

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064372.D
 Acq On : 29 Oct 2020 14:34
 Operator : JC/MD
 Sample : L4554-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Oct 30 07:34:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

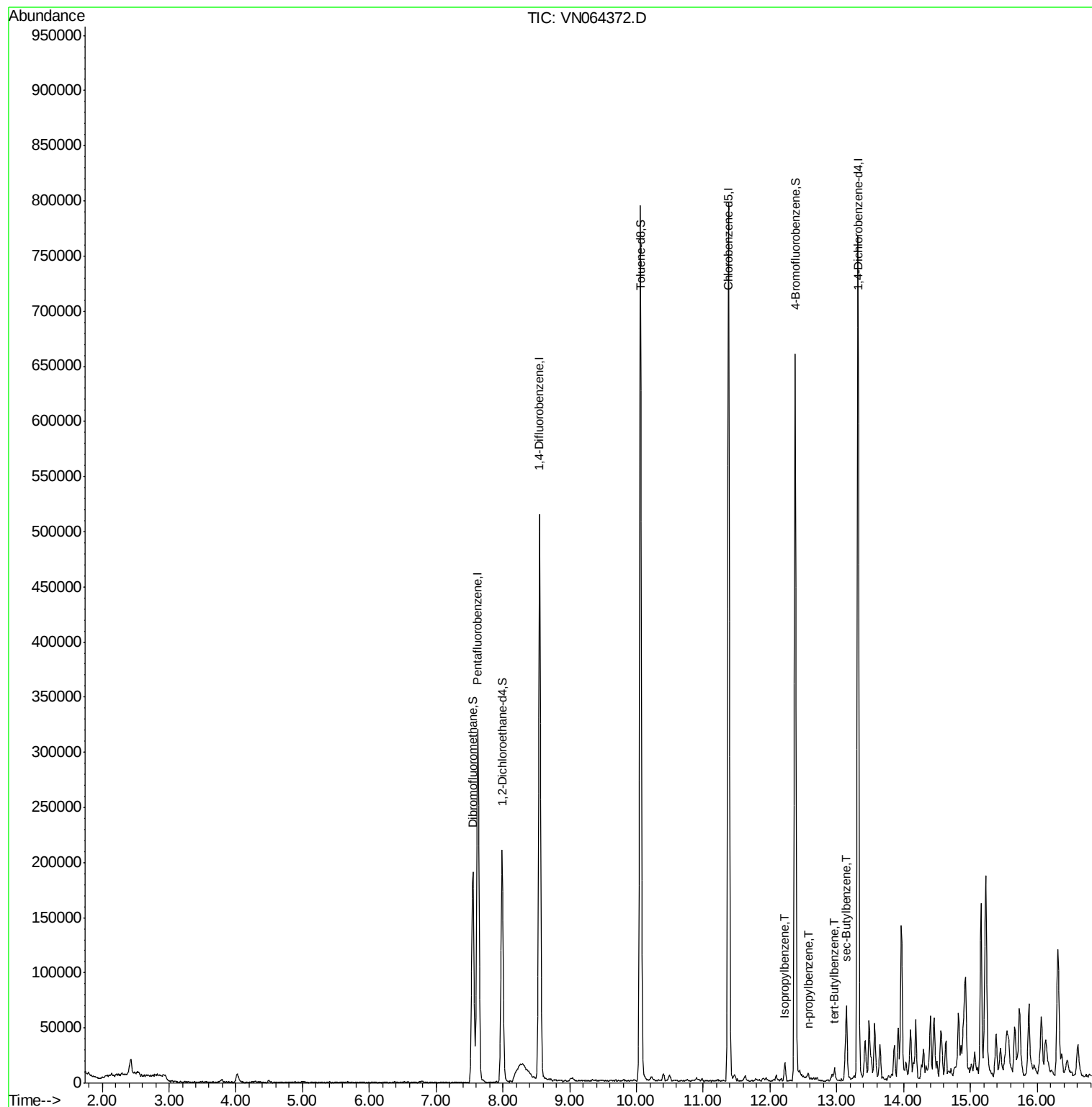
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	246058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	432046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	194676	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	7.55	113	142307	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.06	98	523193	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.38	95	224677	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
Target Compounds						
73) Isopropylbenzene	12.23	105	10848	0.748	ug/l	99
78) n-propylbenzene	12.57	91	5341	0.325	ug/l	94
83) tert-Butylbenzene	12.97	119	5152	0.512	ug/l	90
85) sec-Butylbenzene	13.14	105	42627	3.272	ug/l	92

