

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064102.D
 Acq On : 13 Oct 2020 15:34
 Operator : JC/MD
 Sample : L4250-04DL2 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08DL2

Quant Time: Oct 14 05:08:45 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	214538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163308	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	175523	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
35) Dibromofluoromethane	7.55	113	135239	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
50) Toluene-d8	10.06	98	492462	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.38	95	195916	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	

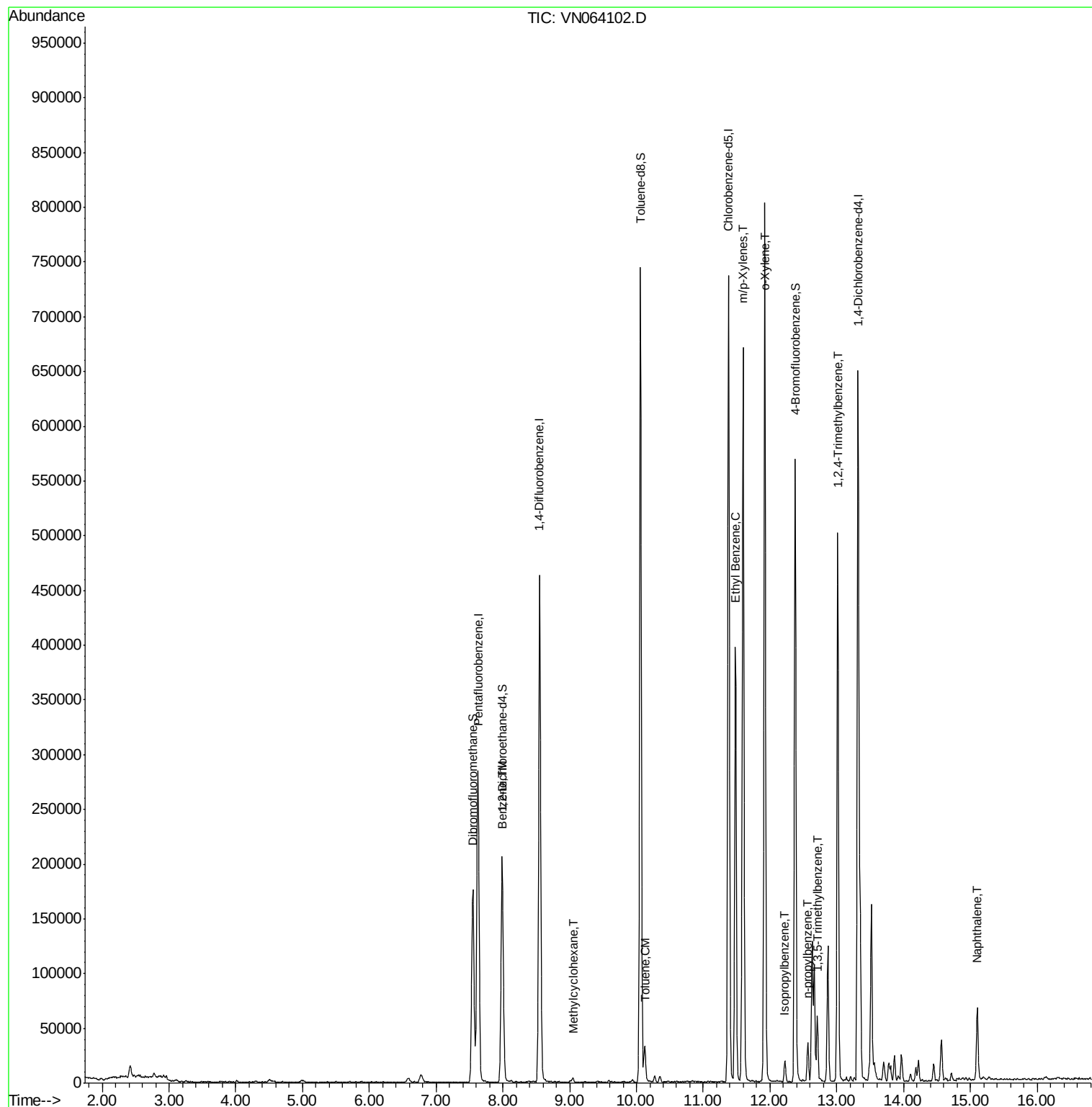
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.05	83	1643	0.414	ug/l #	67
40) Benzene	8.00	78	12800	1.125	ug/l	98
52) Toluene	10.13	92	12669	1.800	ug/l	97
67) Ethyl Benzene	11.48	91	280455	18.791	ug/l	98
68) m/p-Xylenes	11.60	106	202150	36.342	ug/l	99
69) o-Xylene	11.92	106	210222	40.435	ug/l	99
73) Isopropylbenzene	12.22	105	12910	1.084	ug/l	92
78) n-propylbenzene	12.57	91	27629	1.993	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	30728	3.075	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	282923	28.357	ug/l	99
95) Naphthalene	15.10	128	56828	8.125	ug/l	99

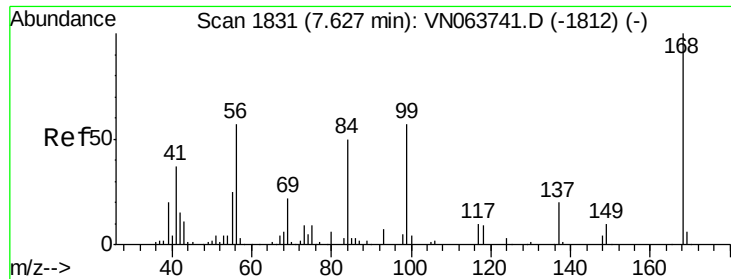
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 14 05:08:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064102.D

Acq: 13 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

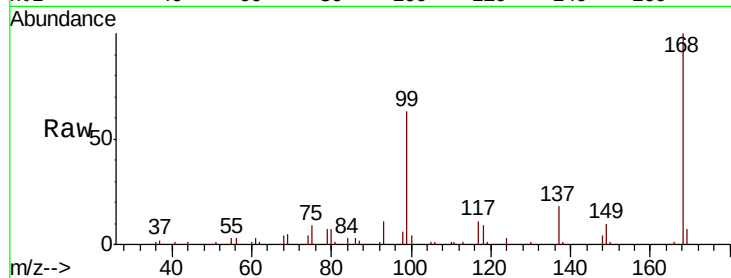
MW-08DL2

Tot Ion:168 Resp: 214538

Ion Ratio Lower Upper

168 100

99 63.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

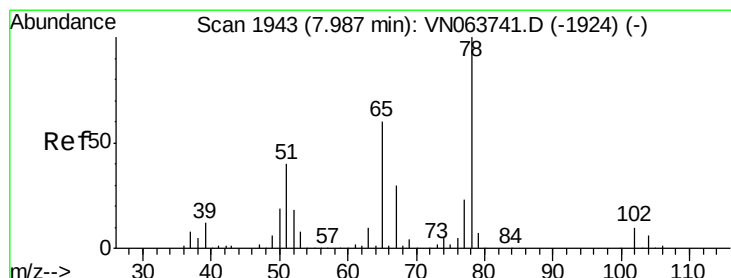
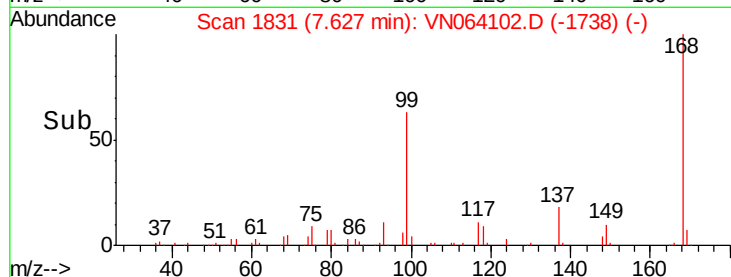
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 49.522 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064102.D

