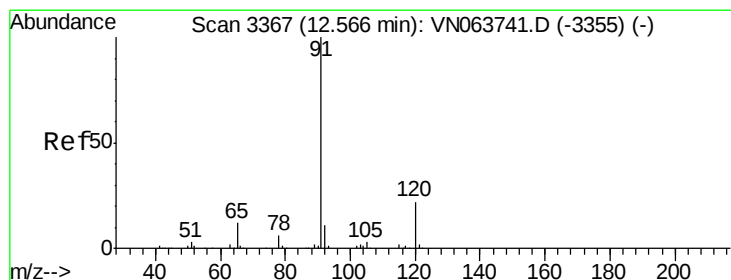
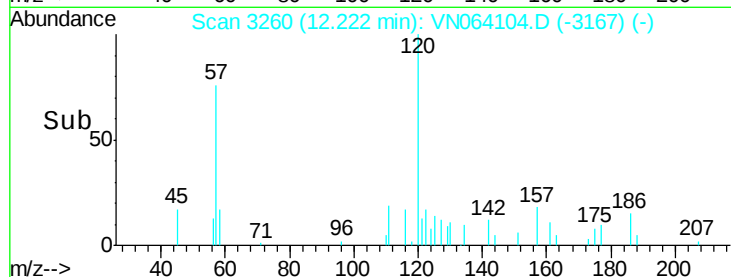
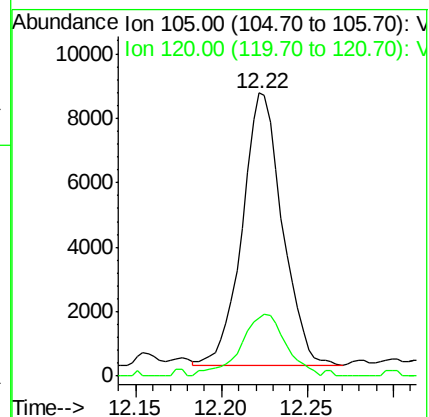
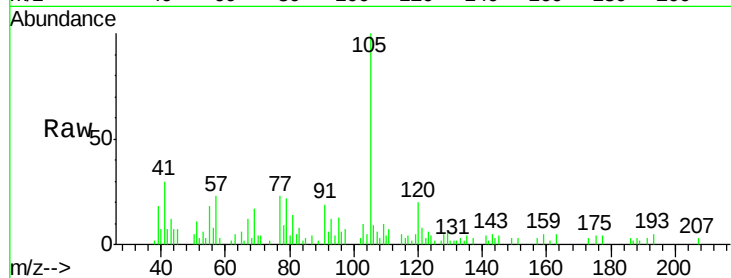
MW-08DL2

Tot Ion:105 Resp: 13745

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#78

n-propylbenzene

Concen: 1.820 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN064104.D

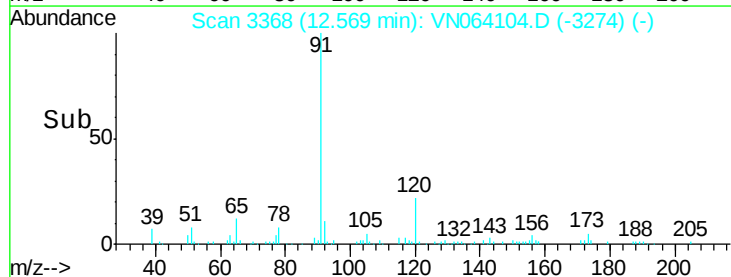
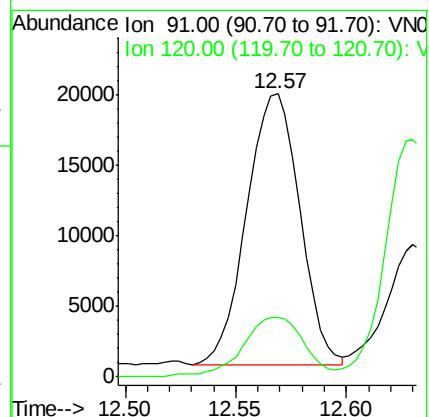
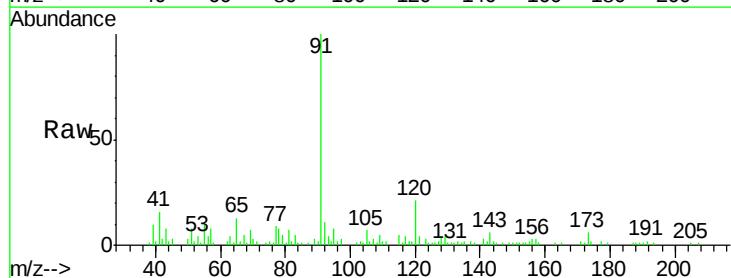
Acq: 13 Oct 2020 16:22

