

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063247.D
 Acq On : 4 Sep 2020 15:01
 Operator : JC/MD
 Sample : L3886-12
 Misc : 1.11g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTE-31230

Quant Time: Sep 07 01:14:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

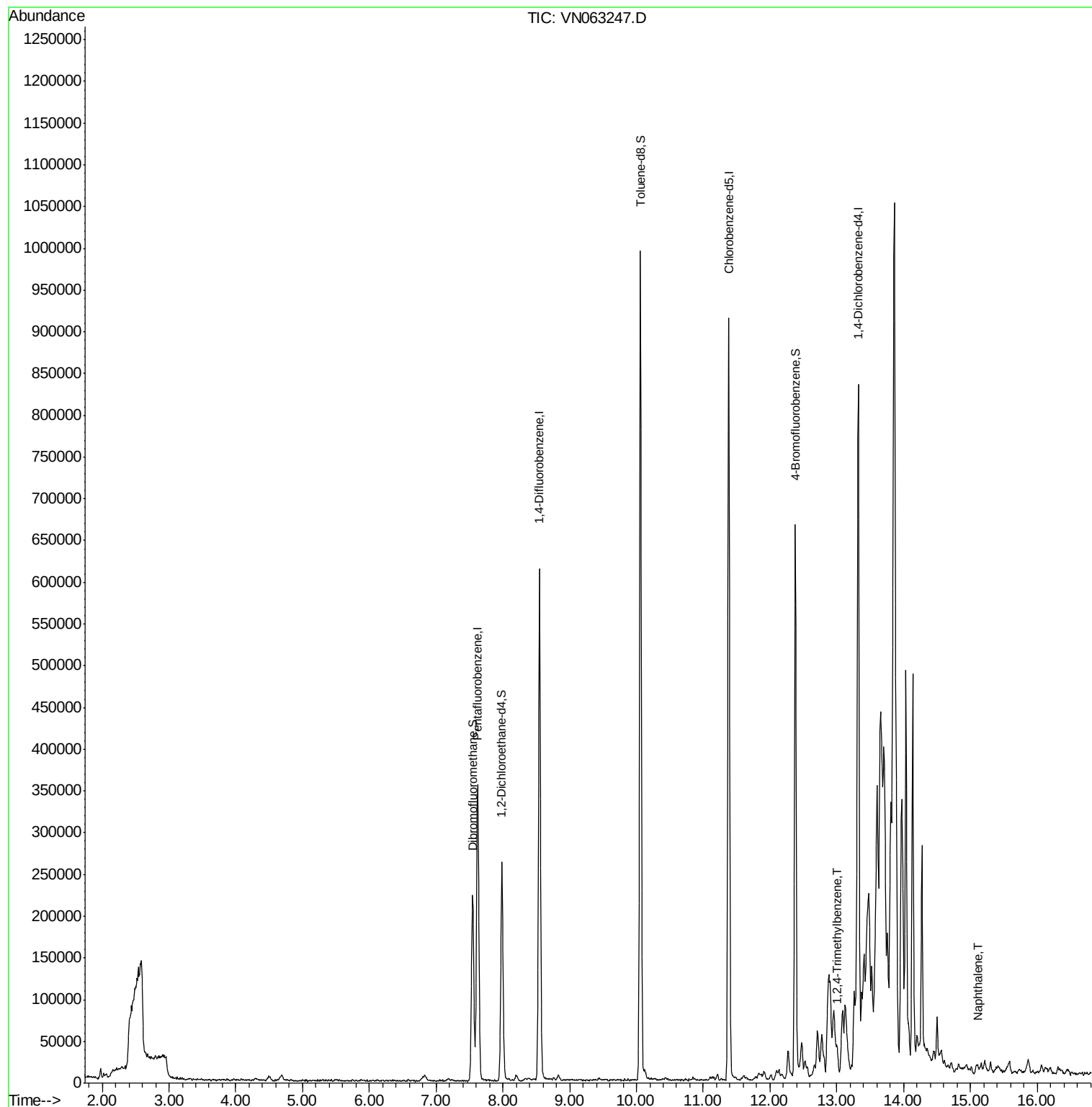
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	270565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	520099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	210869	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
35) Dibromofluoromethane	7.55	113	166000	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.06	98	660114	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.38	95	211896	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.02	105	5268	0.429	ug/l	98
95) Naphthalene	15.11	128	4400	0.400	ug/l #	93

