

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063468.D
 Acq On : 18 Sep 2020 19:25
 Operator : JC/MD
 Sample : L3871-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-08-091720

Quant Time: Sep 21 02:31:20 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

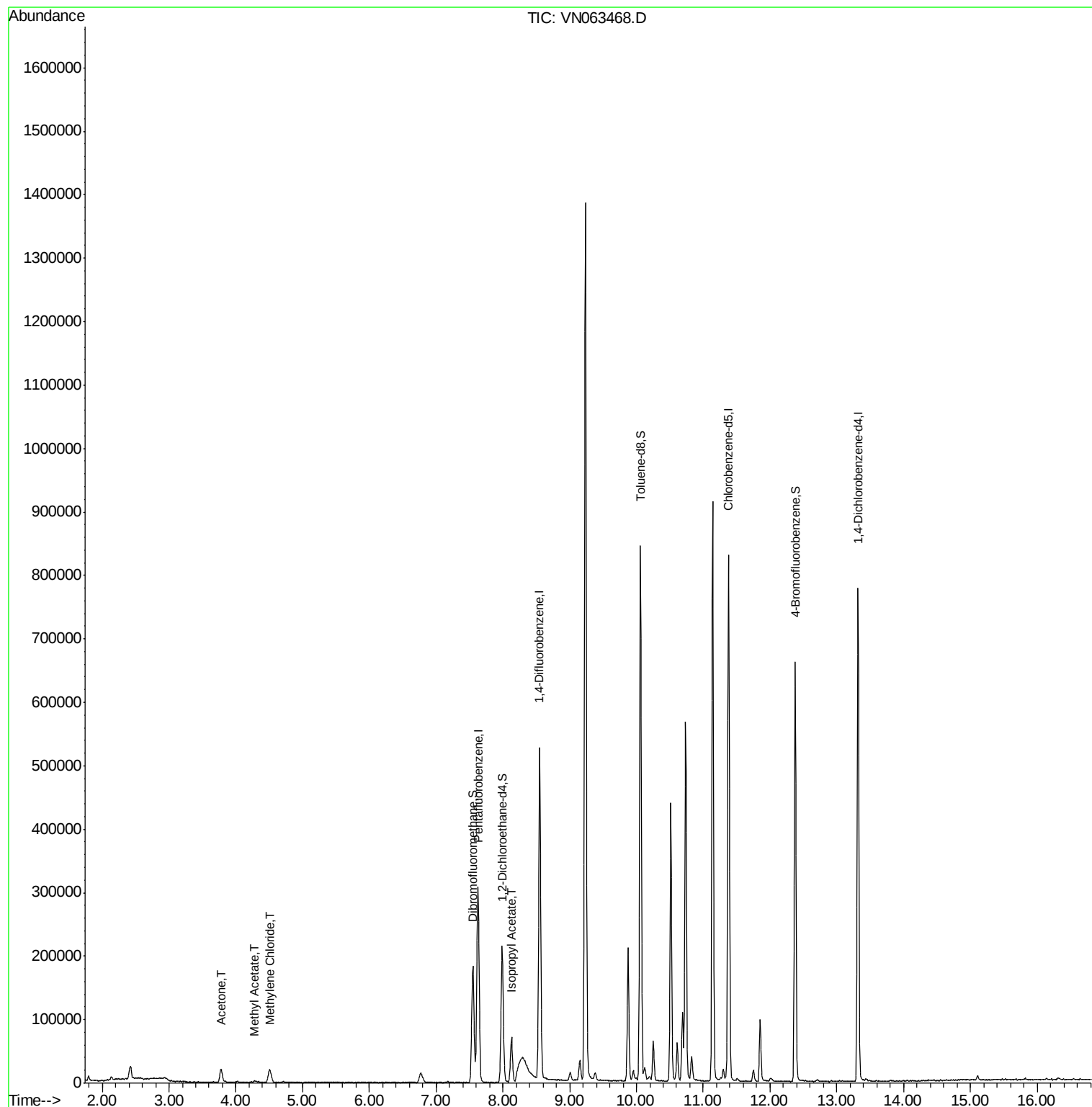
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	434458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189386	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	7.55	113	135480	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
50) Toluene-d8	10.06	98	555565	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.38	95	218659	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
Target Compounds						
16) Acetone	3.78	43	35725	28.829	ug/l	94
18) Methyl Acetate	4.28	43	3338	1.061	ug/l	91
20) Methylene Chloride	4.51	84	14787	4.710	ug/l	88
43) Isopropyl Acetate	8.13	43	84649	10.579	ug/l	98

