

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063931.D
 Acq On : 7 Oct 2020 7:30
 Operator : JC/MD
 Sample : L4269-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 362-CONCRETE

Quant Time: Oct 07 07:52:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

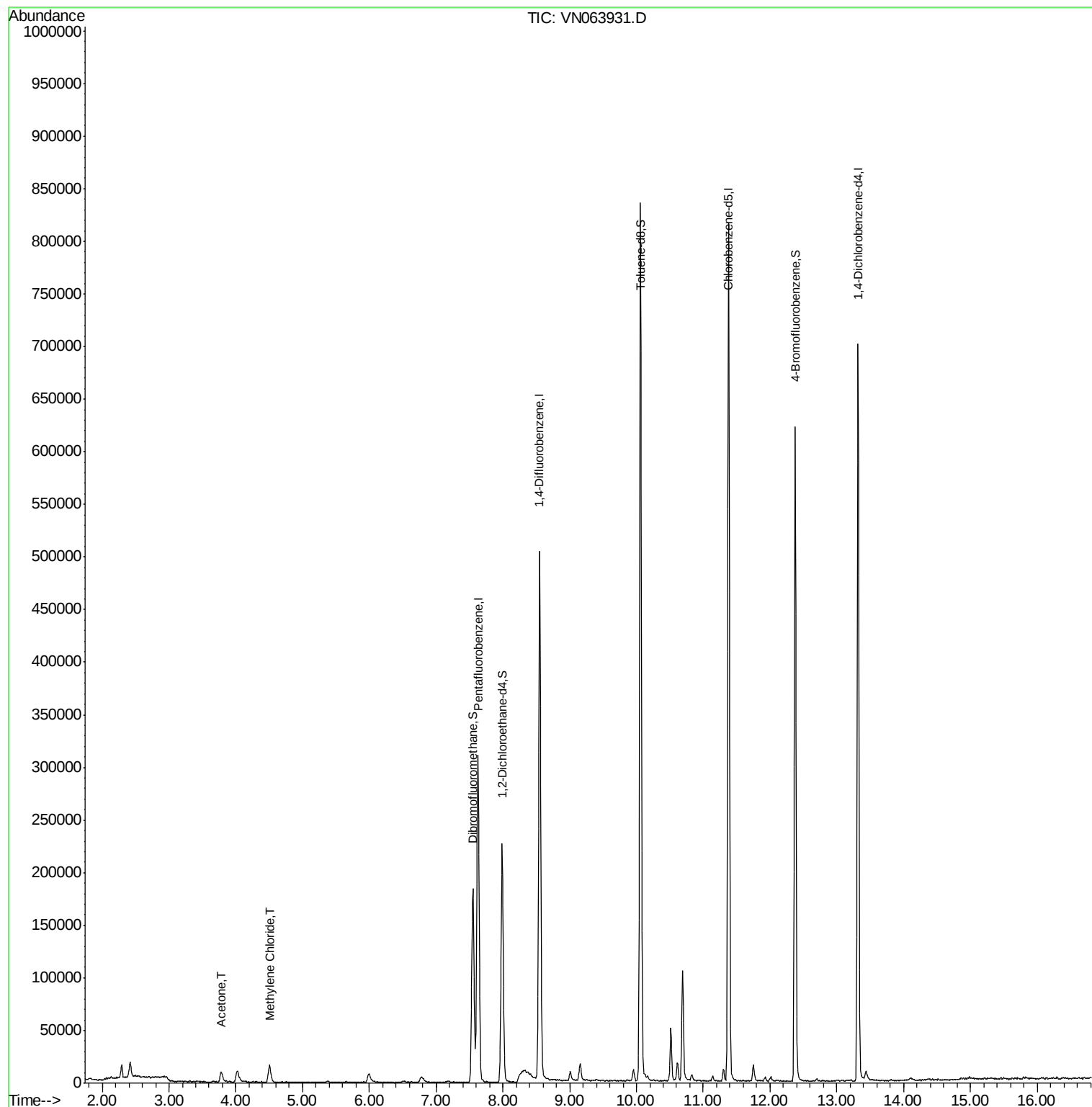
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	227613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	435575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	200659	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	7.55	113	138436	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
50) Toluene-d8	10.06	98	540992	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.38	95	205170	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
Target Compounds						
16) Acetone	3.78	43	18567	16.040	ug/l	99
20) Methylene Chloride	4.50	84	10174	3.928	ug/l #	92

