

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064734.D
 Acq On : 19 Nov 2020 15:37
 Operator : JC/MD
 Sample : L4783-21DL 800X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL

Quant Time: Nov 20 04:51:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	426125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	456349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200057	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	207939	54.81	ug/l	0.00
Spiked Amount			Recovery	=	109.62%	
35) Dibromofluoromethane	7.55	113	134288	55.37	ug/l	0.00
Spiked Amount			Recovery	=	110.74%	
50) Toluene-d8	10.06	98	557262	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.38	95	230161	55.86	ug/l	0.00
Spiked Amount			Recovery	=	111.72%	

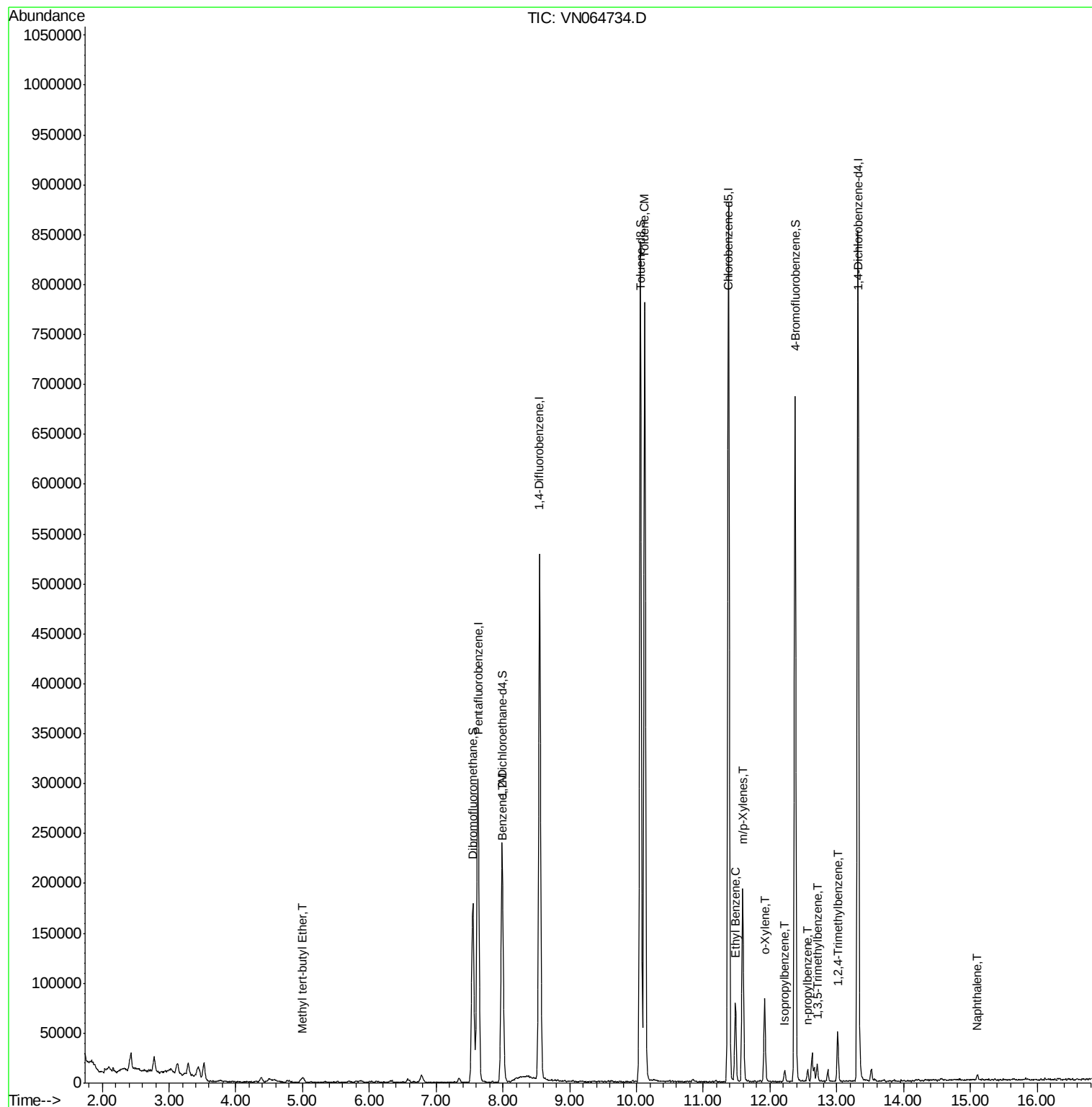
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) Methyl tert-butyl Ether	5.00	73	5066	0.653	ug/l #	87
40) Benzene	8.01	78	13155	1.077	ug/l	96
52) Toluene	10.12	92	315760	41.971	ug/l	100
67) Ethyl Benzene	11.48	91	50940	2.976	ug/l	98
68) m/p-Xylenes	11.59	106	55154	11.675	ug/l	98
69) o-Xylene	11.92	106	20558	3.443	ug/l	94
73) Isopropylbenzene	12.22	105	6472	0.456	ug/l	94
78) n-propylbenzene	12.57	91	8909	0.539	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	7803	0.661	ug/l	90
84) 1,2,4-Trimethylbenzene	13.01	105	25561	2.123	ug/l	100
95) Naphthalene	15.11	128	4985	0.443	ug/l #	91

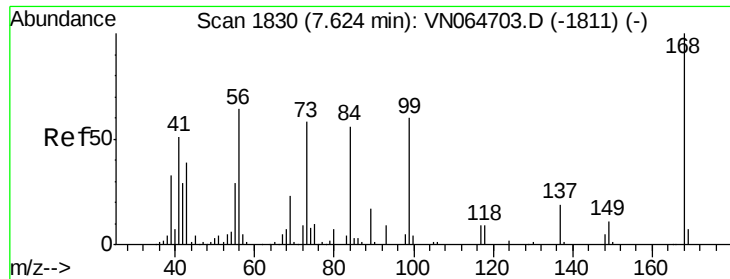
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 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: VN064734.D

Acq: 19 Nov 2020 15:37

Instrument :

MSVOA_N

ClientSampleId :