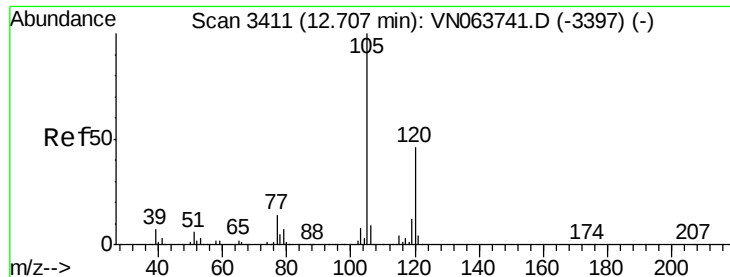
Tgt Ion: 91 Resp: 32183

Ion Ratio Lower Upper

91 100

120 25.5 11.1 33.1

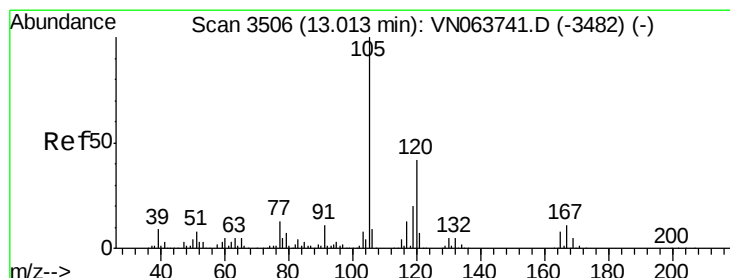
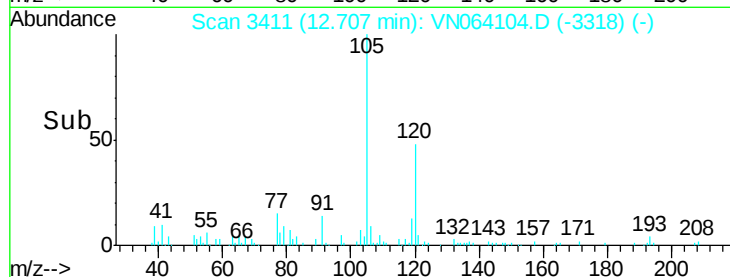
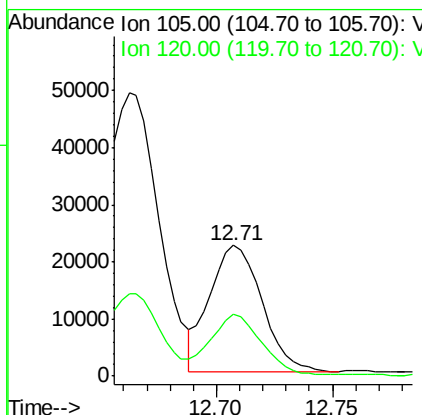
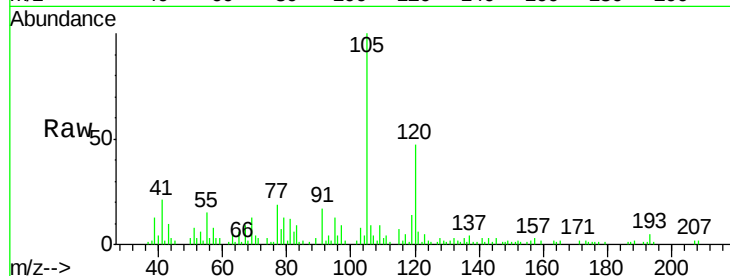