(#) = 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

Lab File: VN063468.D

Acq: 18 Sep 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

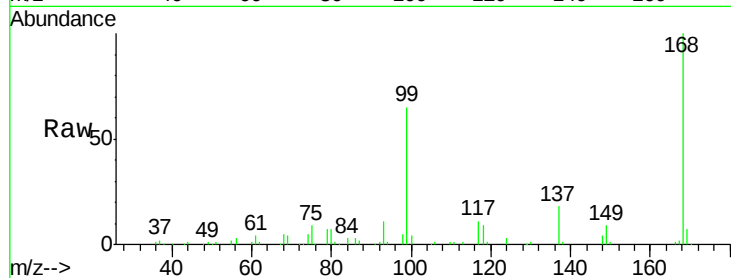
TR-08-091720

Tot Ion:168 Resp: 226510

Ion Ratio Lower Upper

168 100

99 65.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

60000

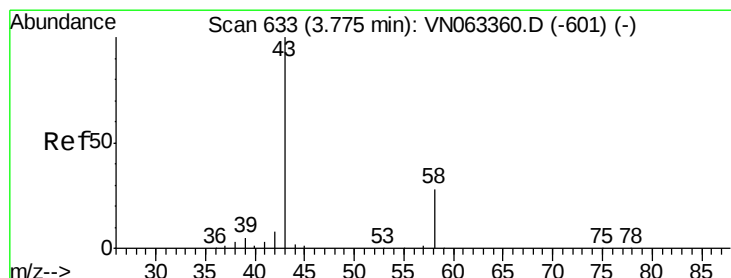
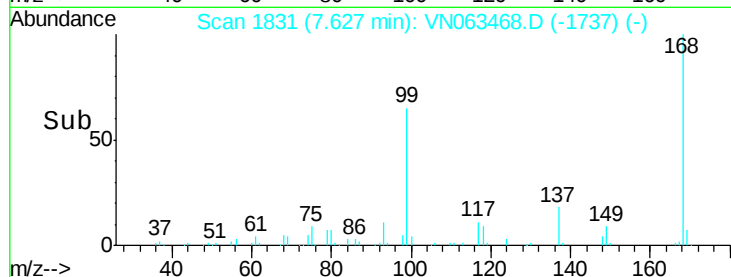
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 28.829 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063468.D

