

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063396.D
 Acq On : 17 Sep 2020 4:39
 Operator : JC/MD
 Sample : L4015-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Sep 17 05:34:18 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

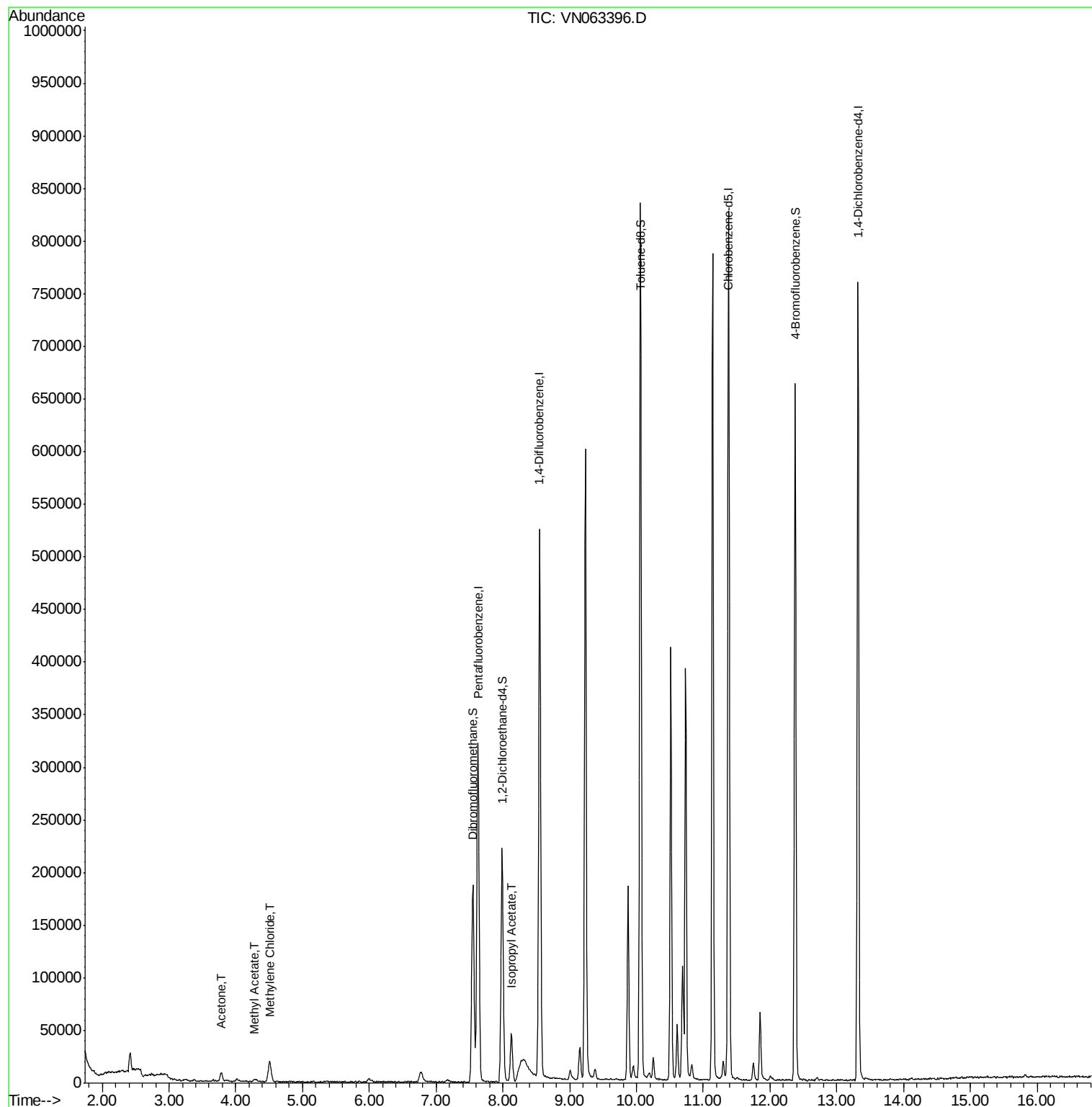
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	232235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	194929	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	7.55	113	142457	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	10.06	98	565370	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.38	95	222470	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
Target Compounds						
16) Acetone	3.78	43	14309	11.262	ug/l	98
18) Methyl Acetate	4.28	43	5912	1.833	ug/l #	72
20) Methylene Chloride	4.51	84	13626	4.233	ug/l	88
43) Isopropyl Acetate	8.13	43	57003	7.068	ug/l	98