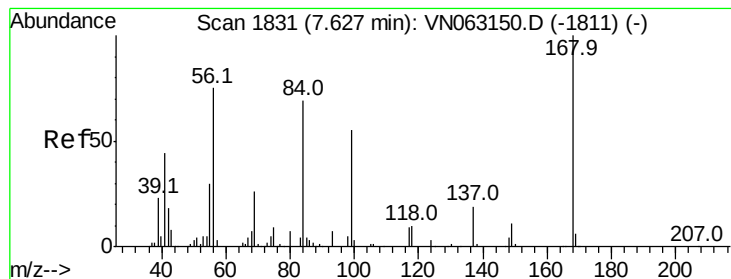
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

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Acq: 4 Sep 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

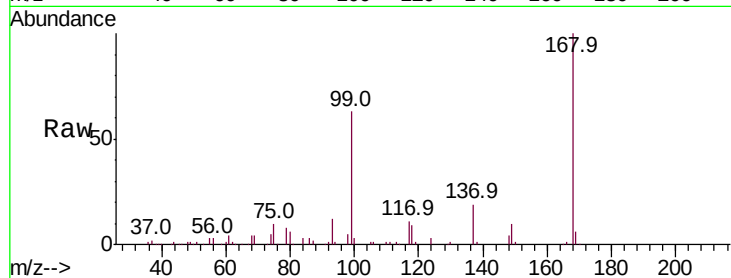
TOTE-31230

Tot Ion:168 Resp: 270565

Ion Ratio Lower Upper

168 100

99 62.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

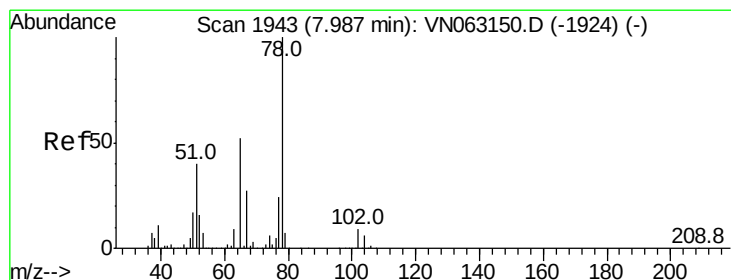
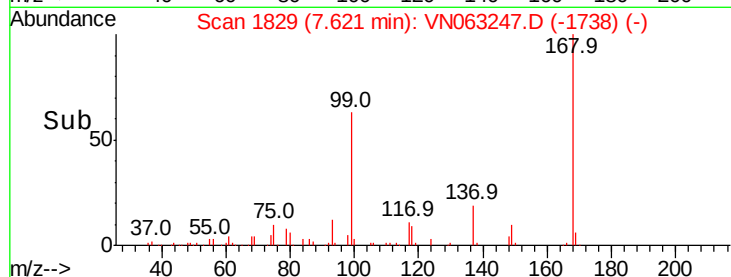
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.676 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063247.D