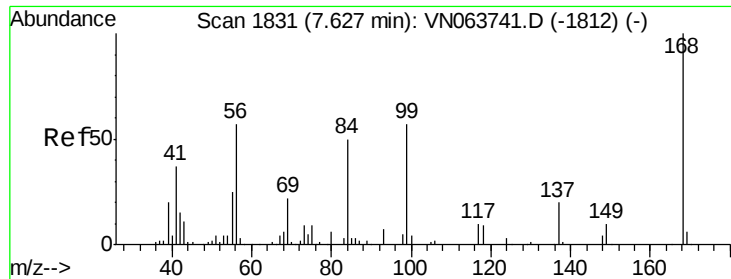
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063931.D

Acq: 7 Oct 2020 7:30

Instrument :

MSVOA_N

ClientSampleId :

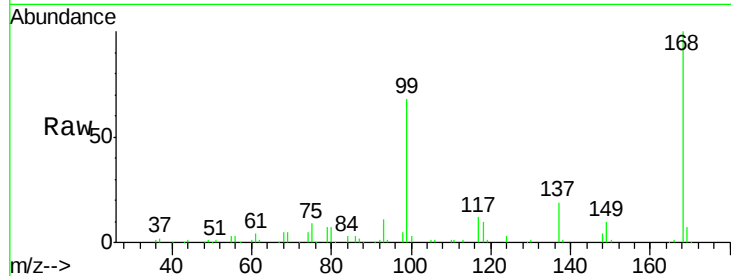
362-CONCRETE

Tot Ion:168 Resp: 227613

Ion Ratio Lower Upper

168 100

99 67.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

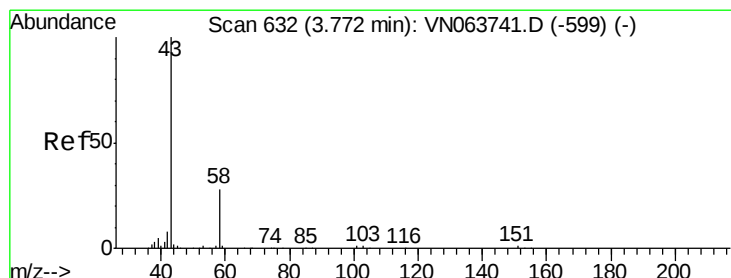
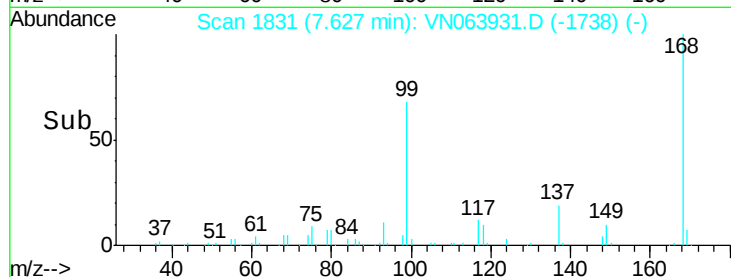
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 16.040 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063931.D