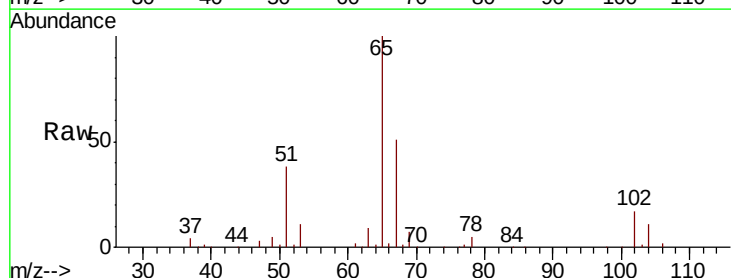
Acq: 13 Oct 2020 15:34

Tgt Ion: 65 Resp: 175523

Ion Ratio Lower Upper

65 100

67 51.9 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

80000

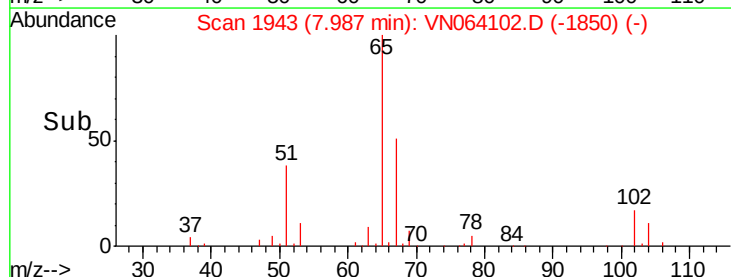
60000

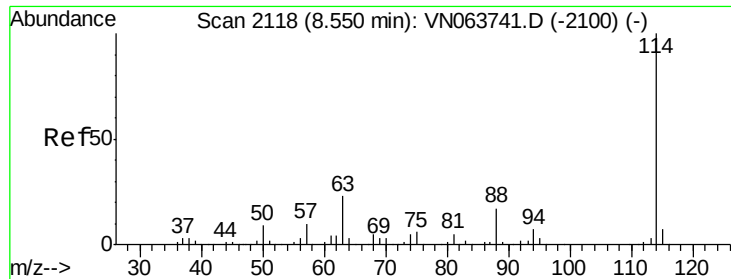
40000

20000

0

Time--> 7.90 8.00 8.10

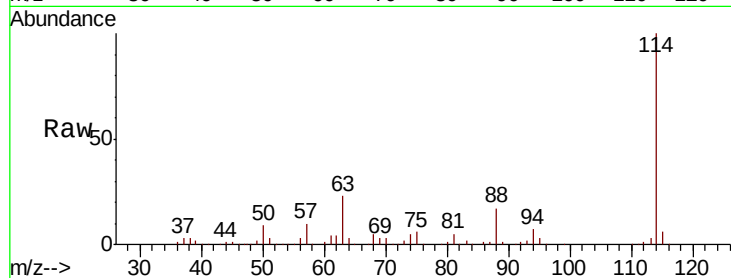




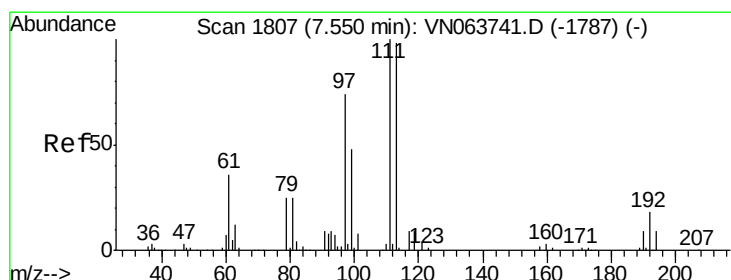
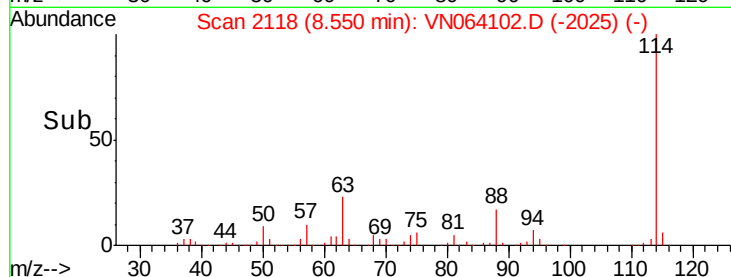
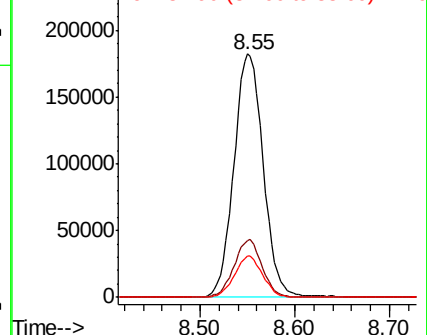
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064102.D
Acq: 13 Oct 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
MW-08DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.0
88	17.2	0.0	34.0

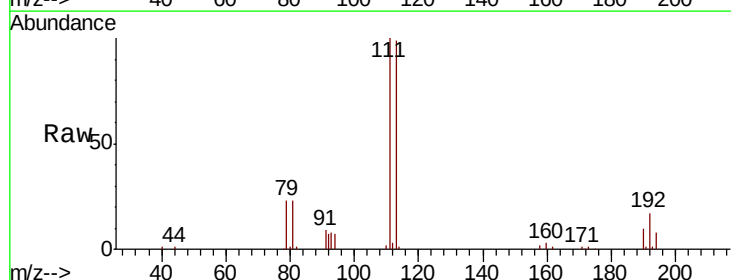


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

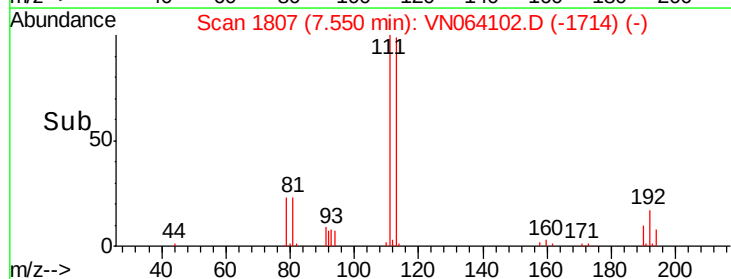
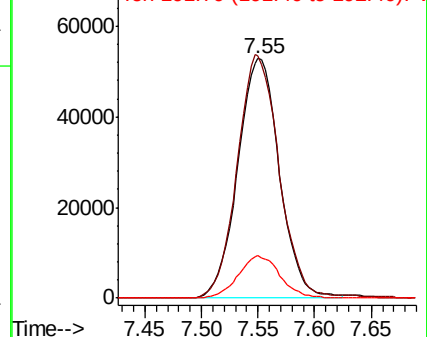