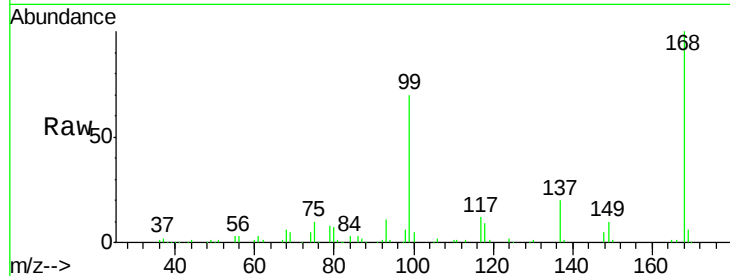
MW-3DL

Tot Ion:168 Resp: 215641

Ion Ratio Lower Upper

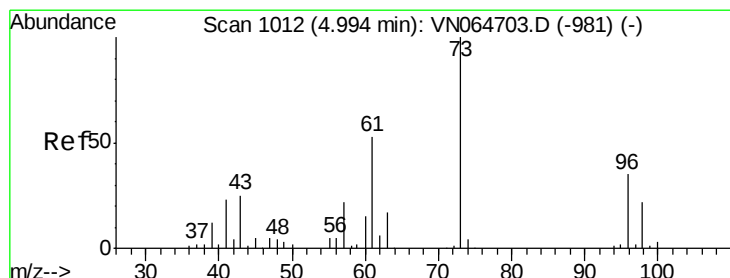
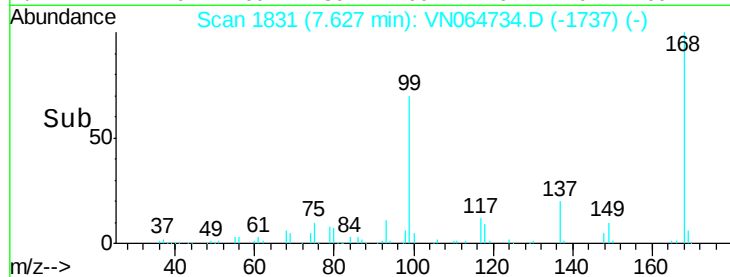
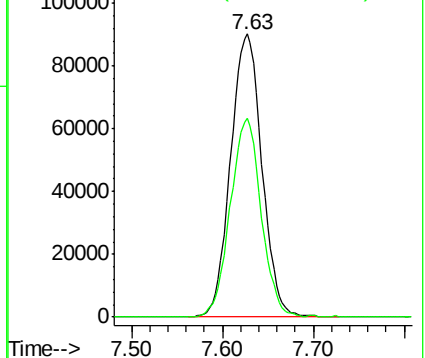
168 100

99 70.3 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#19

Methyl tert-butyl Ether

Concen: 0.653 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN064734.D

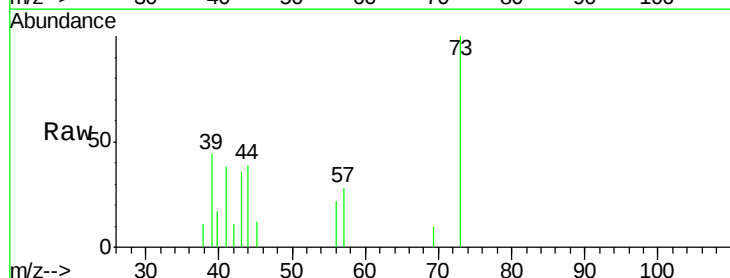
Acq: 19 Nov 2020 15:37

Tgt Ion: 73 Resp: 5066

Ion Ratio Lower Upper

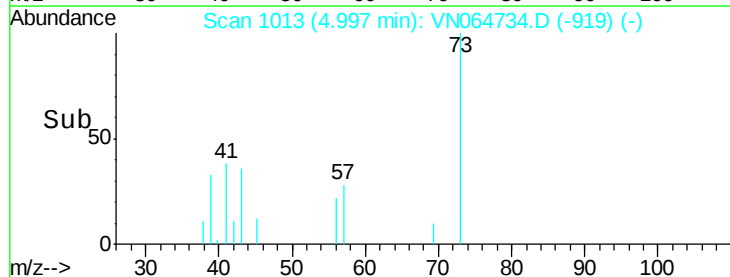
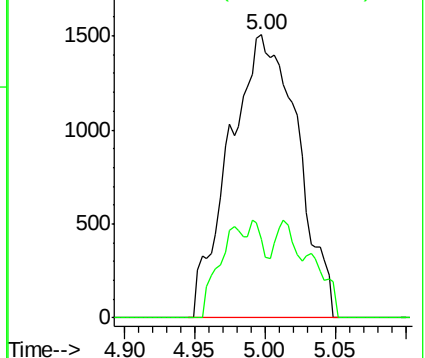
73 100

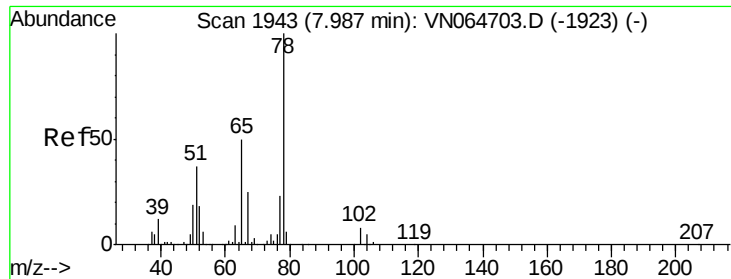
57 28.0 17.3 25.9#



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 54.815 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064734.D

Acq: 19 Nov 2020 15:37

Instrument :

MSVOA_N

ClientSampled :

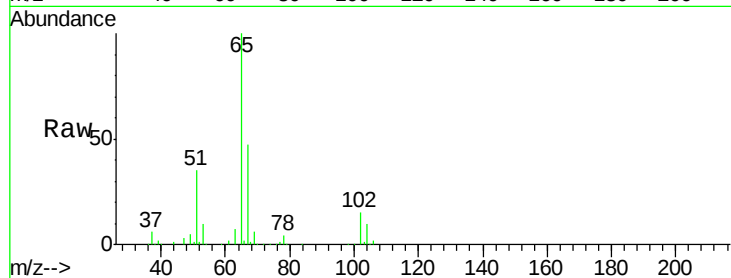
MW-3DL

Tot Ion: 65 Resp: 207939

Ion Ratio Lower Upper

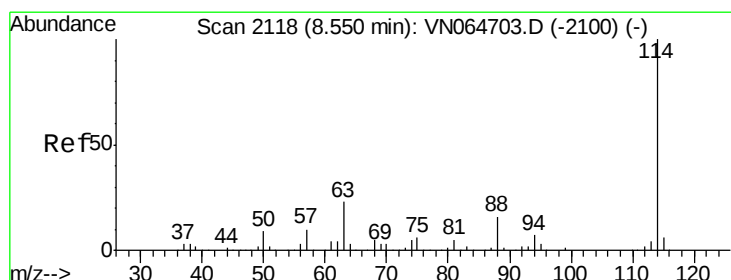
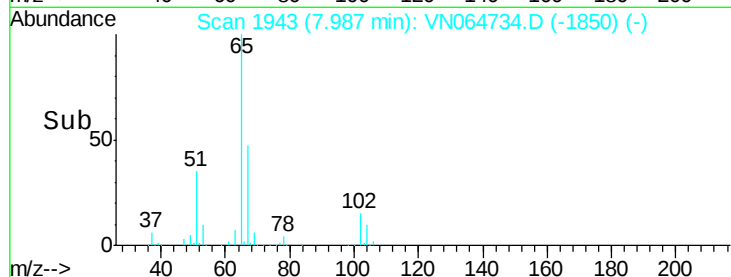
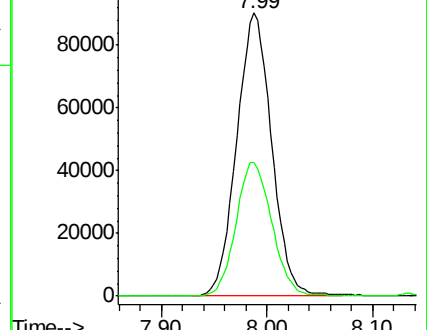
65 100

67 48.4 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN064734.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064734.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064734.D

