

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063715.D
 Acq On : 28 Sep 2020 19:08
 Operator : JC/MD
 Sample : L4178-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Sep 29 14:26:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

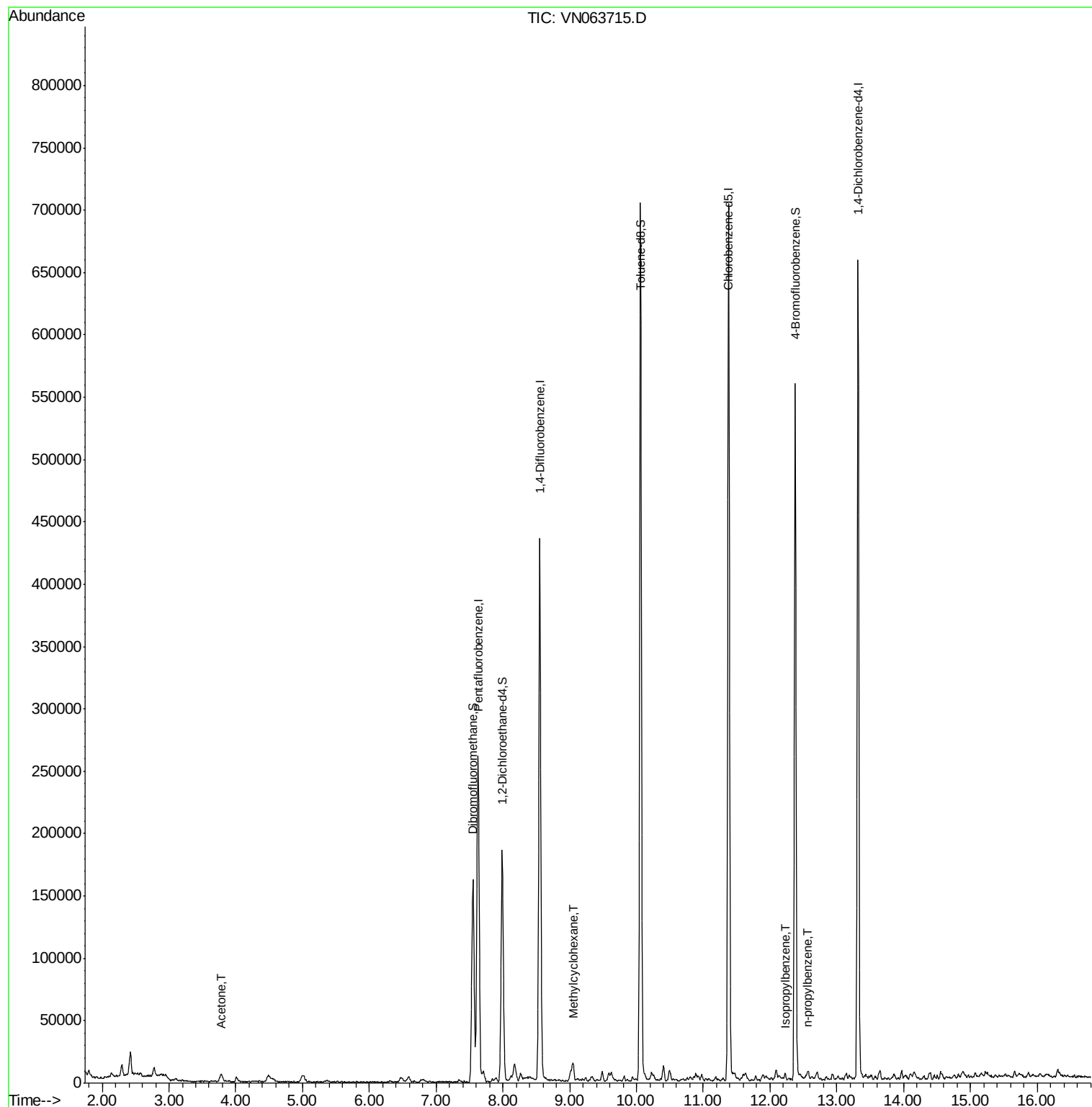
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	188541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	350042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	364137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	165061	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
35) Dibromofluoromethane	7.55	113	122294	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.06	98	455771	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.38	95	179071	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
Target Compounds						
16) Acetone	3.78	43	11189	10.848	ug/l #	87
39) Methylcyclohexane	9.05	83	5824	1.439	ug/l #	92
73) Isopropylbenzene	12.23	105	2982	0.234	ug/l	94
78) n-propylbenzene	12.57	91	5625	0.379	ug/l	91