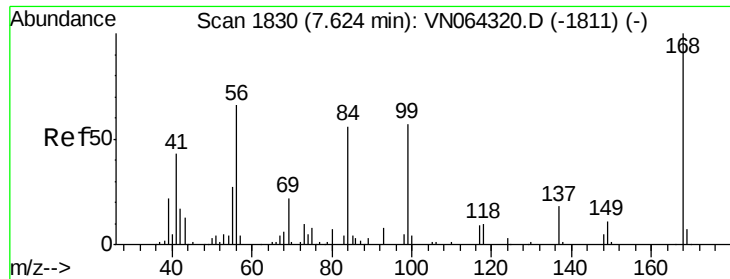
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102920\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064372.D

Acq: 29 Oct 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

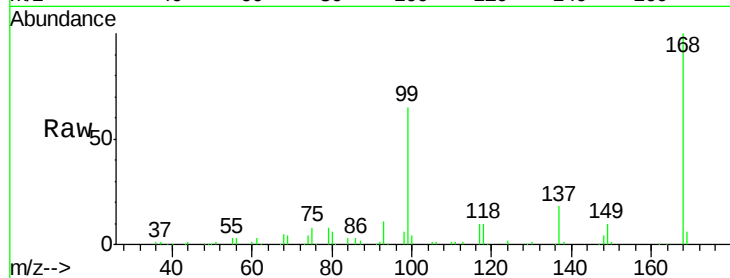
MW-3

Tot Ion:168 Resp: 246058

Ion Ratio Lower Upper

168 100

99 64.5 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

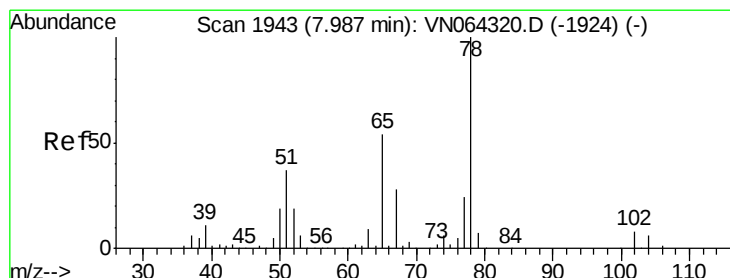
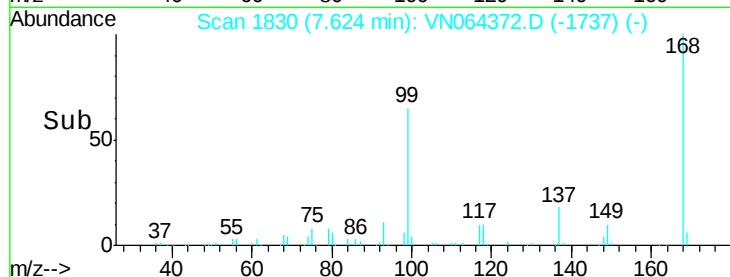
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.234 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064372.D

