

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063652.D
 Acq On : 25 Sep 2020 1:50
 Operator : JC/MD
 Sample : L3871-29
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-092320

Quant Time: Sep 25 06:04:30 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

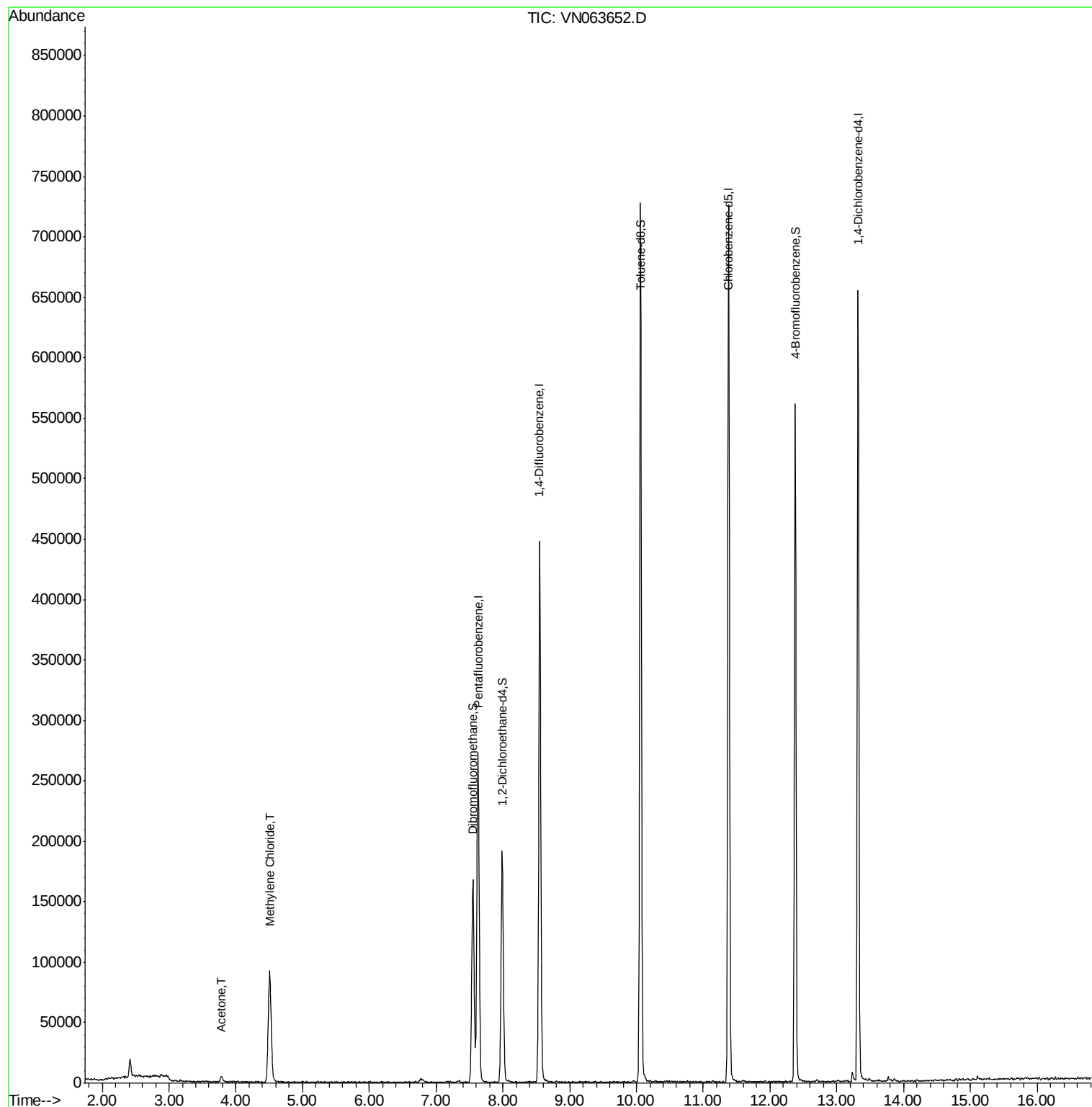
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	197061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	377399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	170404	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
35) Dibromofluoromethane	7.55	113	120839	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	10.06	98	482278	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.38	95	186253	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
Target Compounds						
16) Acetone	3.78	43	7578	7.029	ug/l	95
20) Methylene Chloride	4.51	84	65741	24.068	ug/l	91

