

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064086.D
 Acq On : 12 Oct 2020 18:38
 Operator : JC/MD
 Sample : L4300-02 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 223

Quant Time: Oct 13 02:29:24 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

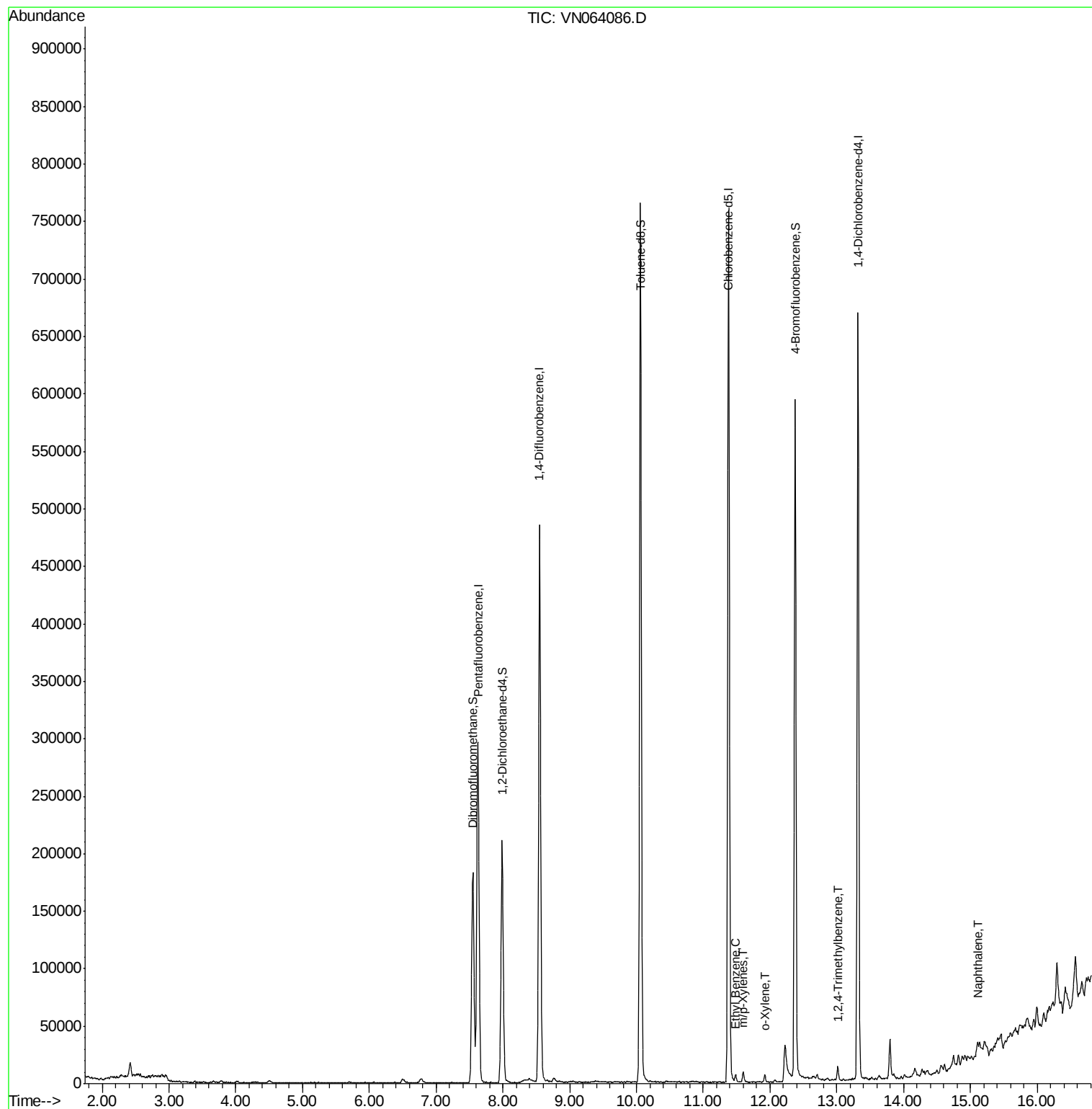
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	222429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	184523	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	7.55	113	137624	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.06	98	520763	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.38	95	205502	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
Target Compounds						
67) Ethyl Benzene	11.49	91	3924	0.252	ug/l	95
68) m/p-Xylenes	11.60	106	2858	0.492	ug/l	99
69) o-Xylene	11.92	106	2048	0.378	ug/l	87
84) 1,2,4-Trimethylbenzene	13.01	105	5578	0.548	ug/l	94
95) Naphthalene	15.11	128	11051	3.106	ug/l	97