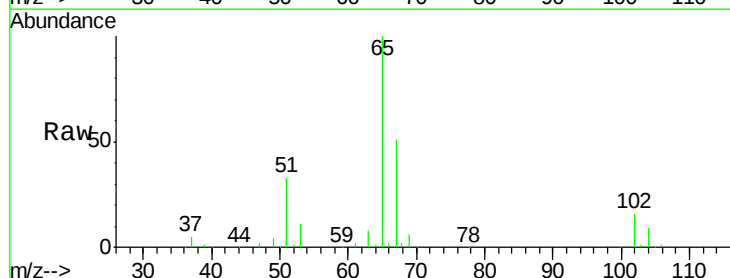
Acq: 29 Oct 2020 14:34

Tgt Ion: 65 Resp: 194676

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

80000

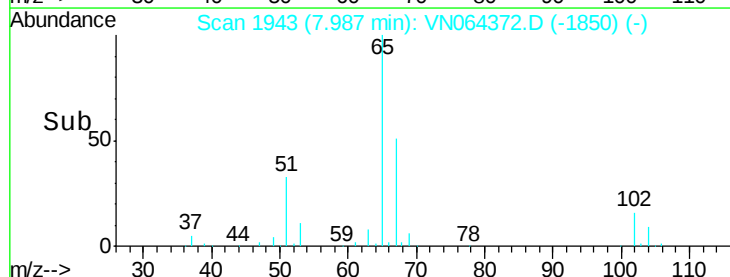
60000

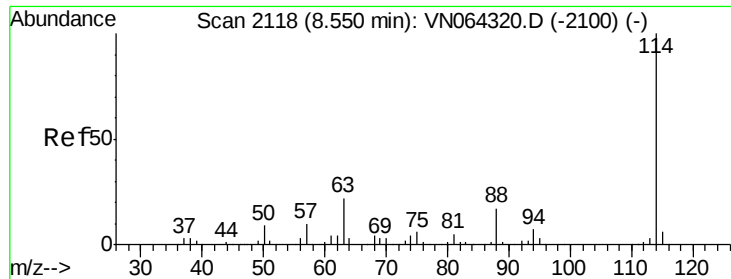
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20000

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Time-->

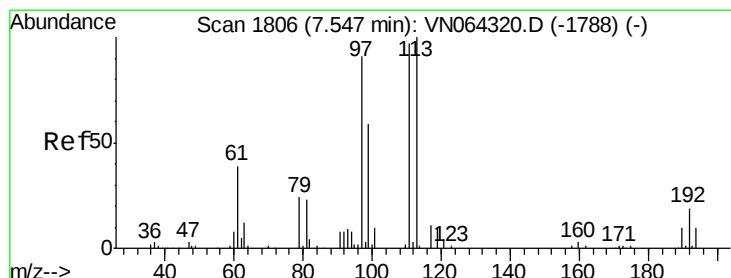
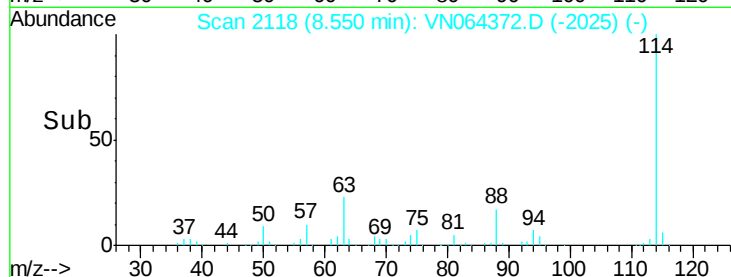
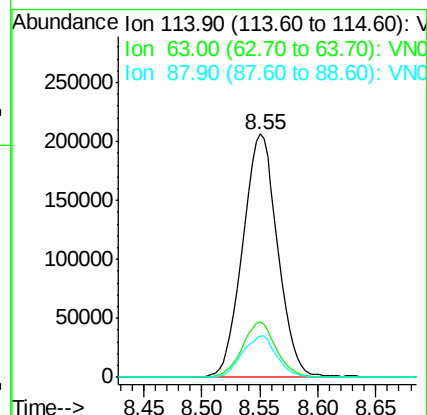
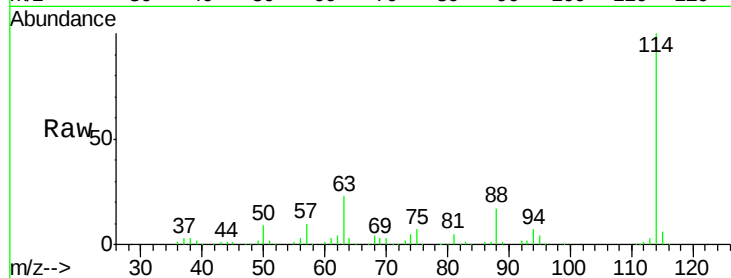




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064372.D
Acq: 29 Oct 2020 14:34