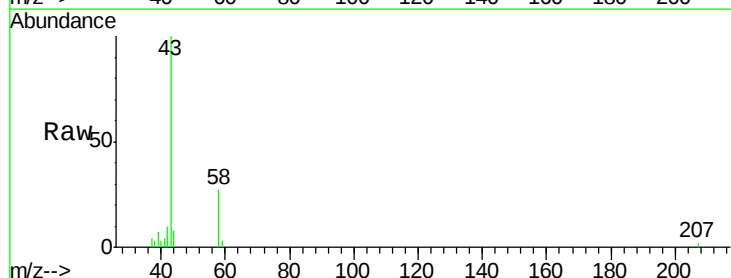
Acq: 7 Oct 2020 7:30

Tgt Ion: 43 Resp: 18567

Ion Ratio Lower Upper

43 100

58 27.3 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

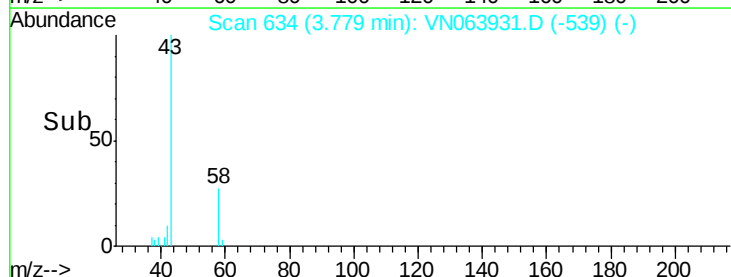
6000

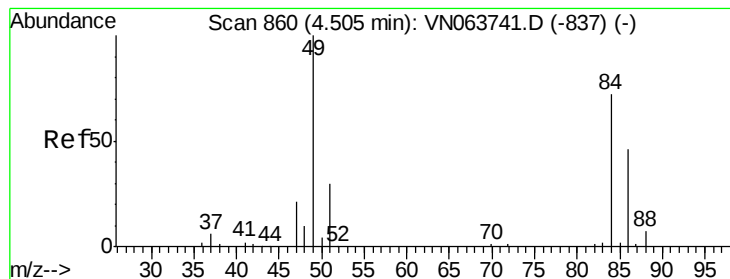
4000

2000

0

Time--> 3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 3.928 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063931.D

Acq: 7 Oct 2020 7:30

Instrument :

MSVOA_N

ClientSampleId :

362-CONCRETE

Tot Ion: 84 Resp: 10174

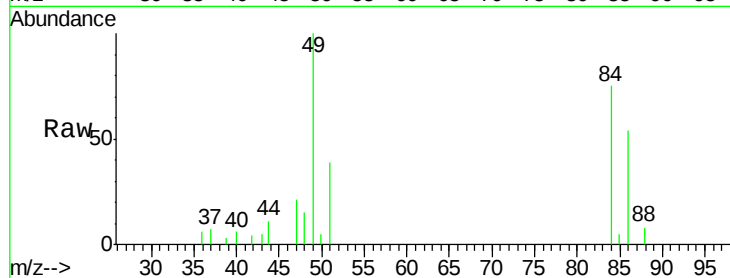
Ion Ratio Lower Upper

84 100

49 134.1 110.4 165.6

51 51.7 33.3 49.9#

86 72.4 50.7 76.1

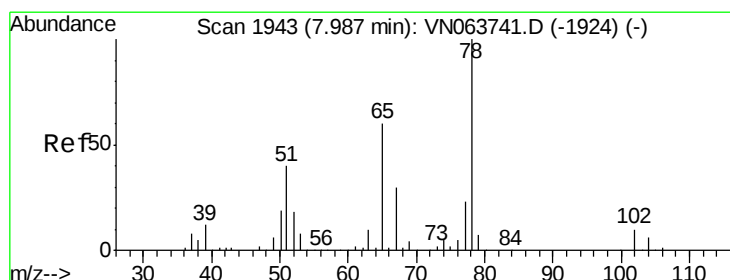
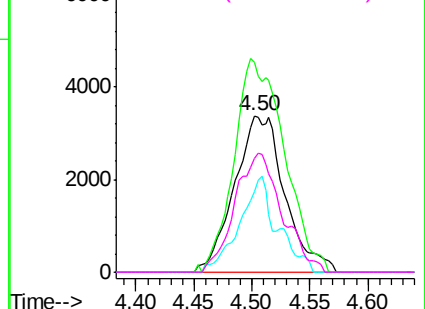
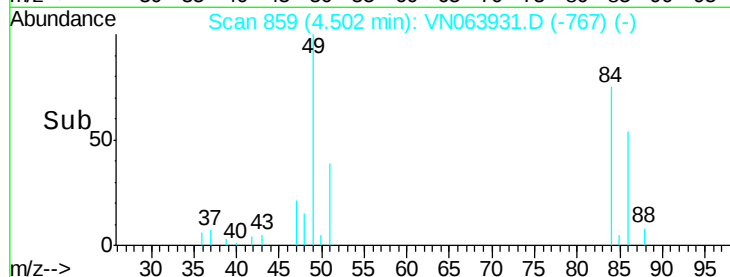


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 53.362 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063931.D

