

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063398.D
 Acq On : 17 Sep 2020 5:27
 Operator : JC/MD
 Sample : L4015-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-6E-(D-0)

Quant Time: Sep 17 06:43:50 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

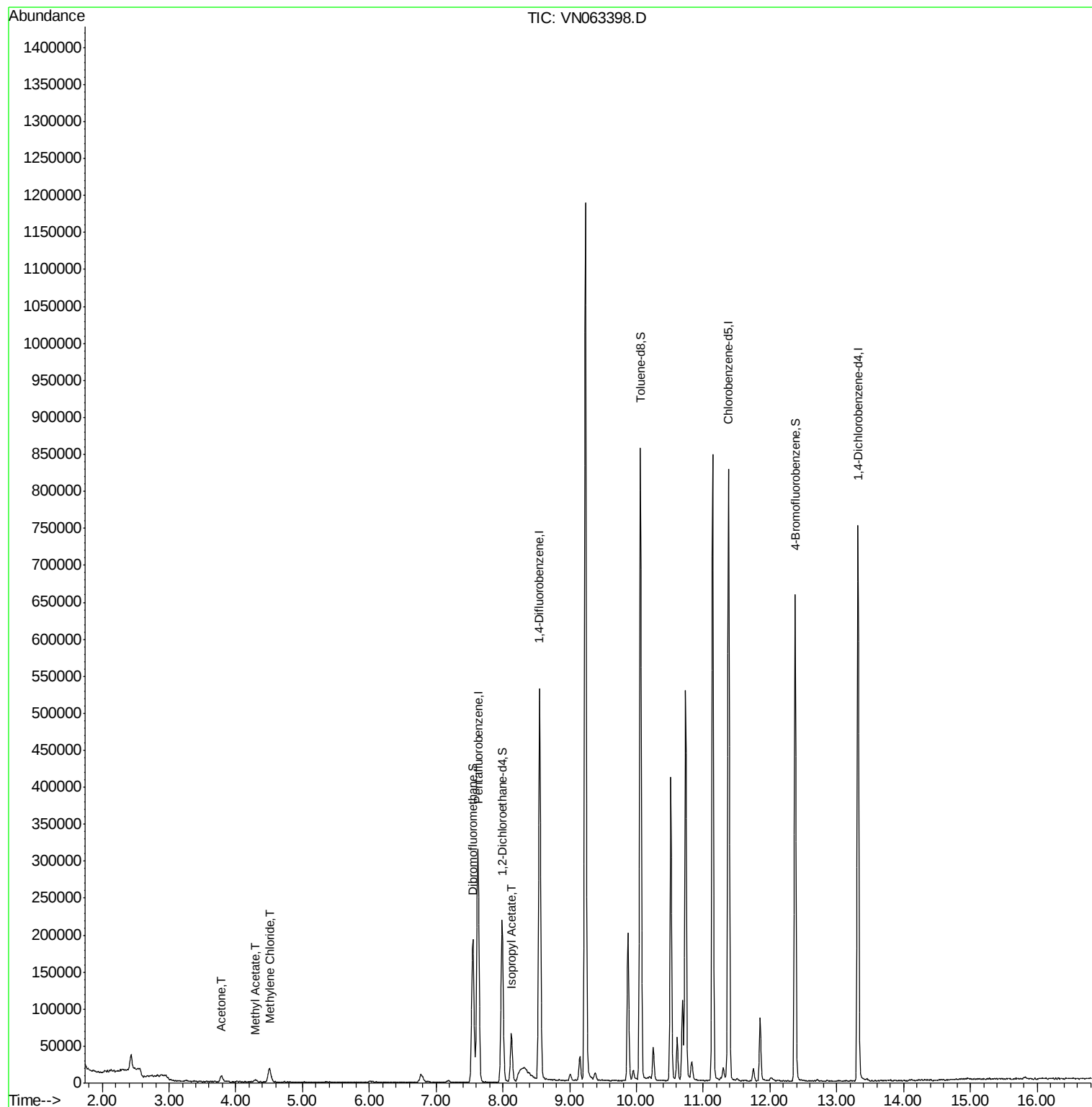
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	230980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	194765	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
35) Dibromofluoromethane	7.55	113	141758	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
50) Toluene-d8	10.06	98	567568	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.38	95	216377	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
Target Compounds						
16) Acetone	3.79	43	14550	11.514	ug/l	95
18) Methyl Acetate	4.29	43	4725	1.473	ug/l	99
20) Methylene Chloride	4.51	84	12987	4.056	ug/l	87
43) Isopropyl Acetate	8.13	43	79060	9.545	ug/l	99