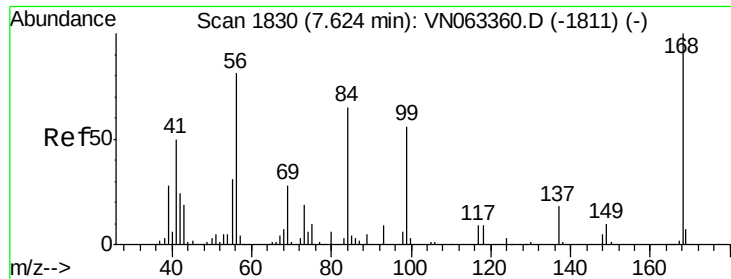
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092820\
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QLast Update : Wed Sep 16 13:05:20 2020
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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: VN063715.D

Acq: 28 Sep 2020 19:08

Instrument :

MSVOA_N

ClientSampled :

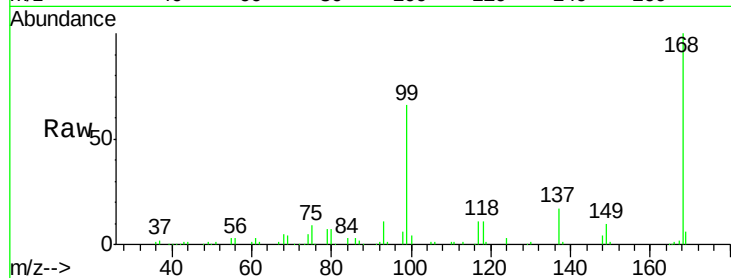
TP-3

Tot Ion:168 Resp: 188541

Ion Ratio Lower Upper

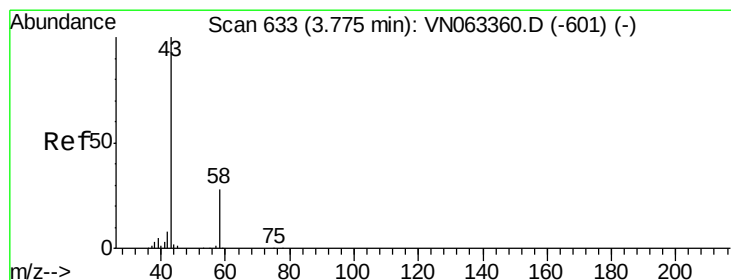
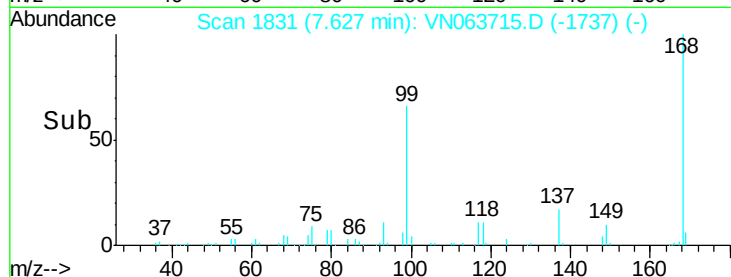
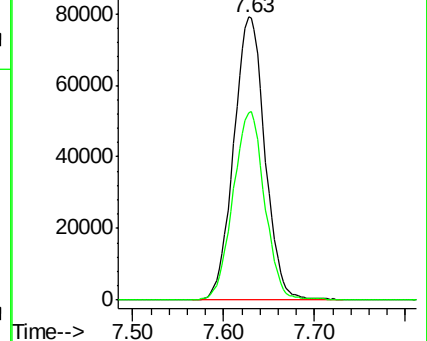
168 100

99 66.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 10.848 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063715.D

