

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063395.D
 Acq On : 17 Sep 2020 4:15
 Operator : JC/MD
 Sample : L4015-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

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

Quant Time: Sep 17 05:33:00 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

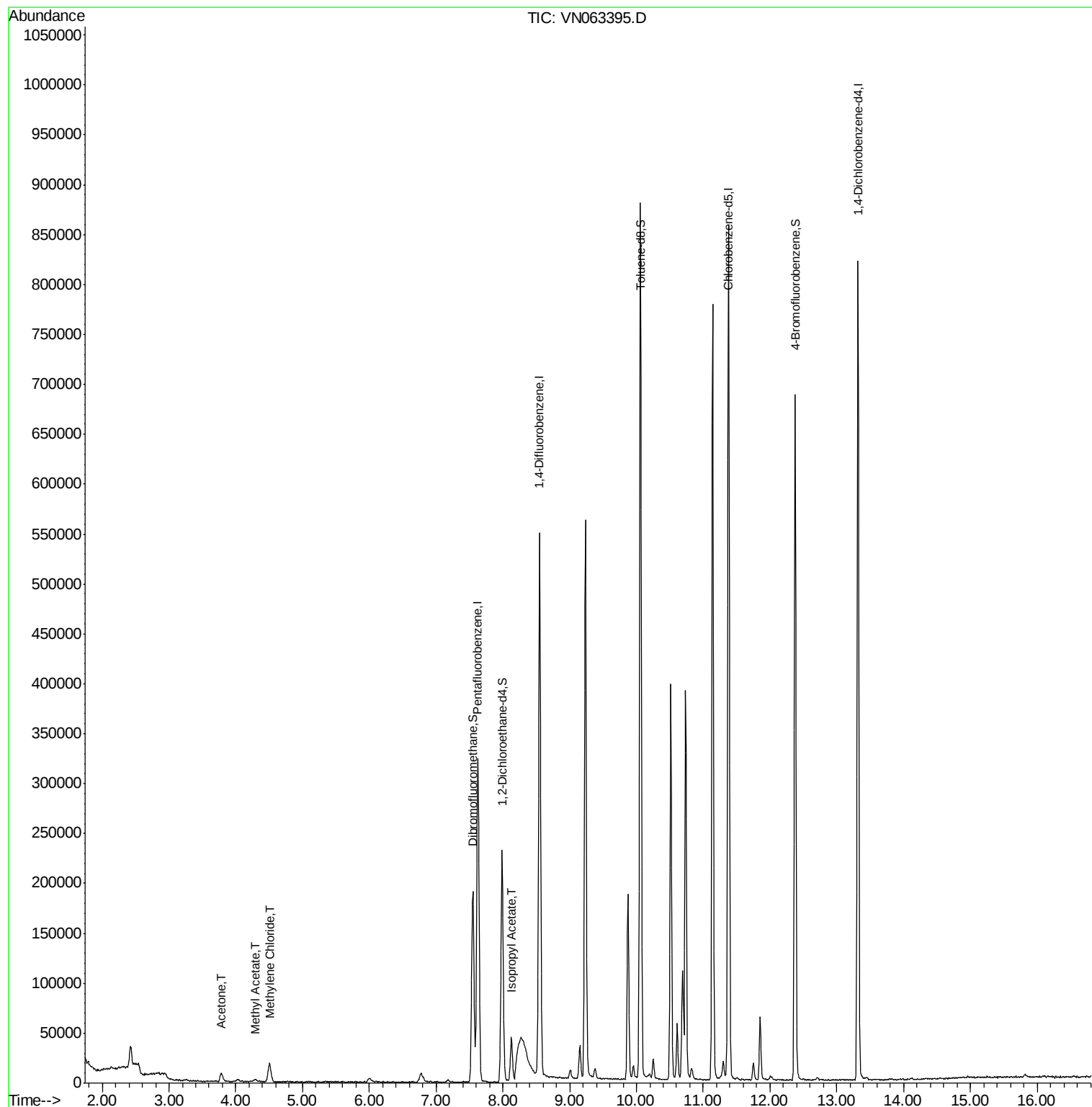
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	450376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	447991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	200267	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
35) Dibromofluoromethane	7.55	113	145735	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
50) Toluene-d8	10.06	98	586722	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.38	95	230331	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
Target Compounds						
16) Acetone	3.78	43	14810	11.226	ug/l	98
18) Methyl Acetate	4.28	43	5487	1.638	ug/l #	81
20) Methylene Chloride	4.50	84	12571	3.761	ug/l	90
43) Isopropyl Acetate	8.13	43	53808	6.390	ug/l	99