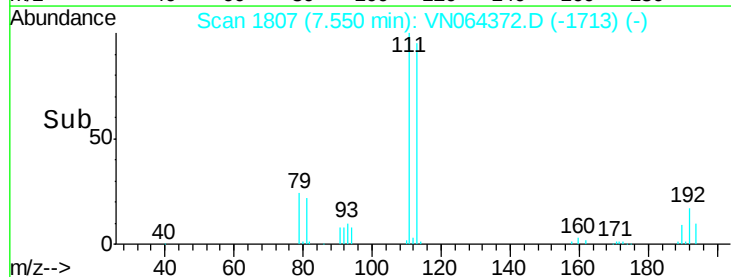
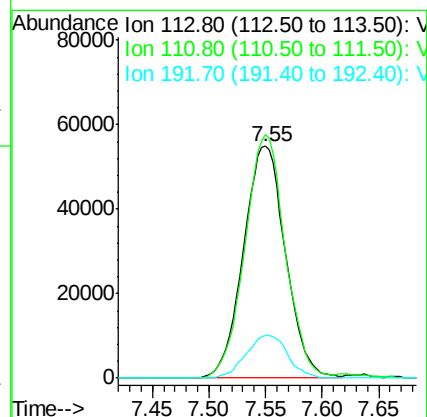
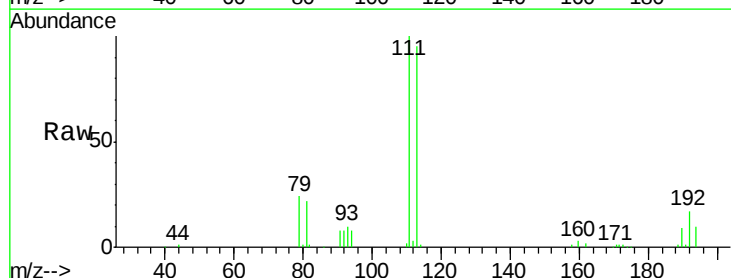
Instrument :
MSVOA_N
ClientSampled :
MW-3

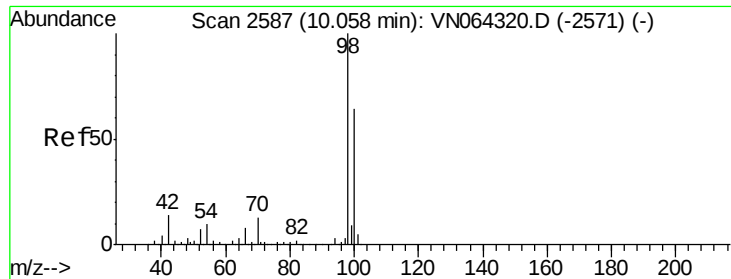
Tot Ion:114 Resp: 432046
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 16.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.391 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064372.D
Acq: 29 Oct 2020 14:34

Tgt Ion:113 Resp: 142307
Ion Ratio Lower Upper
113 100
111 100.4 81.5 122.3
192 18.2 15.0 22.4





#50

Toluene-d8

Concen: 49.093 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064372.D

Acq: 29 Oct 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

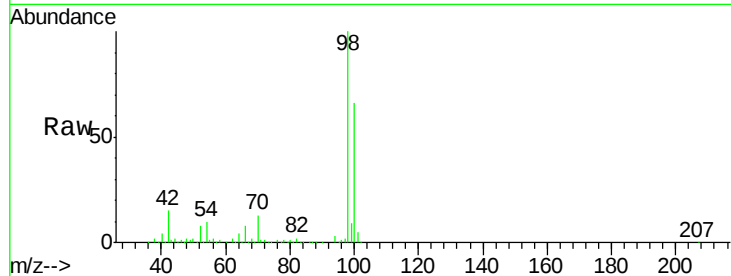
MW-3

Tot Ion: 98 Resp: 523193

Ion Ratio Lower Upper

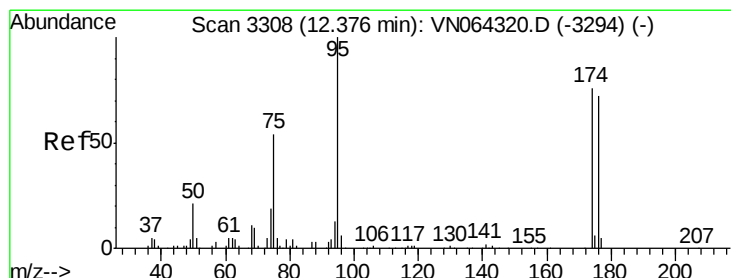
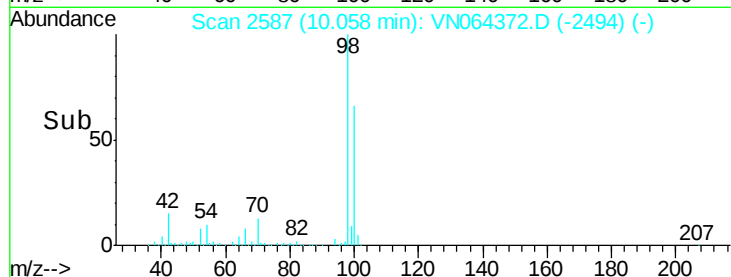
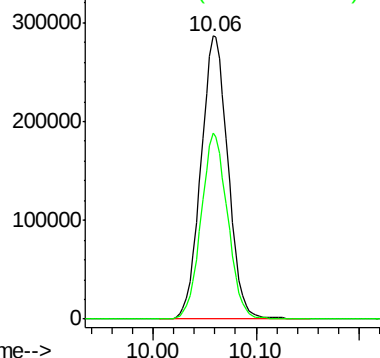
98 100