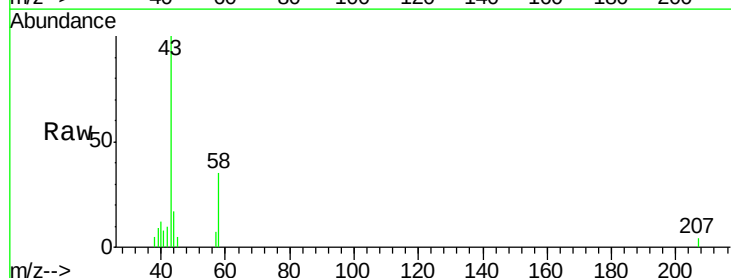
Acq: 28 Sep 2020 19:08

Tgt Ion: 43 Resp: 11189

Ion Ratio Lower Upper

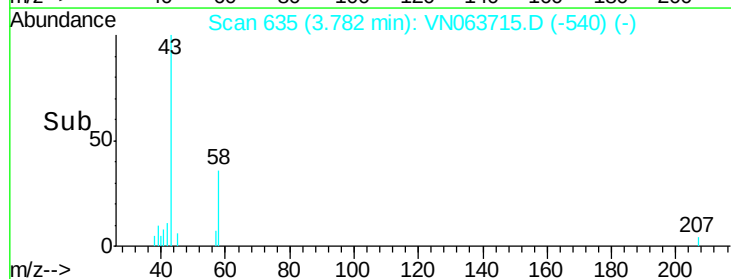
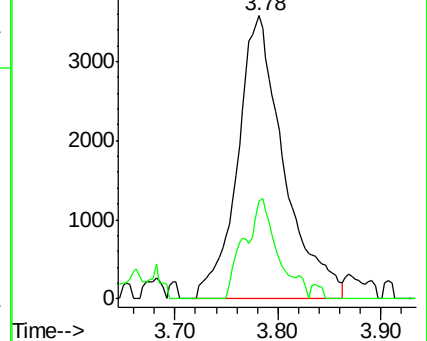
43 100

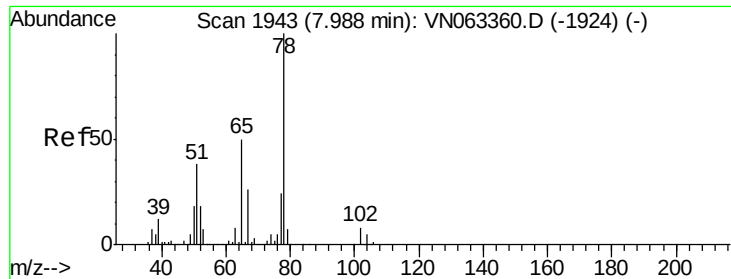
58 34.6 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#33

1,2-Dichloroethane-d4

Concen: 51.429 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063715.D

Acq: 28 Sep 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

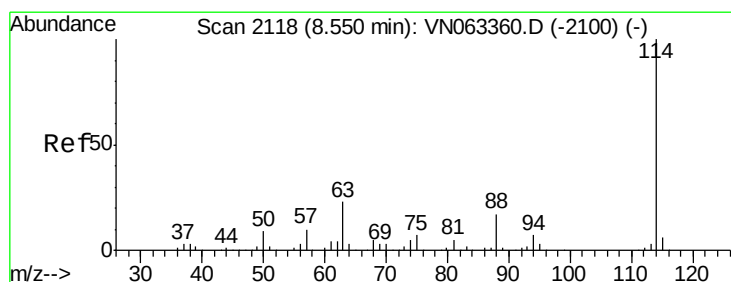
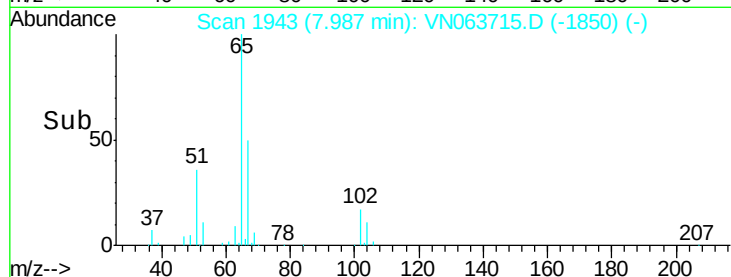
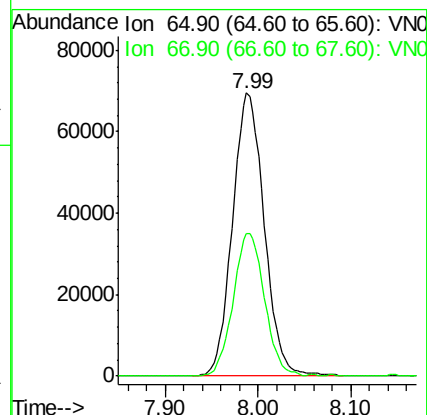
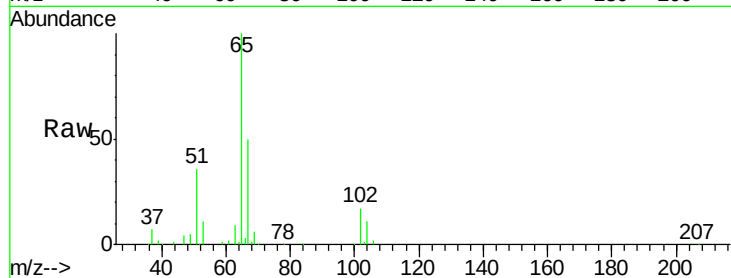
TP-3