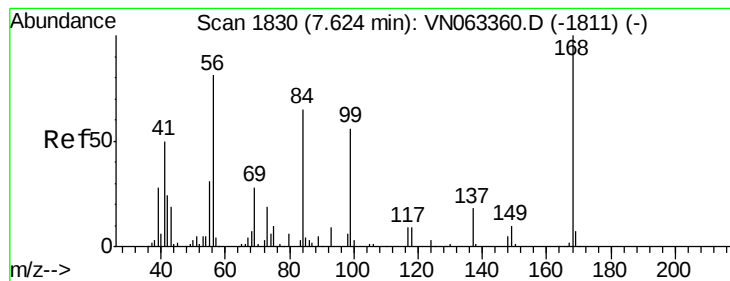
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091620\
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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: VN063395.D

Acq: 17 Sep 2020 4:15

Instrument :

MSVOA_N

ClientSampleId :

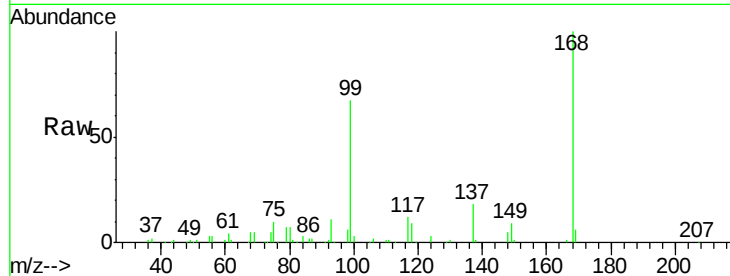
REACTOR-6E-(A-0)

Tot Ion:168 Resp: 241151

Ion Ratio Lower Upper

168 100

99 67.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

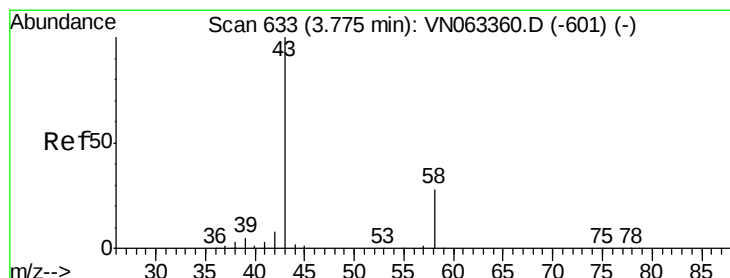
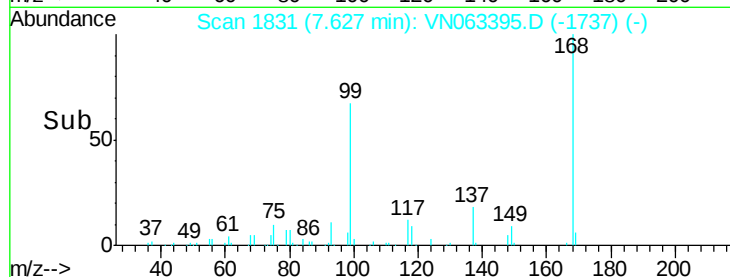
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.226 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063395.D