100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 54.072 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064372.D

Acq: 29 Oct 2020 14:34

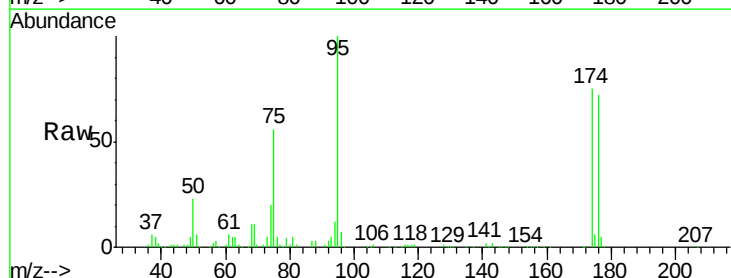
Tgt Ion: 95 Resp: 224677

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.4

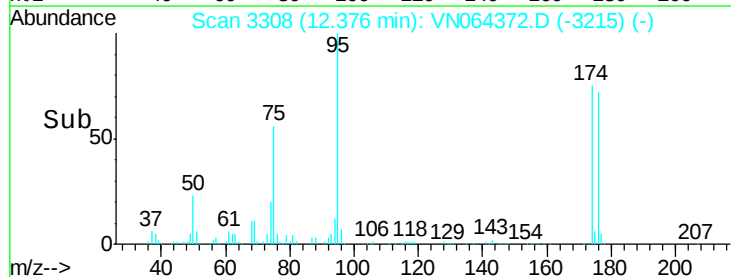
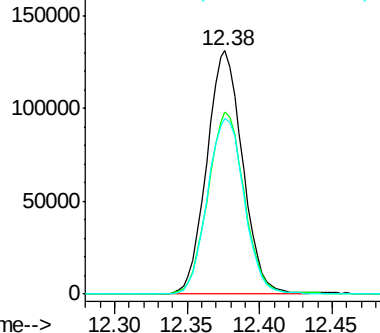
176 74.1 0.0 143.6