Tot Ion: 65 Resp: 165061

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063715.D

Acq: 28 Sep 2020 19:08

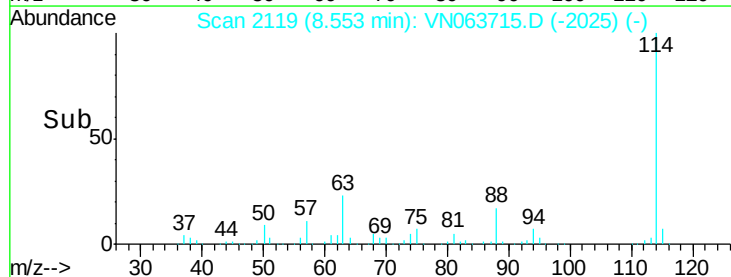
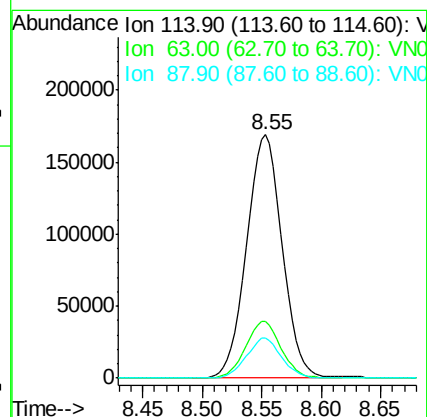
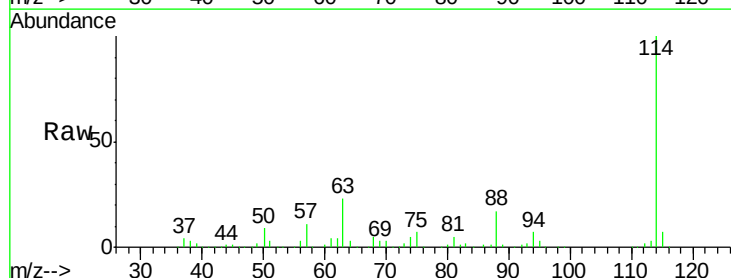
Tgt Ion: 114 Resp: 350042

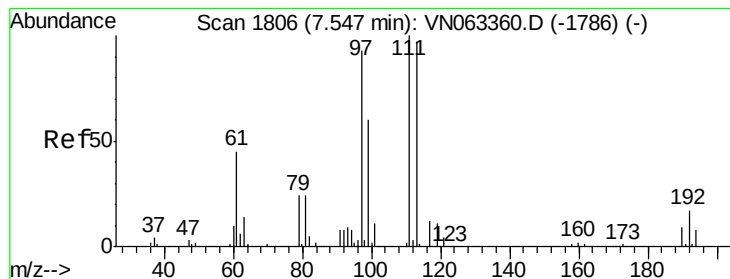
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.4

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.467 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN063715.D

Acq: 28 Sep 2020 19:08

Instrument :

MSVOA_N

ClientSampled :