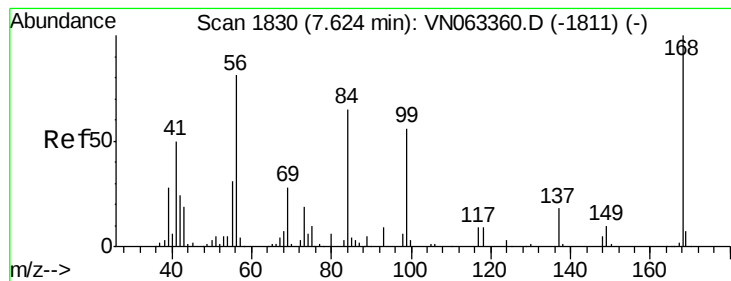
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063398.D

Acq: 17 Sep 2020 5:27

Instrument :

MSVOA_N

ClientSampleId :

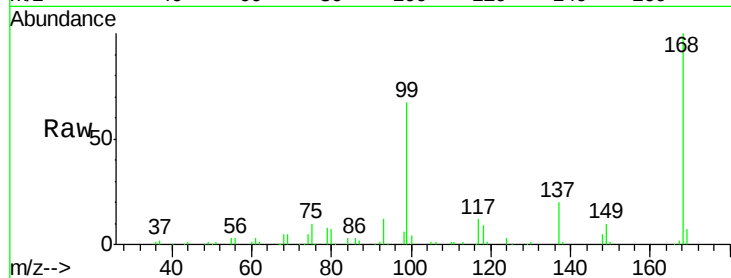
REACTOR-6E-(D-0)

Tot Ion:168 Resp: 230980

Ion Ratio Lower Upper

168 100

99 66.8 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

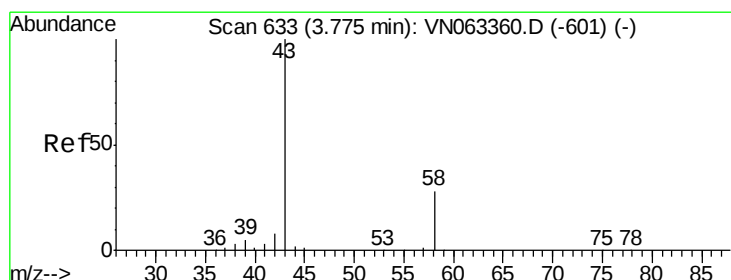
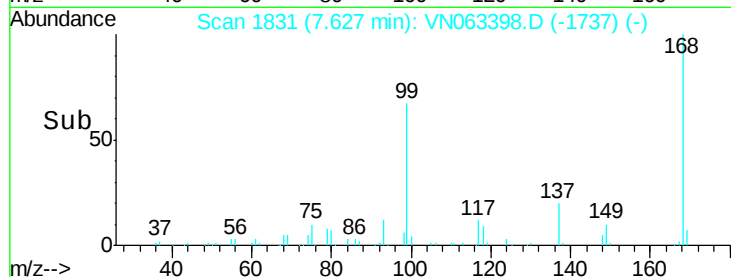
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 11.514 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN063398.D