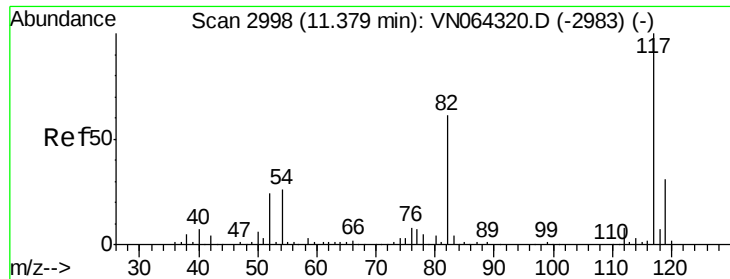


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

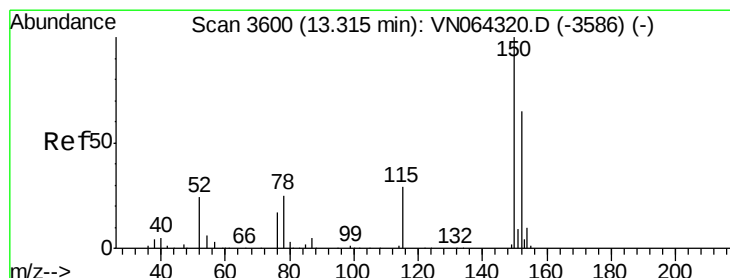
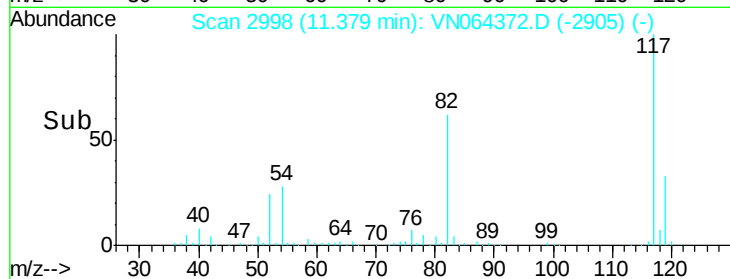
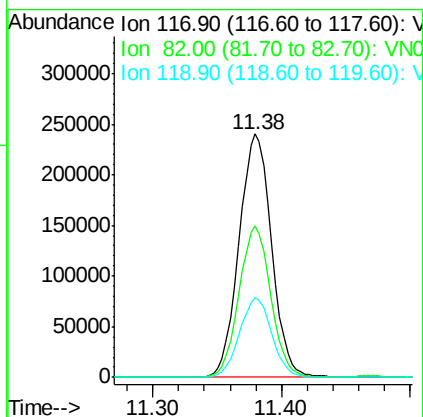
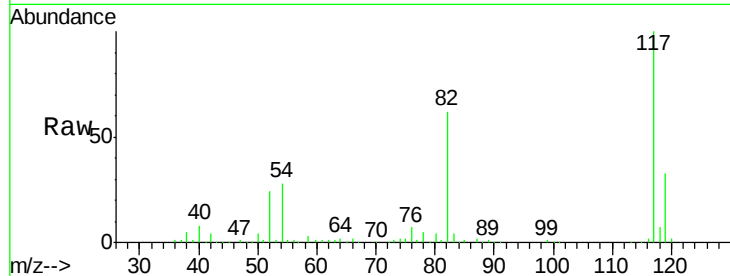




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064372.D
Acq: 29 Oct 2020 14:34

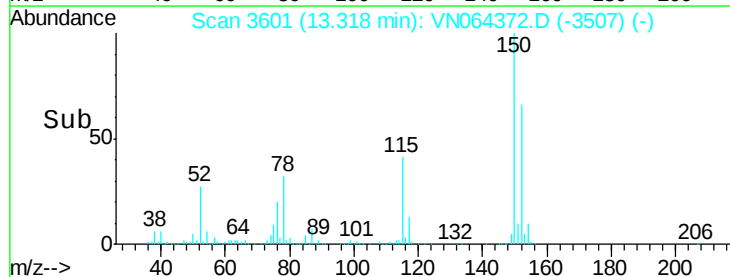
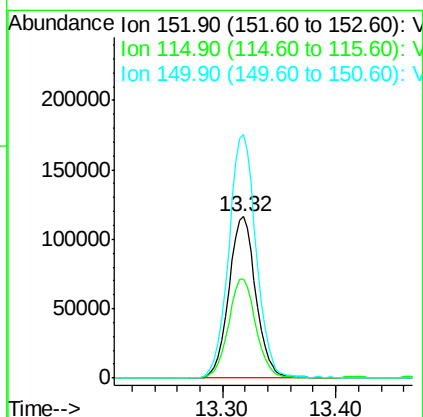
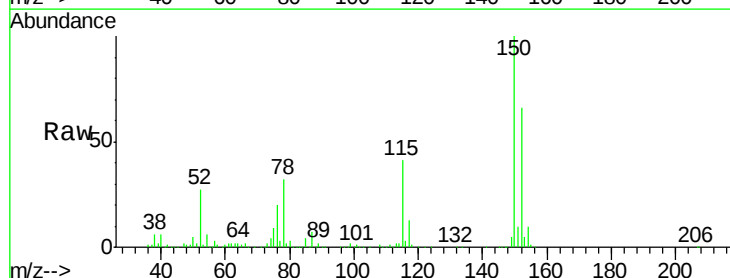
Instrument :
MSVOA_N
ClientSampled :
MW-3

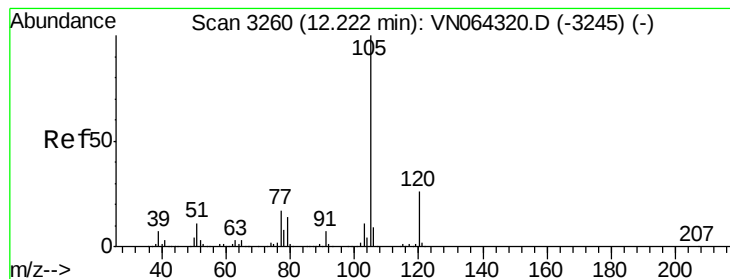
Tot Ion:117 Resp: 421927
Ion Ratio Lower Upper
117 100
82 62.1 48.8 73.2
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064372.D
Acq: 29 Oct 2020 14:34