TP-3

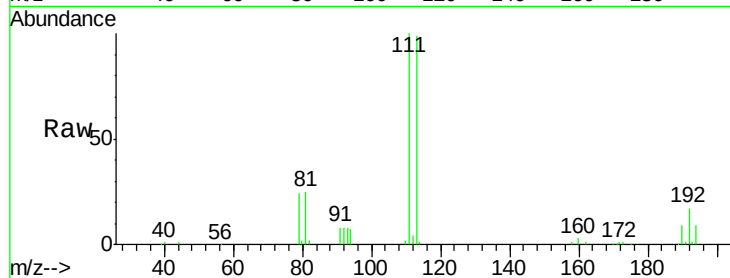
Tot Ion:113 Resp: 122294

Ion Ratio Lower Upper

113 100

111 100.7 82.9 124.3

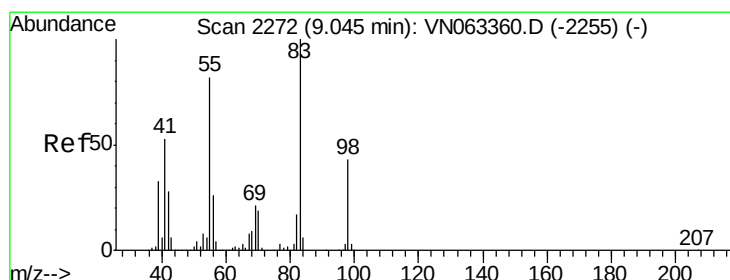
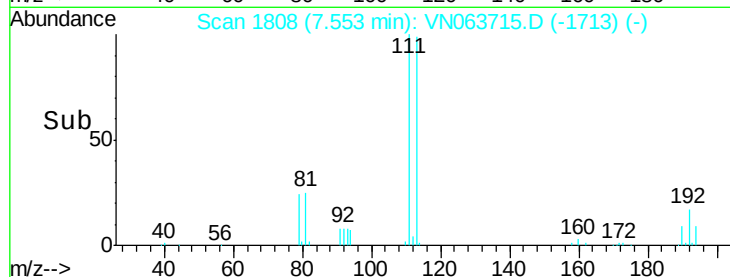
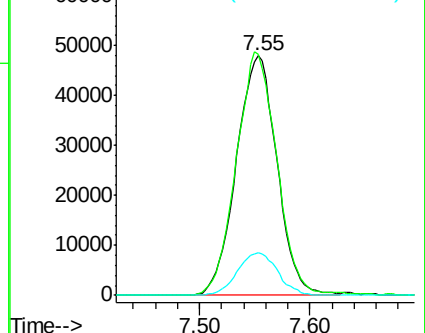
192 17.6 13.9 20.9



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: 1.439 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN063715.D

Acq: 28 Sep 2020 19:08

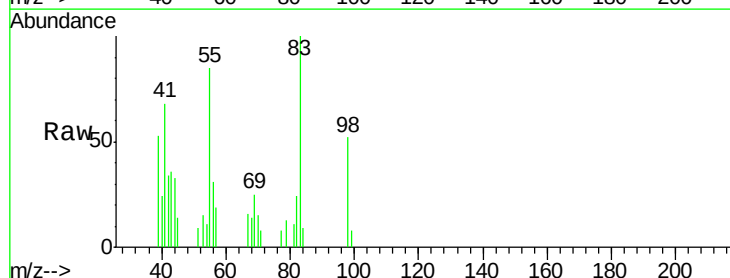
Tgt Ion: 83 Resp: 5824

Ion Ratio Lower Upper

83 100

55 85.4 65.5 98.3

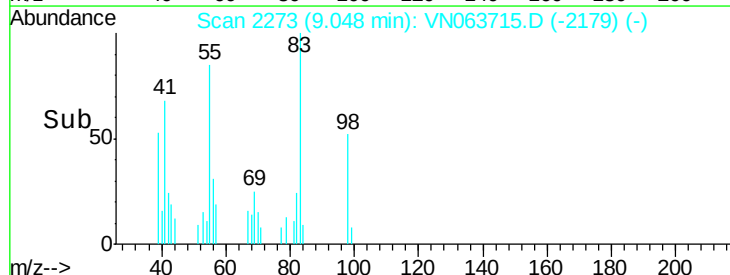
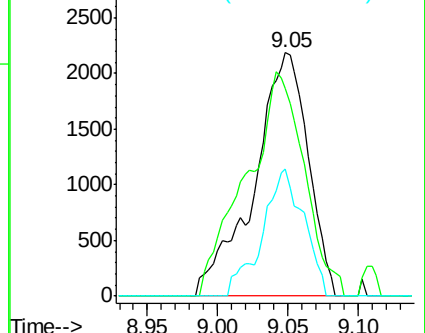
98 52.4 34.2 51.4#

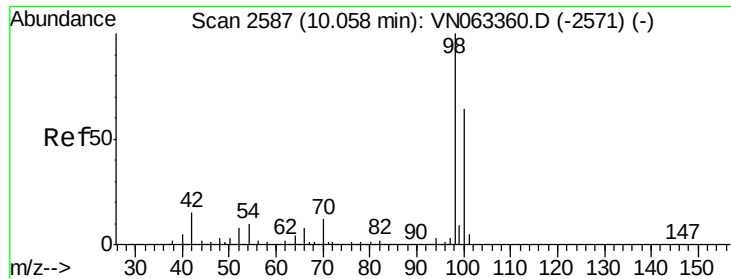


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#50

Toluene-d8

Concen: 50.019 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063715.D

Acq: 28 Sep 2020 19:08

Instrument :

MSVOA_N

ClientSampled :