#80
 1,3,5-Trimethylbenzene
 Concen: 2.726 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064104.D
 Acq: 13 Oct 2020 16:22

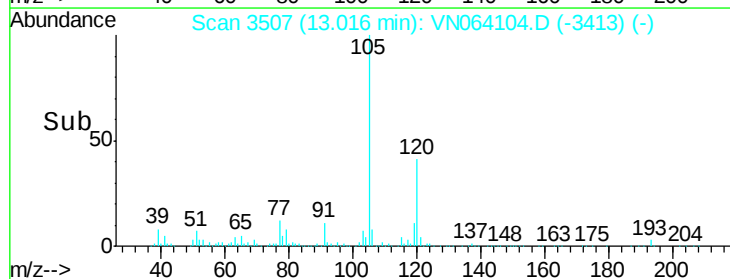
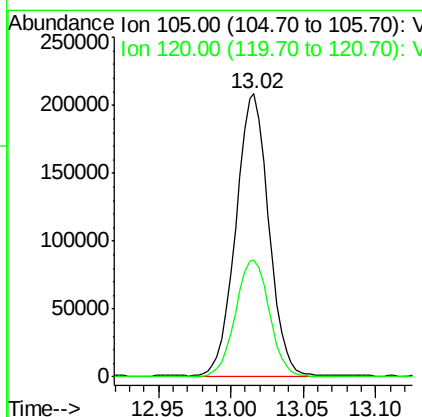
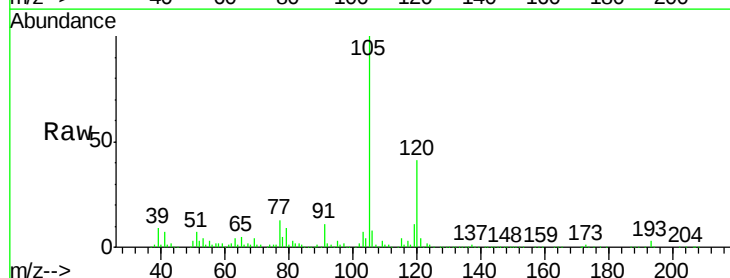
Instrument :
 MSVOA_N
 ClientSampled :
 MW-08DL2

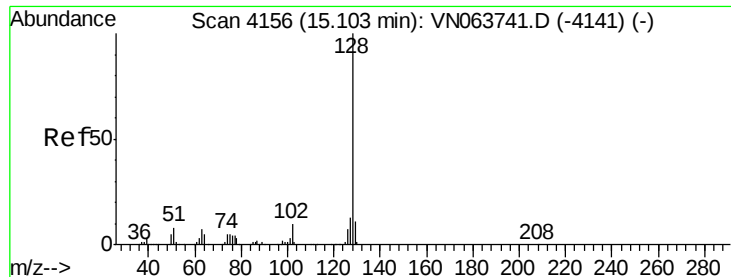
Tot Ion:105 Resp: 34737
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.9



#84
 1,2,4-Trimethylbenzene
 Concen: 25.660 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064104.D
 Acq: 13 Oct 2020 16:22

Tgt Ion:105 Resp: 326523
 Ion Ratio Lower Upper
 105 100
 120 42.7 20.9 62.7





#95

Naphthalene

Concen: 8.296 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN064104.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

MW-08DL2

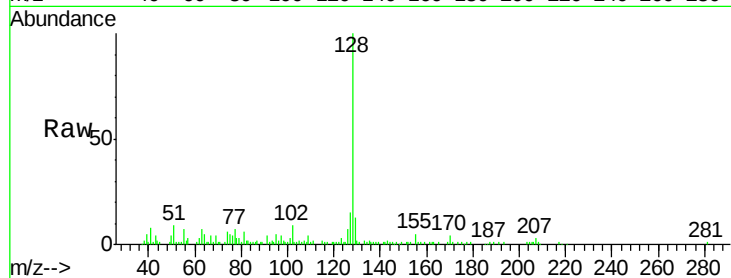
Tot Ion:128 Resp: 74478

Ion Ratio Lower Upper

128 100

127 14.8 10.5 15.7

129 11.2 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