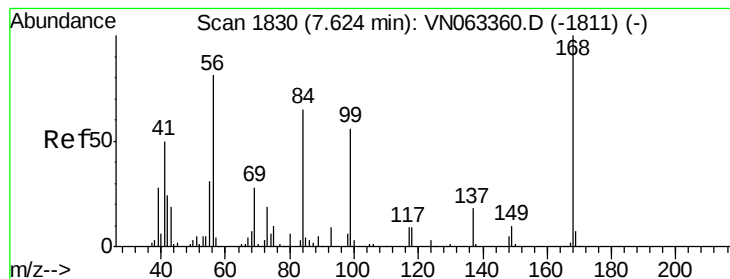
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091620\
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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: VN063396.D

Acq: 17 Sep 2020 4:39

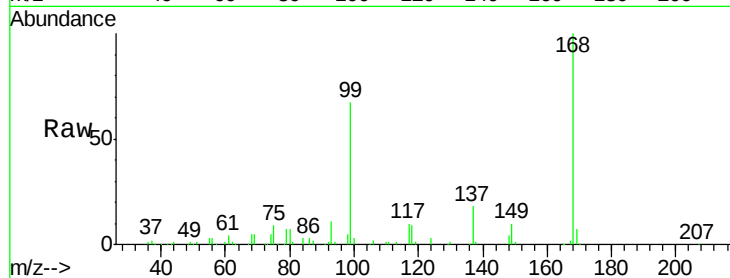
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-6E-(B-0)

Tot Ion:168 Resp: 232235

Ion Ratio Lower Upper

168 100

99 67.4 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

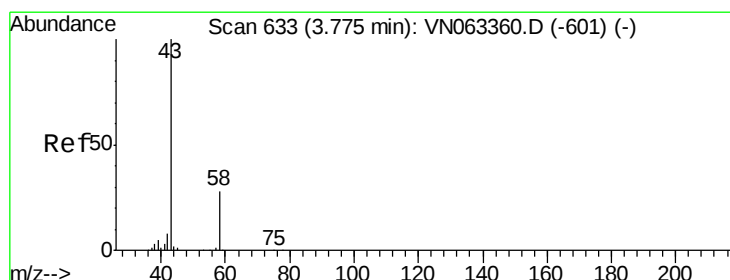
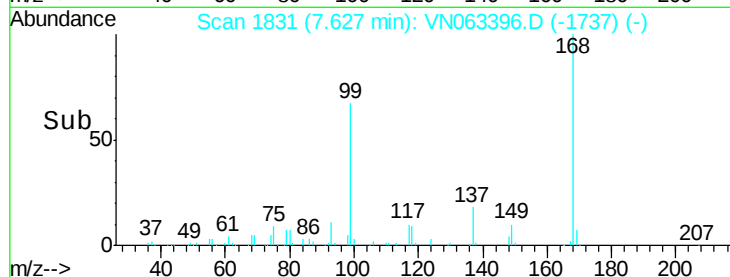
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 11.262 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063396.D