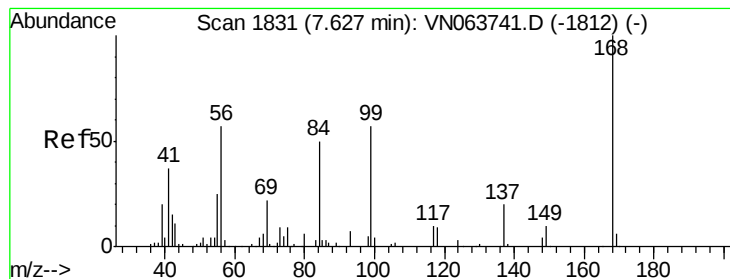
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101220\
Data File : VN064086.D
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223

Quant Time: Oct 13 02:29:24 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: VN064086.D

Acq: 12 Oct 2020 18:38

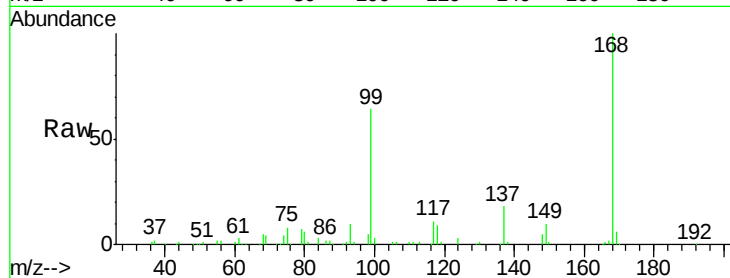
Instrument :
MSVOA_N
ClientSampled :
223

Tot Ion:168 Resp: 222429

Ion Ratio Lower Upper

168 100

99 63.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

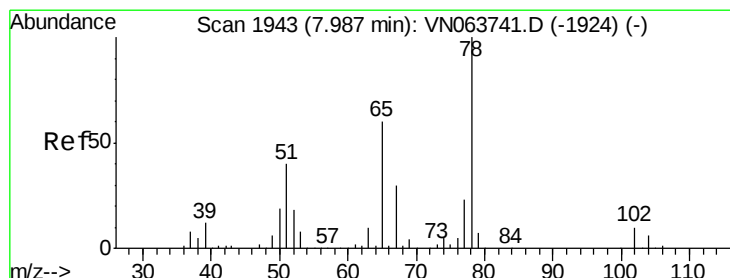
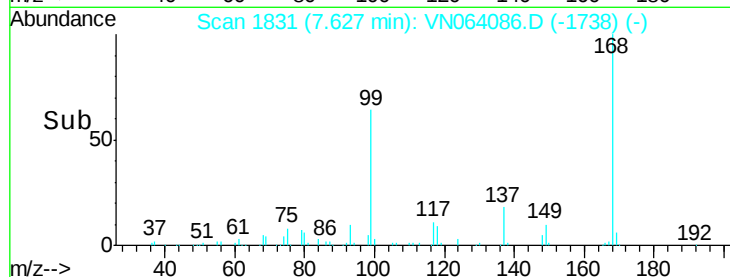
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.215 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064086.D