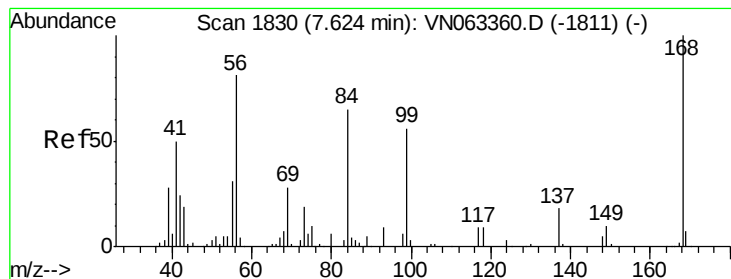
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

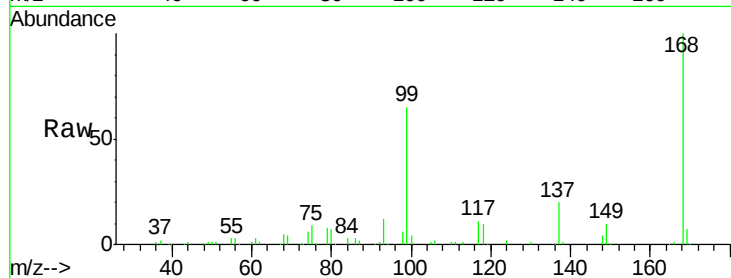
TR-04-092320

Tot Ion:168 Resp: 197061

Ion Ratio Lower Upper

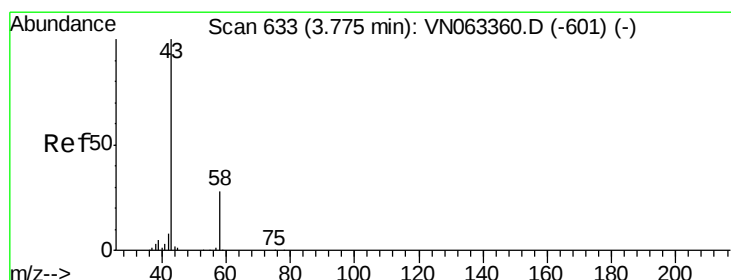
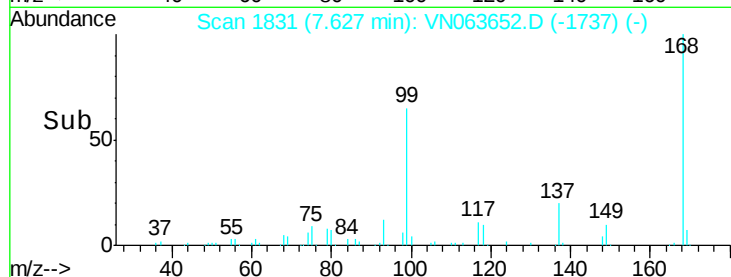
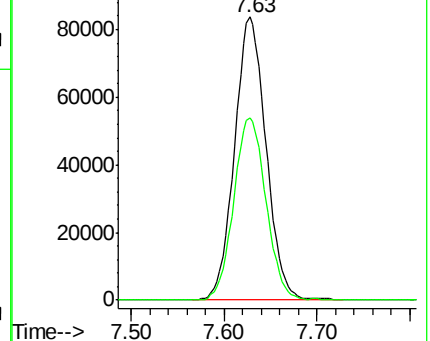
168 100

99 64.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.029 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063652.D