Acq: 19 Nov 2020 15:37

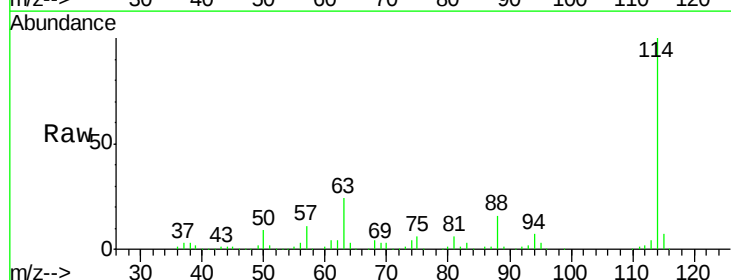
Tgt Ion: 114 Resp: 426125

Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.0

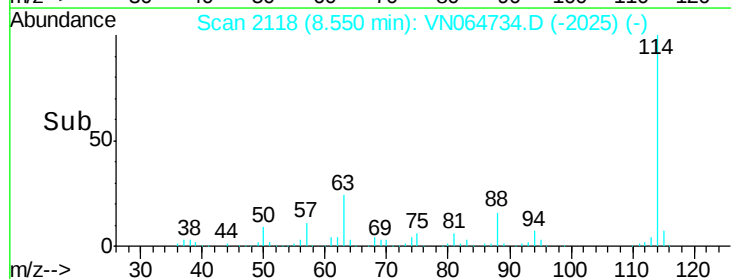
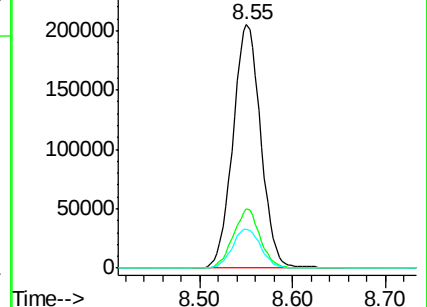
88 15.9 0.0 31.2

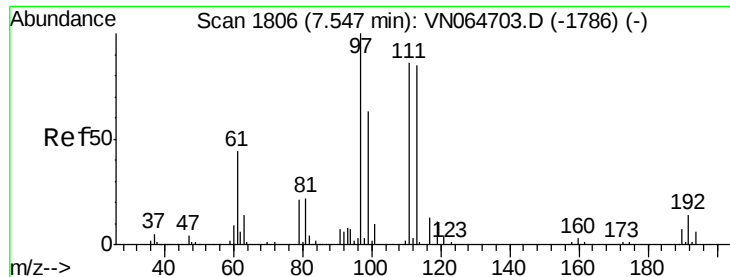


Abundance Ion 113.90 (113.60 to 114.60): VN064734.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064734.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064734.D (-2025) (-)

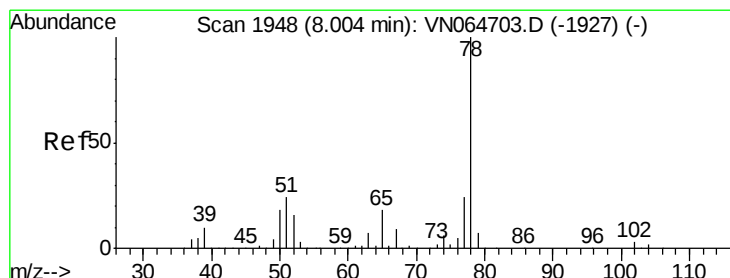
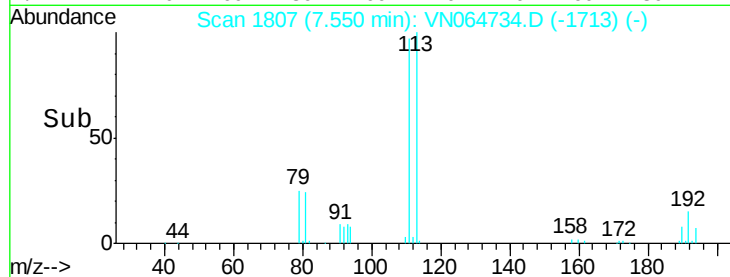
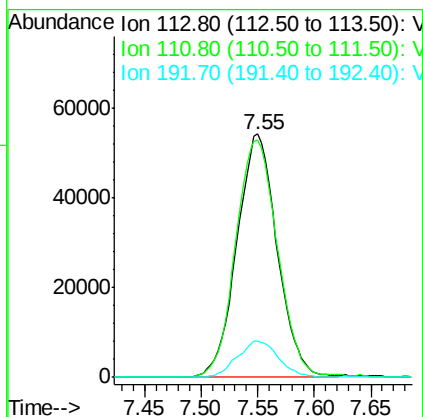
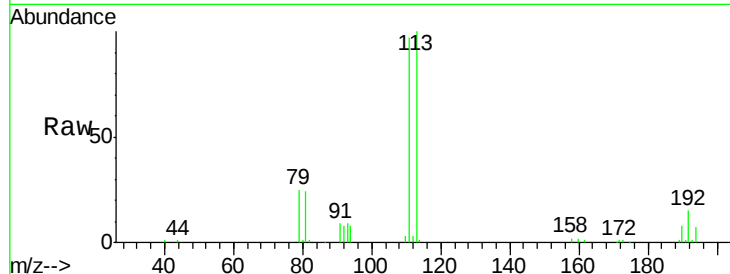




#35
 Dibromofluoromethane
 Concen: 55.368 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064734.D
 Acq: 19 Nov 2020 15:37

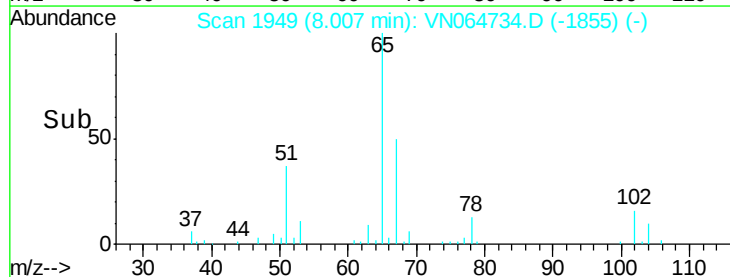
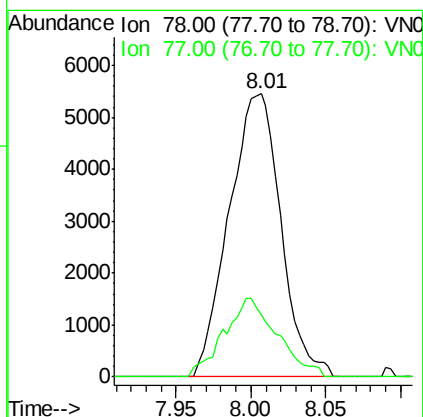
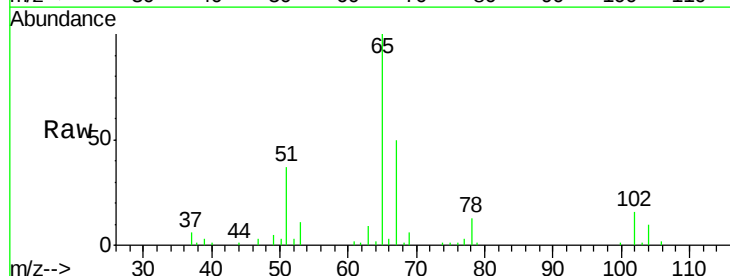
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL