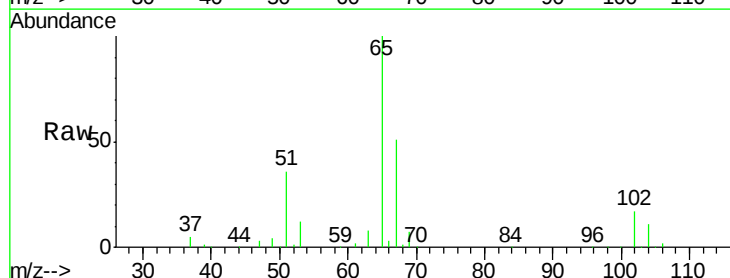
Acq: 12 Oct 2020 18:38

Tgt Ion: 65 Resp: 184523

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

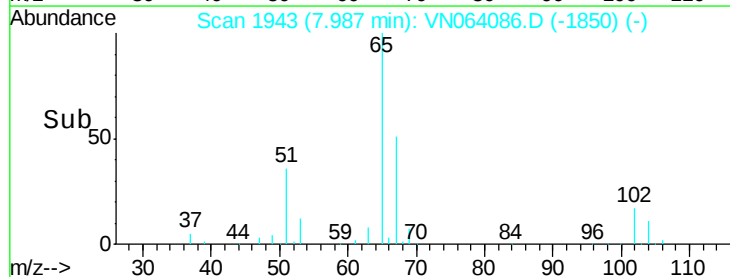
60000

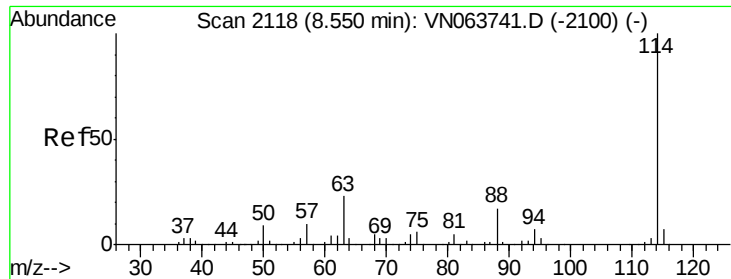
40000

20000

0

Time--> 7.90 7.95 8.00 8.05

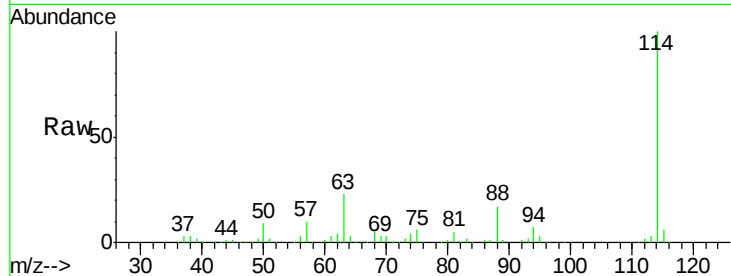




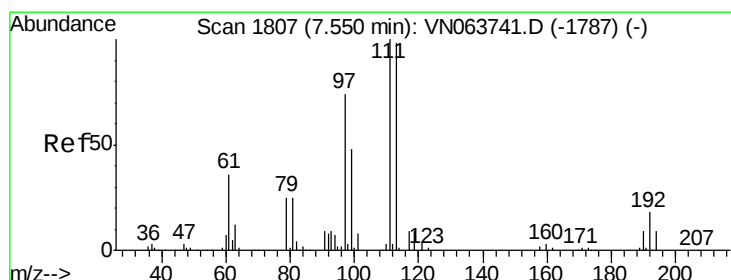
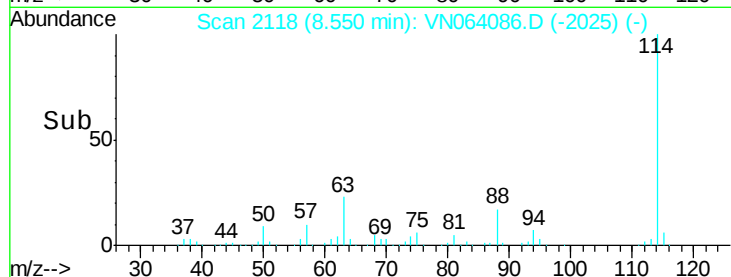
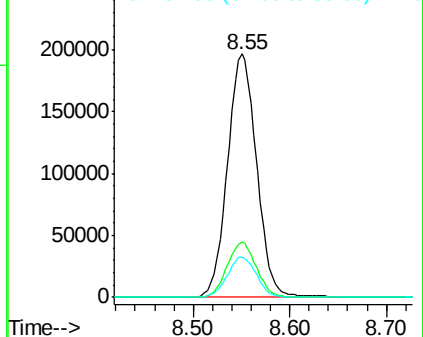
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064086.D
Acq: 12 Oct 2020 18:38

Instrument :
MSVOA_N
ClientSampled :
223

Tot Ion:114 Resp: 411268
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 16.5 0.0 34.0

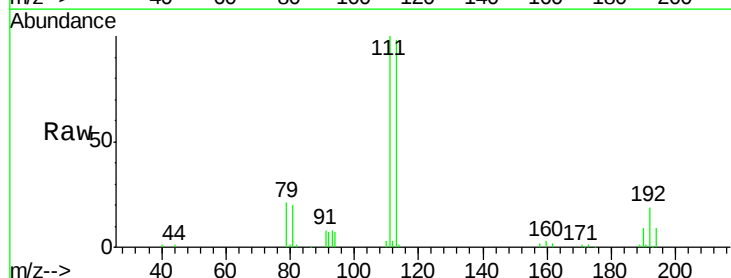


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

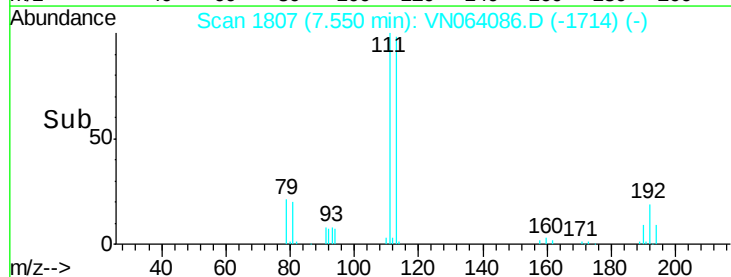
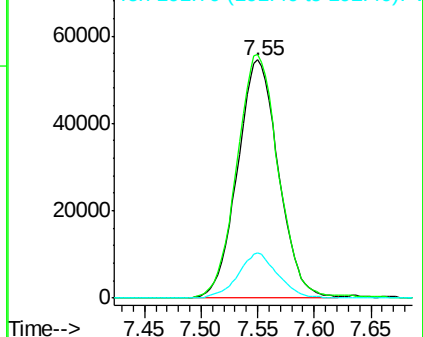