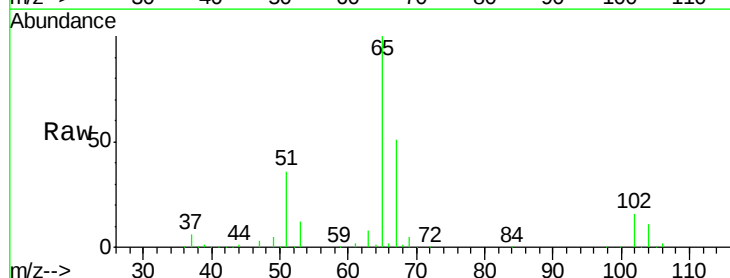
Acq: 7 Oct 2020 7:30

Tgt Ion: 65 Resp: 200659

Ion Ratio Lower Upper

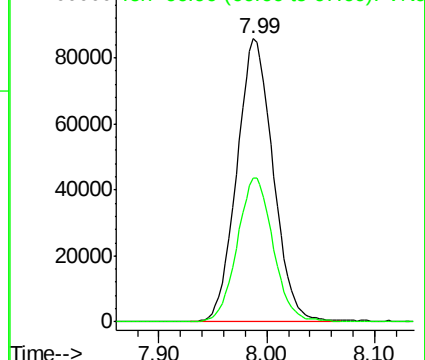
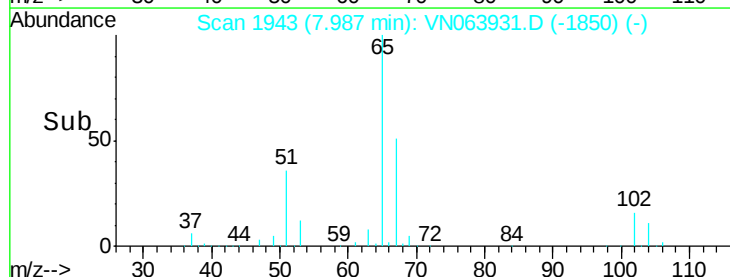
65 100

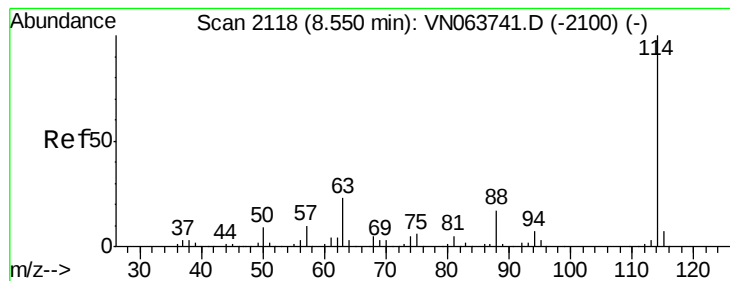
67 50.4 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063931.D

Acq: 7 Oct 2020 7:30

Instrument :

MSVOA_N

ClientSampleId :