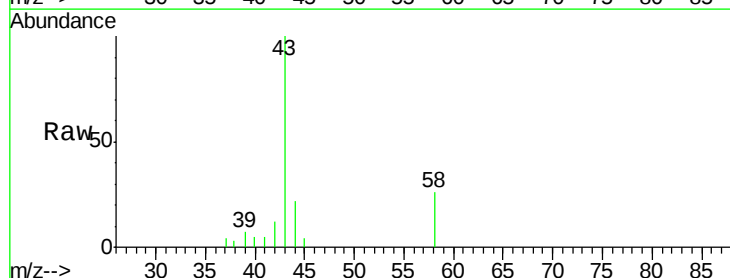
Acq: 17 Sep 2020 4:15

Tgt Ion: 43 Resp: 14810

Ion Ratio Lower Upper

43 100

58 26.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

6000

5000

4000

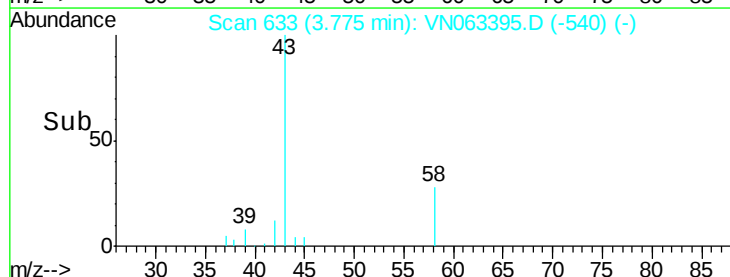
3000

2000

1000

0

Time--> 3.70 3.75 3.80 3.85

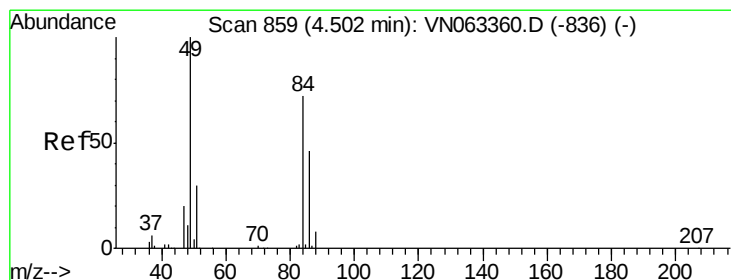
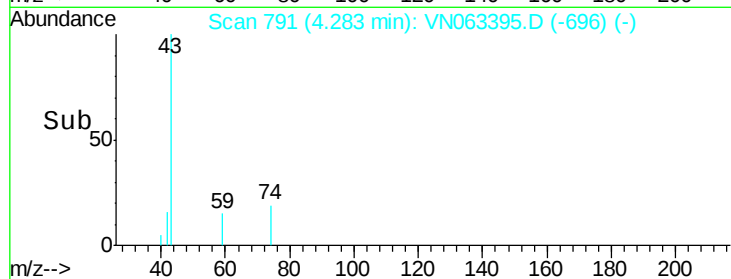
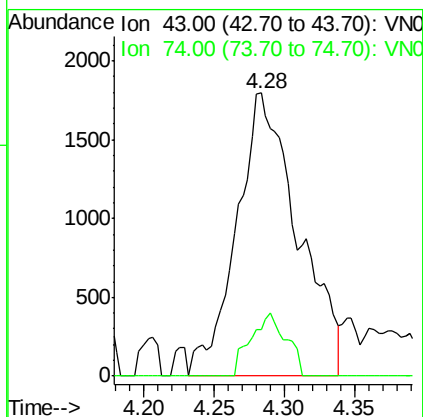
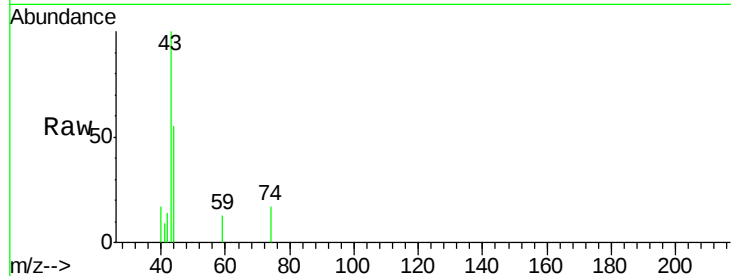




#18
Methyl Acetate
Concen: 1.638 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN063395.D
Acq: 17 Sep 2020 4:15

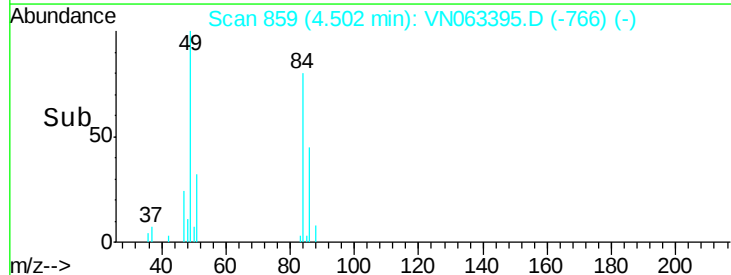
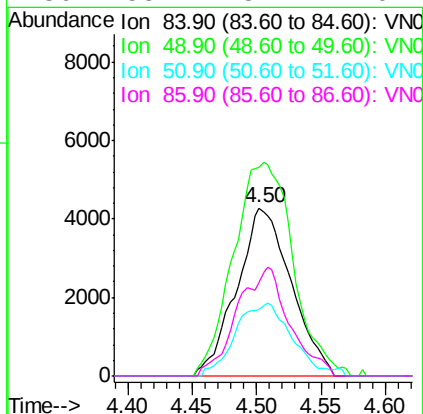
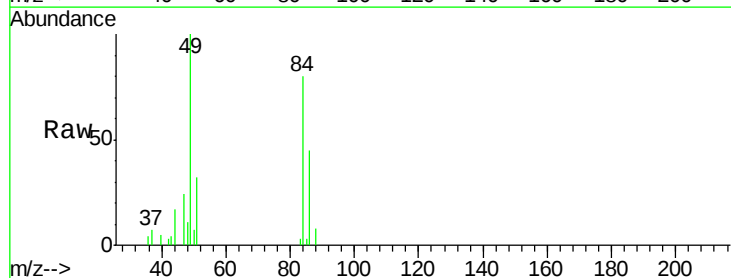
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-6E-(A-0)