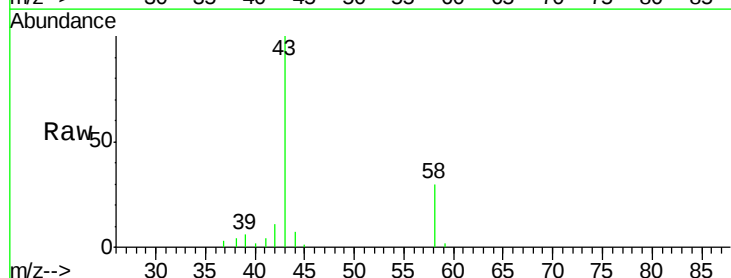
Acq: 18 Sep 2020 19:25

Tgt Ion: 43 Resp: 35725

Ion Ratio Lower Upper

43 100

58 30.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

15000

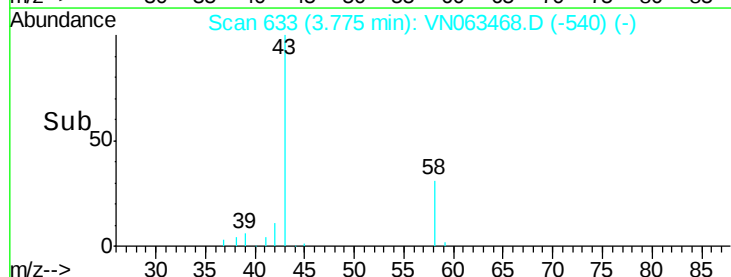
10000

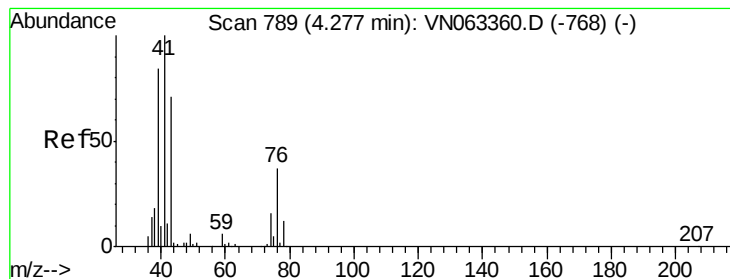
5000

0

Time-->

3.70 3.80 3.90





#18

Methvl Acetate

Concen: 1.061 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN063468.D

Acq: 18 Sep 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

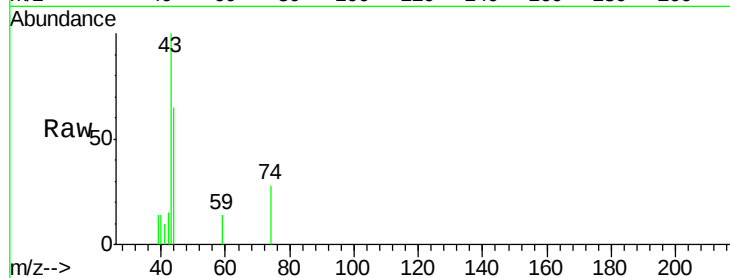
TR-08-091720

Tot Ion: 43 Resp: 3338

Ion Ratio Lower Upper

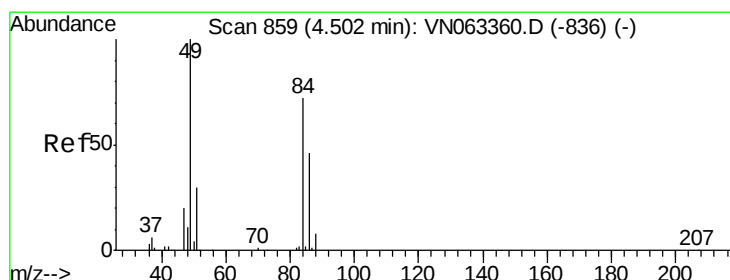
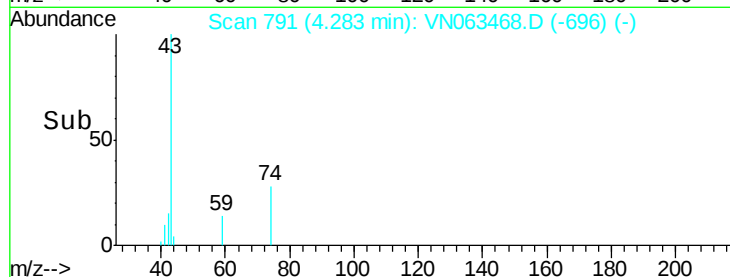
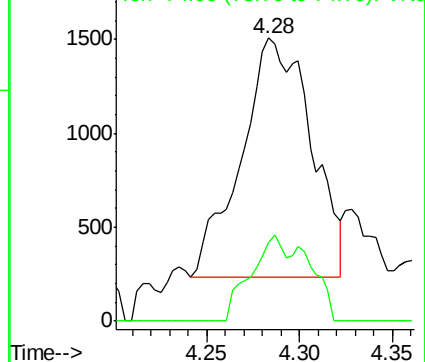
43 100

74 17.7 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 4.710 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN063468.D