Tgt Ion:152 Resp: 193585
Ion Ratio Lower Upper
152 100
115 62.4 31.5 94.5
150 152.4 0.0 346.2





#73

Isopropylbenzene

Concen: 0.748 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064372.D

Acq: 29 Oct 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

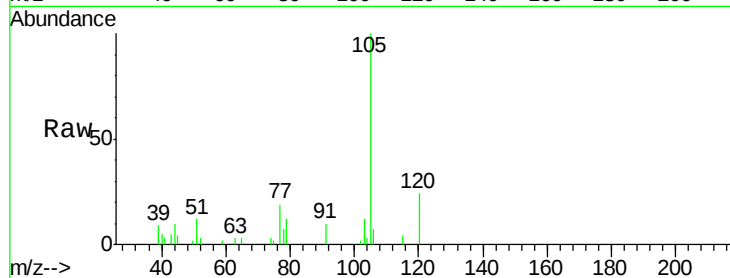
MW-3

Tot Ion:105 Resp: 10848

Ion Ratio Lower Upper

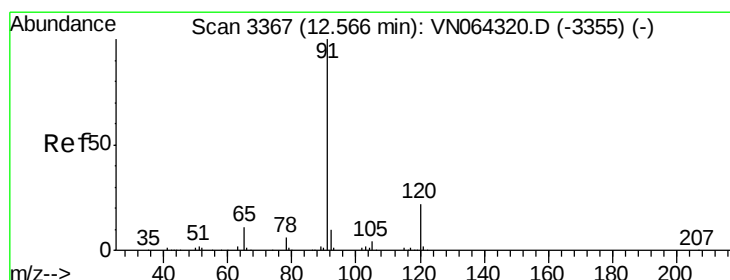
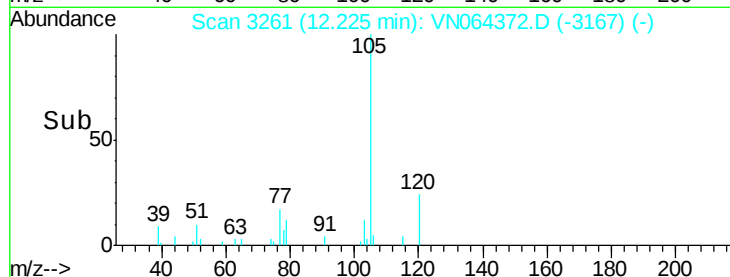
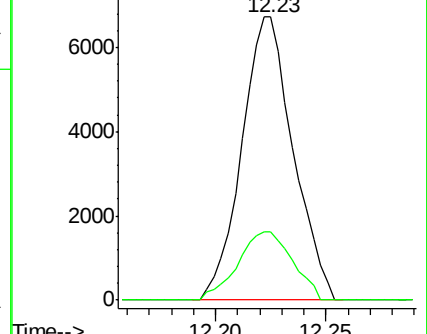
105 100

120 25.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.325 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN064372.D

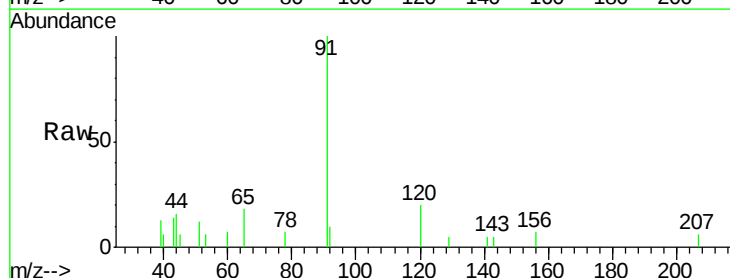
Acq: 29 Oct 2020 14:34

Tgt Ion: 91 Resp: 5341

Ion Ratio Lower Upper

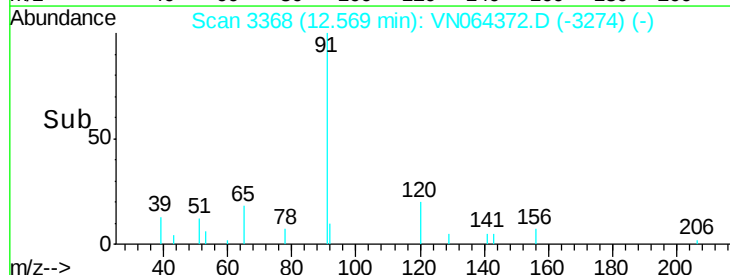
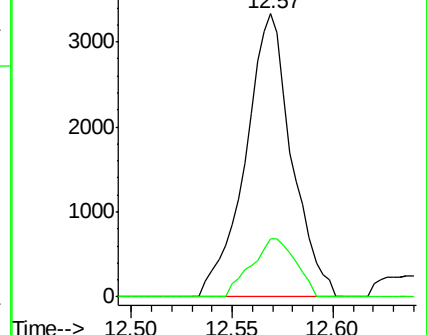
91 100