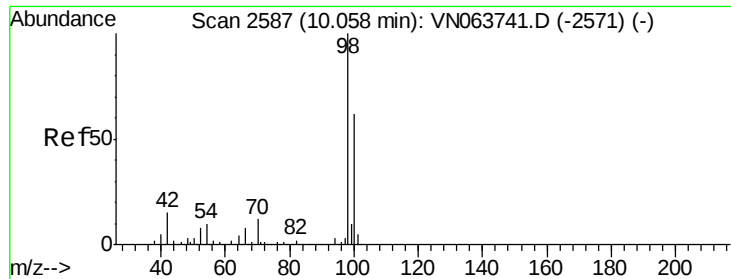
#35
Dibromofluoromethane
Concen: 48.227 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064086.D
Acq: 12 Oct 2020 18:38

Tgt Ion:113 Resp: 137624
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 18.2 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

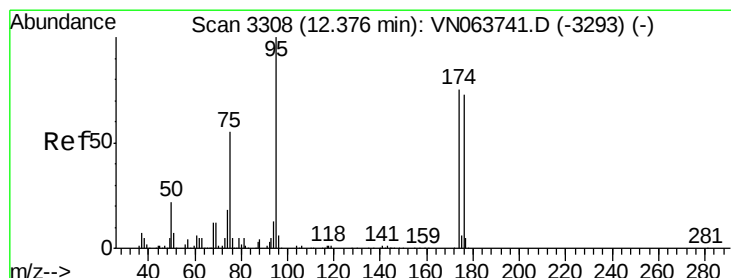
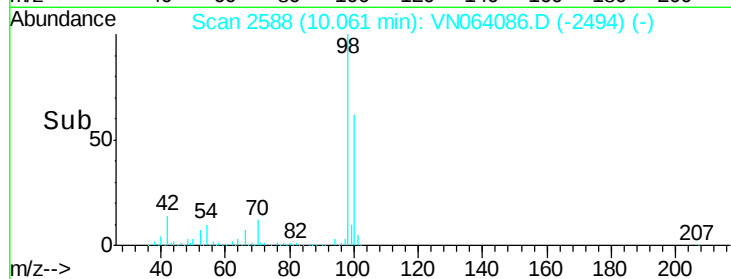
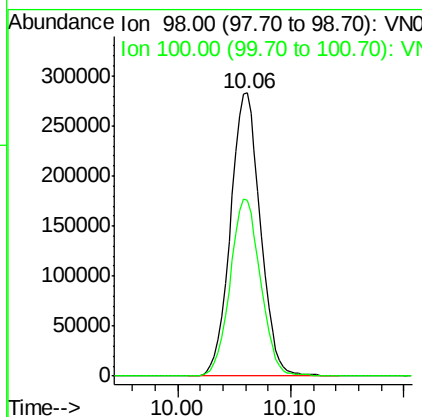
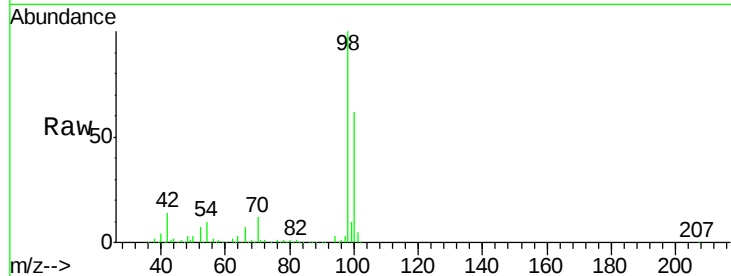




#50
Toluene-d8
Concen: 48.138 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064086.D
Acq: 12 Oct 2020 18:38

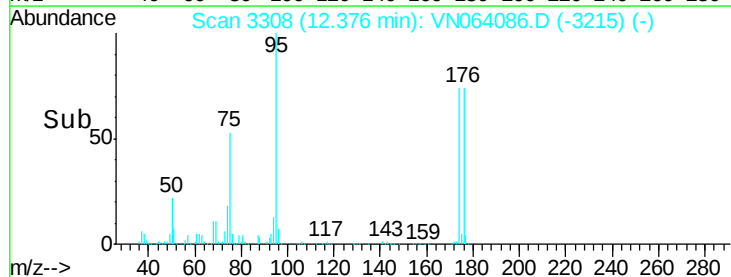
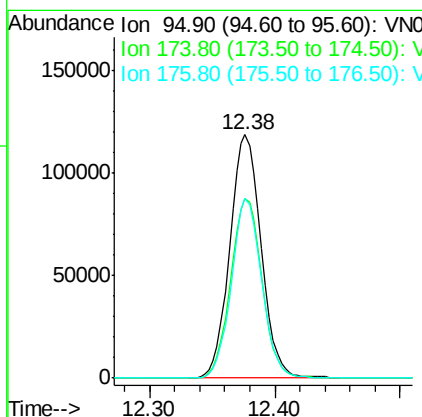
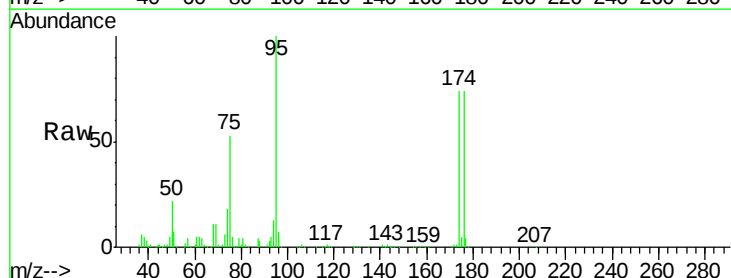
Instrument :
MSVOA_N
ClientSampleId :
223