Acq: 18 Sep 2020 19:25

Tgt Ion: 84 Resp: 14787

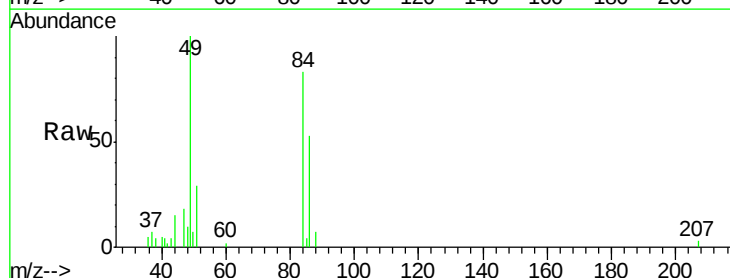
Ion Ratio Lower Upper

84 100

49 117.6 110.7 166.1

51 34.4 32.9 49.3

86 63.5 51.1 76.7

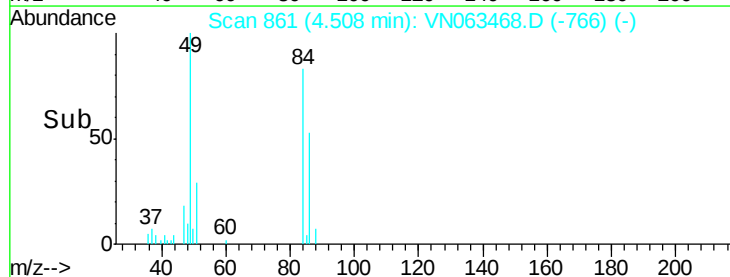
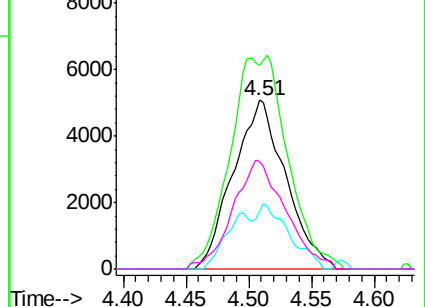


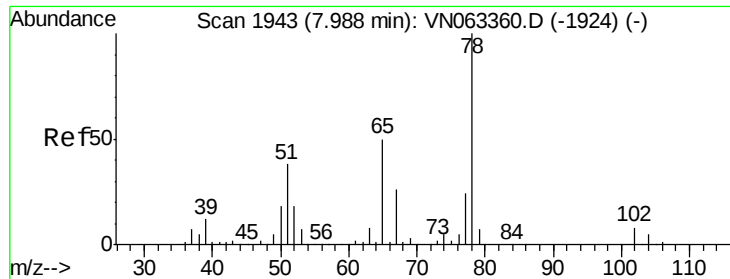
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.117 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063468.D

Acq: 18 Sep 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

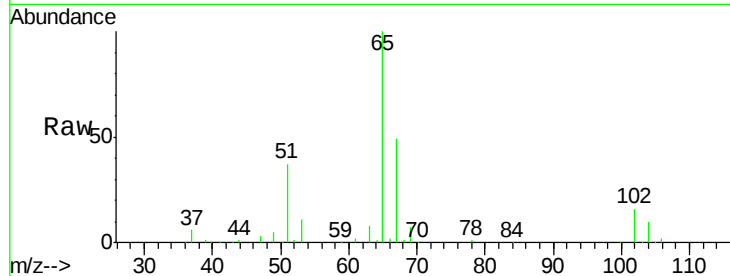
TR-08-091720

Tot Ion: 65 Resp: 189386

Ion Ratio Lower Upper

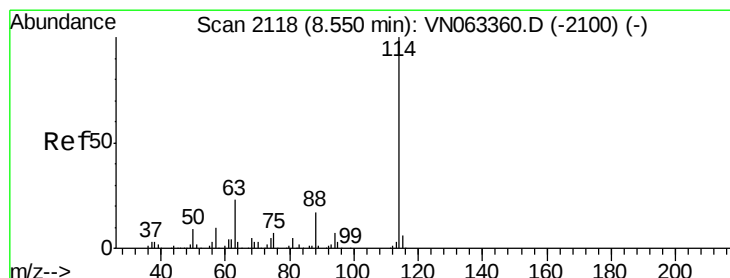
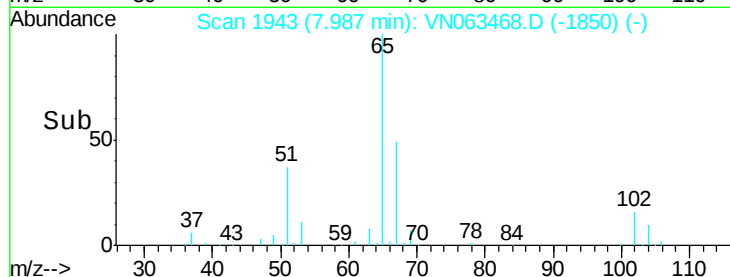
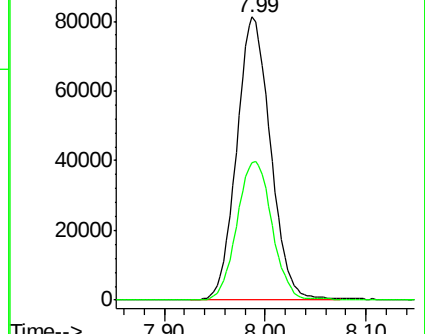
65 100