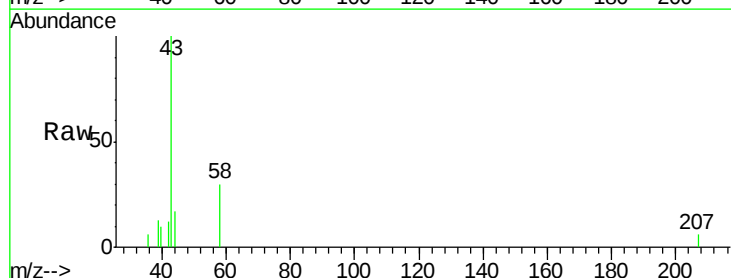
Acq: 25 Sep 2020 1:50

Tgt Ion: 43 Resp: 7578

Ion Ratio Lower Upper

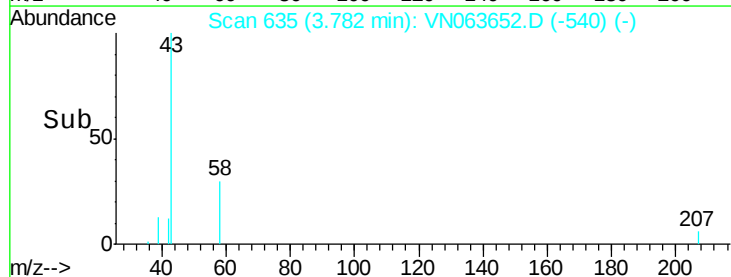
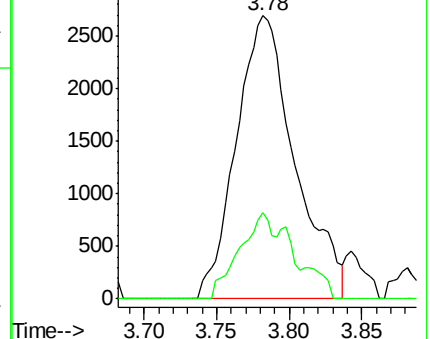
43 100

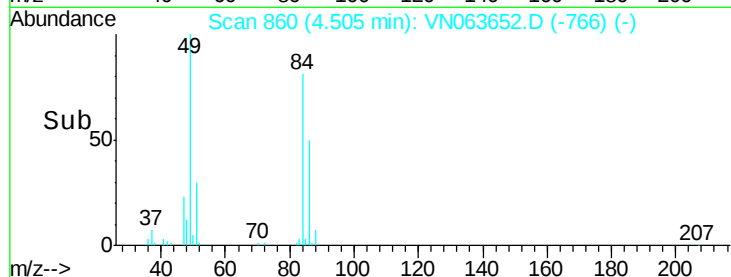
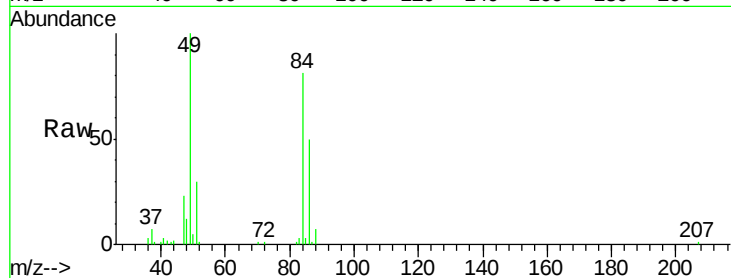
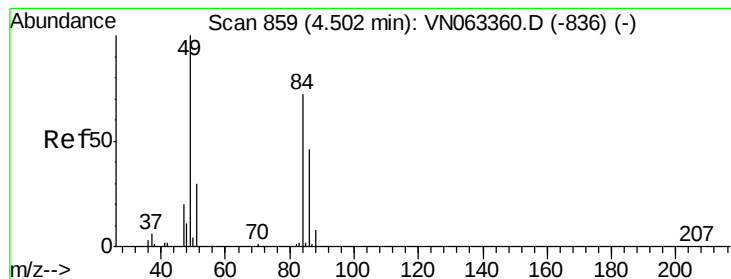
58 30.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 24.068 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063652.D

Acq: 25 Sep 2020 1:50

Instrument :

MSVOA_N

ClientSampleId :