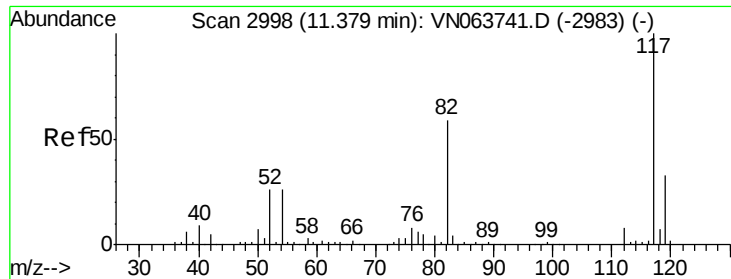
Tot Ion: 98 Resp: 520763
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.6



#62
4-Bromofluorobenzene
Concen: 50.534 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064086.D
Acq: 12 Oct 2020 18:38

Tgt Ion: 95 Resp: 205502
Ion Ratio Lower Upper
95 100
174 73.9 0.0 150.6
176 71.6 0.0 145.4

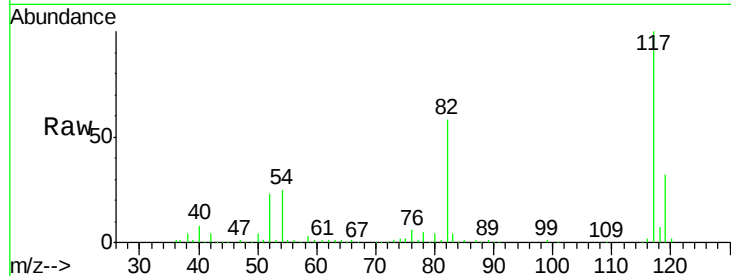




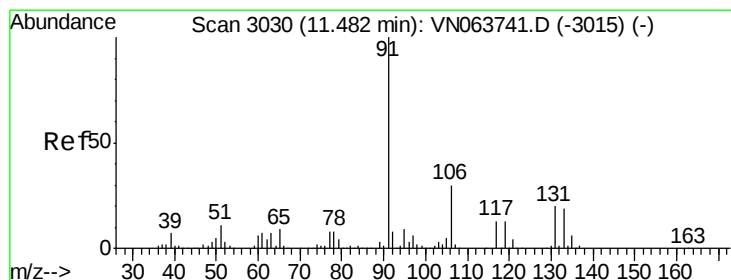
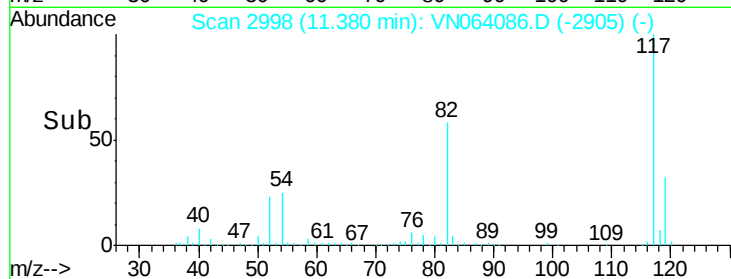
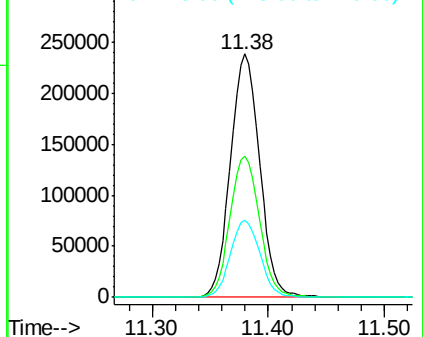
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064086.D
Acq: 12 Oct 2020 18:38

Instrument :
MSVOA_N
ClientSampled :
223

Tot Ion:117 Resp: 417227
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.5 26.4 39.6