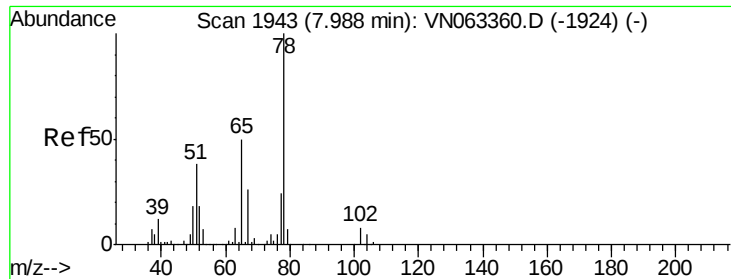
Tot Ion: 43 Resp: 5487
Ion Ratio Lower Upper
43 100
74 12.8 17.4 26.2#



#20
Methylene Chloride
Concen: 3.761 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063395.D
Acq: 17 Sep 2020 4:15

Tgt Ion: 84 Resp: 12571
Ion Ratio Lower Upper
84 100
49 124.3 110.7 166.1
51 39.9 32.9 49.3
86 55.7 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 48.786 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063395.D

Acq: 17 Sep 2020 4:15

Instrument :

MSVOA_N

ClientSampleId :

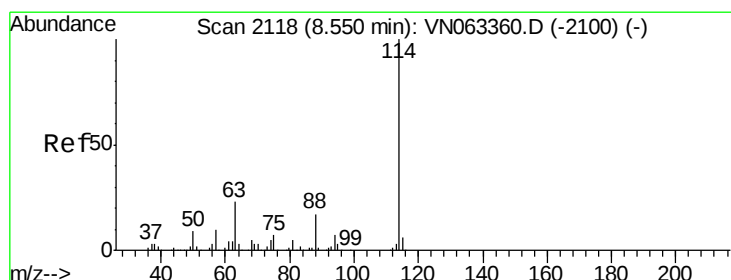
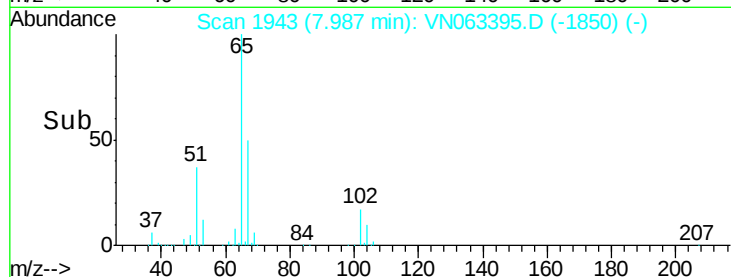
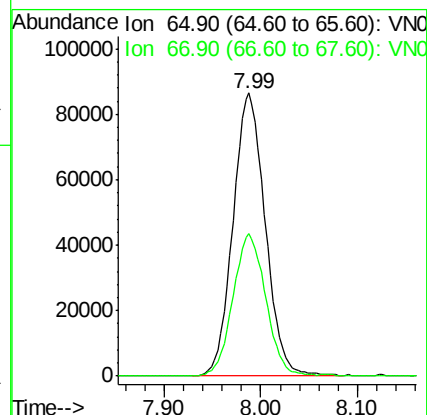
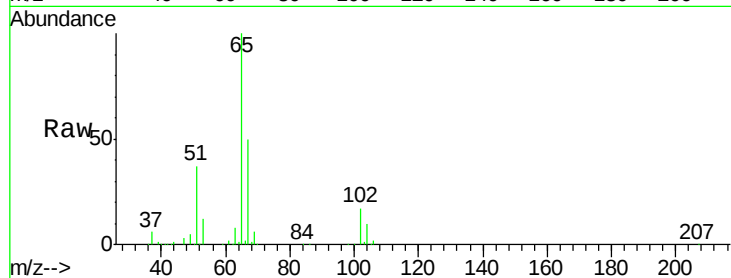
REACTOR-6E-(A-0)