TR-04-092320

Tot Ion: 84 Resp: 65741

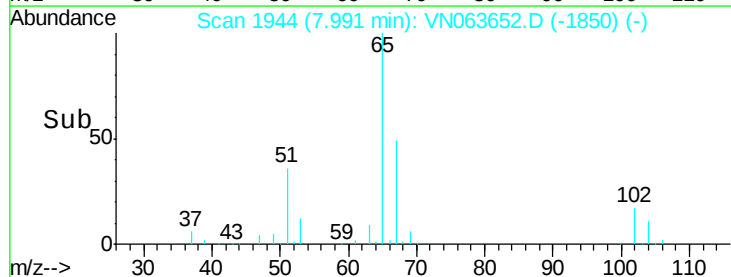
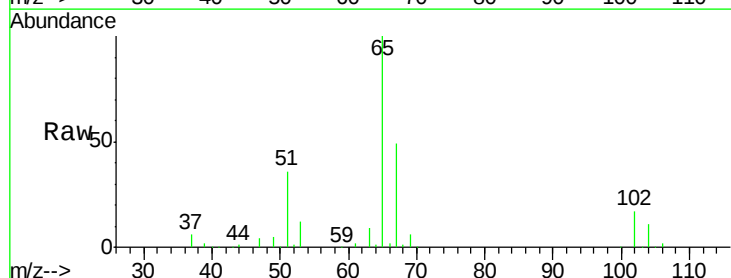
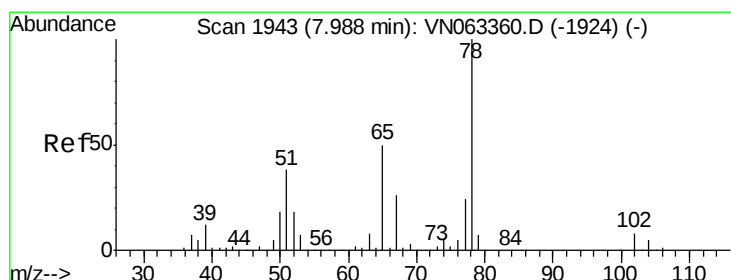
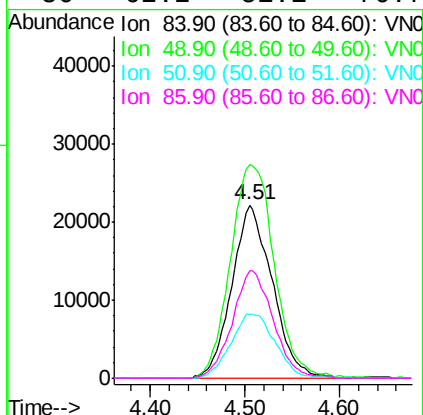
Ion Ratio Lower Upper

84 100

49 123.6 110.7 166.1

51 37.3 32.9 49.3

86 62.2 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 50.799 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063652.D

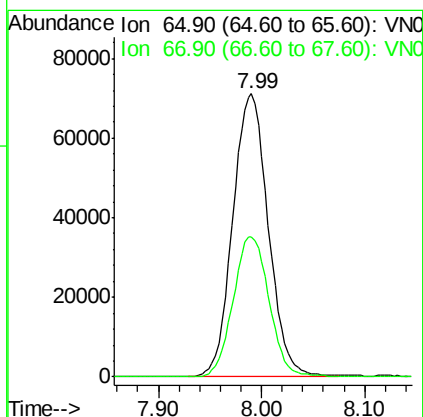
Acq: 25 Sep 2020 1:50

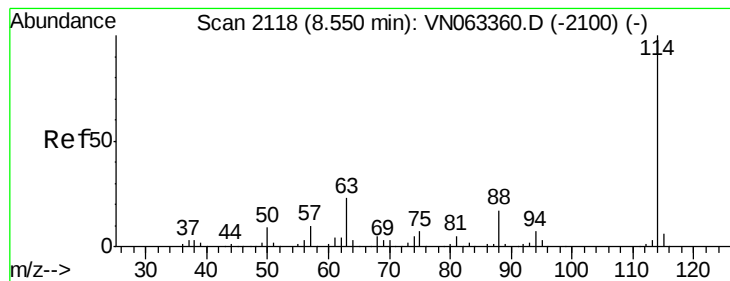
Tgt Ion: 65 Resp: 170404

Ion Ratio Lower Upper

65 100

67 50.1 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: VN063652.D

Acq: 25 Sep 2020 1:50

Instrument :

MSVOA_N

ClientSampleId :