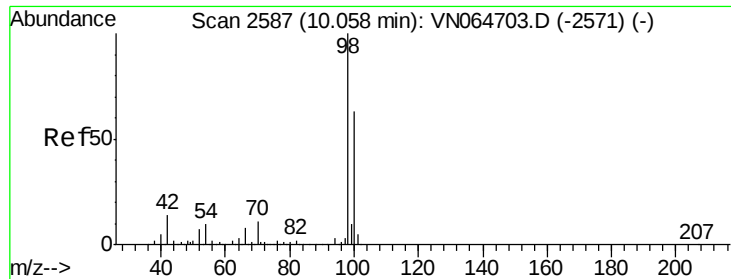
Tot Ion:113 Resp: 134288
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.4
 192 15.3 12.7 19.1



#40
 Benzene
 Concen: 1.077 ug/l
 RT: 8.01 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: VN064734.D
 Acq: 19 Nov 2020 15:37

Tgt Ion: 78 Resp: 13155
 Ion Ratio Lower Upper
 78 100
 77 21.9 19.2 28.8





#50

Toluene-d8

Concen: 50.554 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064734.D

Acq: 19 Nov 2020 15:37

Instrument :

MSVOA_N

ClientSampleId :

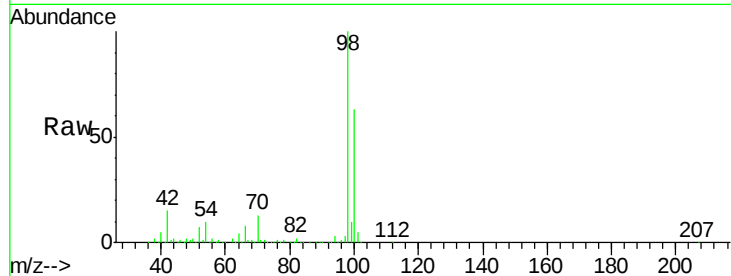
MW-3DL

Tot Ion: 98 Resp: 557262

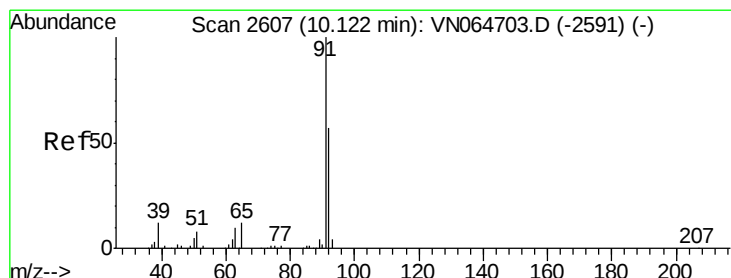
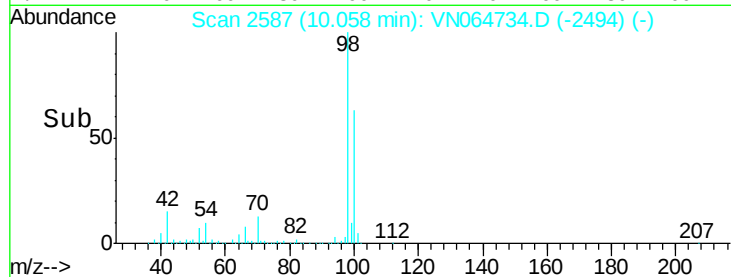
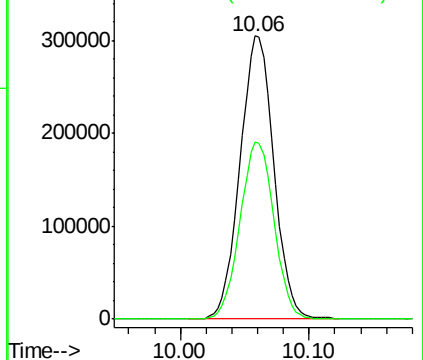
Ion Ratio Lower Upper

98 100

100 62.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN064734.D (-2571) (-)



#52

Toluene

Concen: 41.971 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064734.D

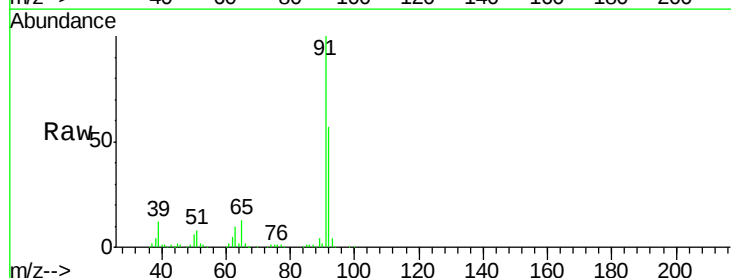
Acq: 19 Nov 2020 15:37

Tgt Ion: 92 Resp: 315760

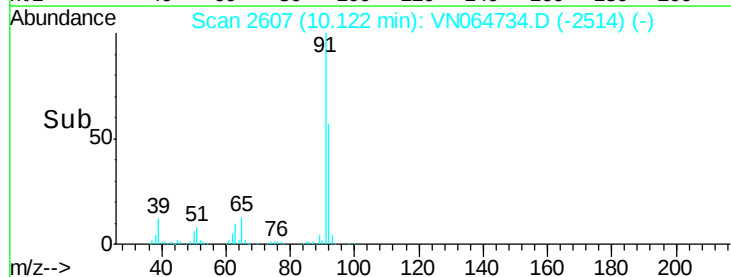
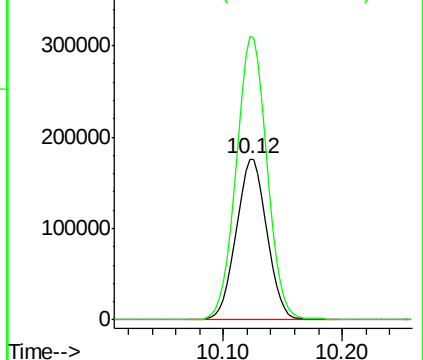
Ion Ratio Lower Upper

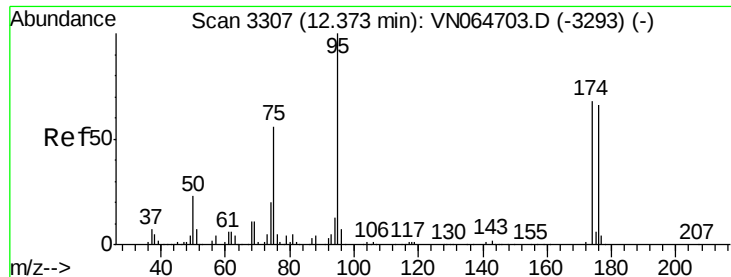
92 100

91 176.4 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN064734.D (-2591) (-)