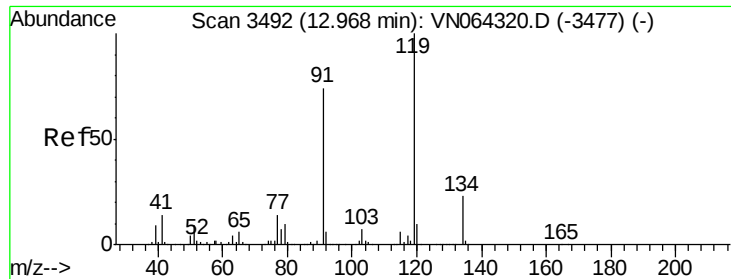
120 19.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

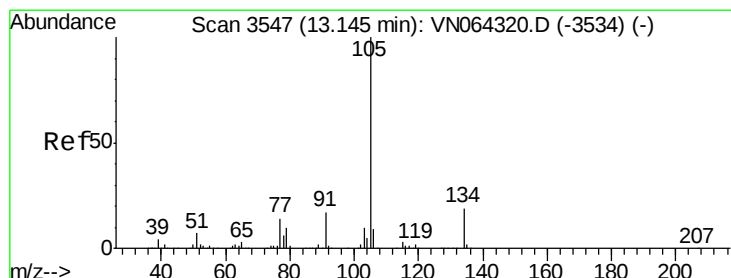
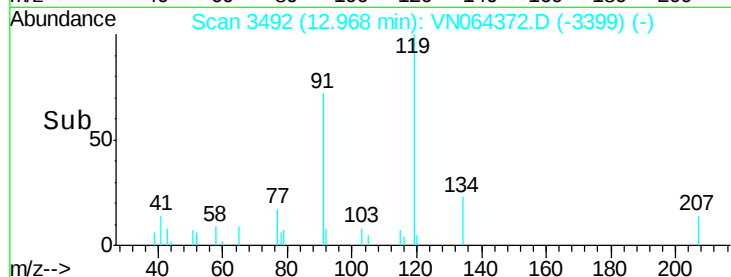
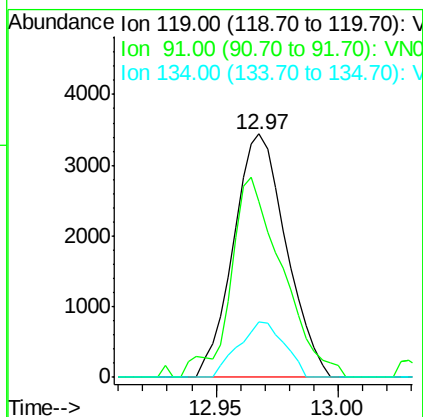
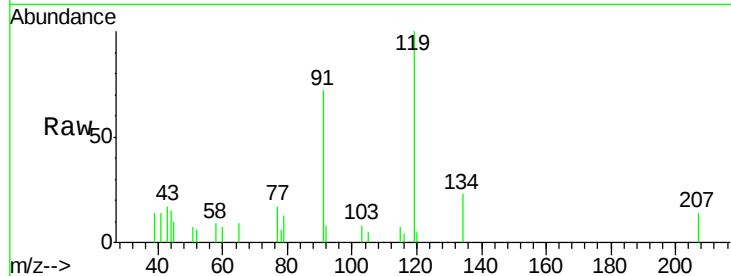




#83
tert-Butylbenzene
Concen: 0.512 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064372.D
Acq: 29 Oct 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion:119 Resp: 5152
Ion Ratio Lower Upper
119 100
91 80.9 36.4 109.1
134 19.8 12.0 36.1



#85
sec-Butylbenzene
Concen: 3.272 ug/l
RT: 13.14 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN064372.D
Acq: 29 Oct 2020 14:34

Tgt Ion:105 Resp: 42627
Ion Ratio Lower Upper
105 100
134 22.7 9.6 28.8