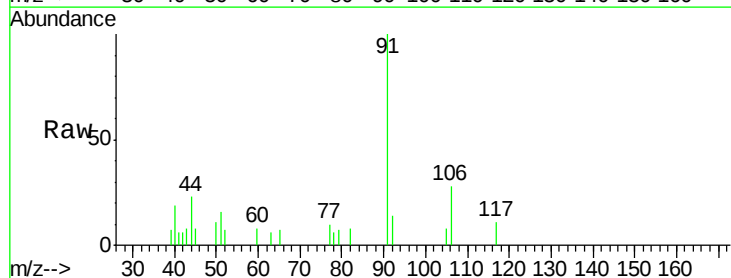


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

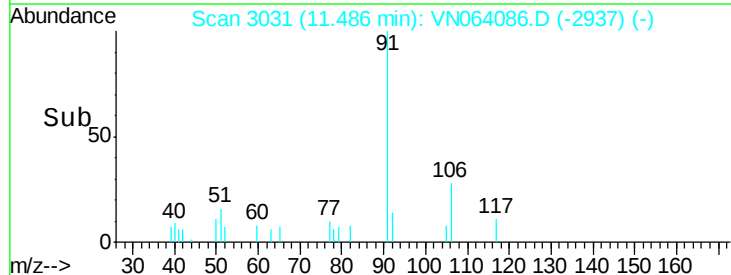
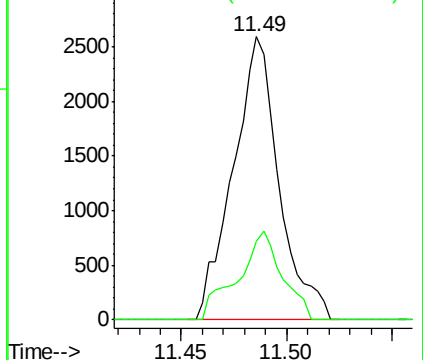


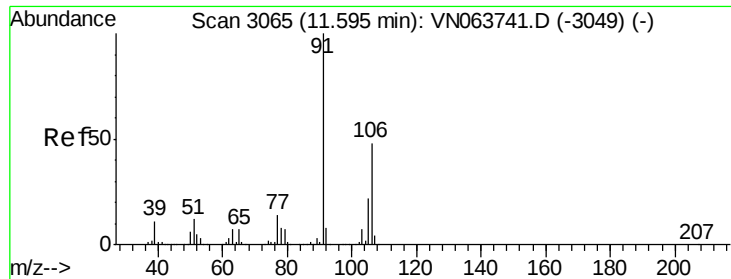
#67
Ethyl Benzene
Concen: 0.252 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064086.D
Acq: 12 Oct 2020 18:38

Tgt Ion: 91 Resp: 3924
Ion Ratio Lower Upper
91 100
106 27.7 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.492 ug/l

RT: 11.60 min Scan# 3067

Delta R.T. 0.01 min

Lab File: VN064086.D

Acq: 12 Oct 2020 18:38

Instrument :

MSVOA_N

ClientSampled :

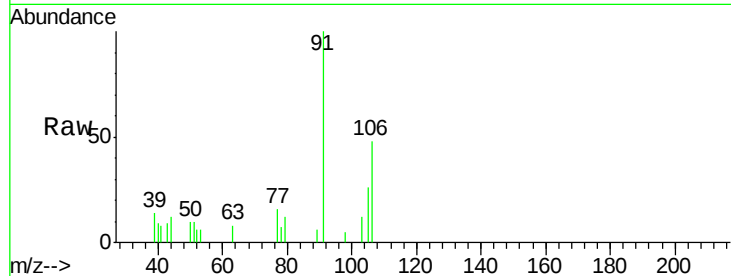
223

Tot Ion:106 Resp: 2858

Ion Ratio Lower Upper

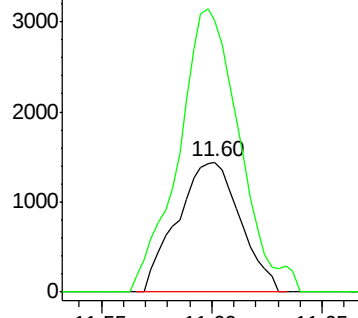
106 100

91 211.1 168.0 252.0

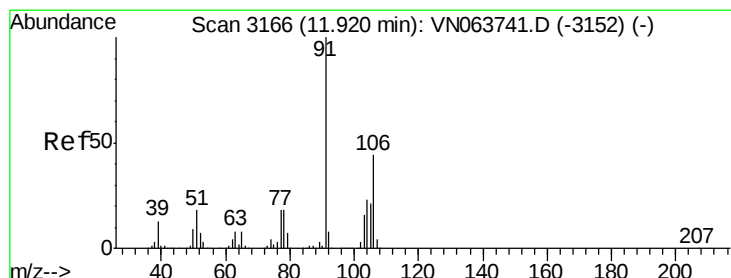
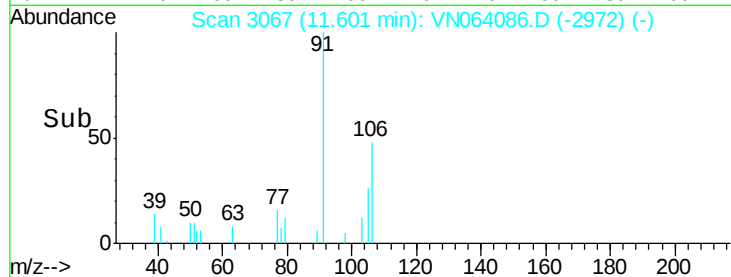