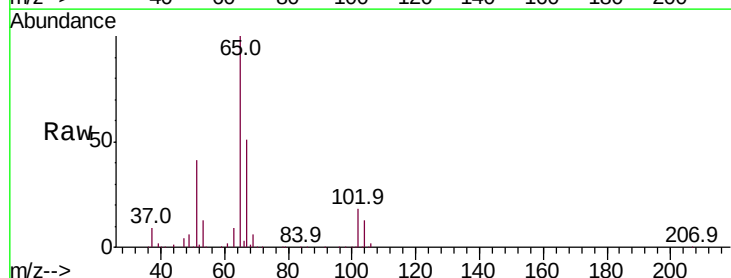
Acq: 4 Sep 2020 15:01

Tgt Ion: 65 Resp: 210869

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.98

100000

80000

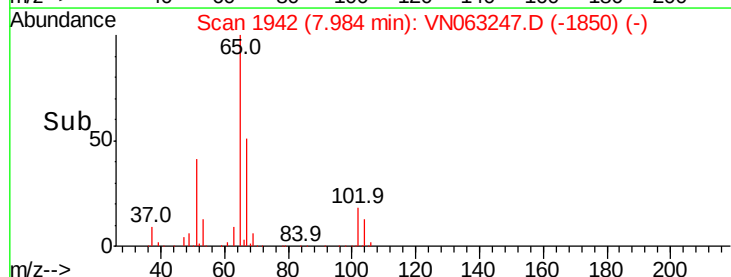
60000

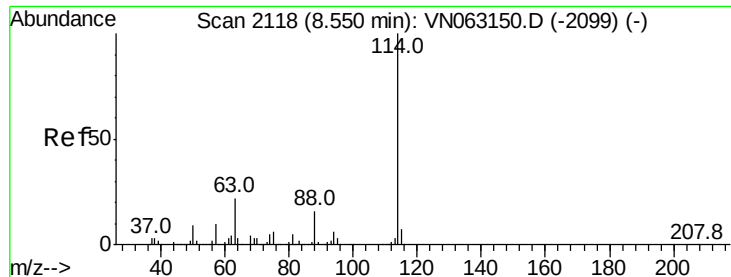
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN063247.D

Acq: 4 Sep 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

TOTE-31230

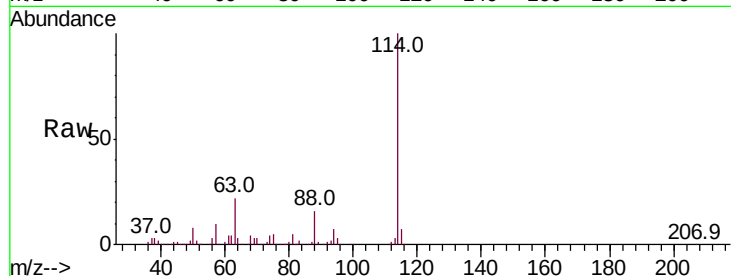
Tot Ion:114 Resp: 520099

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

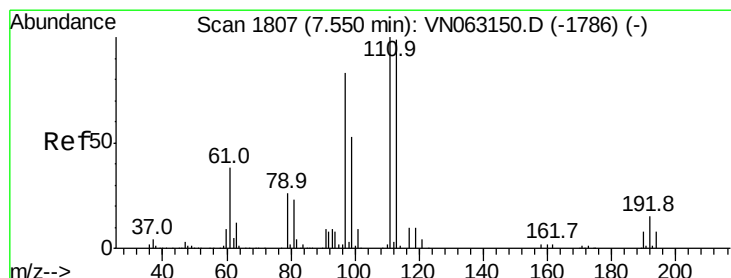
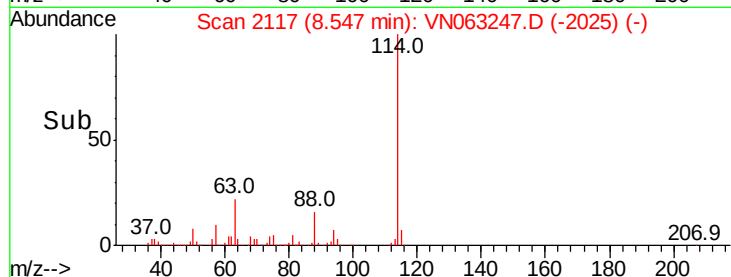
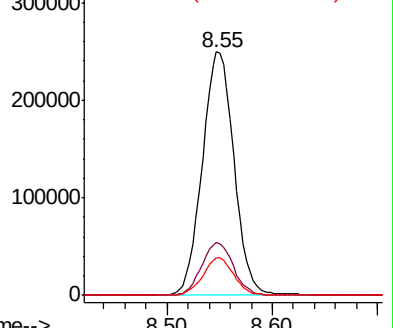
88 15.6 0.0 31.6



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: 49.750 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063247.D