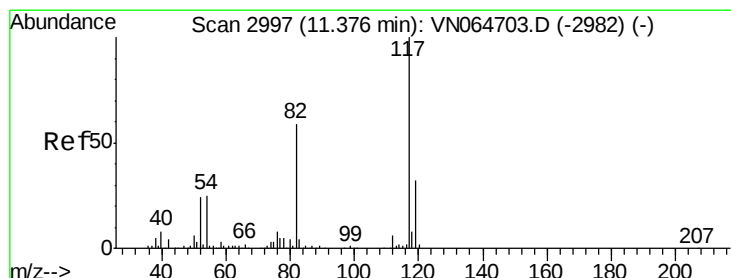
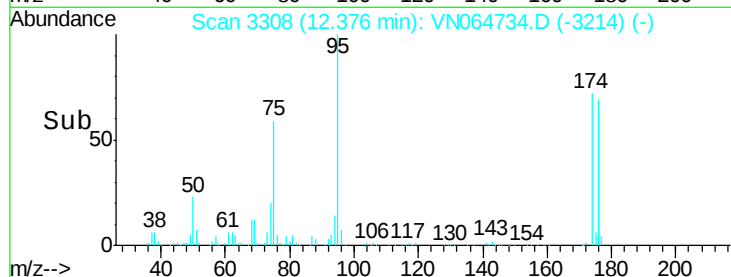
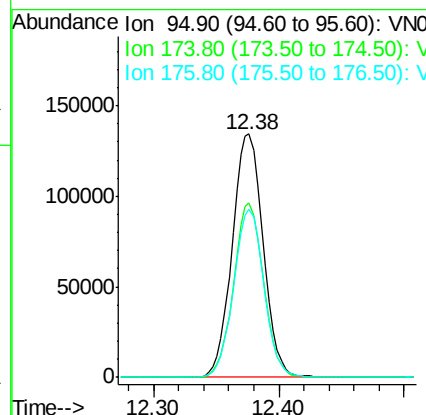
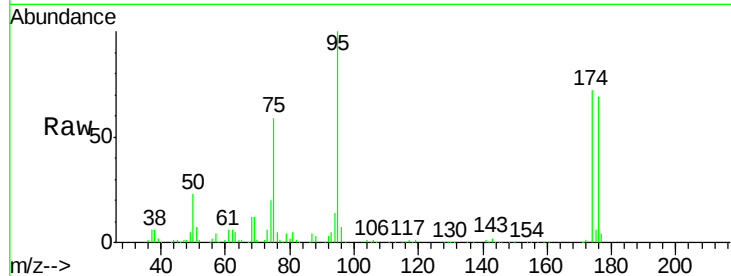




#62
4-Bromofluorobenzene
Concen: 55.862 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064734.D
Acq: 19 Nov 2020 15:37

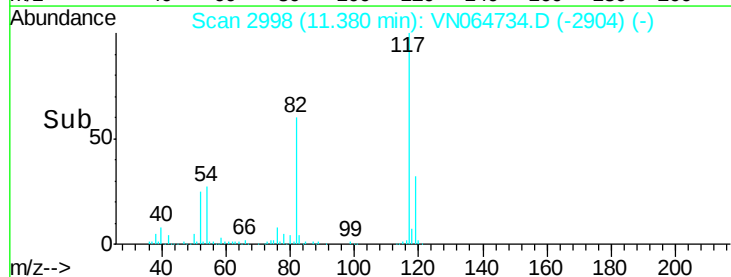
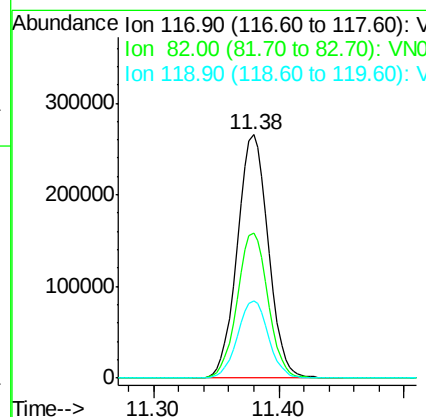
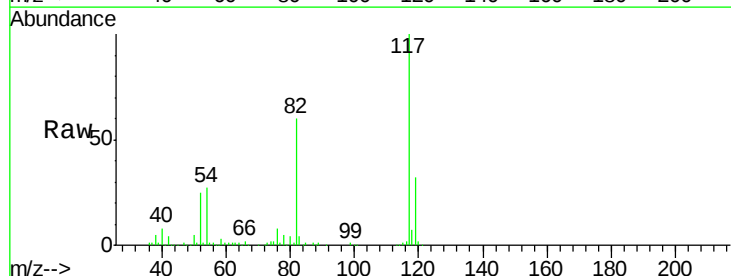
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

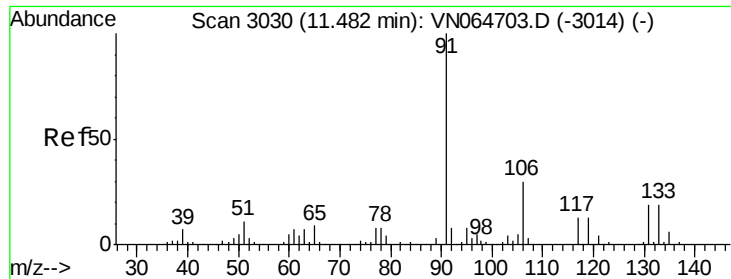
Tot Ion	Ratio	Lower	Upper
95	100		
174	69.3	0.0	136.8
176	67.4	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064734.D
Acq: 19 Nov 2020 15:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.0	70.6
119	31.8	25.4	38.2

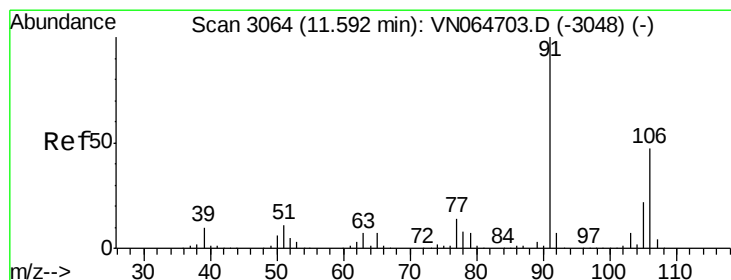
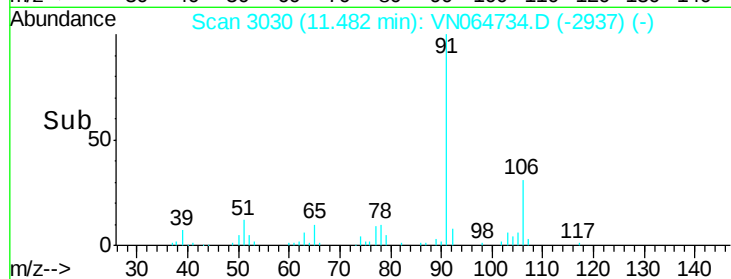
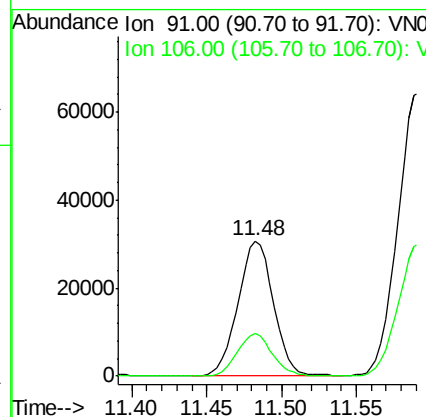
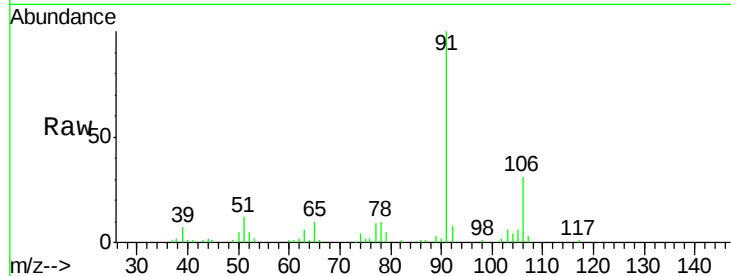