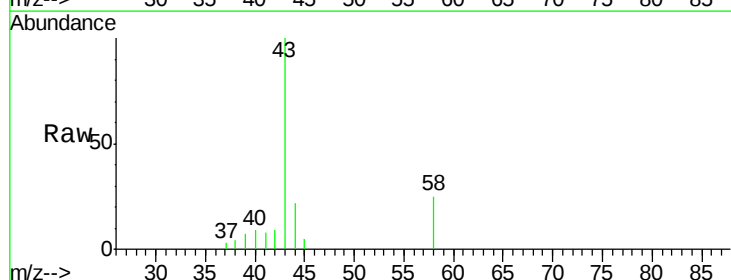
Acq: 17 Sep 2020 5:27

Tgt Ion: 43 Resp: 14550

Ion Ratio Lower Upper

43 100

58 25.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

5000

4000

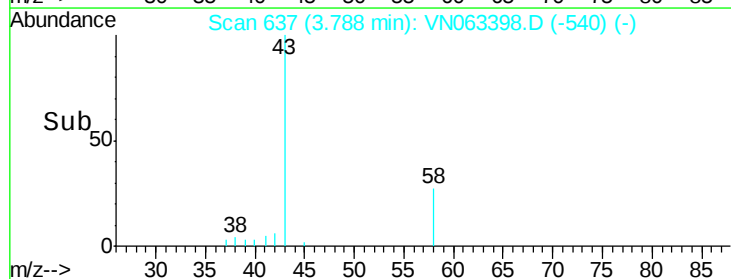
3000

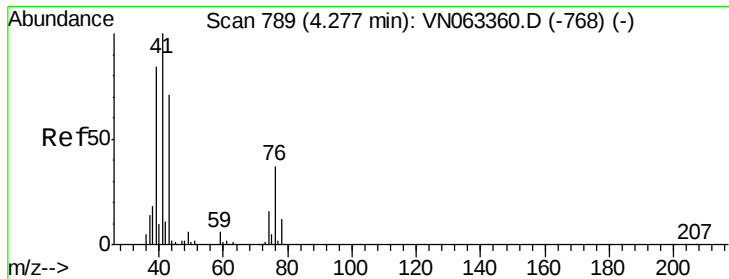
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

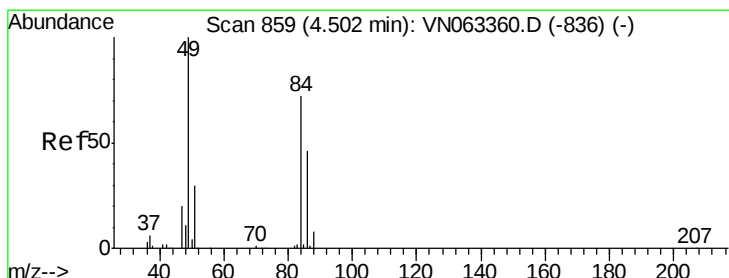
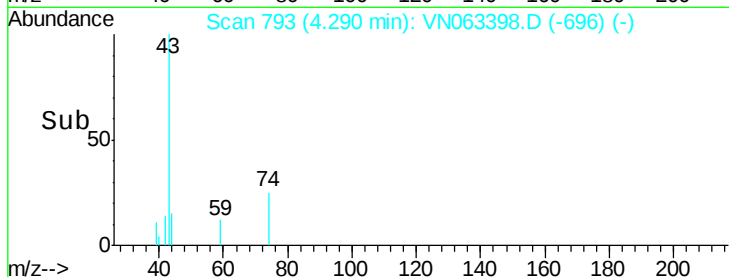
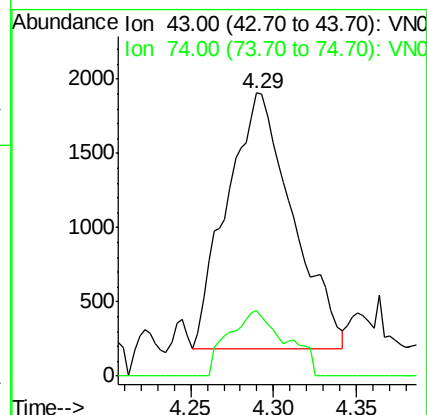
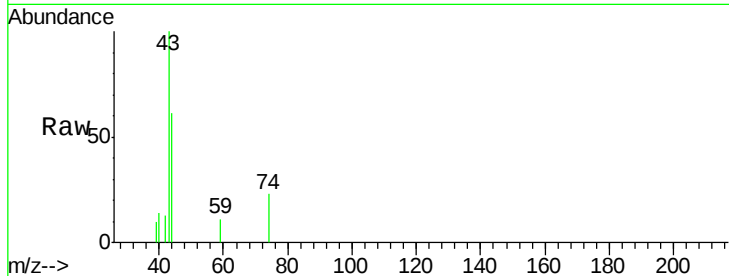




#18
Methvl Acetate
Concen: 1.473 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063398.D
Acq: 17 Sep 2020 5:27