Acq: 4 Sep 2020 15:01

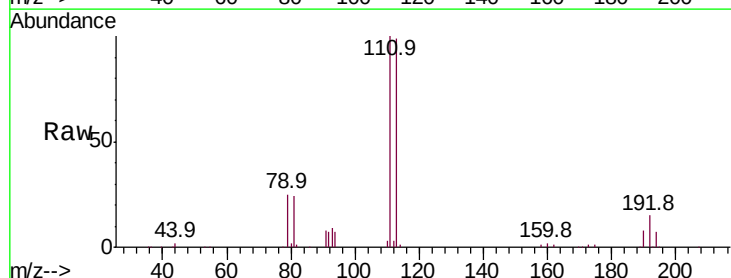
Tgt Ion:113 Resp: 166000

Ion Ratio Lower Upper

113 100

111 103.5 80.7 121.1

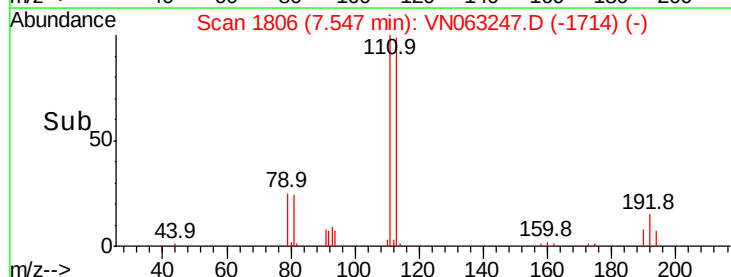
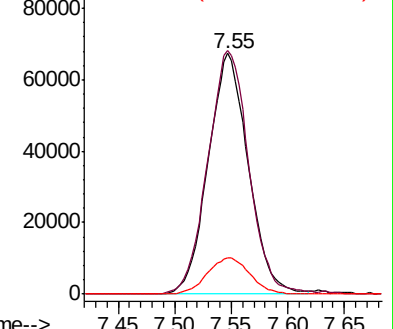
192 15.8 12.6 19.0

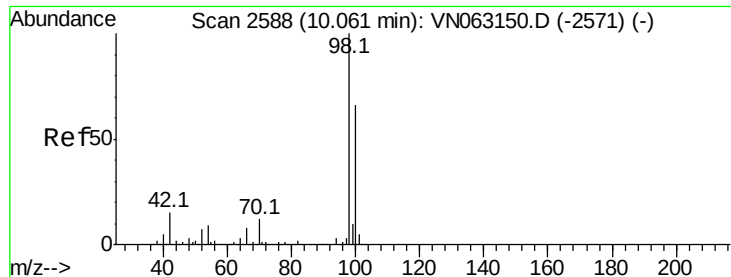


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.399 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063247.D