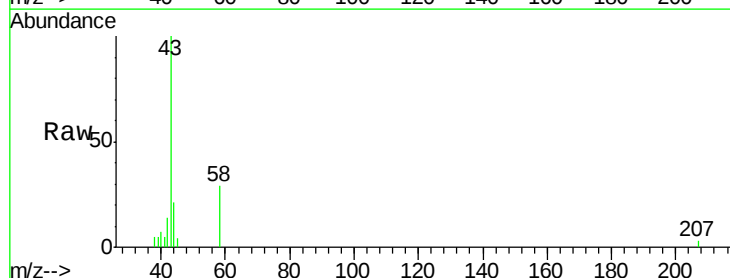
Acq: 17 Sep 2020 4:39

Tgt Ion: 43 Resp: 14309

Ion Ratio Lower Upper

43 100

58 29.1 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

5000

4000

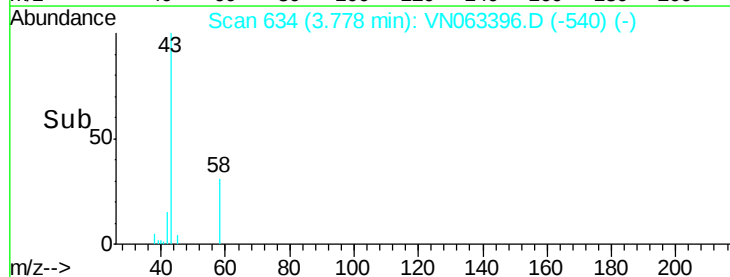
3000

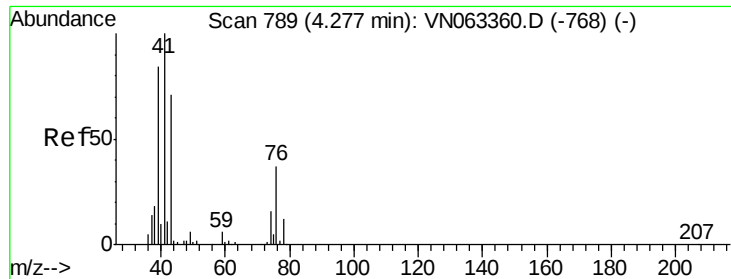
2000

1000

0

Time-->

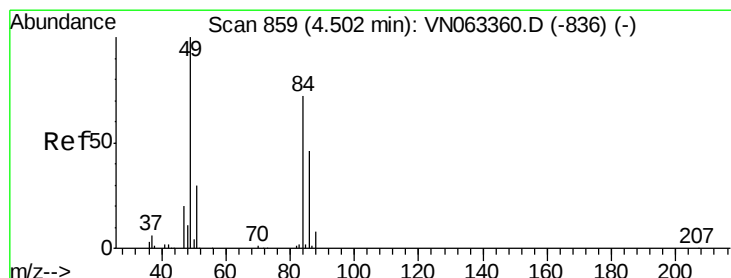
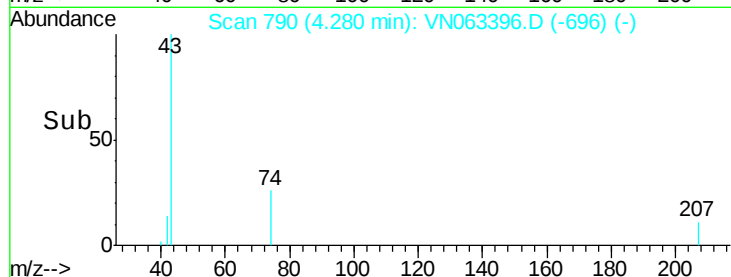
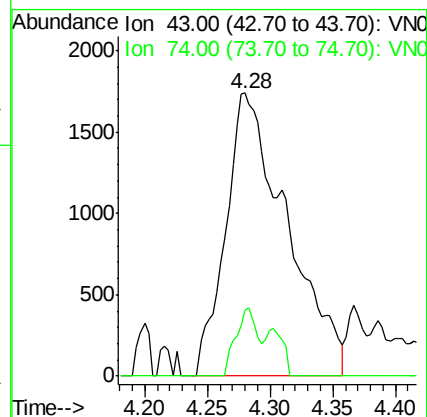
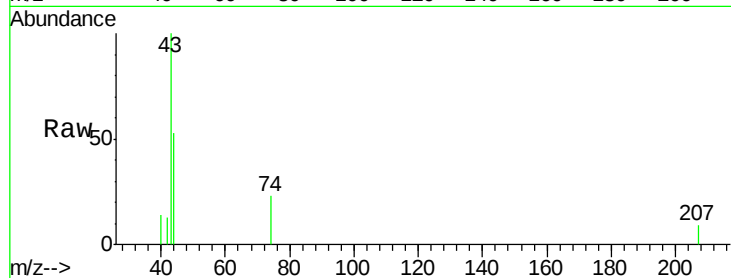




#18
Methyl Acetate
Concen: 1.833 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063396.D
Acq: 17 Sep 2020 4:39