67 50.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063468.D

Acq: 18 Sep 2020 19:25

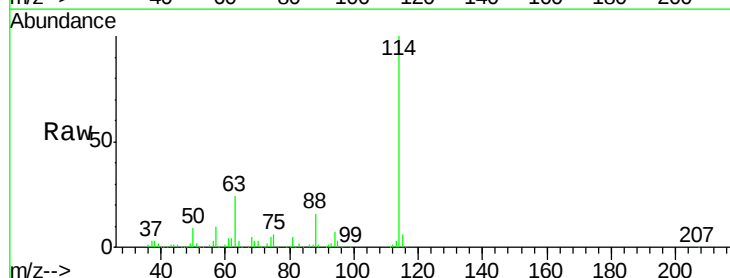
Tgt Ion: 114 Resp: 427961

Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.4

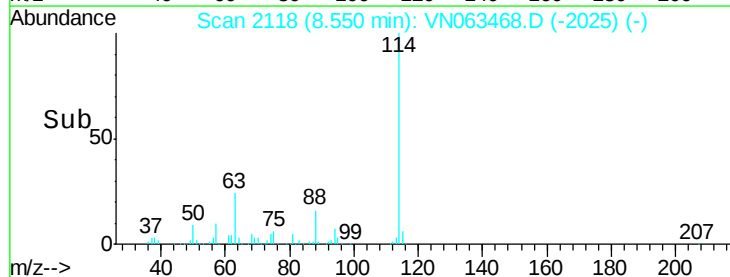
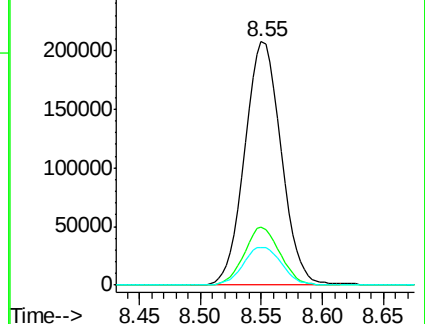
88 15.6 0.0 33.2

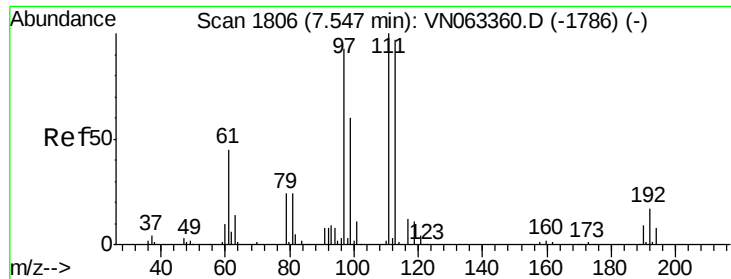


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)