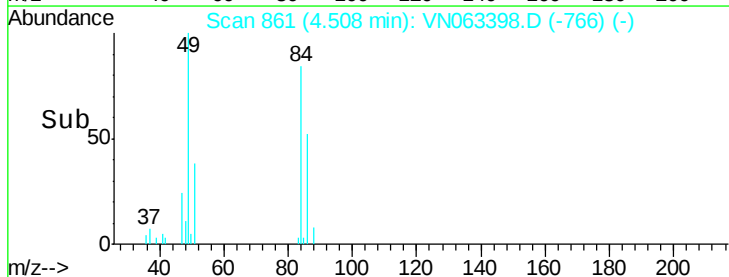
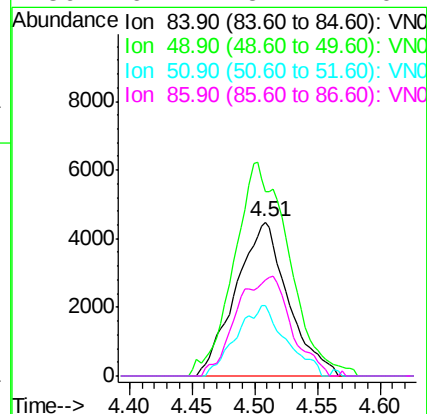
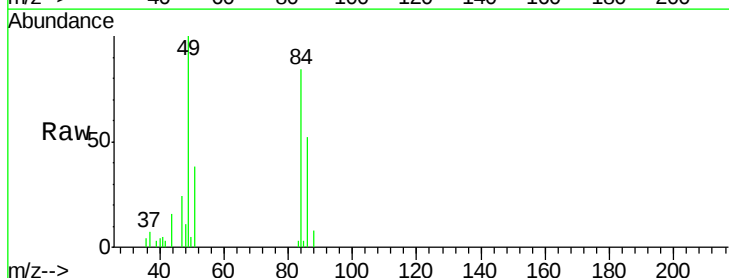
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-6E-(D-0)

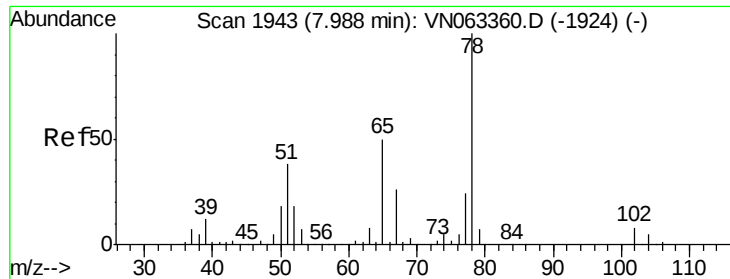
Tot Ion: 43 Resp: 4725
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.2



#20
Methylene Chloride
Concen: 4.056 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063398.D
Acq: 17 Sep 2020 5:27

Tgt Ion: 84 Resp: 12987
Ion Ratio Lower Upper
84 100
49 115.3 110.7 166.1
51 45.8 32.9 49.3
86 62.1 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 49.535 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063398.D

Acq: 17 Sep 2020 5:27

Instrument :

MSVOA_N

ClientSampleId :

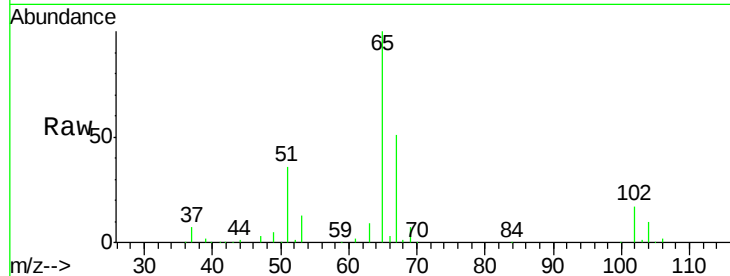
REACTOR-6E-(D-0)