TR-04-092320

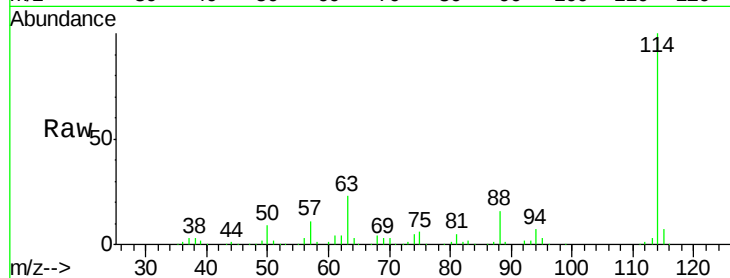
Tot Ion:114 Resp: 369384

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.4

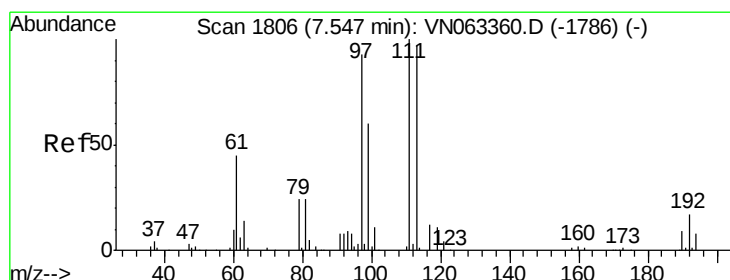
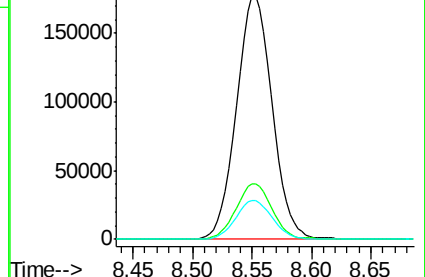
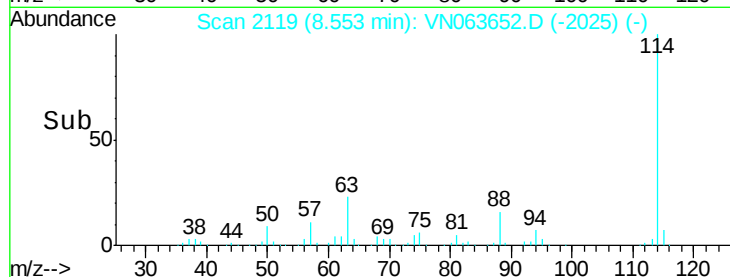
88 15.9 0.0 33.2



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: 47.255 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063652.D

Acq: 25 Sep 2020 1:50

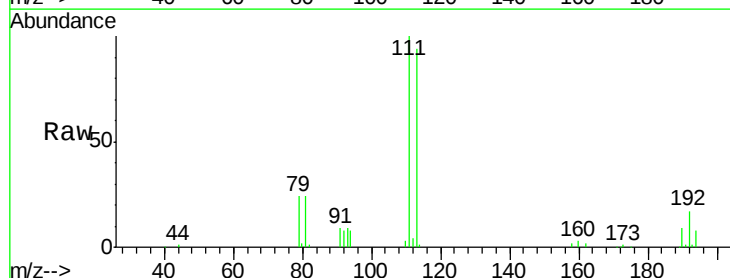
Tgt Ion:113 Resp: 120839

Ion Ratio Lower Upper

113 100

111 105.7 82.9 124.3

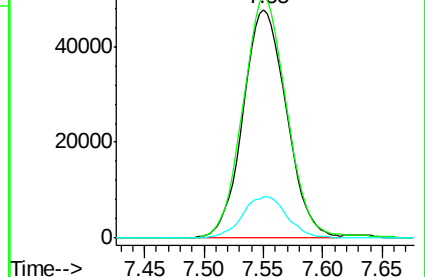
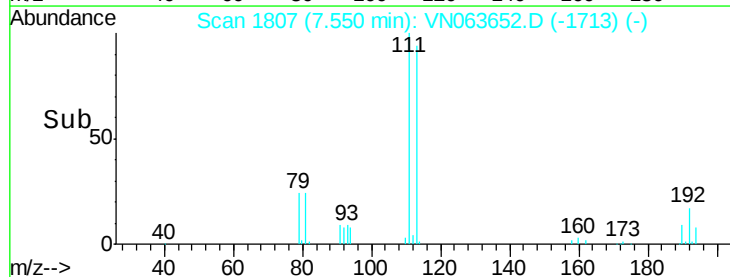
192 18.7 13.9 20.9

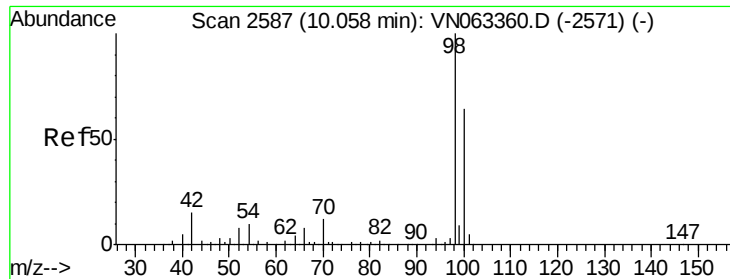


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.157 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063652.D

Acq: 25 Sep 2020 1:50

Instrument :