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



Time-->



#69

o-Xylene

Concen: 0.378 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064086.D

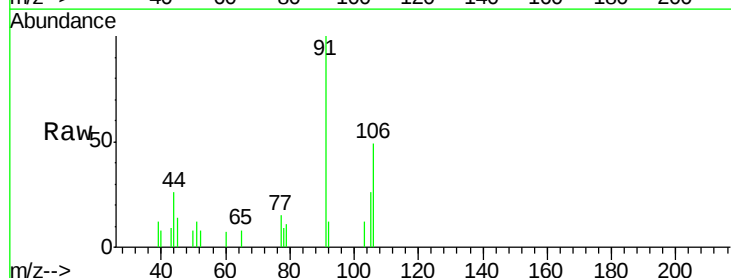
Acq: 12 Oct 2020 18:38

Tgt Ion:106 Resp: 2048

Ion Ratio Lower Upper

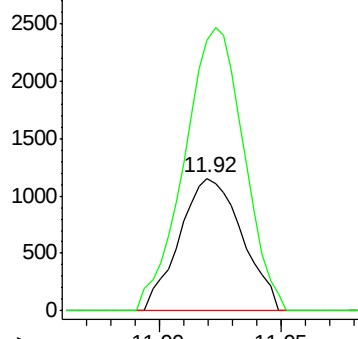
106 100

91 203.4 112.7 338.0

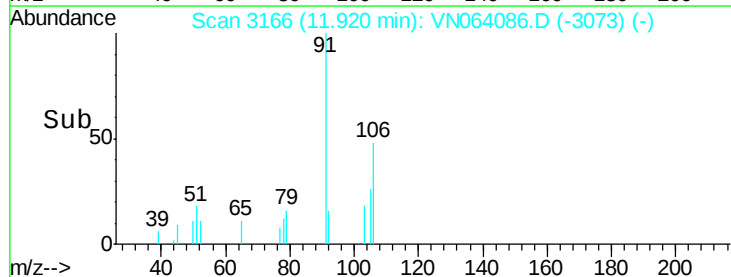


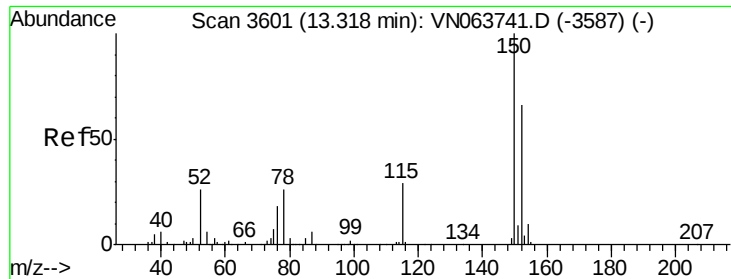
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064086.D

Acq: 12 Oct 2020 18:38

Instrument :

MSVOA_N

ClientSampled :