Tot Ion: 65 Resp: 194765

Ion Ratio Lower Upper

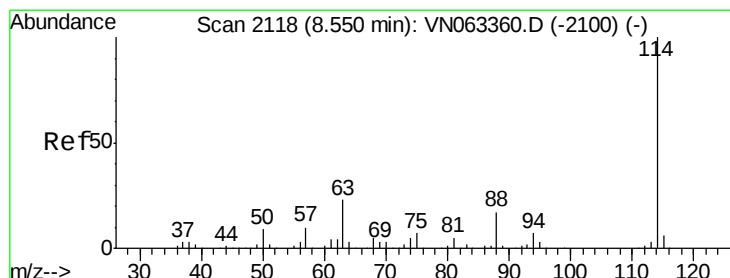
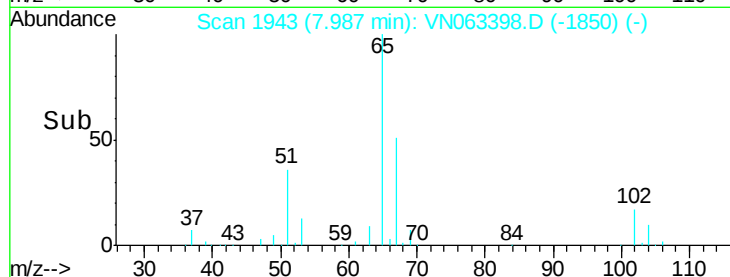
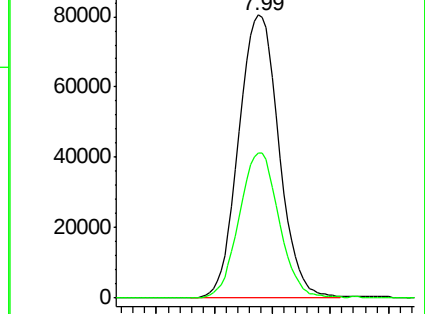
65 100

67 51.0 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: VN063398.D

Acq: 17 Sep 2020 5:27

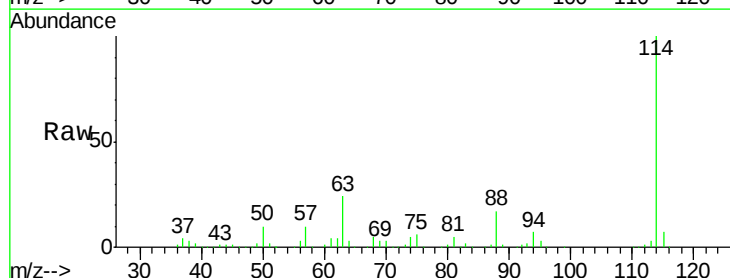
Tgt Ion: 114 Resp: 443001

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.4

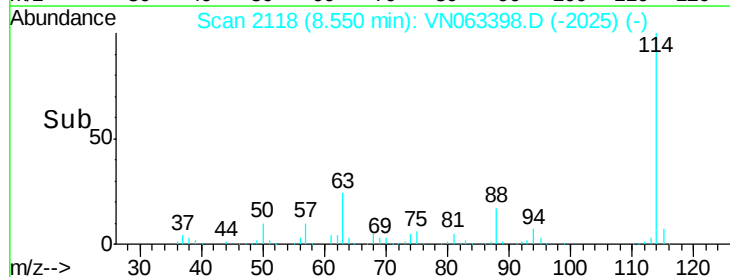
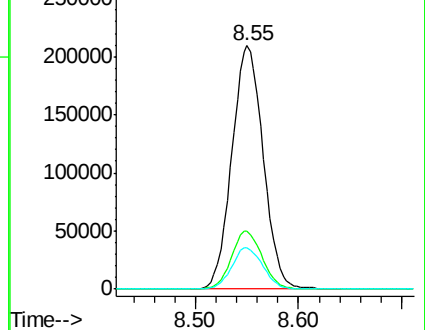
88 17.0 0.0 33.2

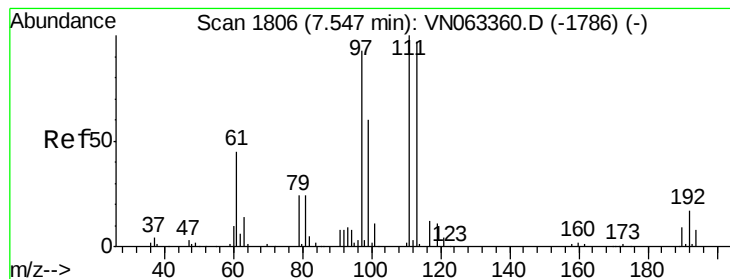


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

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: 46.223 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063398.D

Acq: 17 Sep 2020 5:27

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-6E-(D-0)