MSVOA_N

ClientSampleId :

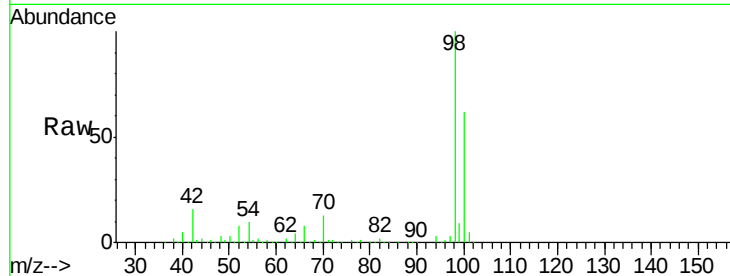
TR-04-092320

Tot Ion: 98 Resp: 482278

Ion Ratio Lower Upper

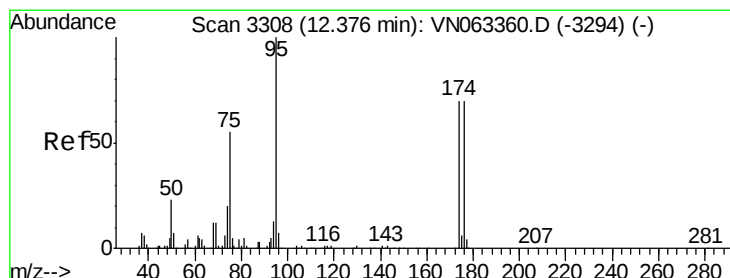
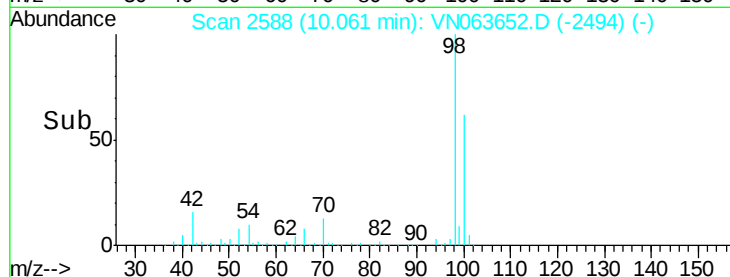
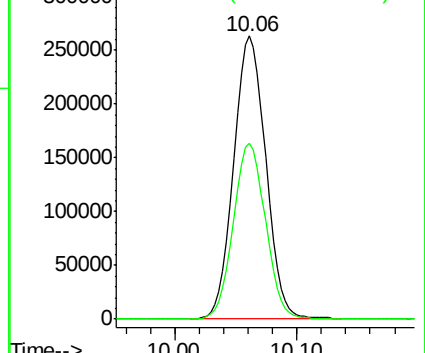
98 100

100 62.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 52.840 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063652.D

Acq: 25 Sep 2020 1:50

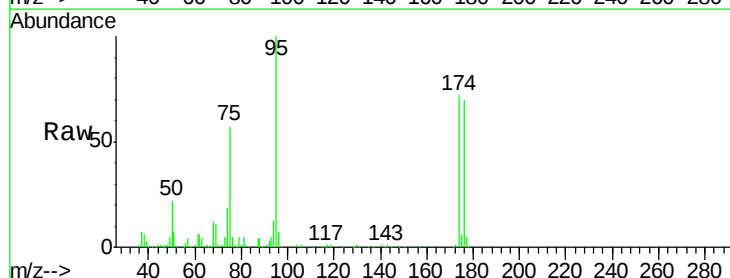
Tgt Ion: 95 Resp: 186253

Ion Ratio Lower Upper

95 100

174 73.8 0.0 140.8

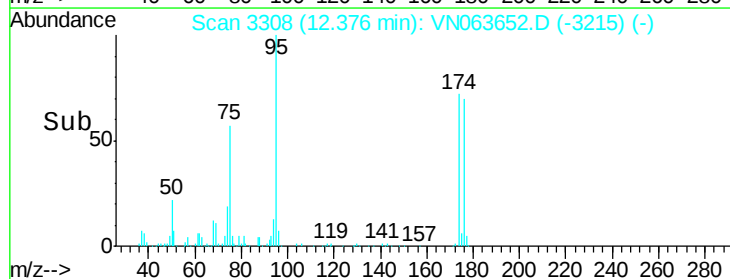
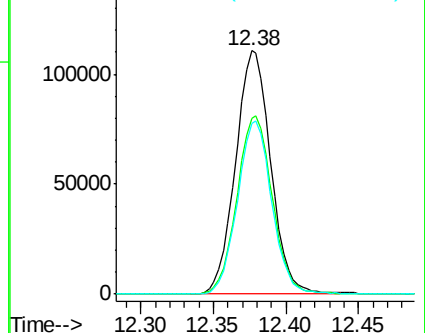
176 69.7 0.0 137.6