#35

Dibromofluoromethane

Concen: 45.729 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063468.D

Acq: 18 Sep 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

TR-08-091720

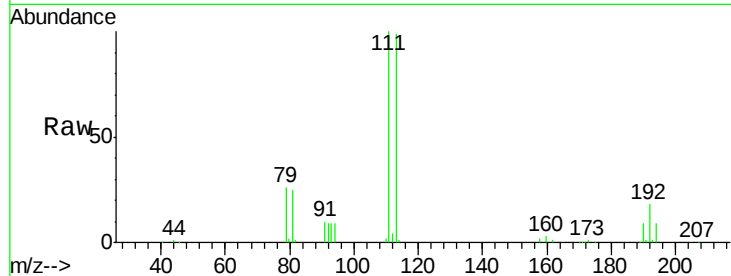
Tot Ion:113 Resp: 135480

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

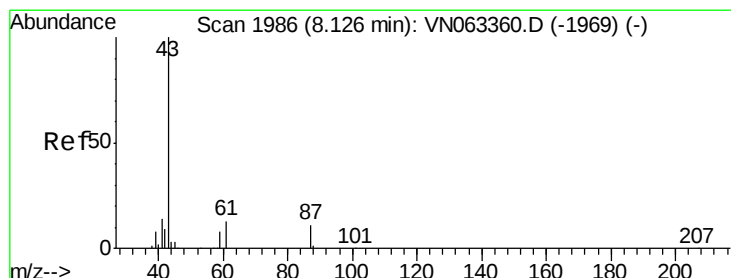
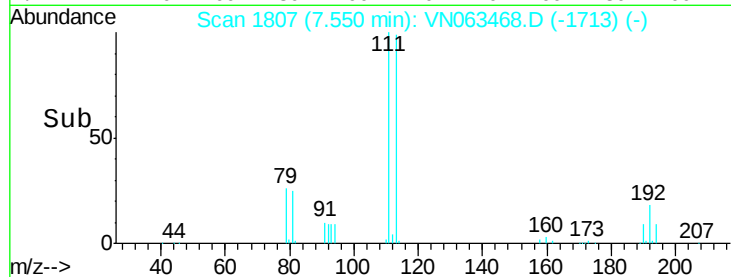
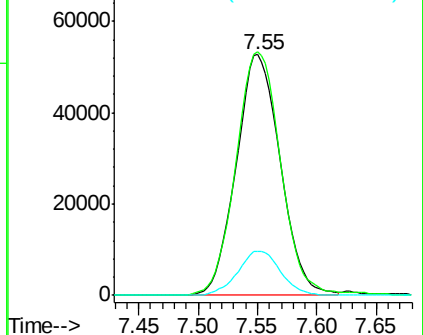
192 17.7 13.9 20.9



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



#43

Isopropyl Acetate

Concen: 10.579 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063468.D

Acq: 18 Sep 2020 19:25

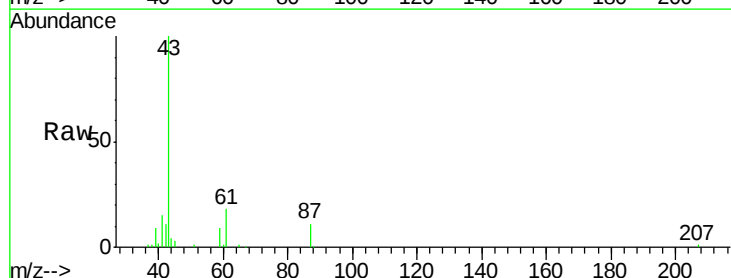
Tgt Ion: 43 Resp: 84649

Ion Ratio Lower Upper

43 100

61 18.6 14.2 21.2

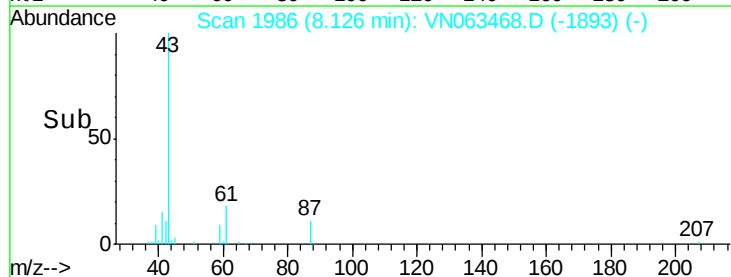
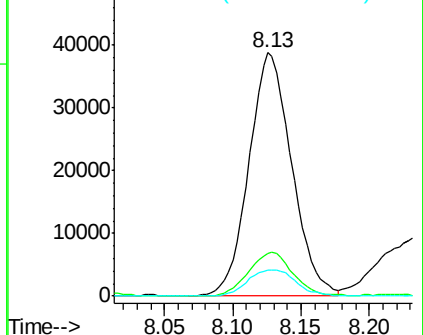
87 12.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.870 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063468.D