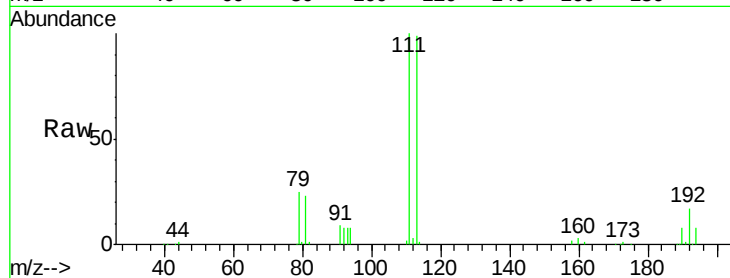
Tot Ion:113 Resp: 141758

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

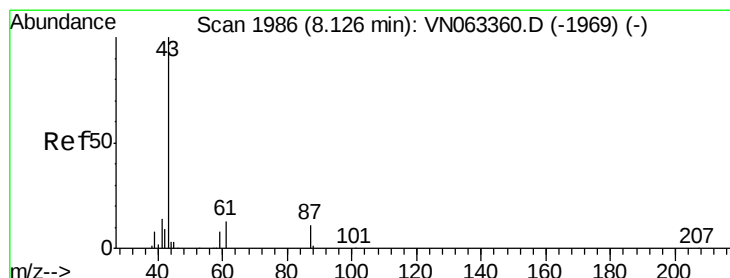
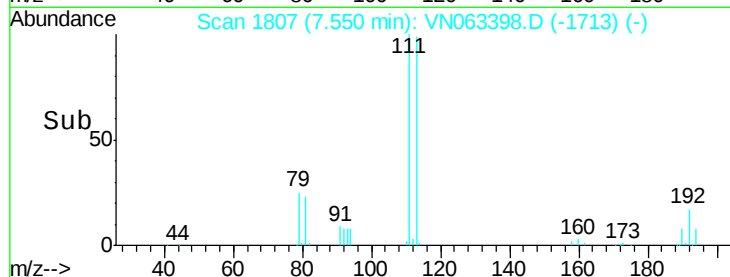
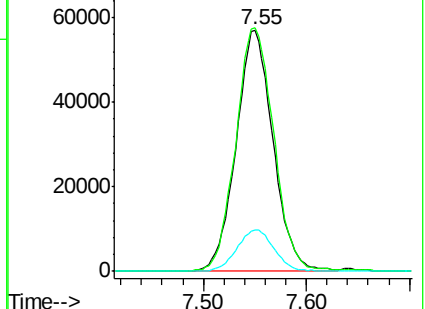
192 17.4 13.9 20.9



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: 9.545 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063398.D

Acq: 17 Sep 2020 5:27

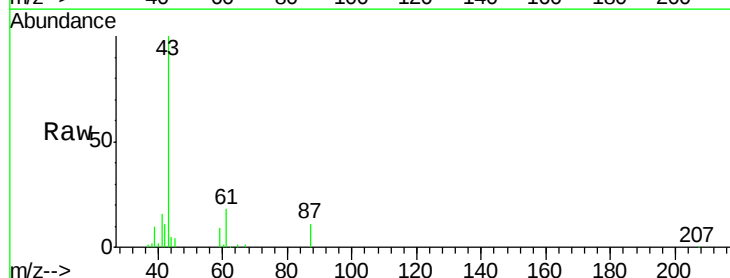
Tgt Ion: 43 Resp: 79060

Ion Ratio Lower Upper

43 100

61 18.4 14.2 21.2

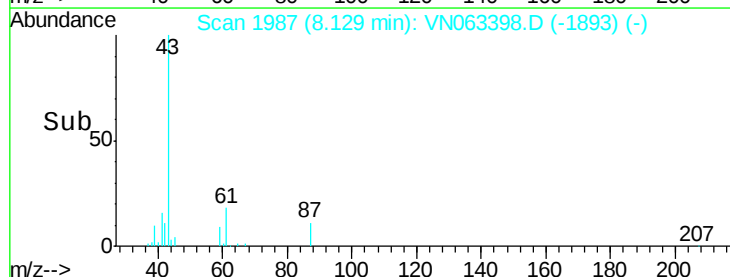
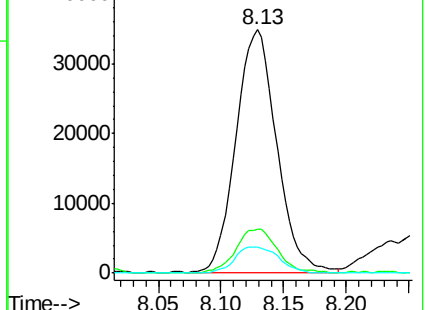
87 11.6 9.0 13.6