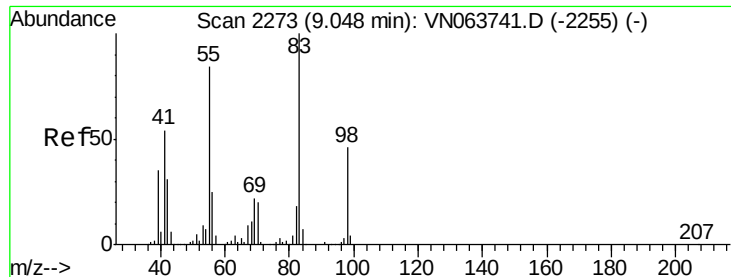
#35
Dibromofluoromethane
Concen: 49.574 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064102.D
Acq: 13 Oct 2020 15:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	17.8	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

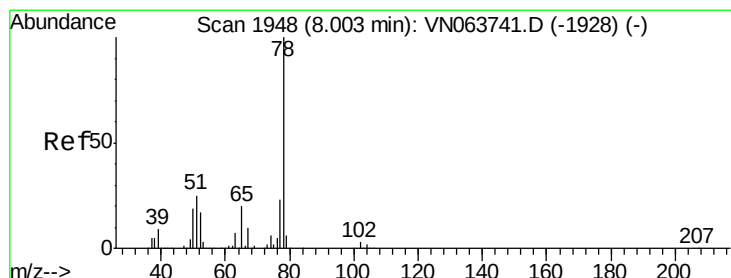
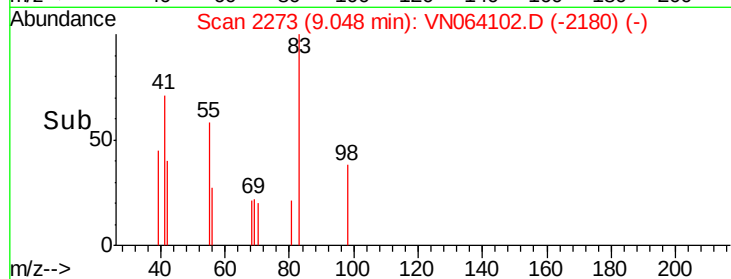
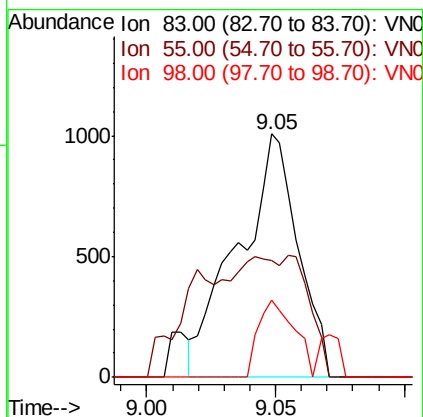
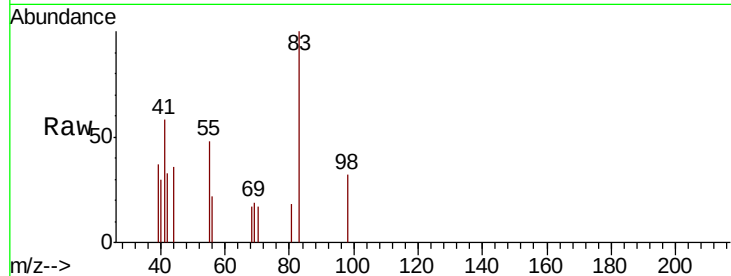




#39
Methylvlcyclohexane
Concen: 0.414 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064102.D
Acq: 13 Oct 2020 15:34

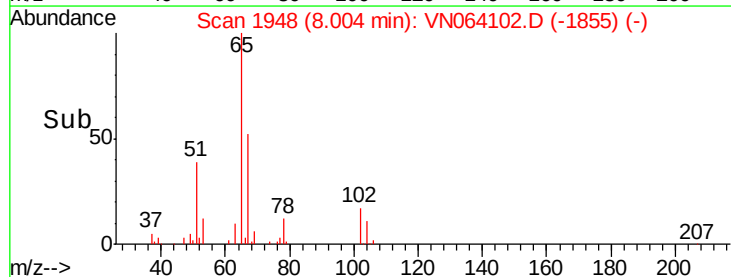
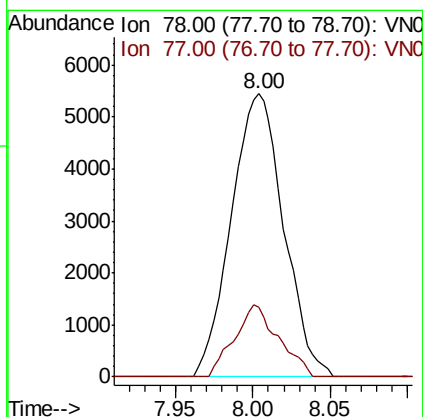
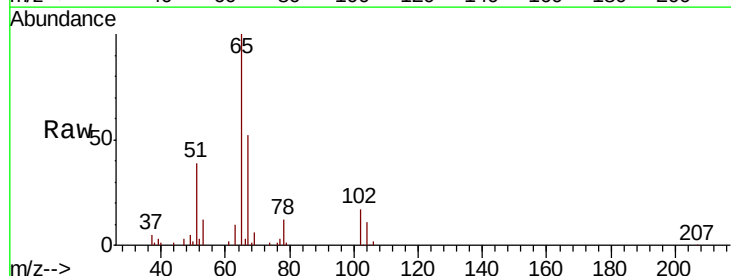
Instrument :
MSVOA_N
ClientSampled :
MW-08DL2

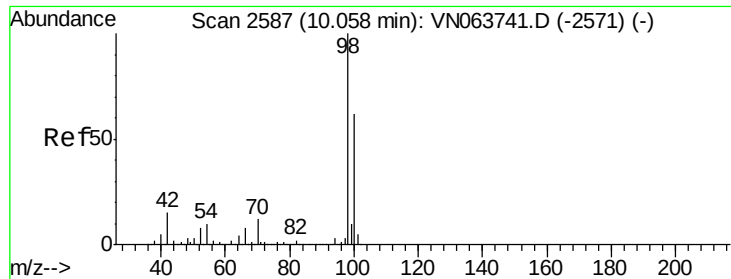
Tot Ion: 83 Resp: 1643
Ion Ratio Lower Upper
83 100
55 48.0 67.1 100.7#
98 31.7 36.6 54.8#