#67
Ethyl Benzene
Concen: 2.976 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064734.D
Acq: 19 Nov 2020 15:37

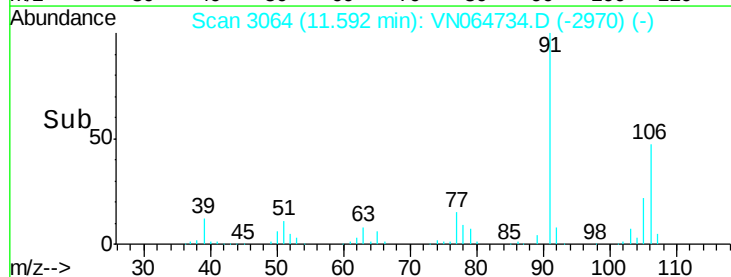
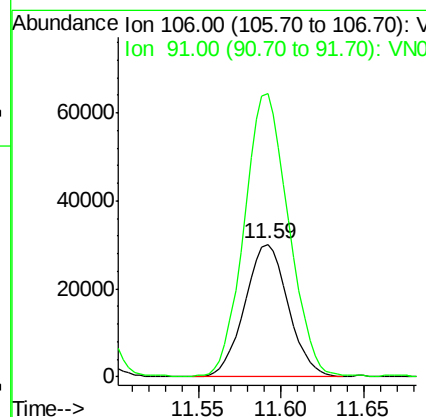
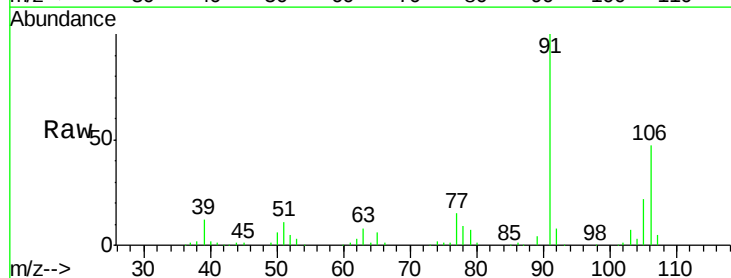
Instrument :
MSVOA_N
ClientSampled :
MW-3DL

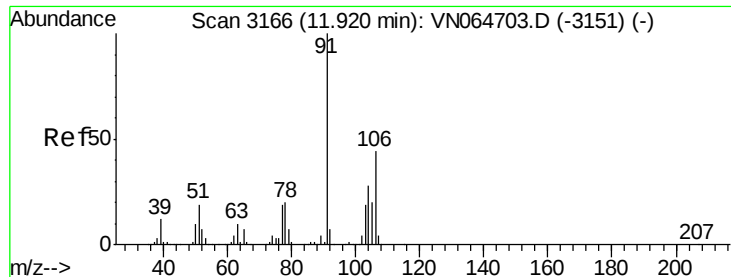
Tot Ion: 91 Resp: 50940
Ion Ratio Lower Upper
91 100
106 31.1 23.9 35.9



#68
m/p-Xylenes
Concen: 11.675 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064734.D
Acq: 19 Nov 2020 15:37

Tgt Ion: 106 Resp: 55154
Ion Ratio Lower Upper
106 100
91 217.9 171.9 257.9

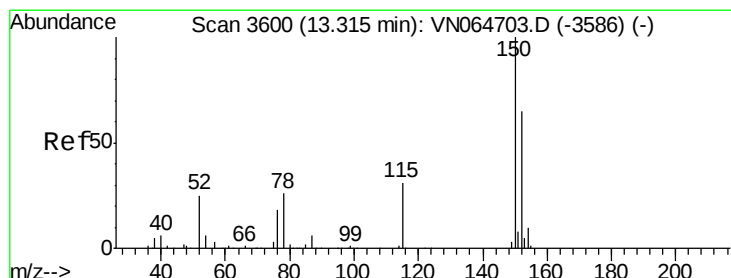
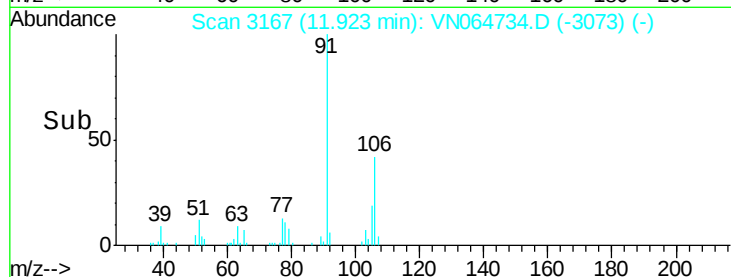
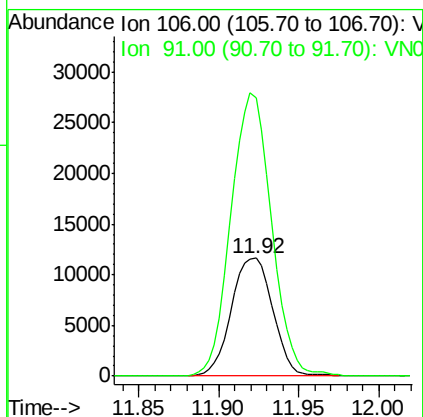
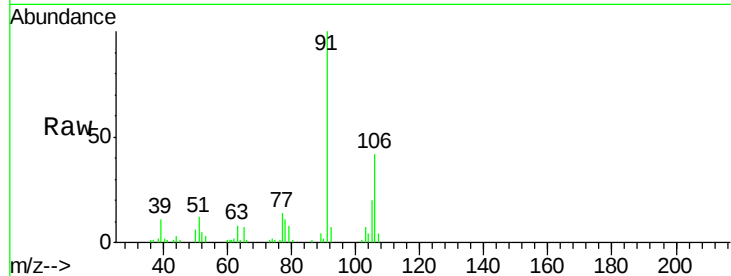




#69
o-Xylene
Concen: 3.443 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064734.D
Acq: 19 Nov 2020 15:37