Acq: 4 Sep 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

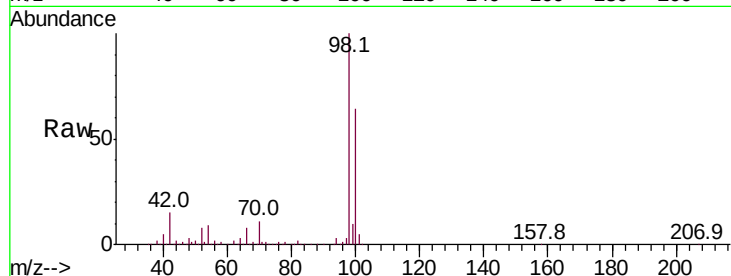
TOTE-31230

Tot Ion: 98 Resp: 660114

Ion Ratio Lower Upper

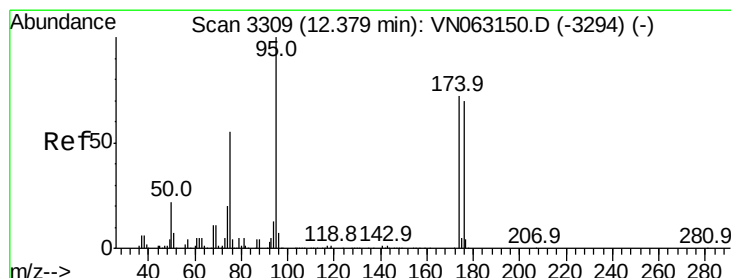
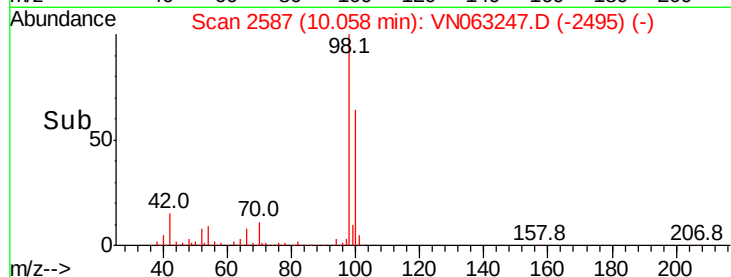
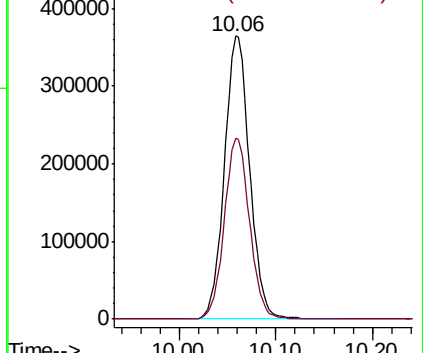
98 100

100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.166 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063247.D

Acq: 4 Sep 2020 15:01

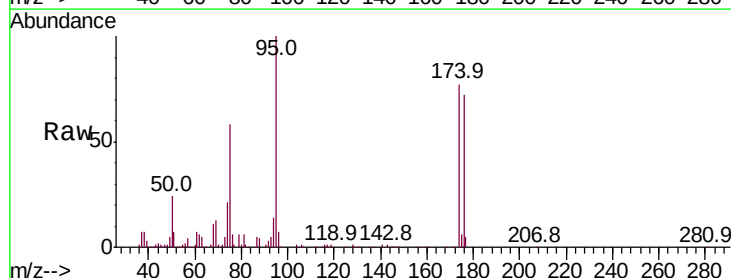
Tgt Ion: 95 Resp: 211896

Ion Ratio Lower Upper

95 100

174 75.8 0.0 143.8

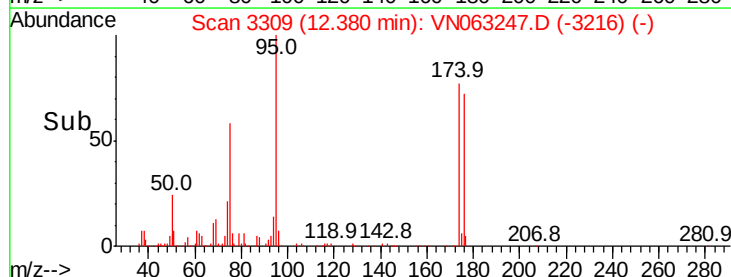
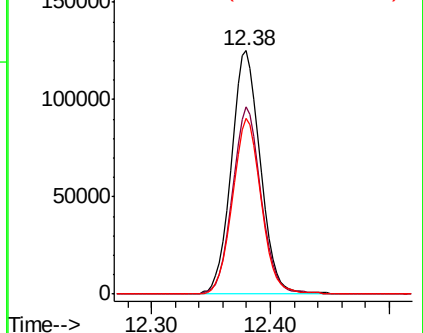
176 70.9 0.0 138.4