Tot Ion: 65 Resp: 200267

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063395.D

Acq: 17 Sep 2020 4:15

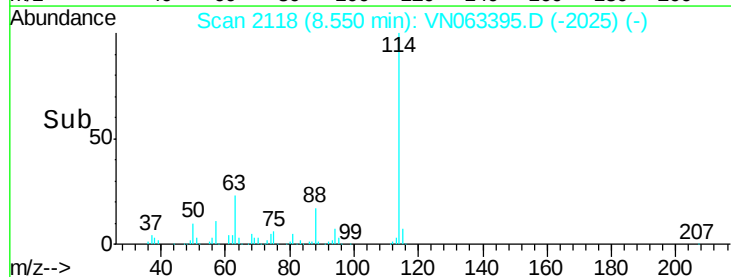
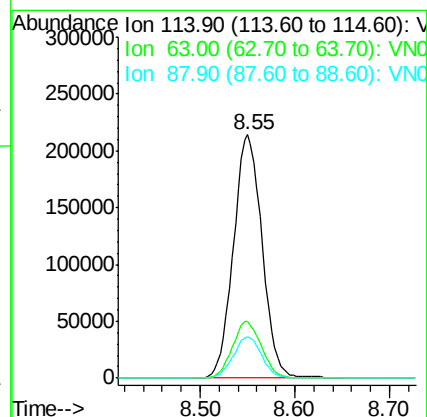
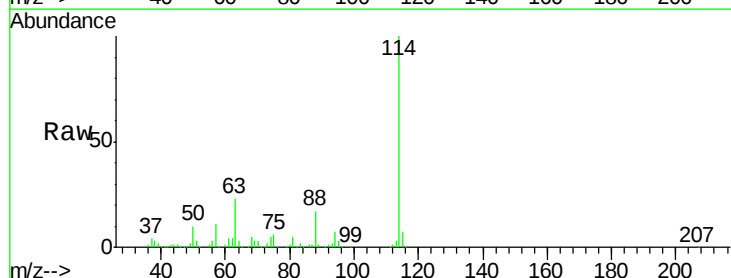
Tgt Ion: 114 Resp: 450376

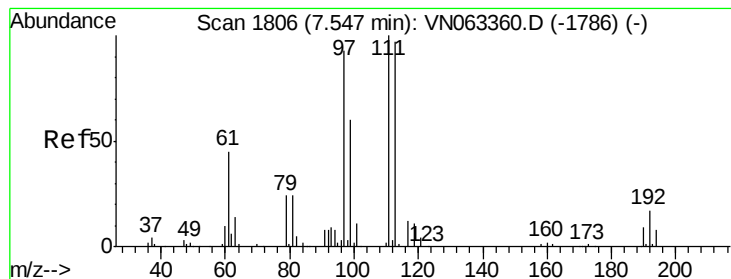
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.4

88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.742 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063395.D