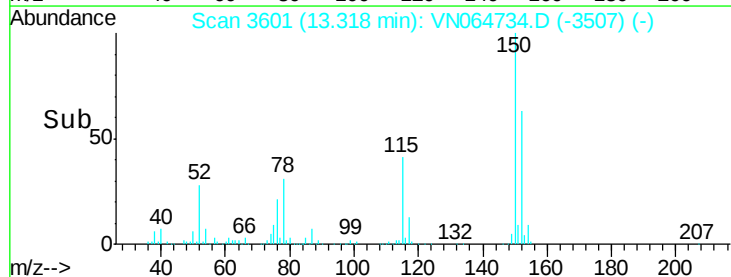
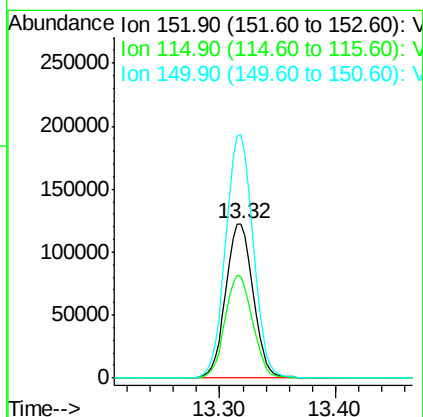
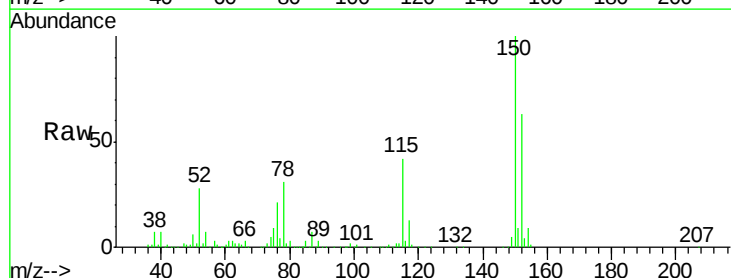
Instrument :
MSVOA_N
ClientSampled :
MW-3DL

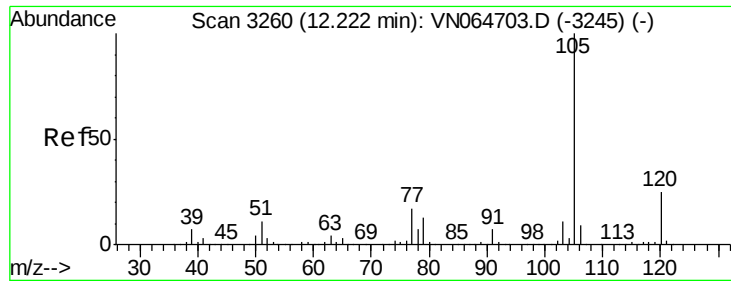
Tot Ion:106 Resp: 20558
Ion Ratio Lower Upper
106 100
91 234.7 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064734.D
Acq: 19 Nov 2020 15:37

Tgt Ion:152 Resp: 200057
Ion Ratio Lower Upper
152 100
115 66.9 32.1 96.3
150 158.7 0.0 344.8





#73

Isopropylbenzene

Concen: 0.456 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064734.D

Acq: 19 Nov 2020 15:37

Instrument :

MSVOA_N

ClientSampleId :

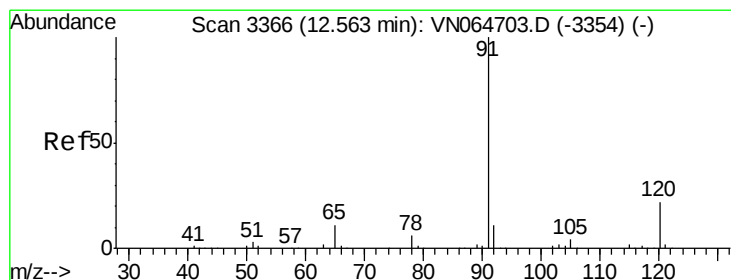
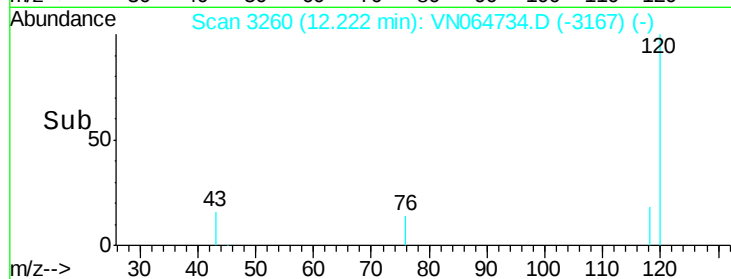
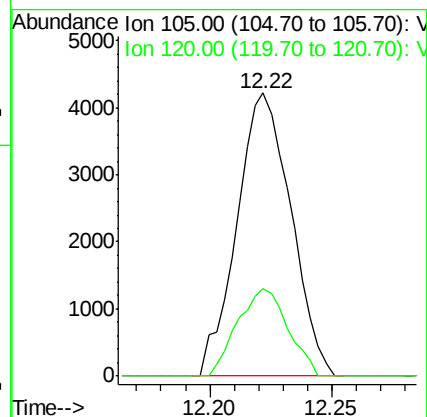
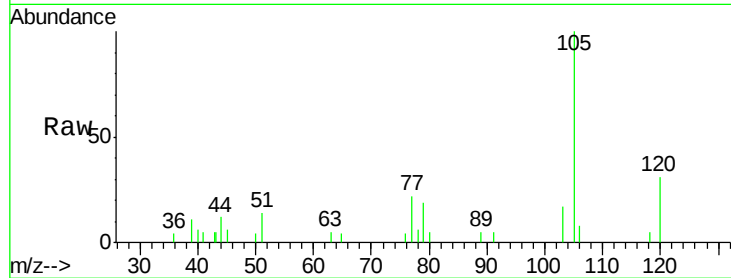
MW-3DL

Tot Ion:105 Resp: 6472

Ion Ratio Lower Upper

105 100

120 28.8 12.8 38.3



#78

n-propylbenzene

Concen: 0.539 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064734.D

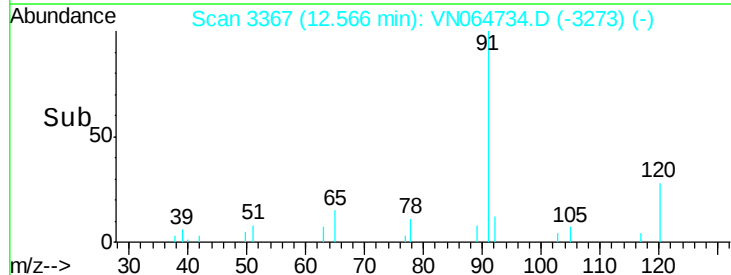
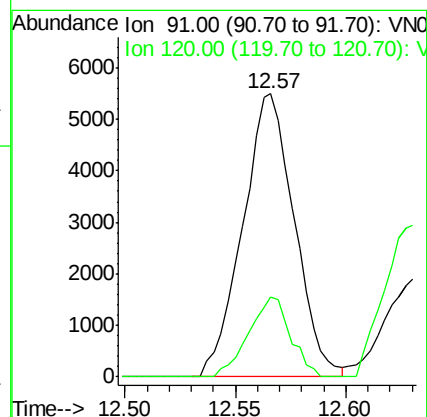
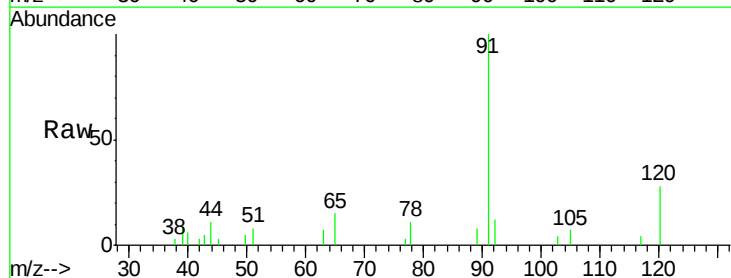
Acq: 19 Nov 2020 15:37