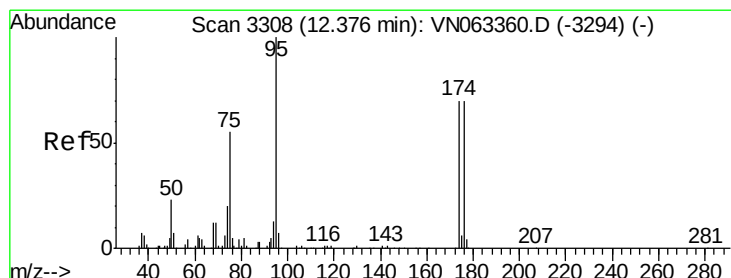
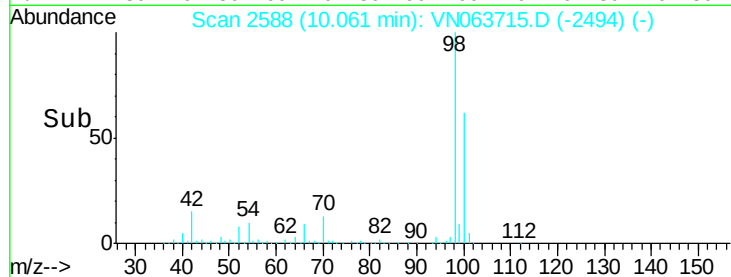
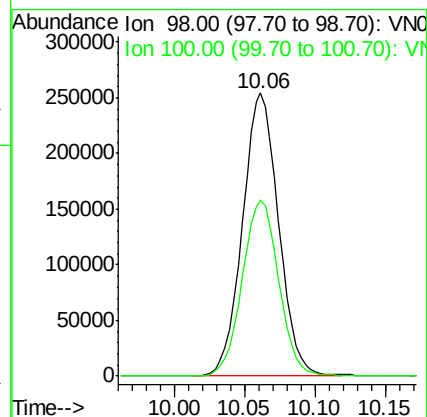
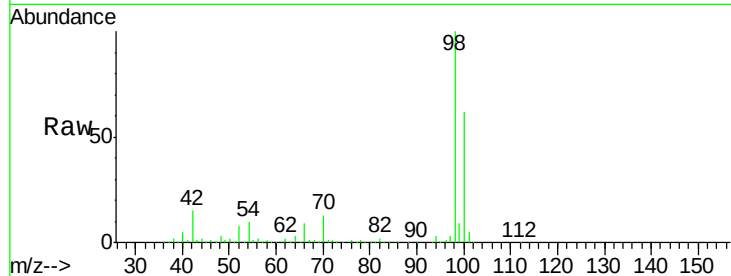
TP-3

Tot Ion: 98 Resp: 455771

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 53.610 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063715.D

Acq: 28 Sep 2020 19:08

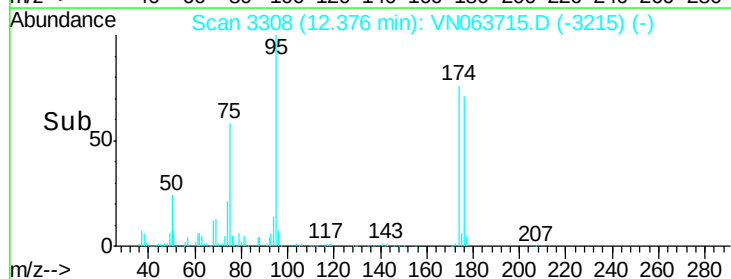
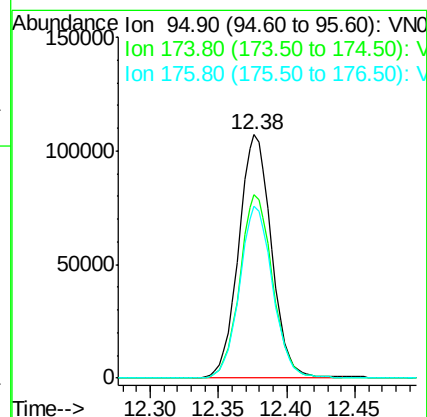
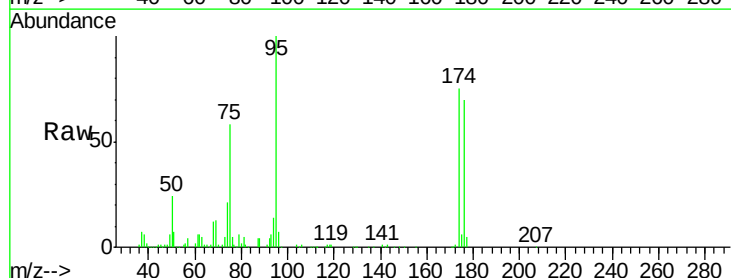
Tgt Ion: 95 Resp: 179071