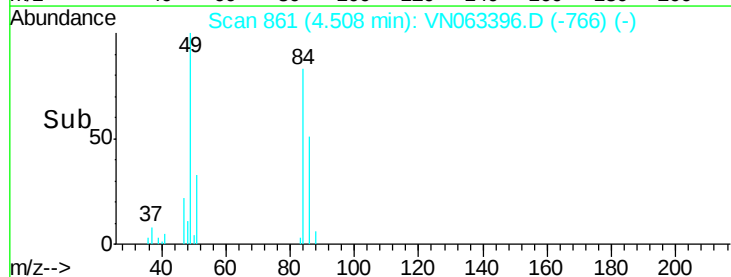
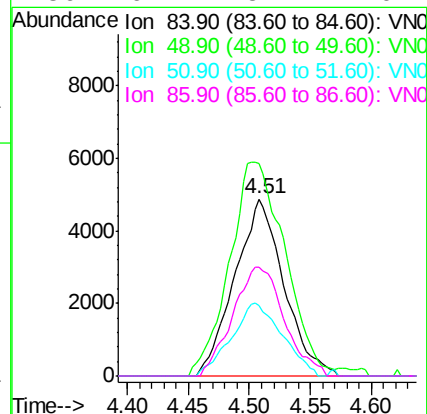
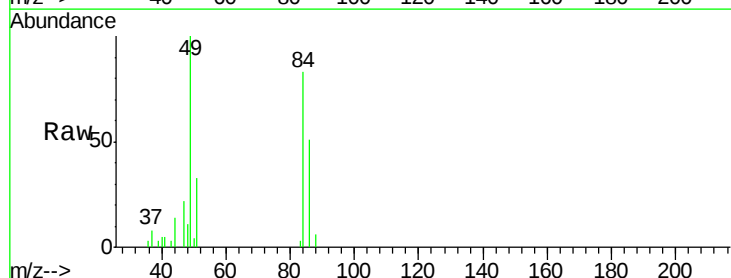
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-6E-(B-0)

Tot Ion: 43 Resp: 5912
Ion Ratio Lower Upper
43 100
74 8.3 17.4 26.2#



#20
Methylene Chloride
Concen: 4.233 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063396.D
Acq: 17 Sep 2020 4:39

Tgt Ion: 84 Resp: 13626
Ion Ratio Lower Upper
84 100
49 115.5 110.7 166.1
51 39.6 32.9 49.3
86 61.2 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 49.309 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063396.D

Acq: 17 Sep 2020 4:39

Instrument :

MSVOA_N

ClientSampleId :

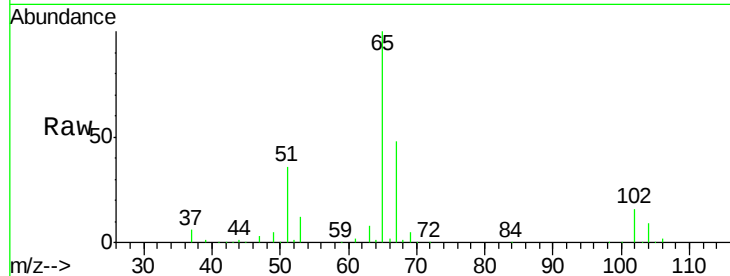
REACTOR-6E-(B-0)

Tot Ion: 65 Resp: 194929

Ion Ratio Lower Upper

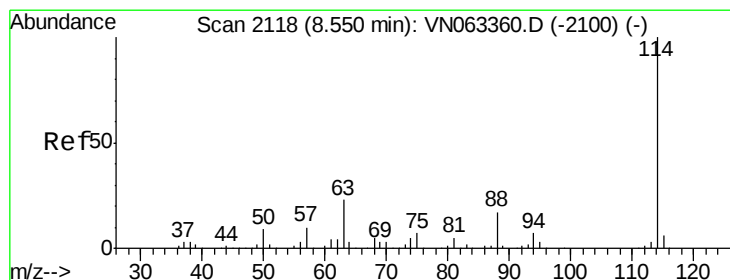
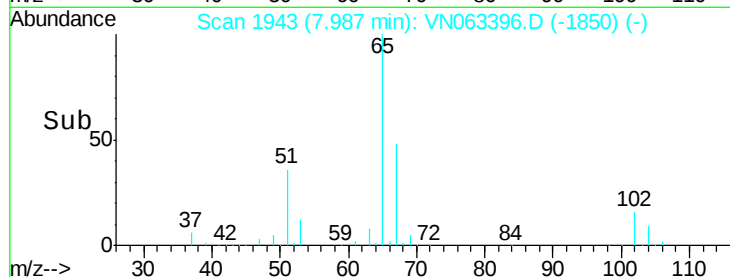
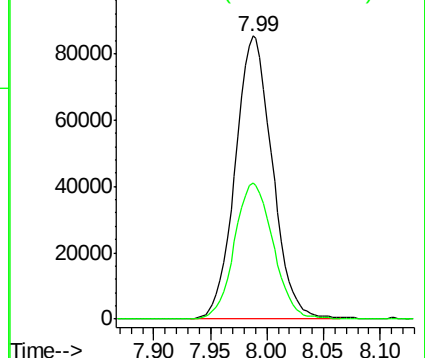
65 100