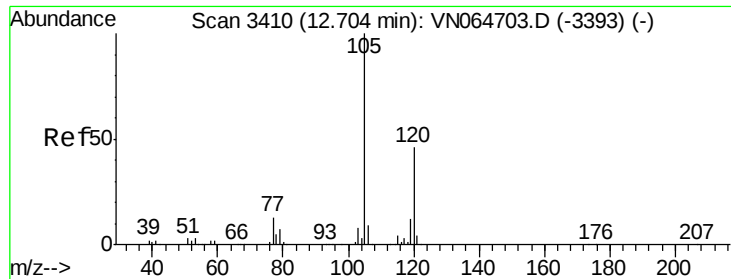
Tgt Ion: 91 Resp: 8909

Ion Ratio Lower Upper

91 100

120 22.8 10.9 32.9

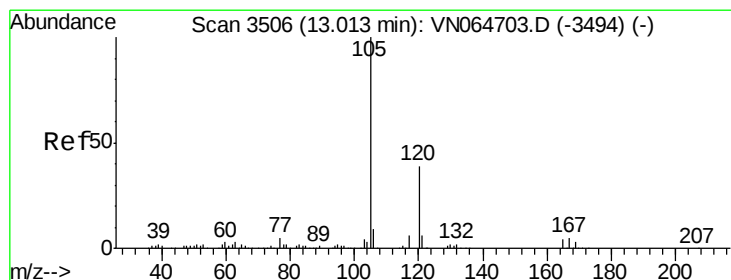
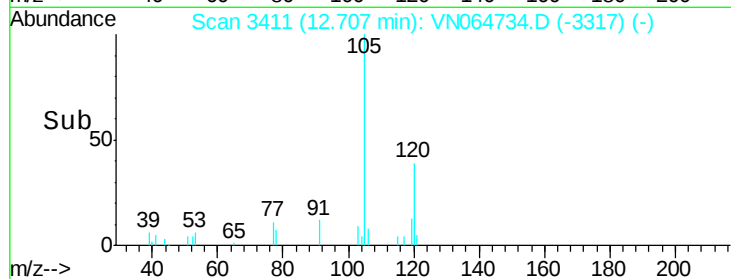
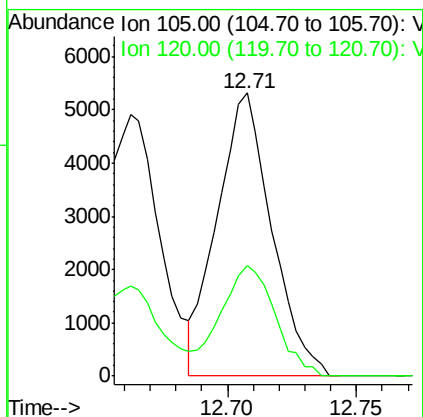
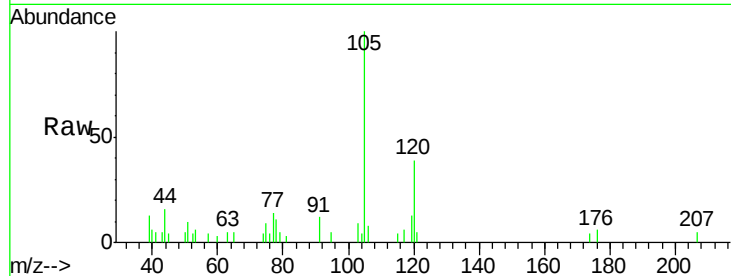




#80
 1,3,5-Trimethylbenzene
 Concen: 0.661 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064734.D
 Acq: 19 Nov 2020 15:37

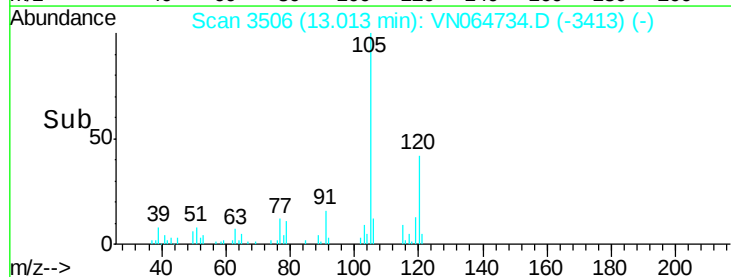
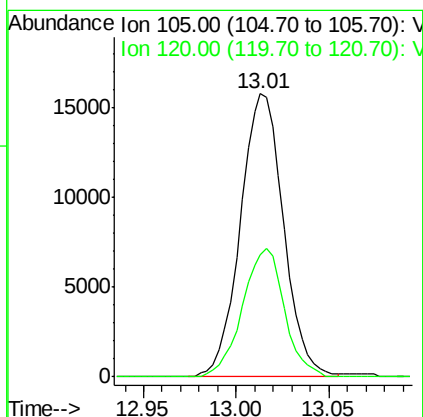
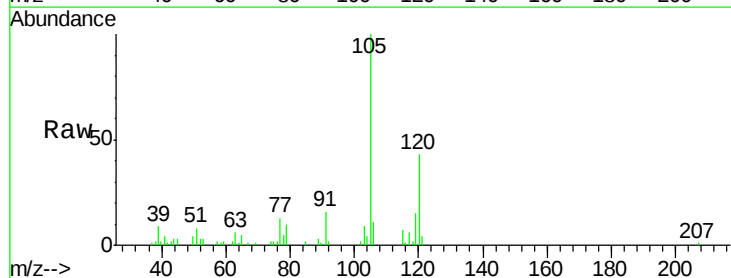
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3DL

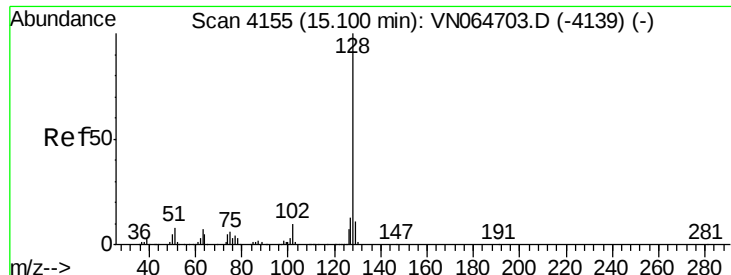
Tot Ion:105 Resp: 7803
 Ion Ratio Lower Upper
 105 100
 120 39.5 22.9 68.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.123 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064734.D
 Acq: 19 Nov 2020 15:37

Tgt Ion:105 Resp: 25561
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0





#95

Naphthalene

Concen: 0.443 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064734.D

Acq: 19 Nov 2020 15:37

Instrument :

MSVOA_N

ClientSampleId :

MW-3DL

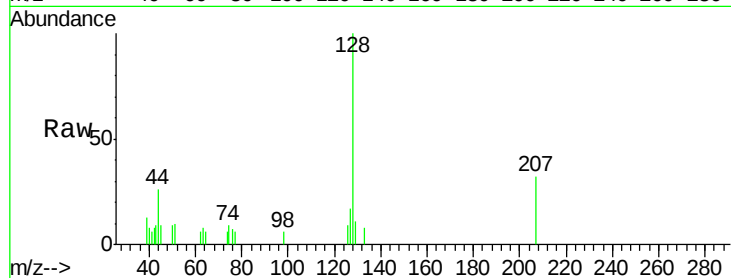
Tot Ion:128 Resp: 4985

Ion Ratio Lower Upper

128 100

127 11.0 10.8 16.2

129 6.2 8.9 13.3#



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