Acq: 18 Sep 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

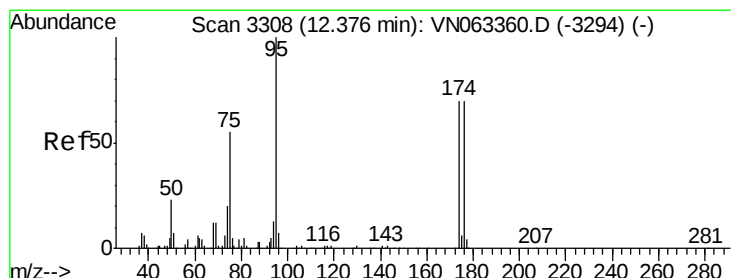
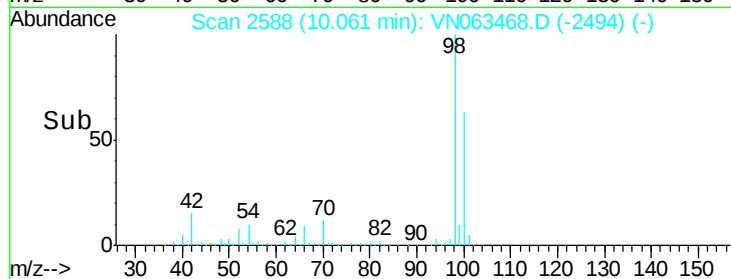
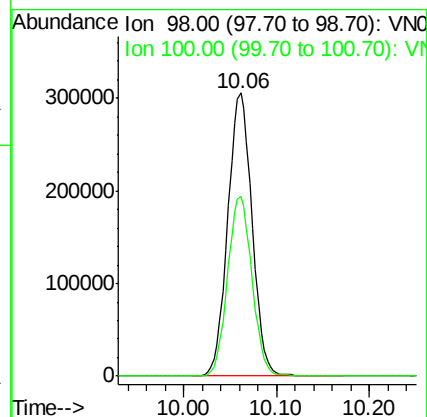
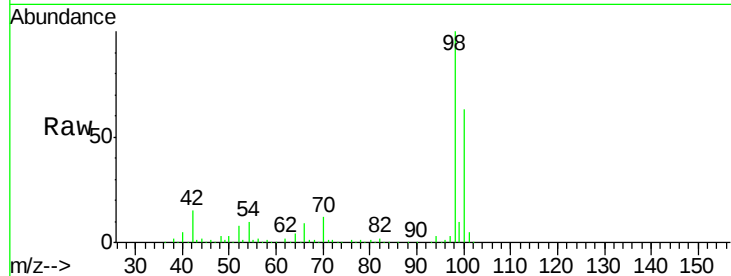
TR-08-091720

Tot Ion: 98 Resp: 555565

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 53.543 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063468.D

Acq: 18 Sep 2020 19:25

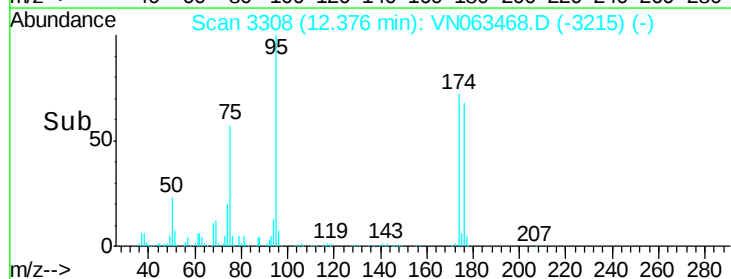
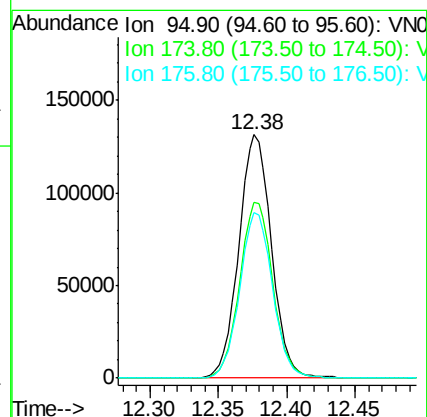
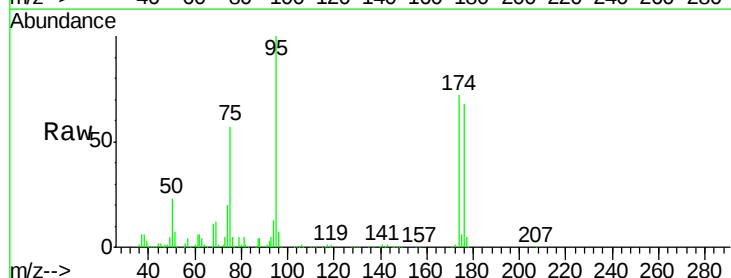
Tgt Ion: 95 Resp: 218659