67 50.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063396.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063396.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063396.D

Acq: 17 Sep 2020 4:39

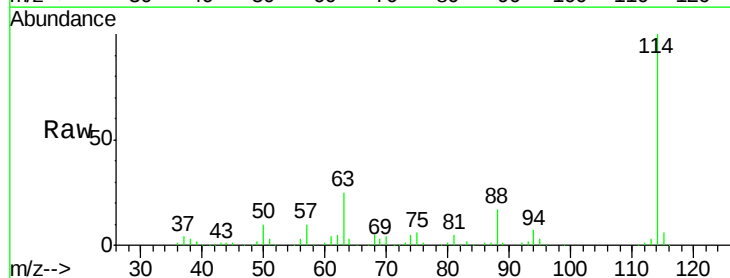
Tgt Ion: 114 Resp: 431365

Ion Ratio Lower Upper

114 100

63 24.6 0.0 46.4

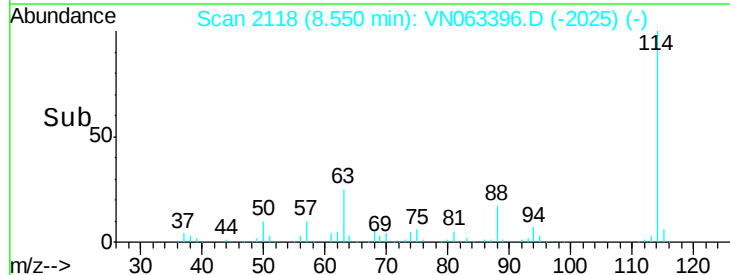
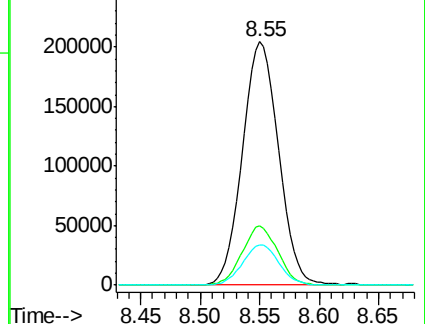
88 16.7 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063396.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063396.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063396.D (-2025) (-)





#35

Dibromofluoromethane

Concen: 47.704 ug/l

RT: 7.55 min Scan# 1807

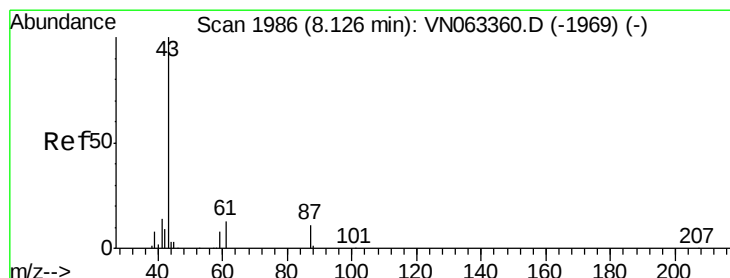
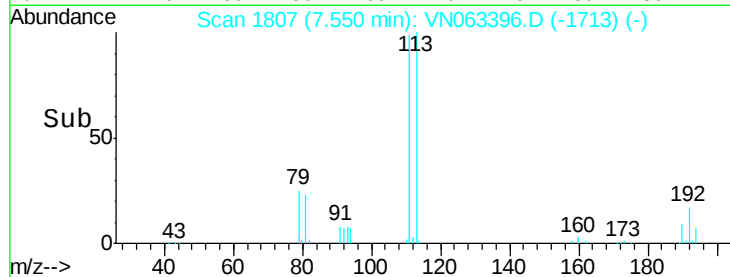
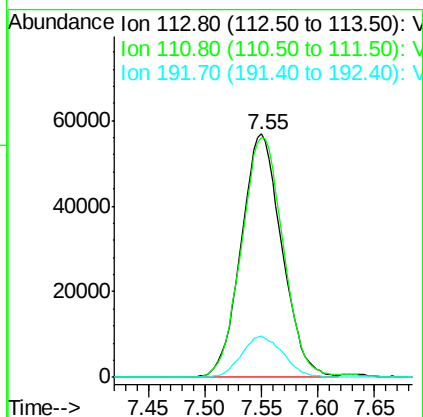
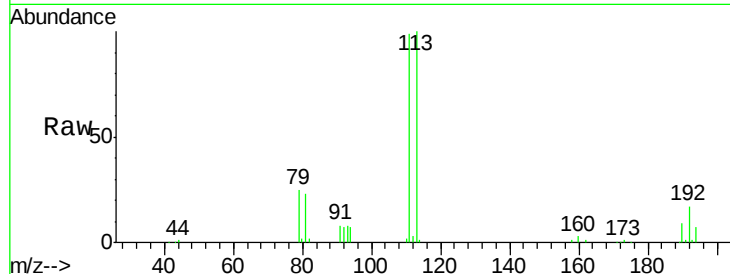
Delta R.T. 0.00 min