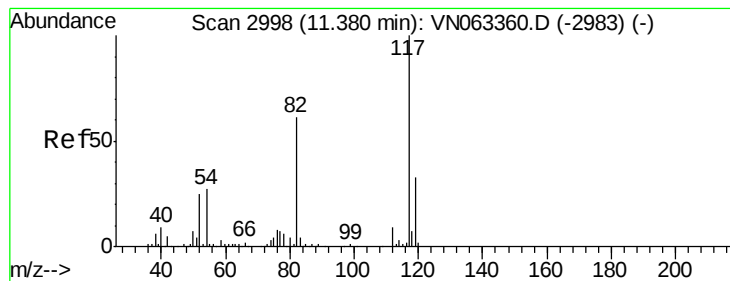


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

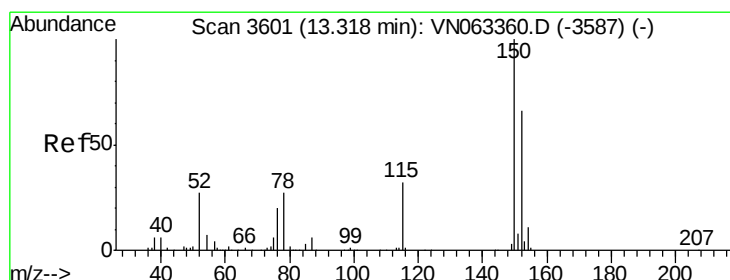
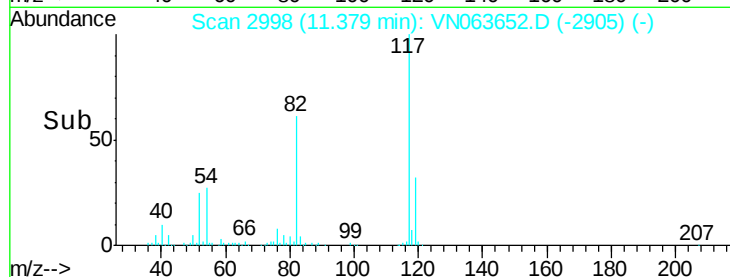
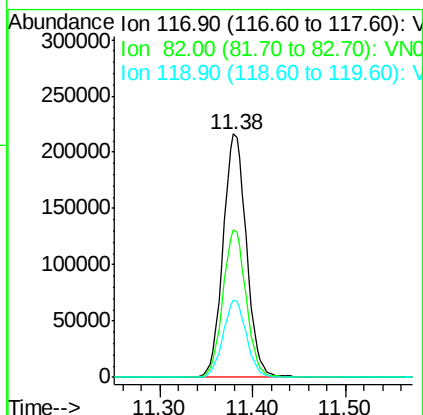
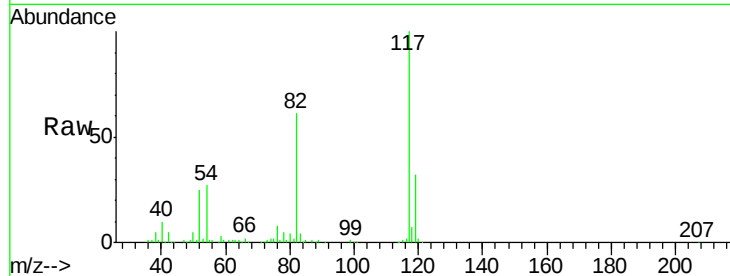




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063652.D
Acq: 25 Sep 2020 1:50

Instrument :
MSVOA_N
ClientSampleId :
TR-04-092320

Tot Ion:117 Resp: 377399
Ion Ratio Lower Upper
117 100
82 60.5 49.2 73.8
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063652.D
Acq: 25 Sep 2020 1:50

Tgt Ion:152 Resp: 158439
Ion Ratio Lower Upper
152 100
115 63.4 32.2 96.6
150 159.0 0.0 343.4