223

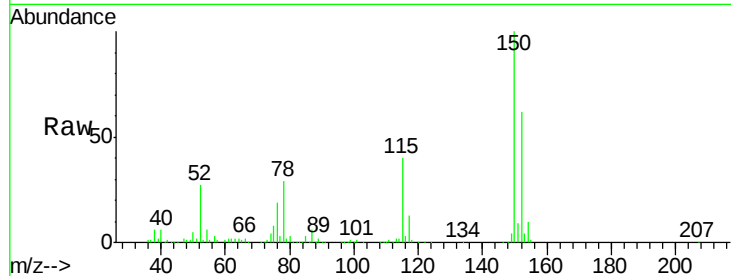
Tot Ion:152 Resp: 166728

Ion Ratio Lower Upper

152 100

115 63.7 31.3 93.8

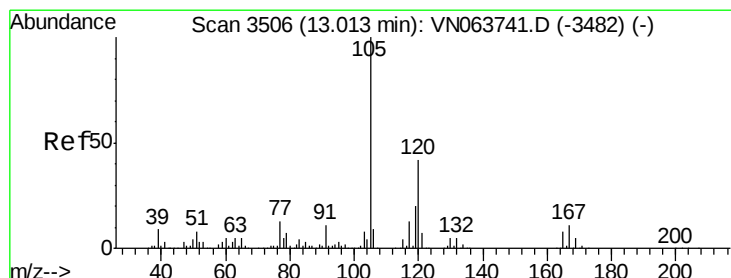
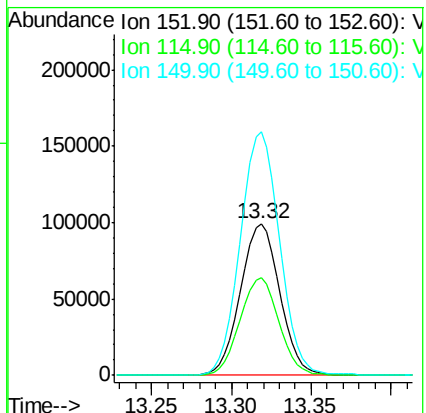
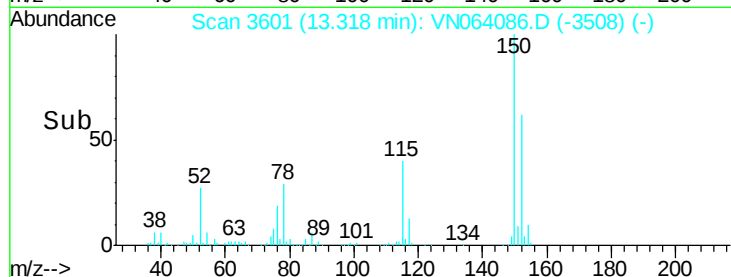
150 160.5 0.0 341.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.548 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064086.D

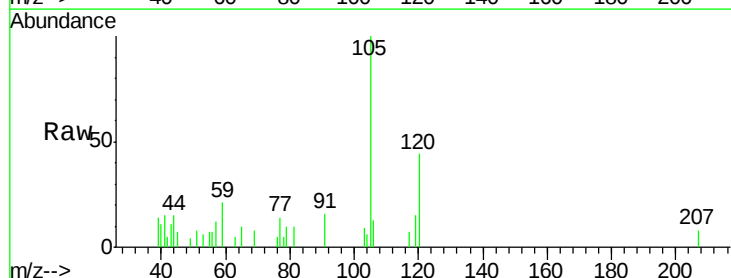
Acq: 12 Oct 2020 18:38

Tgt Ion:105 Resp: 5578

Ion Ratio Lower Upper

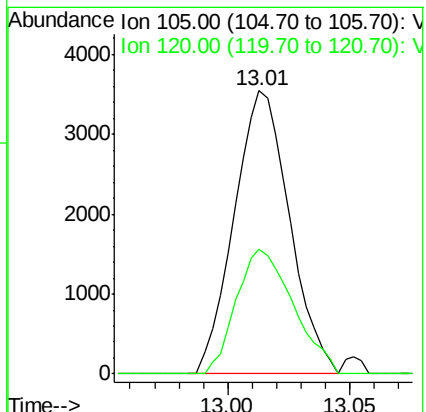
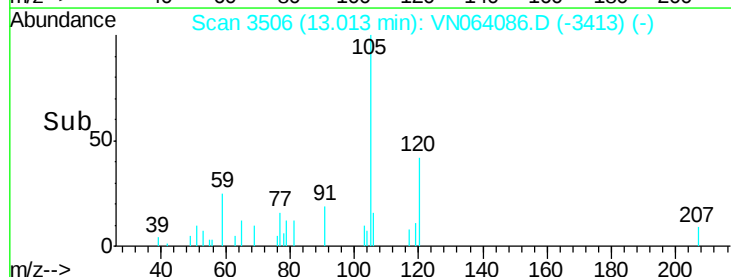
105 100

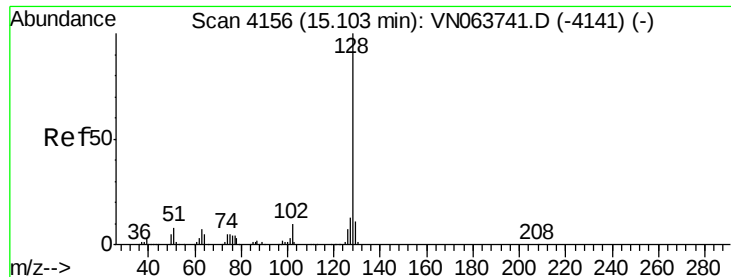
120 45.4 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

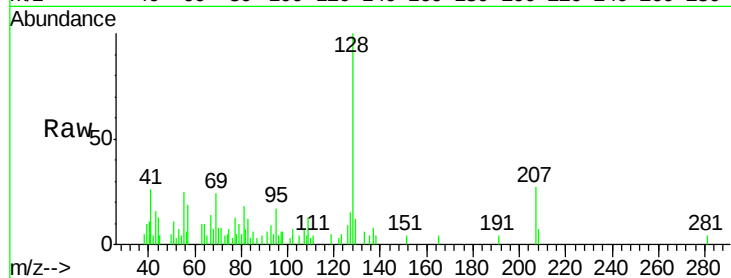




#95
Naphthalene
Concen: 3.106 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN064086.D
Acq: 12 Oct 2020 18:38

Instrument :
MSVOA_N
ClientSampleId :
223

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.5	15.7
129	12.0	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