#40
Benzene
Concen: 1.125 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064102.D
Acq: 13 Oct 2020 15:34

Tgt Ion: 78 Resp: 12800
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1





#50

Toluene-d8

Concen: 47.619 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064102.D

Acq: 13 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampled :

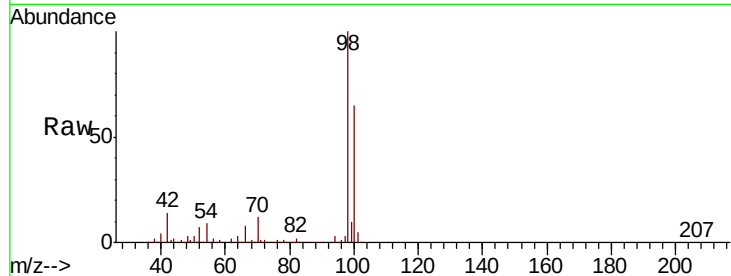
MW-08DL2

Tot Ion: 98 Resp: 492462

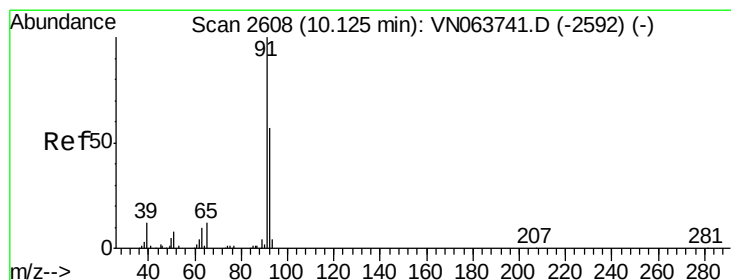
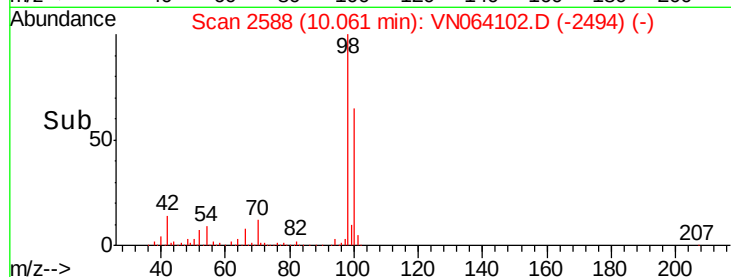
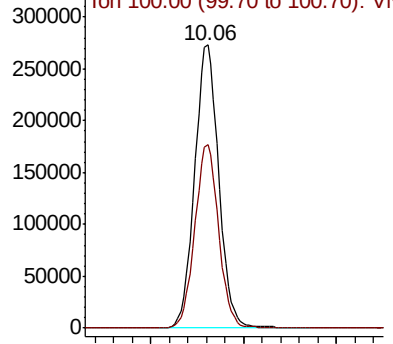
Ion Ratio Lower Upper

98 100

100 64.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)



#52

Toluene

Concen: 1.800 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064102.D

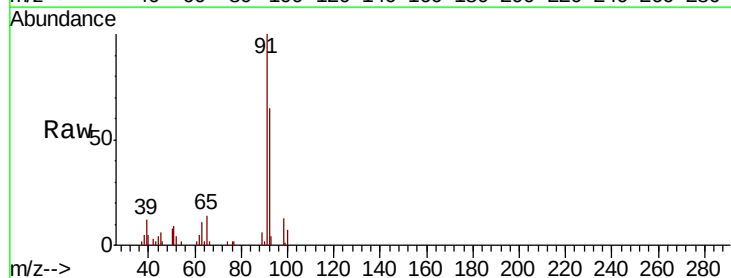
Acq: 13 Oct 2020 15:34

Tgt Ion: 92 Resp: 12669

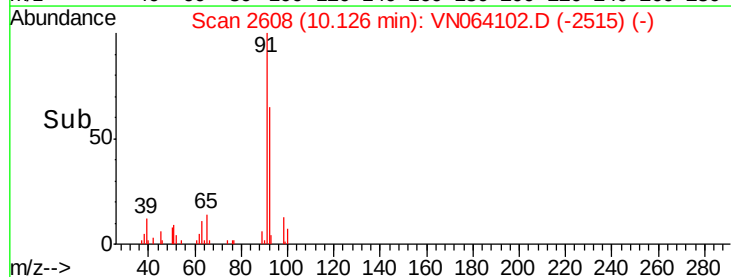
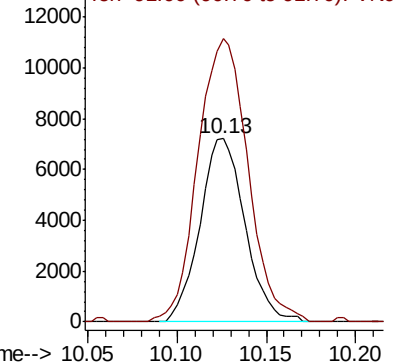
Ion Ratio Lower Upper