Acq: 17 Sep 2020 4:15

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

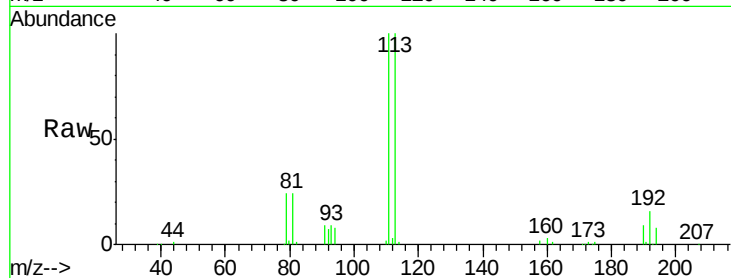
Tot Ion:113 Resp: 145735

Ion Ratio Lower Upper

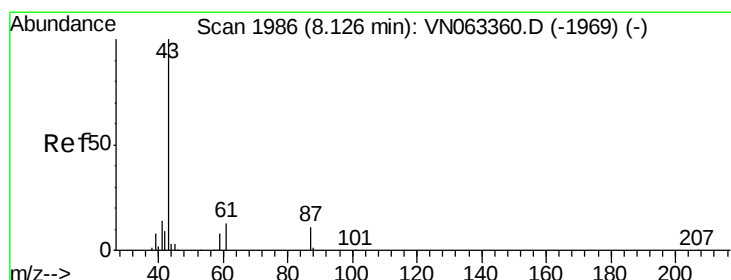
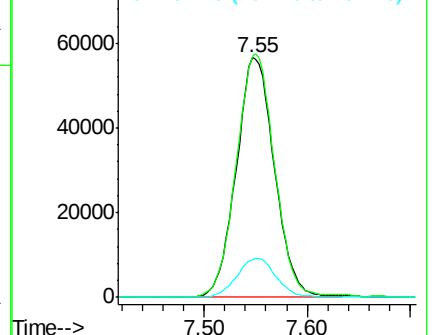
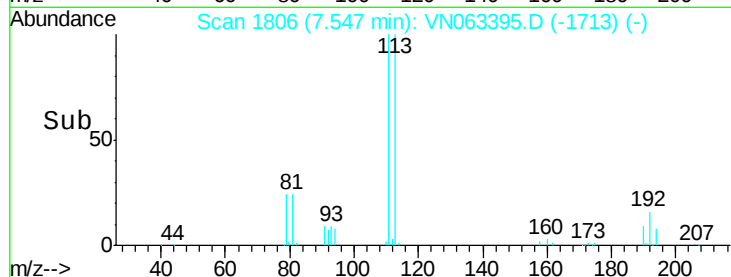
113 100

111 101.4 82.9 124.3

192 16.6 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: 6.390 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063395.D

Acq: 17 Sep 2020 4:15

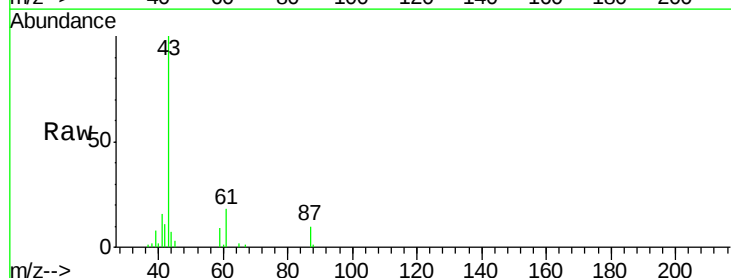
Tgt Ion: 43 Resp: 53808

Ion Ratio Lower Upper

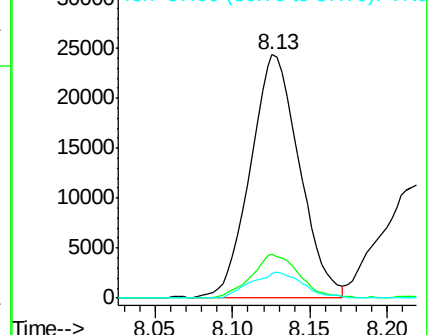
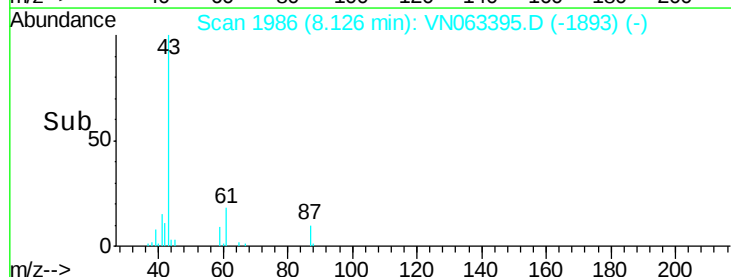
43 100

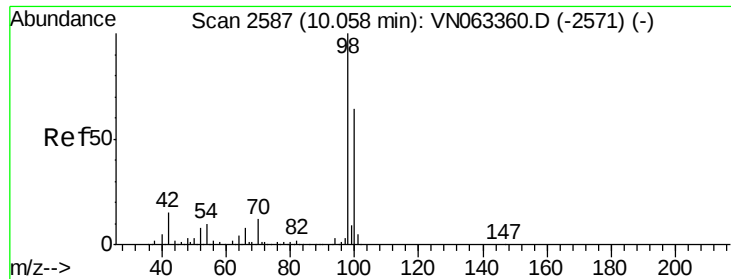
61 17.4 14.2 21.2

87 11.2 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: 50.046 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063395.D

Acq: 17 Sep 2020 4:15

Instrument :