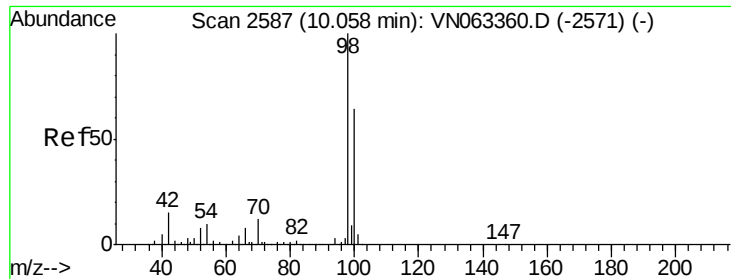


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.218 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063398.D

Acq: 17 Sep 2020 5:27

Instrument :

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ClientSampleId :

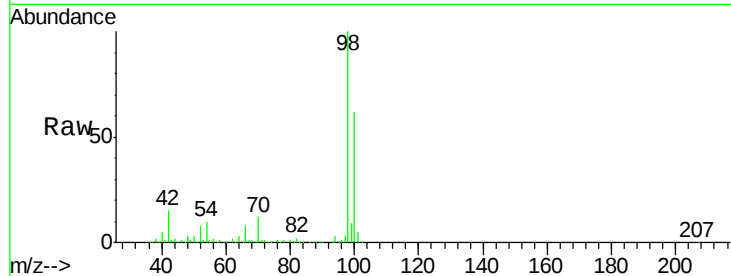
REACTOR-6E-(D-0)

Tot Ion: 98 Resp: 567568

Ion Ratio Lower Upper

98 100

100 62.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

300000

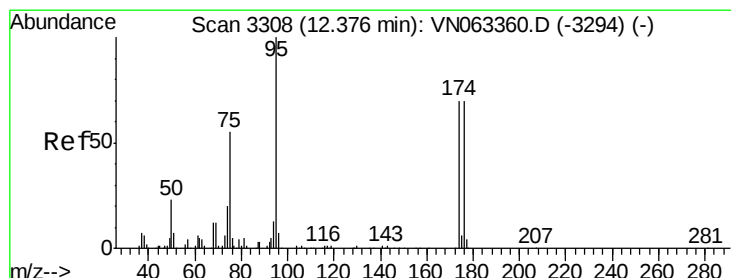
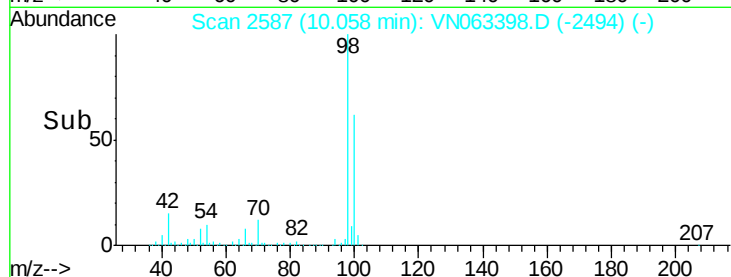
200000