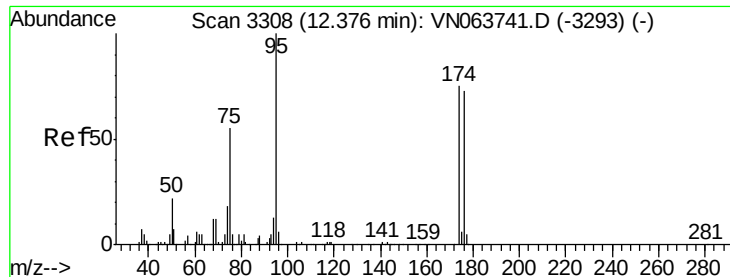
92 100

91 171.8 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

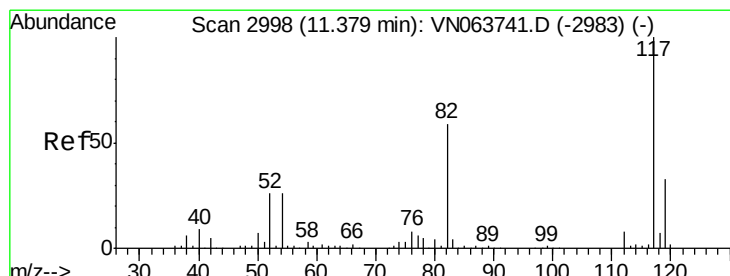
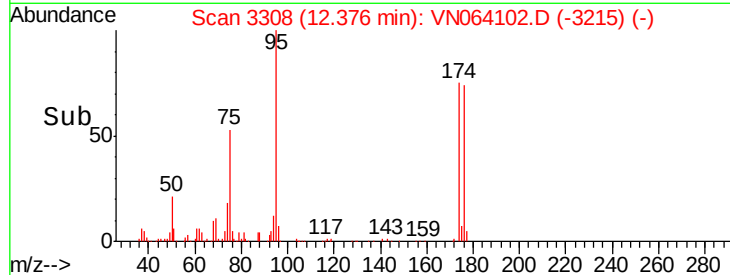
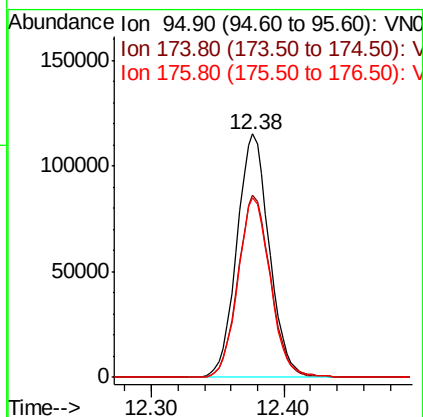
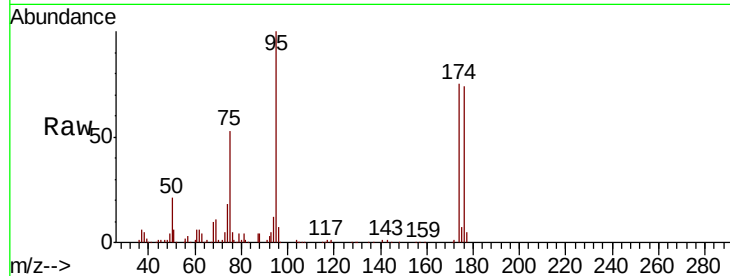




#62
4-Bromofluorobenzene
Concen: 50.396 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064102.D
Acq: 13 Oct 2020 15:34

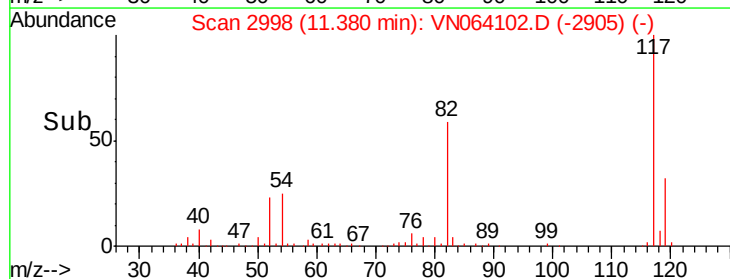
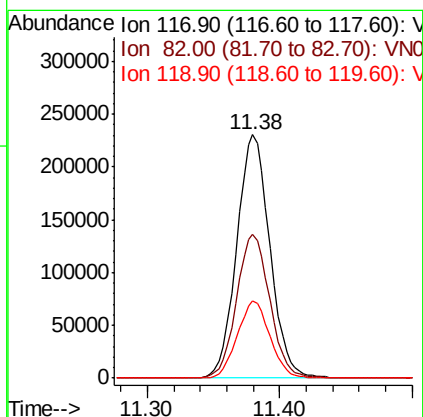
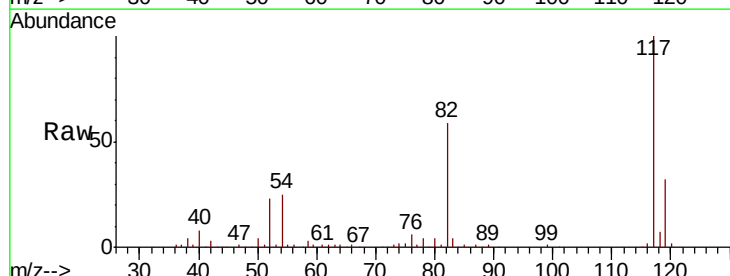
Instrument :
MSVOA_N
ClientSampled :
MW-08DL2

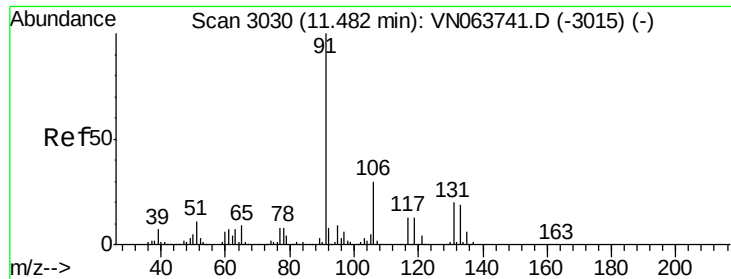
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	150.6
176	73.4	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064102.D
Acq: 13 Oct 2020 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.4	71.2
119	31.7	26.4	39.6

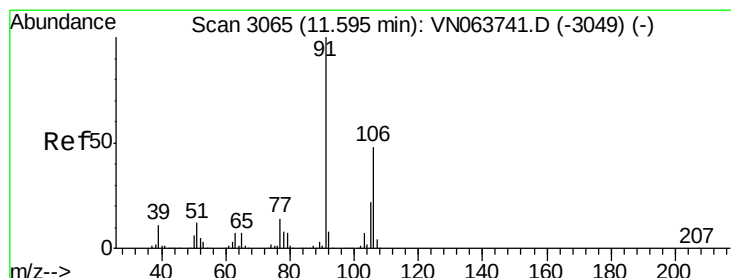
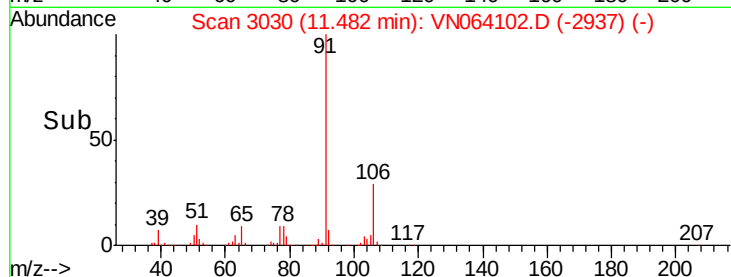
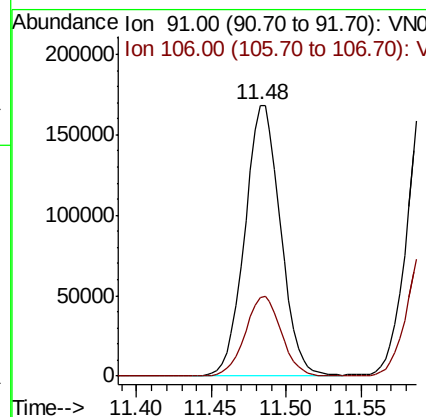
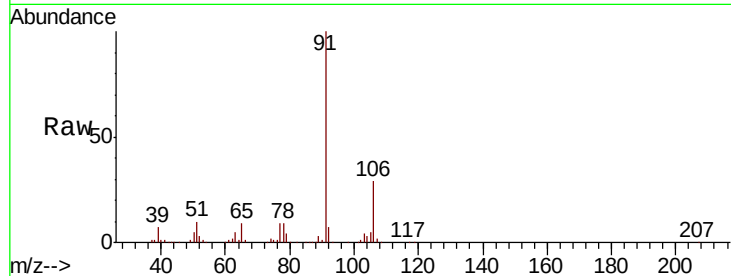