MSVOA_N

ClientSampleId :

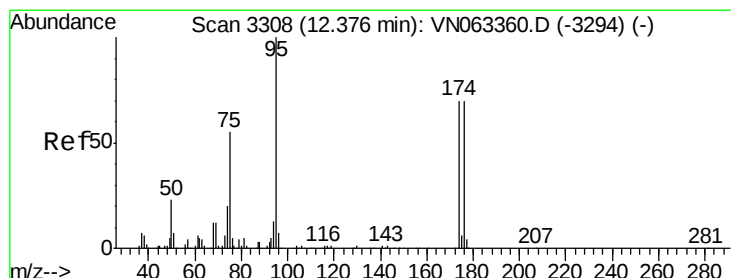
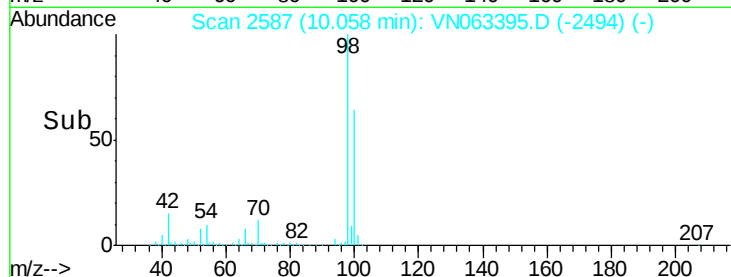
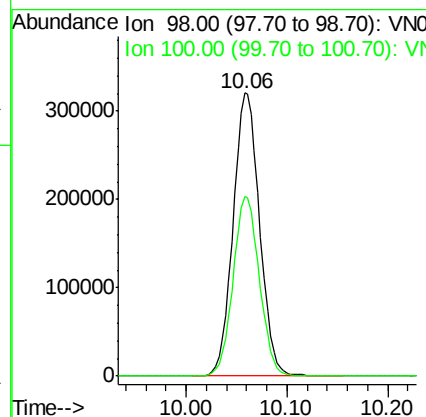
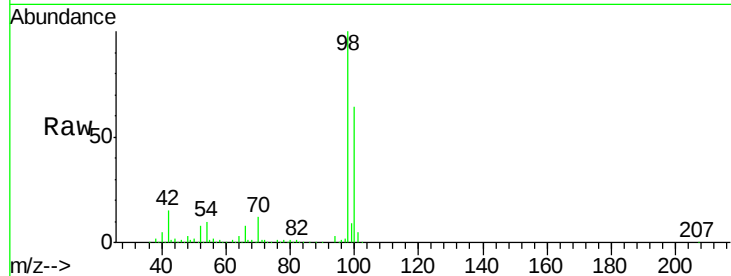
REACTOR-6E-(A-0)

Tot Ion: 98 Resp: 586722

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 53.594 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063395.D

Acq: 17 Sep 2020 4:15

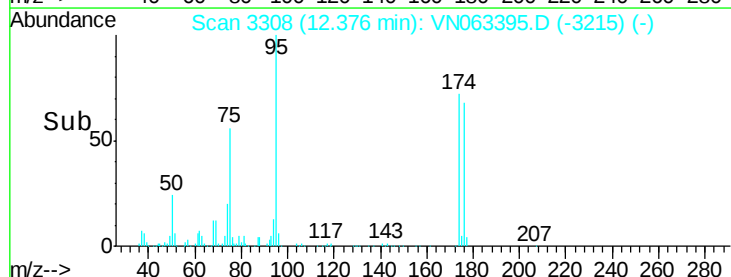
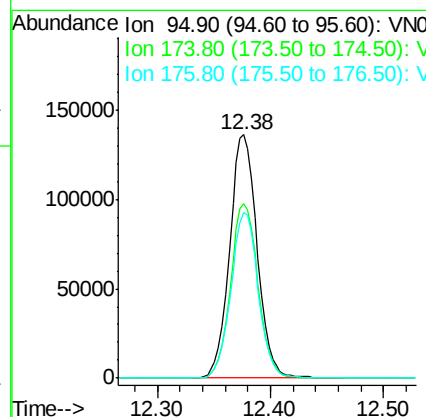
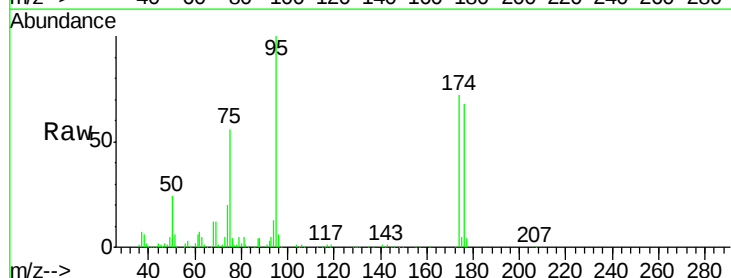
Tgt Ion: 95 Resp: 230331