100000

0

Time-->

10.00 10.10



#62

4-Bromofluorobenzene

Concen: 51.185 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063398.D

Acq: 17 Sep 2020 5:27

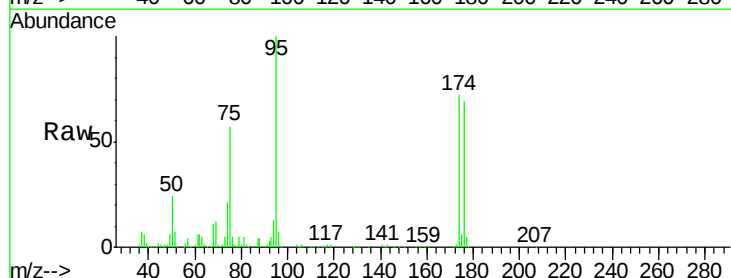
Tgt Ion: 95 Resp: 216377

Ion Ratio Lower Upper

95 100

174 71.4 0.0 140.8

176 68.8 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

12.38

150000

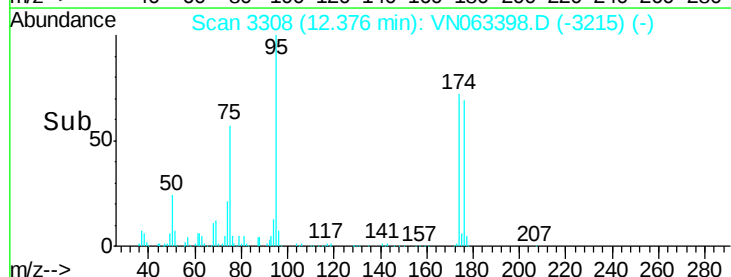
100000

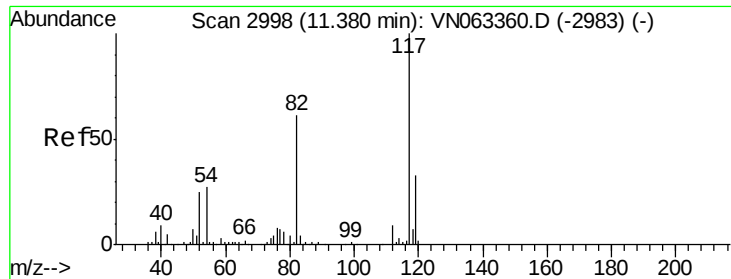
50000

0

Time-->

12.30 12.35 12.40 12.45

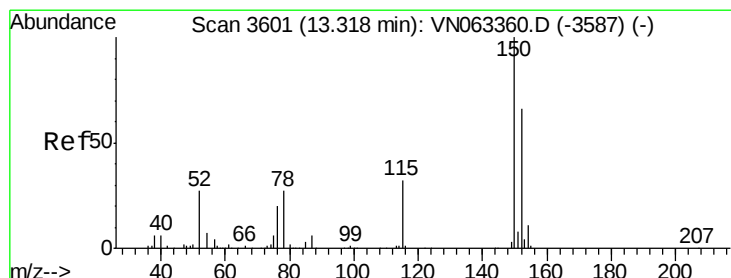
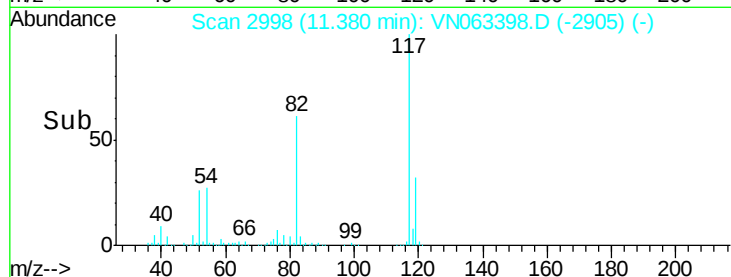
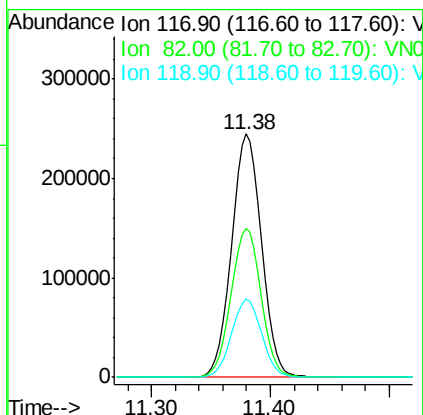
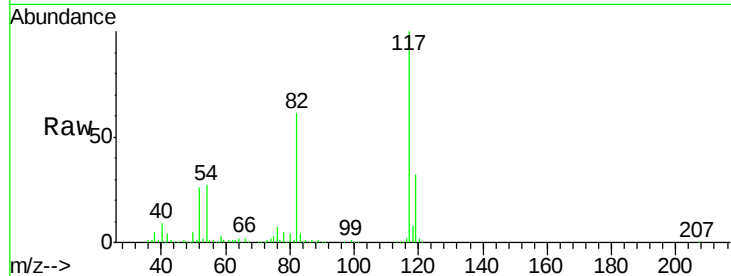




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063398.D
Acq: 17 Sep 2020 5:27

Instrument :
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REACTOR-6E-(D-0)

Tot Ion:117 Resp: 426947
Ion Ratio Lower Upper
117 100
82 61.3 49.2 73.8
119 32.0 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: VN063398.D
Acq: 17 Sep 2020 5:27

Tgt Ion:152 Resp: 181099
Ion Ratio Lower Upper
152 100
115 64.4 32.2 96.6
150 157.7 0.0 343.4