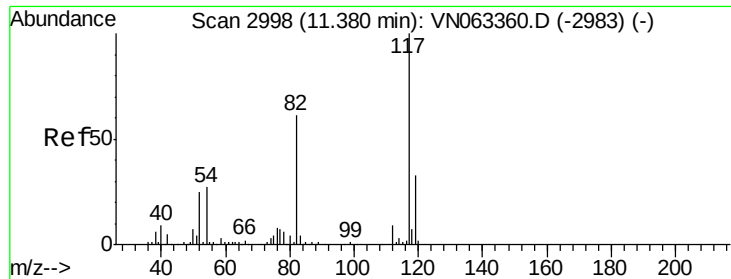
Ion Ratio Lower Upper

95 100

174 75.3 0.0 140.8

176 71.3 0.0 137.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063715.D

Acq: 28 Sep 2020 19:08

Instrument :

MSVOA_N

ClientSampled :

TP-3

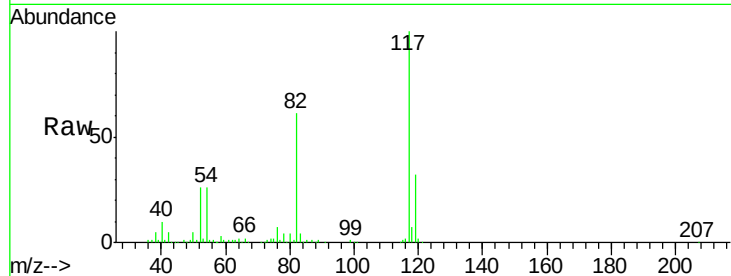
Tot Ion:117 Resp: 364137

Ion Ratio Lower Upper

117 100

82 60.9 49.2 73.8

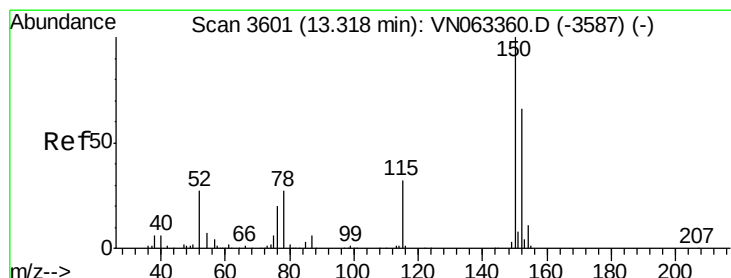
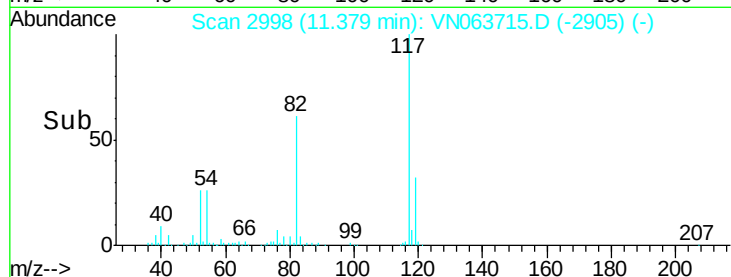
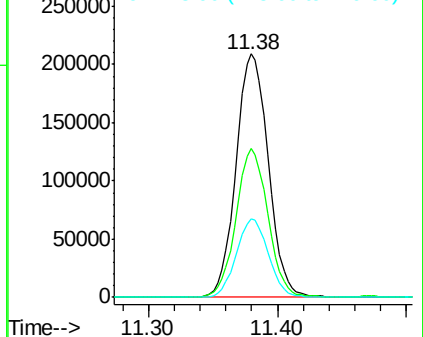
119 32.1 26.2 39.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063715.D