Lab File: VN063396.D

Acq: 17 Sep 2020 4:39

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

Tot Ion:	113	Resp:	142457
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	17.2	13.9	20.9



#43

Isopropyl Acetate

Concen: 7.068 ug/l

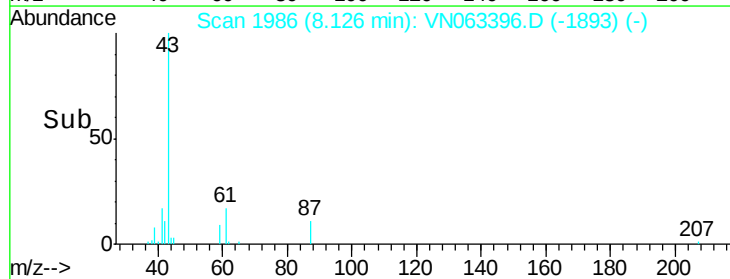
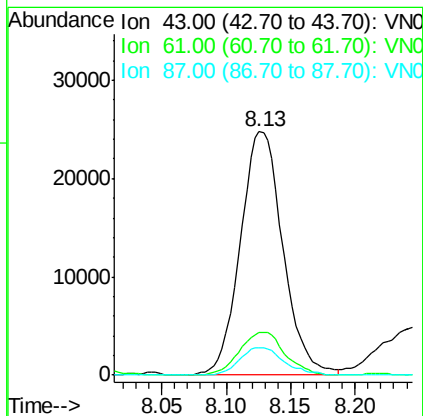
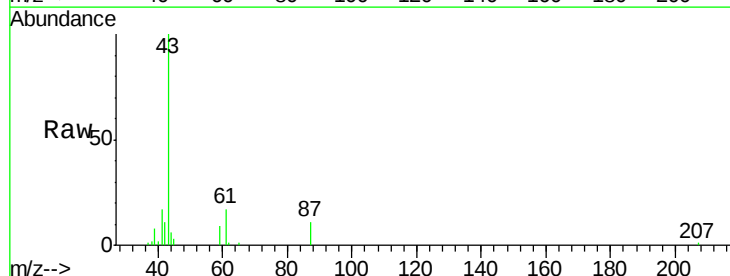
RT: 8.13 min Scan# 1986

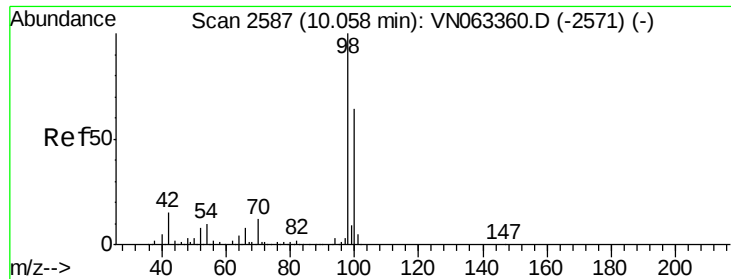
Delta R.T. -0.00 min

Lab File: VN063396.D

Acq: 17 Sep 2020 4:39

Tgt Ion:	43	Resp:	57003
Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.2	21.2
87	11.7	9.0	13.6





#50

Toluene-d8

Concen: 50.350 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063396.D

Acq: 17 Sep 2020 4:39

Instrument :

MSVOA_N

ClientSampleId :