362-CONCRETE

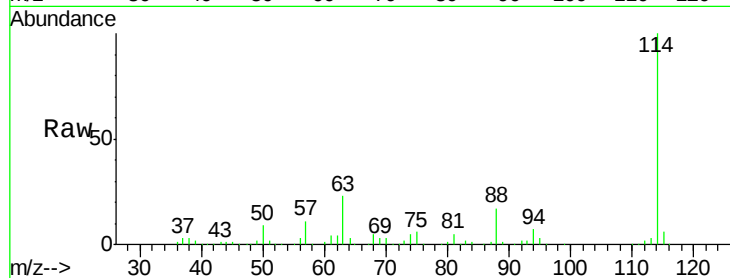
Tot Ion:114 Resp: 422103

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

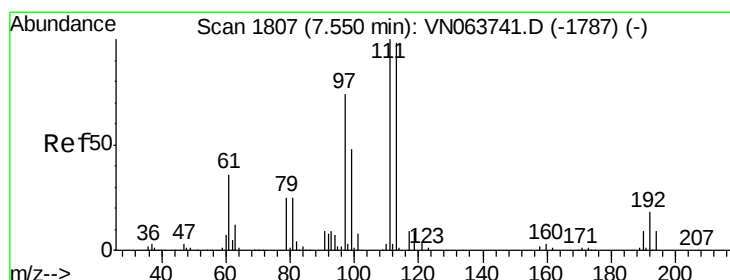
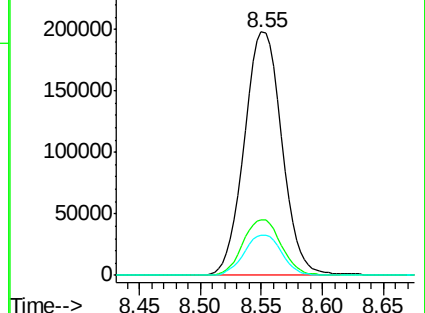
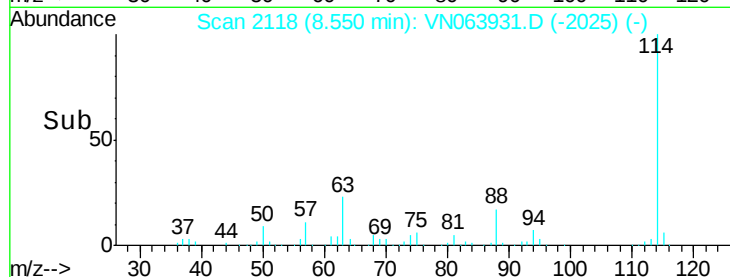
88 16.6 0.0 34.0



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: 47.266 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063931.D

Acq: 7 Oct 2020 7:30

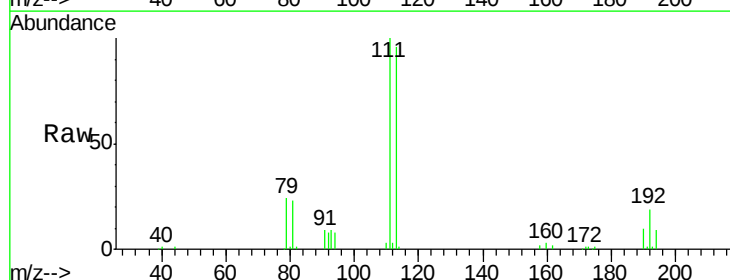
Tgt Ion:113 Resp: 138436

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

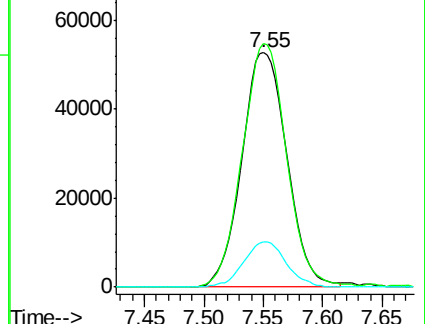
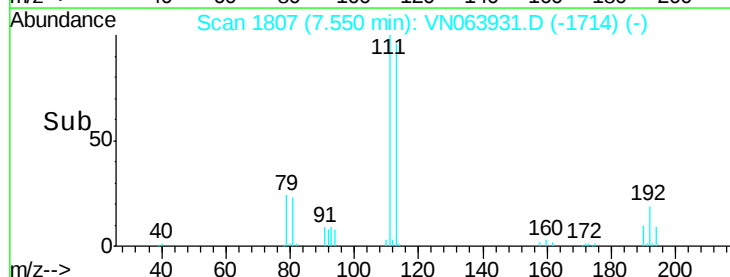
192 18.3 14.2 21.2

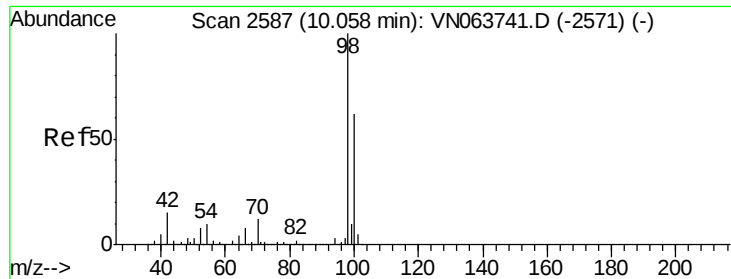


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.725 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063931.D

Acq: 7 Oct 2020 7:30

Instrument :

MSVOA_N

ClientSampleId :