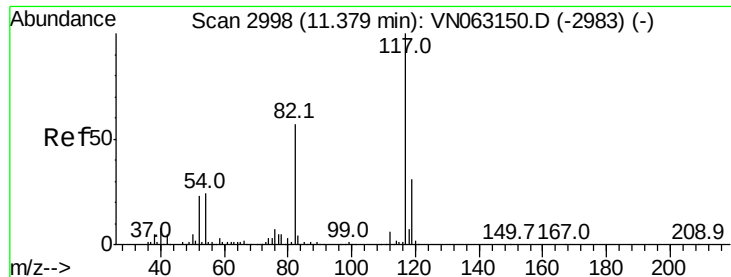


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

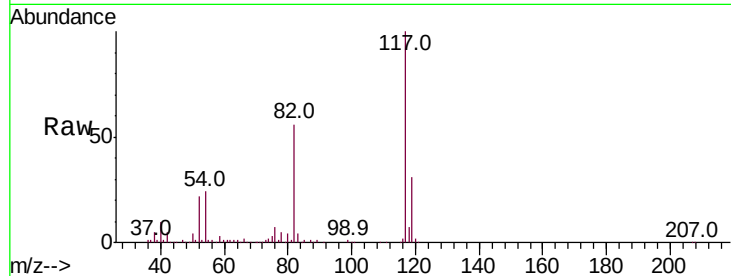




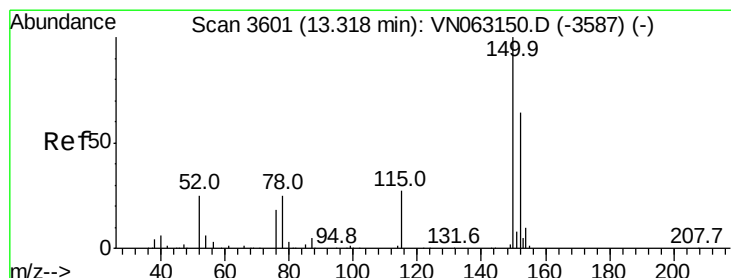
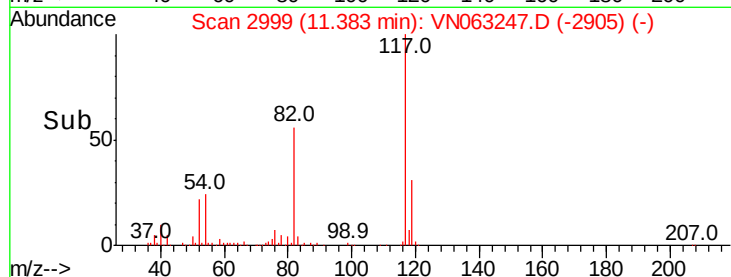
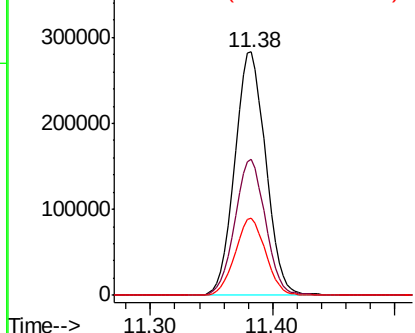
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063247.D
Acq: 4 Sep 2020 15:01

Instrument :
MSVOA_N
ClientSampleId :
TOTE-31230

Tot Ion:117 Resp: 498652
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 31.5 24.6 37.0

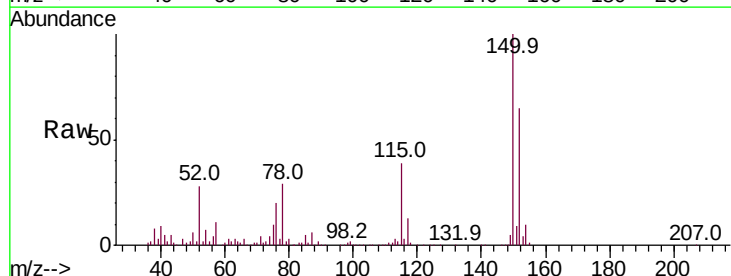


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

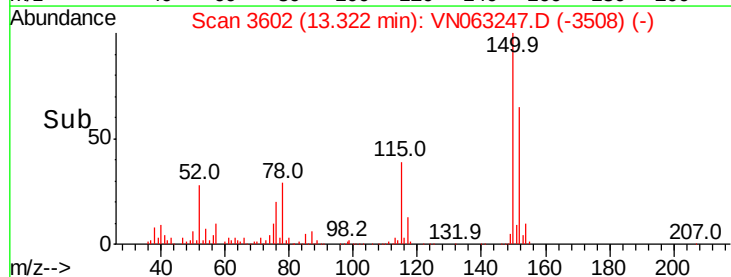
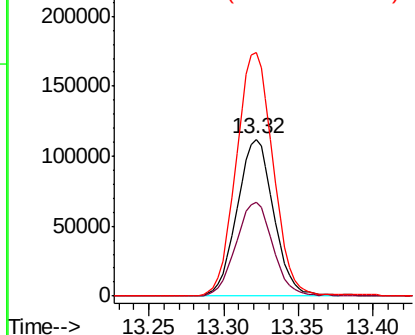