#67
Ethyl Benzene
Concen: 18.791 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064102.D
Acq: 13 Oct 2020 15:34

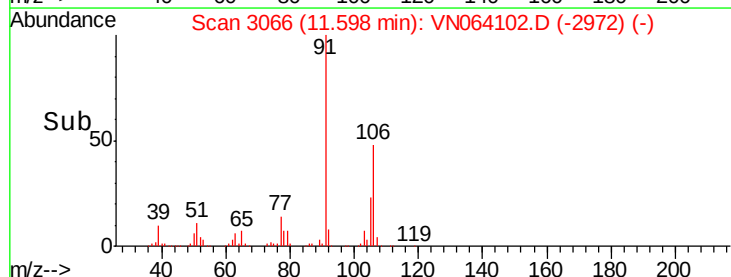
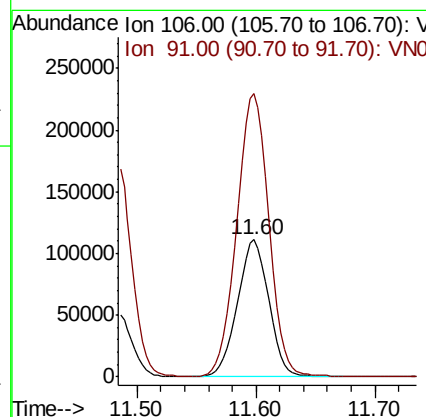
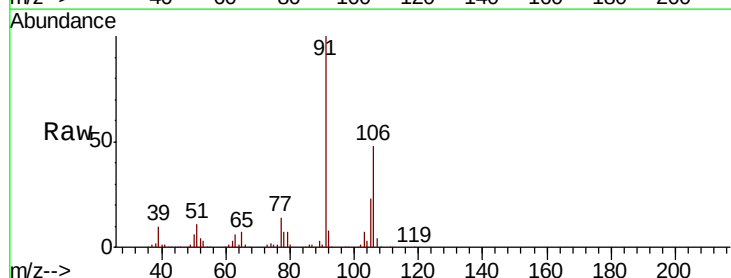
Instrument :
MSVOA_N
ClientSampled :
MW-08DL2

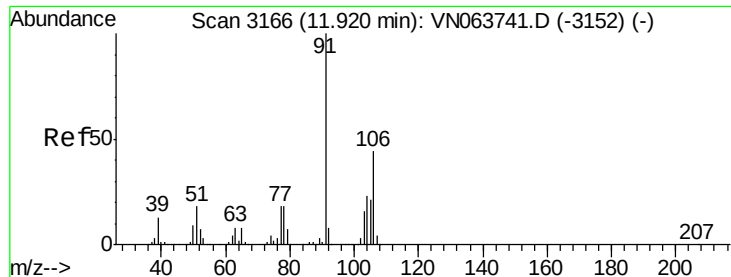
Tot Ion: 91 Resp: 280455
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.2



#68
m/p-Xylenes
Concen: 36.342 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064102.D
Acq: 13 Oct 2020 15:34

Tgt Ion: 106 Resp: 202150
Ion Ratio Lower Upper
106 100
91 212.0 168.0 252.0

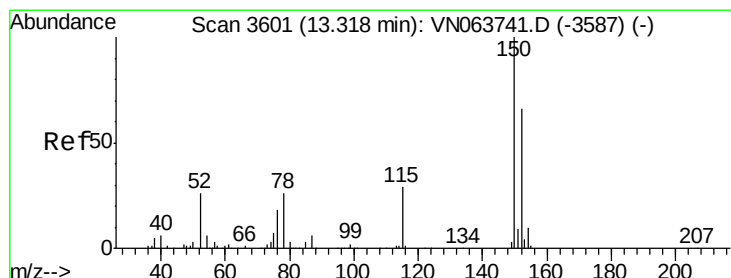
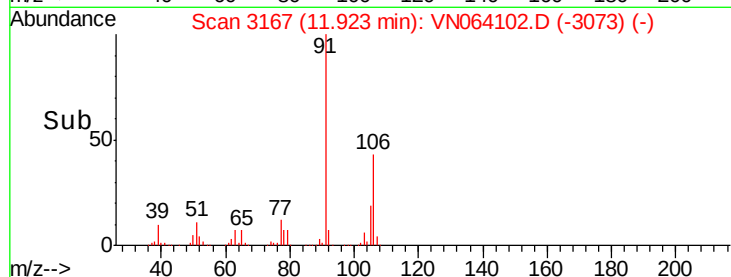
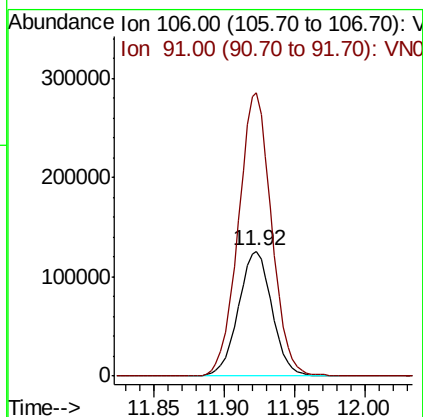
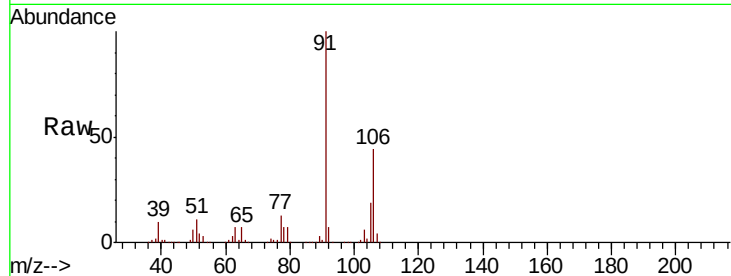




#69
o-Xylene
Concen: 40.435 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064102.D
Acq: 13 Oct 2020 15:34

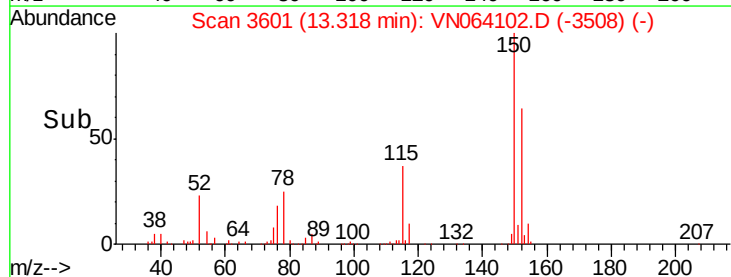
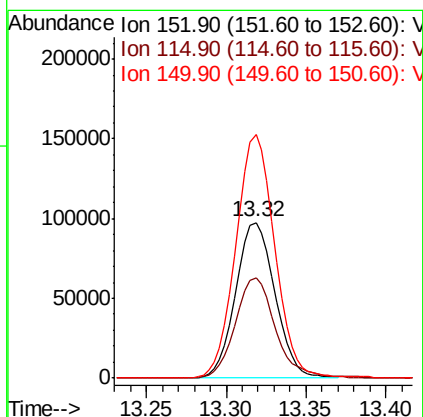
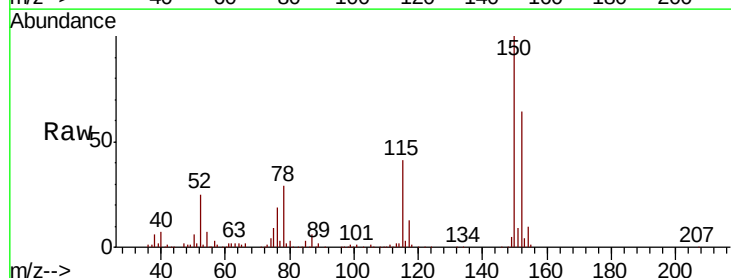
Instrument :
MSVOA_N
ClientSampled :
MW-08DL2