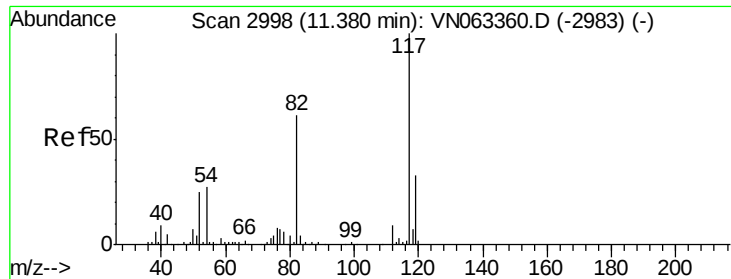
Ion Ratio Lower Upper

95 100

174 71.8 0.0 140.8

176 67.5 0.0 137.6

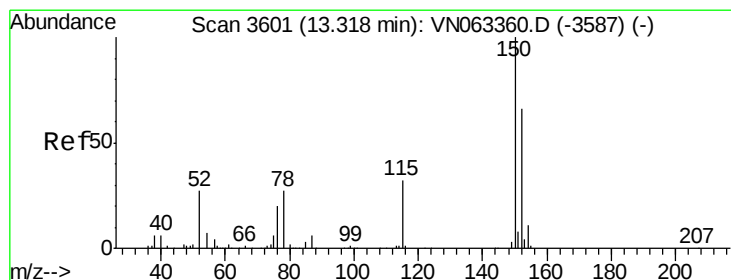
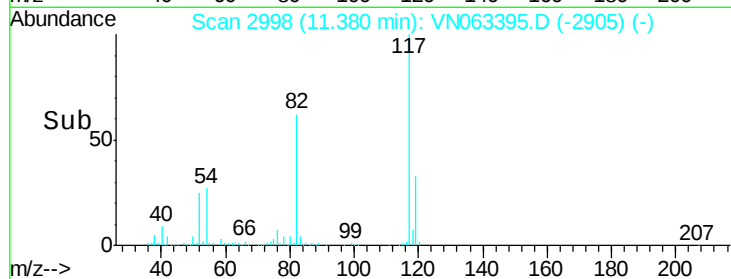
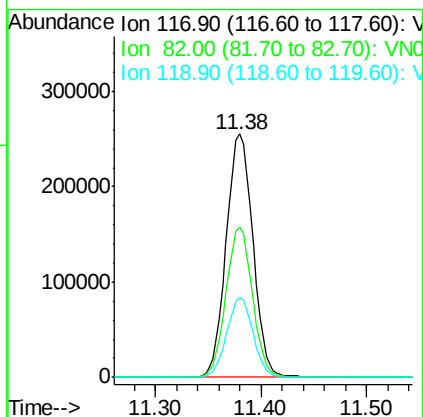
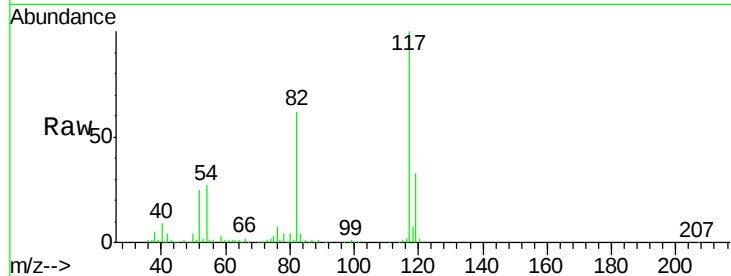




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063395.D
Acq: 17 Sep 2020 4:15

Instrument :
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ClientSampleId :
REACTOR-6E-(A-0)

Tot Ion:117 Resp: 447991
Ion Ratio Lower Upper
117 100
82 61.8 49.2 73.8
119 32.7 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: VN063395.D
Acq: 17 Sep 2020 4:15

Tgt Ion:152 Resp: 196633
Ion Ratio Lower Upper
152 100
115 63.9 32.2 96.6
150 157.6 0.0 343.4