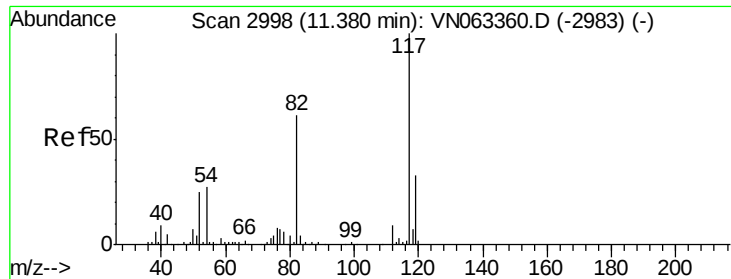
Ion Ratio Lower Upper

95 100

174 73.1 0.0 140.8

176 68.4 0.0 137.6

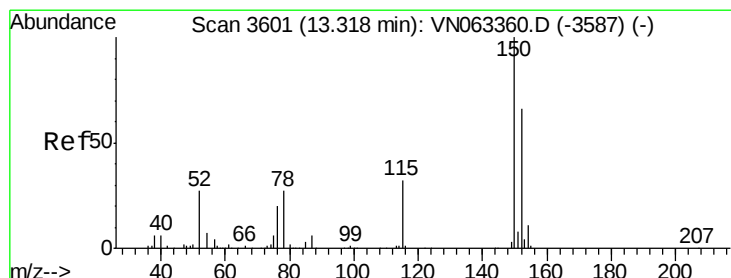
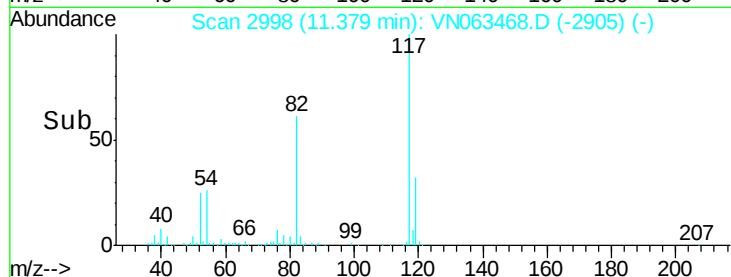
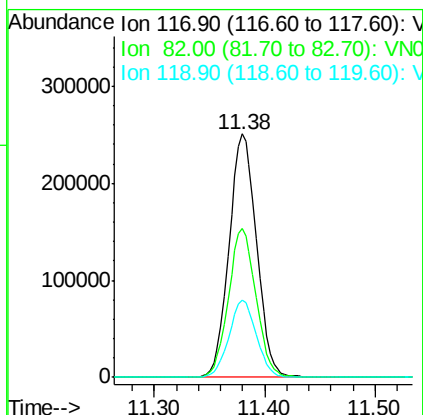
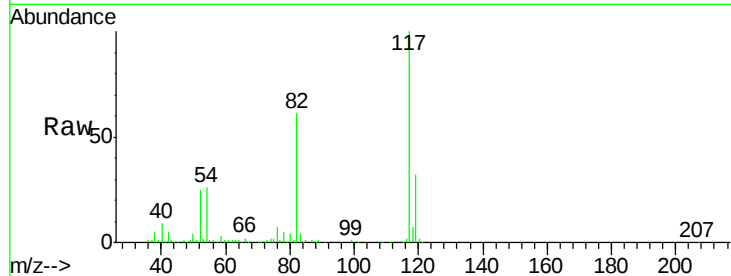




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063468.D
Acq: 18 Sep 2020 19:25

Instrument :
MSVOA_N
ClientSampleId :
TR-08-091720

Tot Ion:117 Resp: 434458
Ion Ratio Lower Upper
117 100
82 61.0 49.2 73.8
119 31.8 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: VN063468.D
Acq: 18 Sep 2020 19:25

Tgt Ion:152 Resp: 187849
Ion Ratio Lower Upper
152 100
115 63.6 32.2 96.6
150 158.3 0.0 343.4