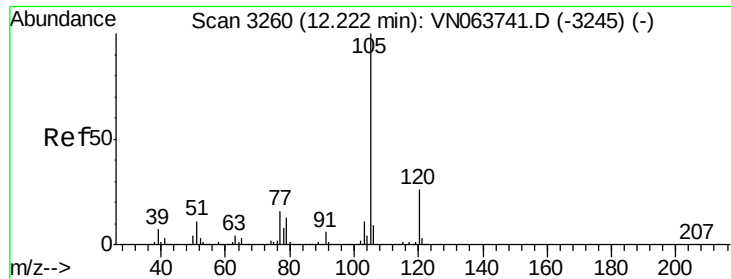
Tot Ion:106 Resp: 210222
Ion Ratio Lower Upper
106 100
91 223.7 112.7 338.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064102.D
Acq: 13 Oct 2020 15:34

Tgt Ion:152 Resp: 163308
Ion Ratio Lower Upper
152 100
115 65.9 31.3 93.8
150 155.3 0.0 341.8





#73

Isopropylbenzene

Concen: 1.084 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064102.D

Acq: 13 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampled :

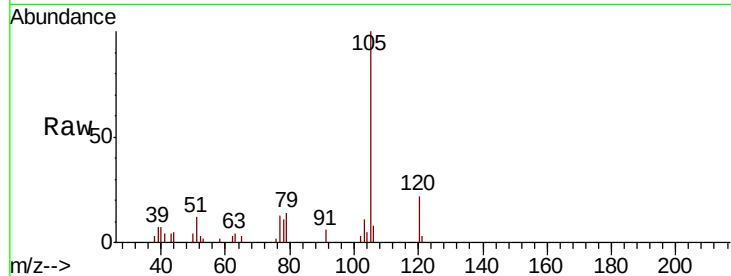
MW-08DL2

Tot Ion:105 Resp: 12910

Ion Ratio Lower Upper

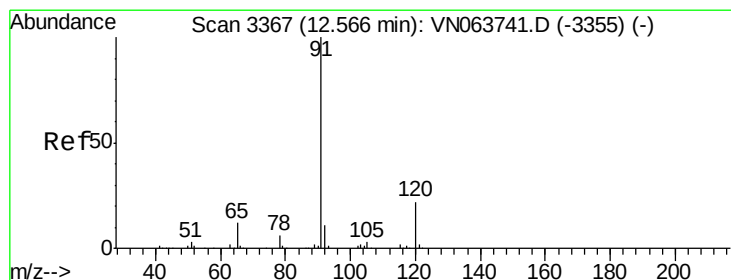
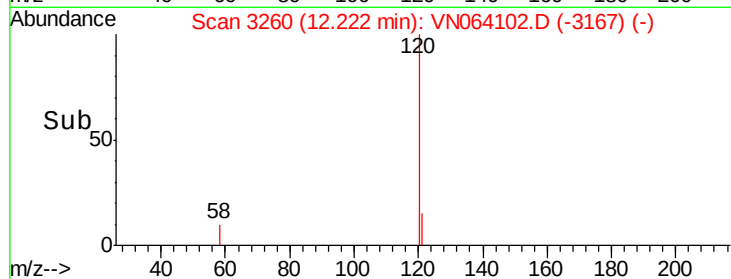
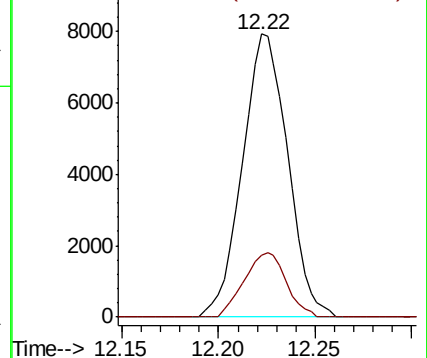
105 100

120 21.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.993 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064102.D

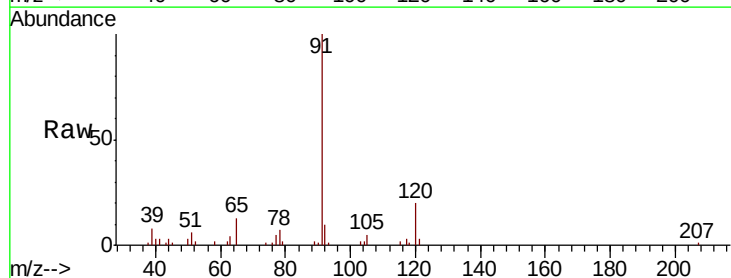
Acq: 13 Oct 2020 15:34

Tgt Ion: 91 Resp: 27629

Ion Ratio Lower Upper

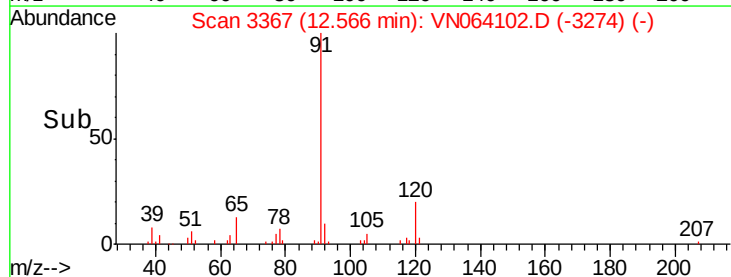
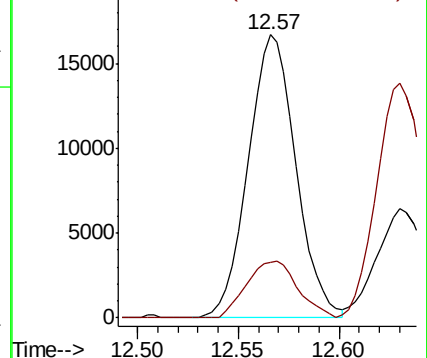
91 100