Acq: 28 Sep 2020 19:08

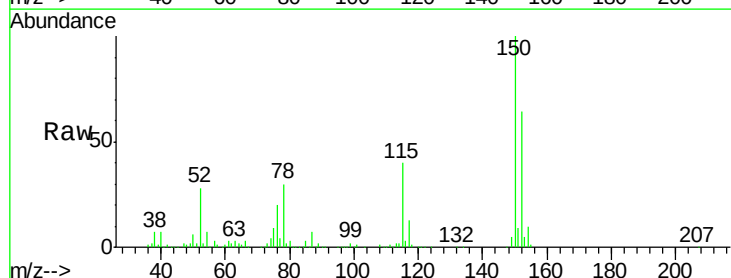
Tgt Ion:152 Resp: 159108

Ion Ratio Lower Upper

152 100

115 63.4 32.2 96.6

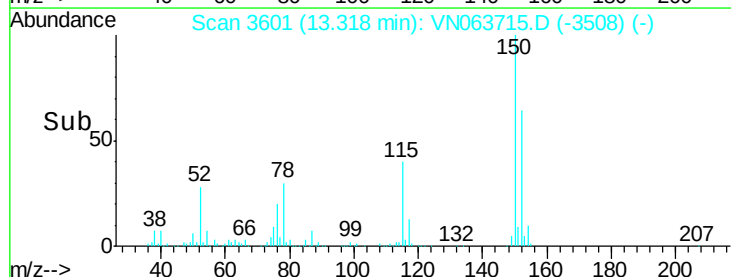
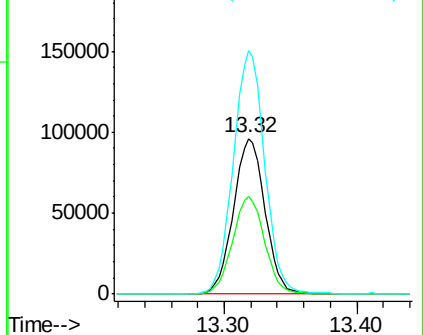
150 155.8 0.0 343.4

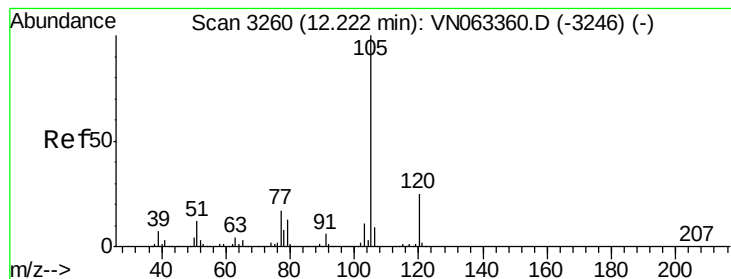


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.234 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063715.D

Acq: 28 Sep 2020 19:08

Instrument :

MSVOA_N

ClientSampled :

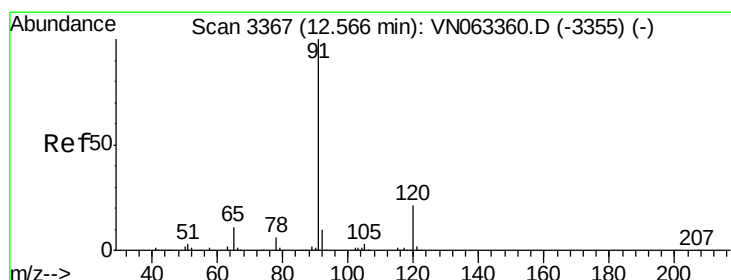
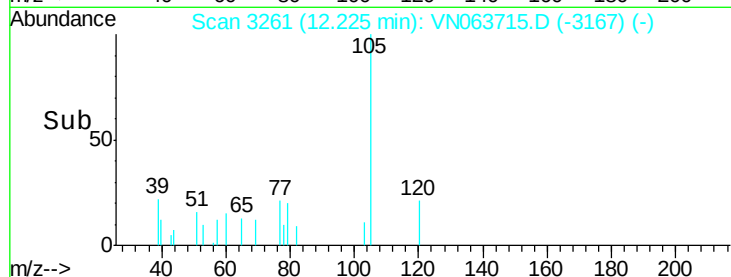
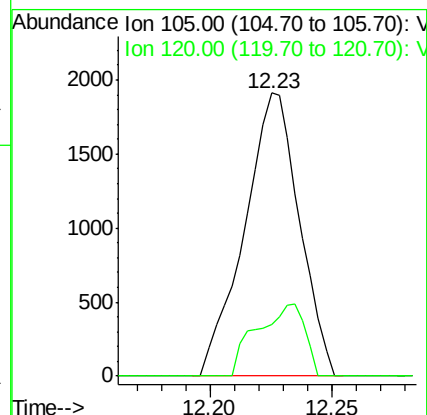
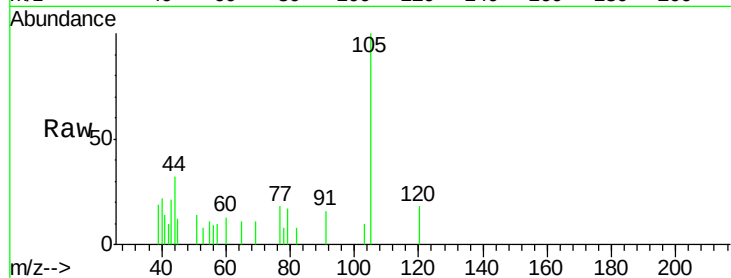
TP-3

Tot Ion:105 Resp: 2982

Ion Ratio Lower Upper

105 100

120 22.3 12.7 38.0



#78

n-propylbenzene

Concen: 0.379 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063715.D

Acq: 28 Sep 2020 19:08

Tgt Ion: 91 Resp: 5625

Ion Ratio Lower Upper

91 100

120 25.9 10.8 32.3