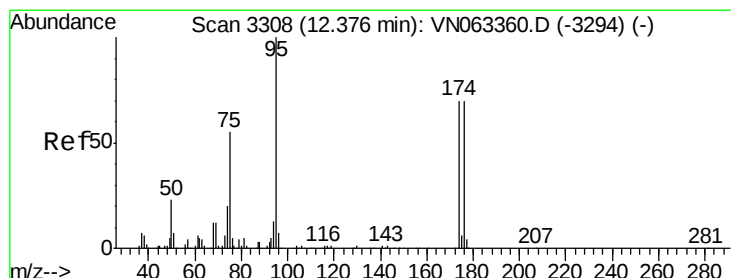
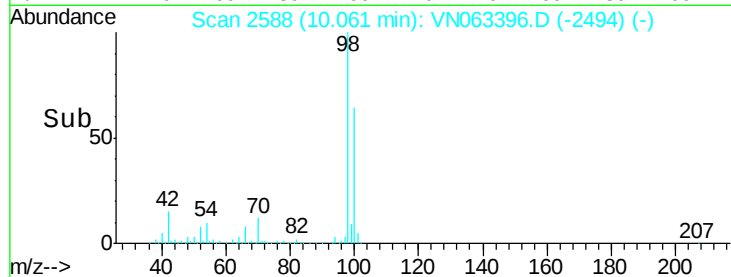
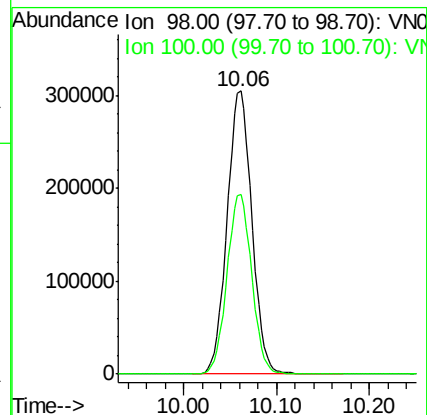
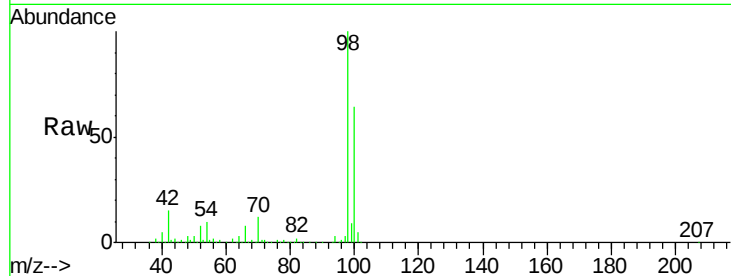
REACTOR-6E-(B-0)

Tot Ion: 98 Resp: 565370

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 54.046 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063396.D

Acq: 17 Sep 2020 4:39

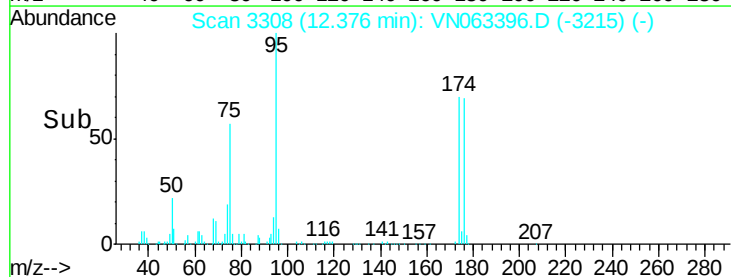
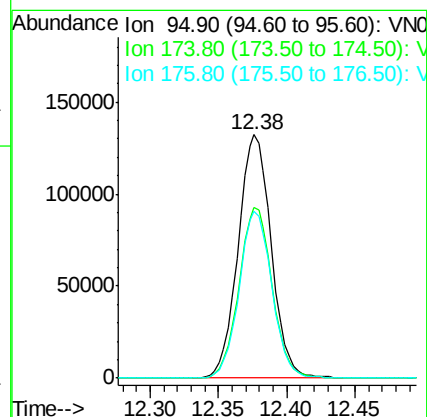
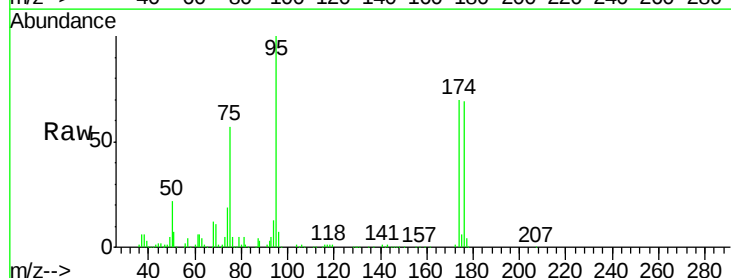
Tgt Ion: 95 Resp: 222470