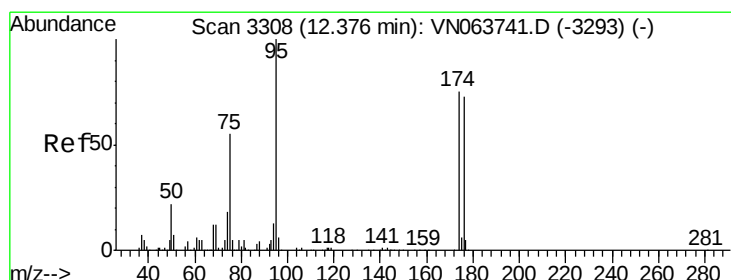
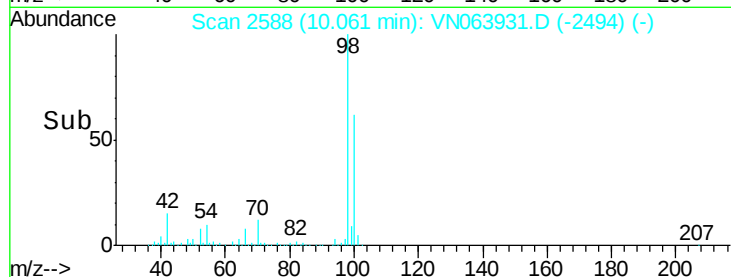
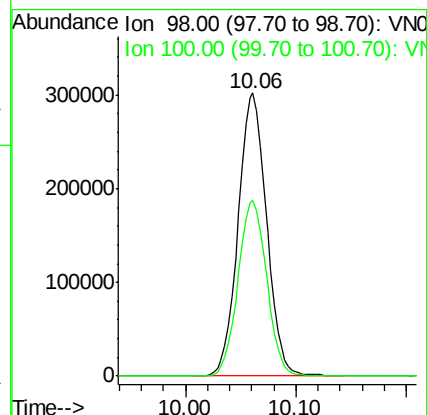
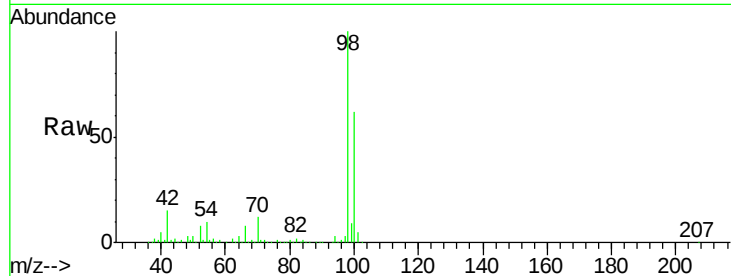
362-CONCRETE

Tot Ion: 98 Resp: 540992

Ion Ratio Lower Upper

98 100

100 62.7 49.8 74.6



#62

4-Bromofluorobenzene

Concen: 49.157 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063931.D

Acq: 7 Oct 2020 7:30

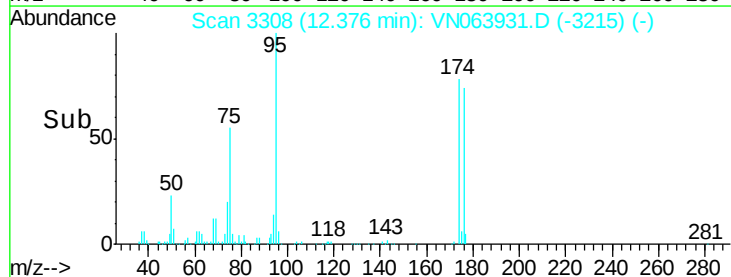
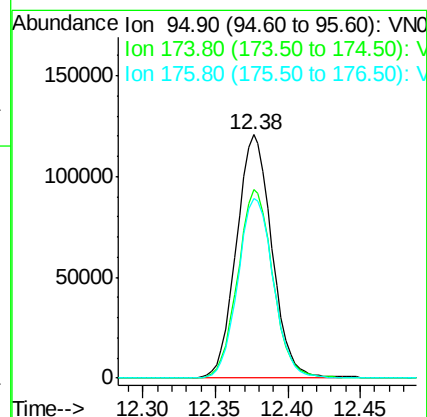
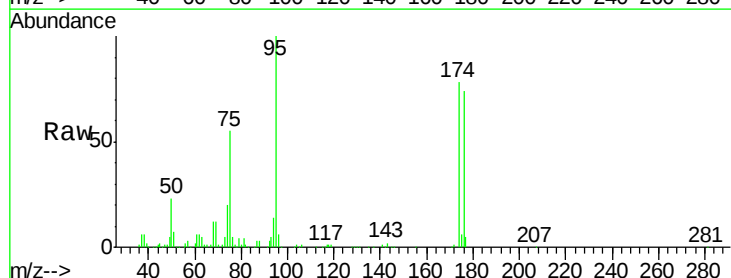
Tgt Ion: 95 Resp: 205170