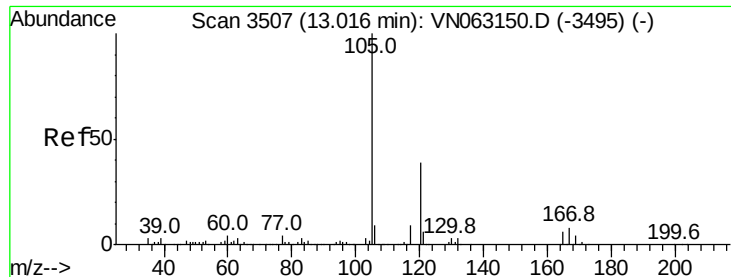
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063247.D
Acq: 4 Sep 2020 15:01

Tgt Ion:152 Resp: 190870
Ion Ratio Lower Upper
152 100
115 60.9 32.0 96.2
150 156.2 0.0 353.0



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: 0.429 ug/l

RT: 13.02 min Scan# 3508

Delta R.T. 0.00 min

Lab File: VN063247.D

Acq: 4 Sep 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

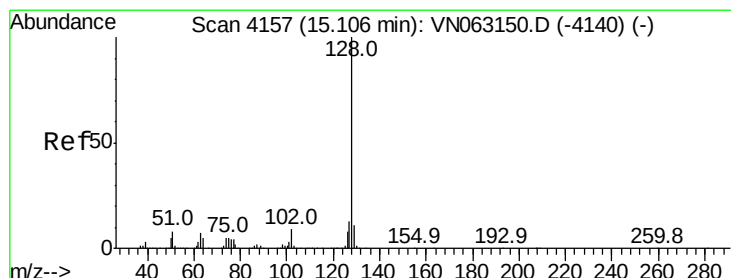
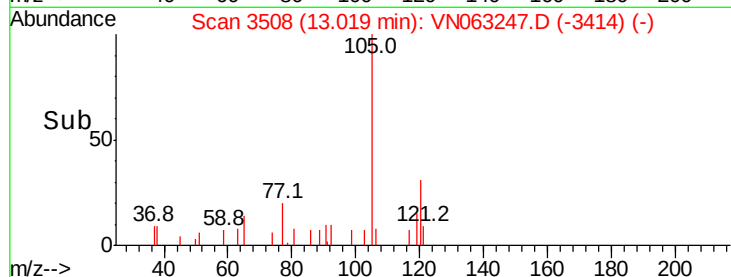
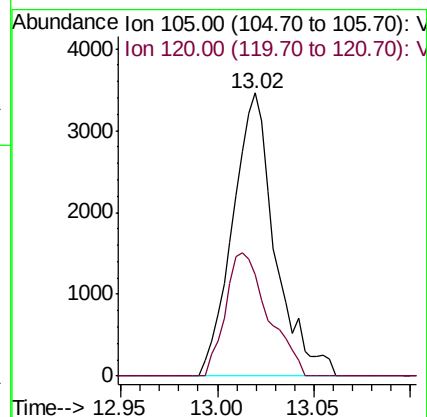
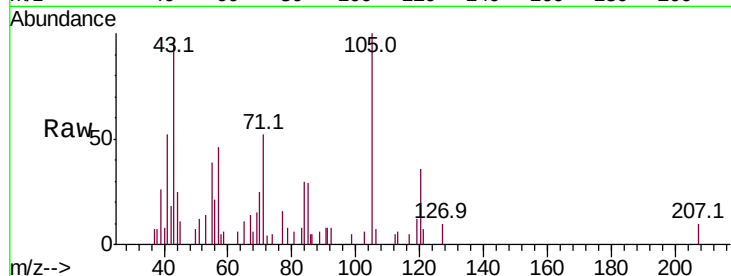
TOTE-31230

Tot Ion:105 Resp: 5268

Ion Ratio Lower Upper

105 100

120 43.7 22.6 67.7



#95

Naphthalene

Concen: 0.400 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.00 min

Lab File: VN063247.D

Acq: 4 Sep 2020 15:01

Tgt Ion:128 Resp: 4400

Ion Ratio Lower Upper

128 100

127 16.4 10.5 15.7#

129 8.5 8.6 13.0#