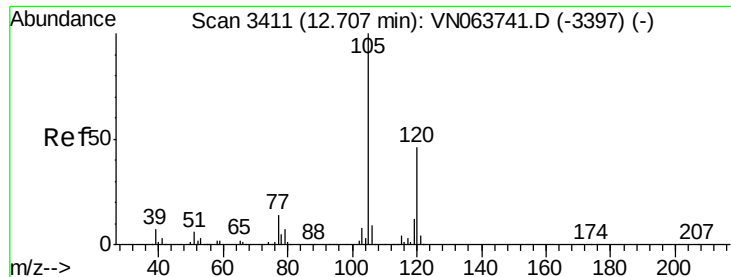
120 21.6 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

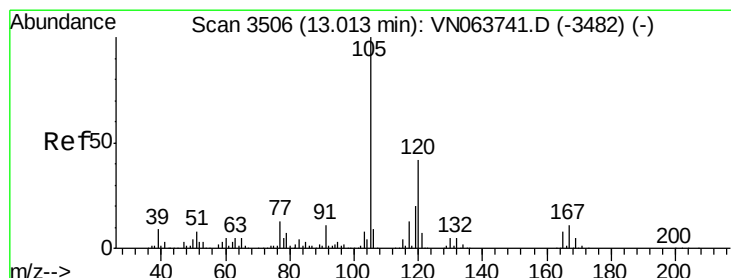
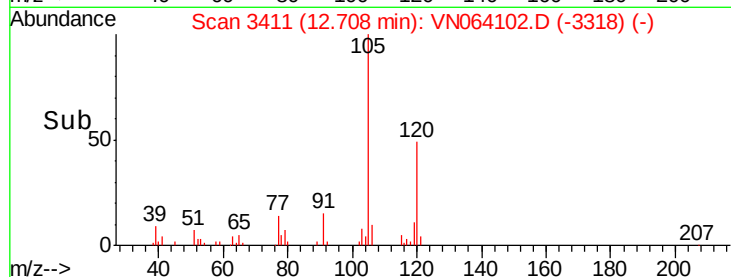
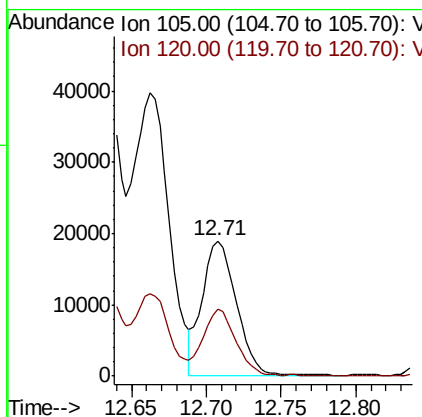
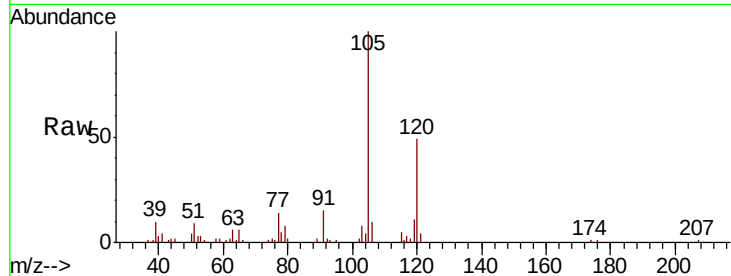




#80
 1,3,5-Trimethylbenzene
 Concen: 3.075 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064102.D
 Acq: 13 Oct 2020 15:34

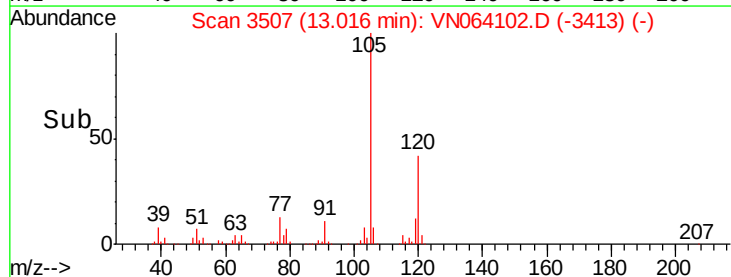
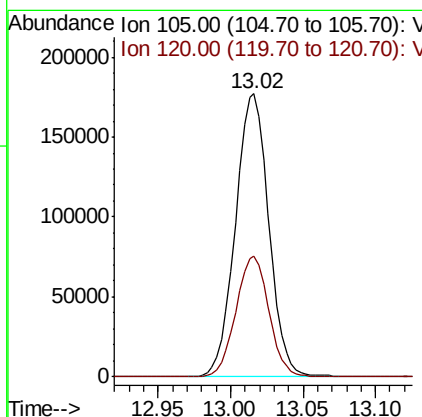
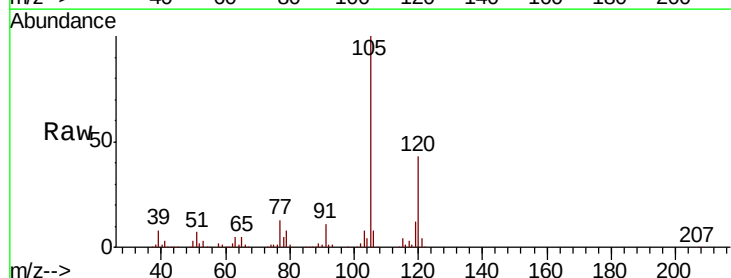
Instrument :
 MSVOA_N
 ClientSampled :
 MW-08DL2

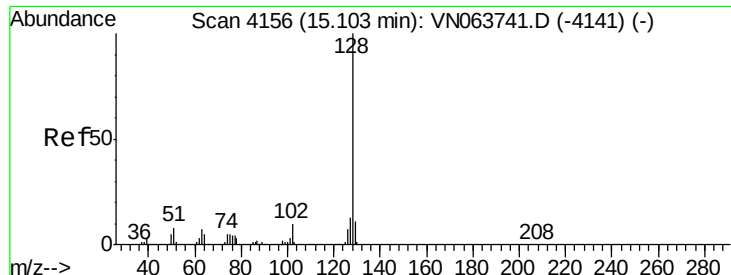
Tot Ion:105 Resp: 30728
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.9



#84
 1,2,4-Trimethylbenzene
 Concen: 28.357 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064102.D
 Acq: 13 Oct 2020 15:34

Tgt Ion:105 Resp: 282923
 Ion Ratio Lower Upper
 105 100
 120 42.2 20.9 62.7

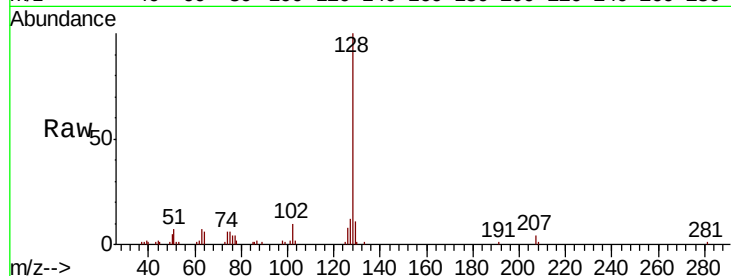




#95
Naphthalene
Concen: 8.125 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064102.D
Acq: 13 Oct 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
MW-08DL2

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.4	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