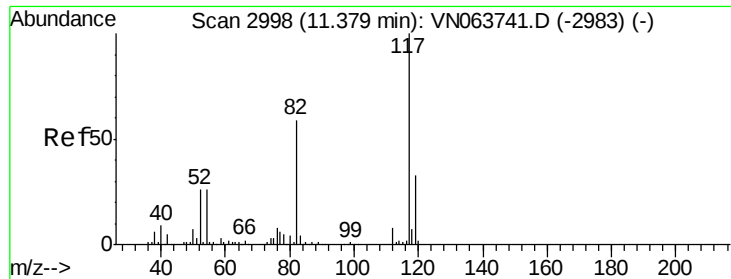
Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.6

176 74.1 0.0 145.4

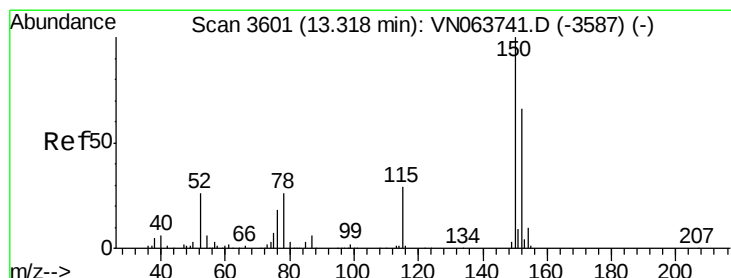
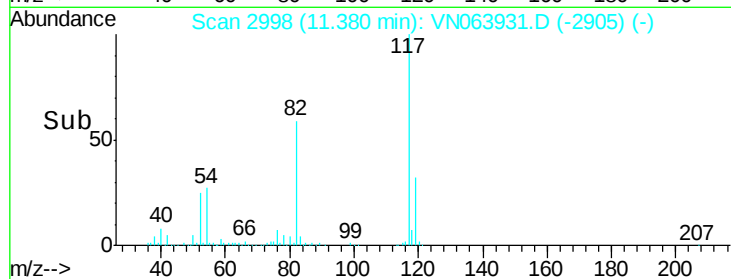
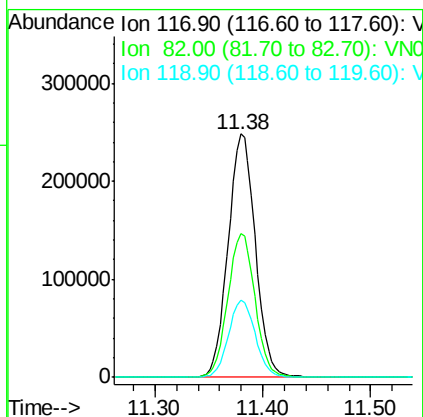
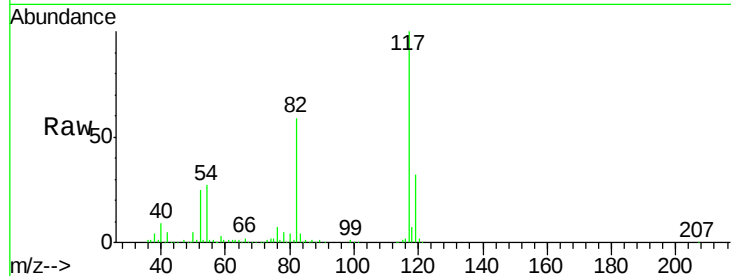




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063931.D
Acq: 7 Oct 2020 7:30

Instrument :
MSVOA_N
ClientSampleId :
362-CONCRETE

Tot Ion:117 Resp: 435575
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063931.D
Acq: 7 Oct 2020 7:30

Tgt Ion:152 Resp: 175535
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 156.0 0.0 341.8