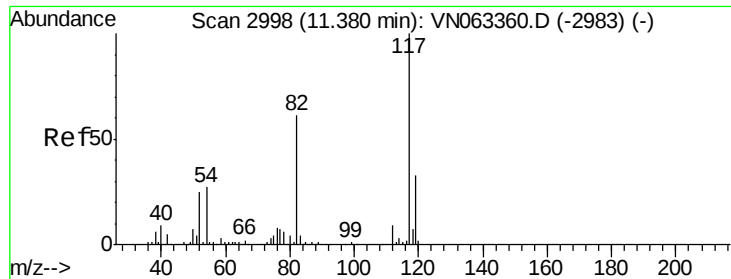
Ion Ratio Lower Upper

95 100

174 70.3 0.0 140.8

176 68.0 0.0 137.6

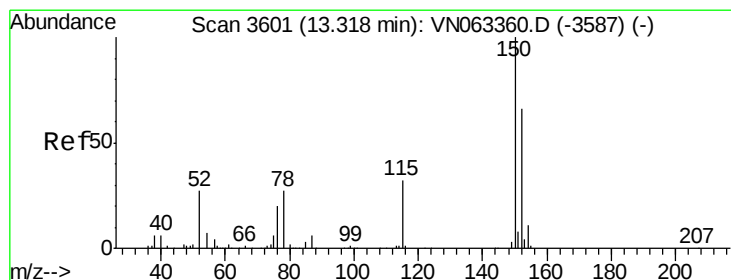
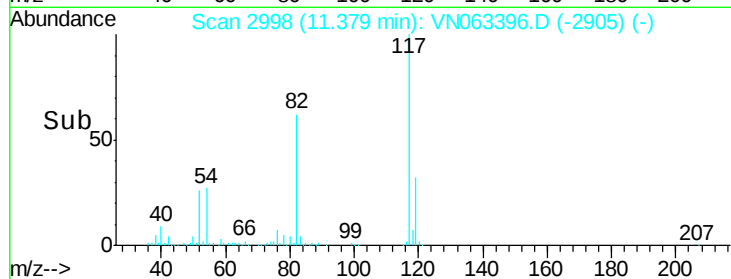
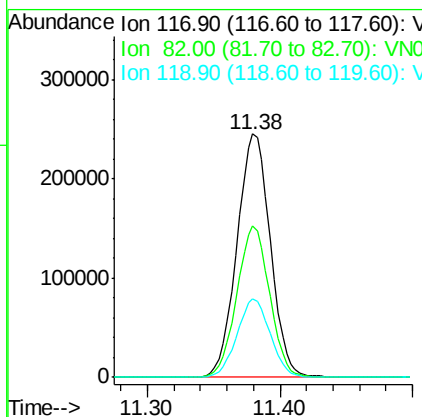
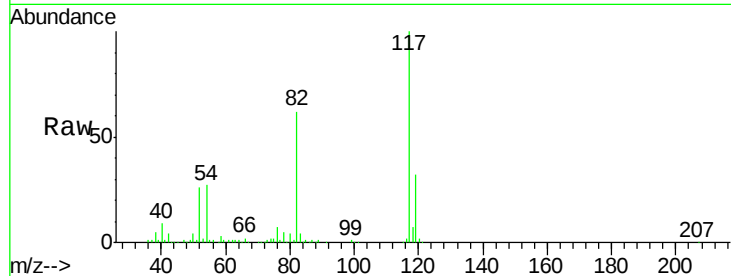




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063396.D
Acq: 17 Sep 2020 4:39

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

Tot Ion:117 Resp: 428789
Ion Ratio Lower Upper
117 100
82 62.0 49.2 73.8
119 32.1 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: VN063396.D
Acq: 17 Sep 2020 4:39

Tgt Ion:152 Resp: 184538
Ion Ratio Lower Upper
152 100
115 63.6 32.2 96.6
150 155.5 0.0 343.4

