

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063402.D
 Acq On : 17 Sep 2020 7:03
 Operator : JC/MD
 Sample : L4015-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-6E-(D-4)

Quant Time: Sep 17 07:32:16 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

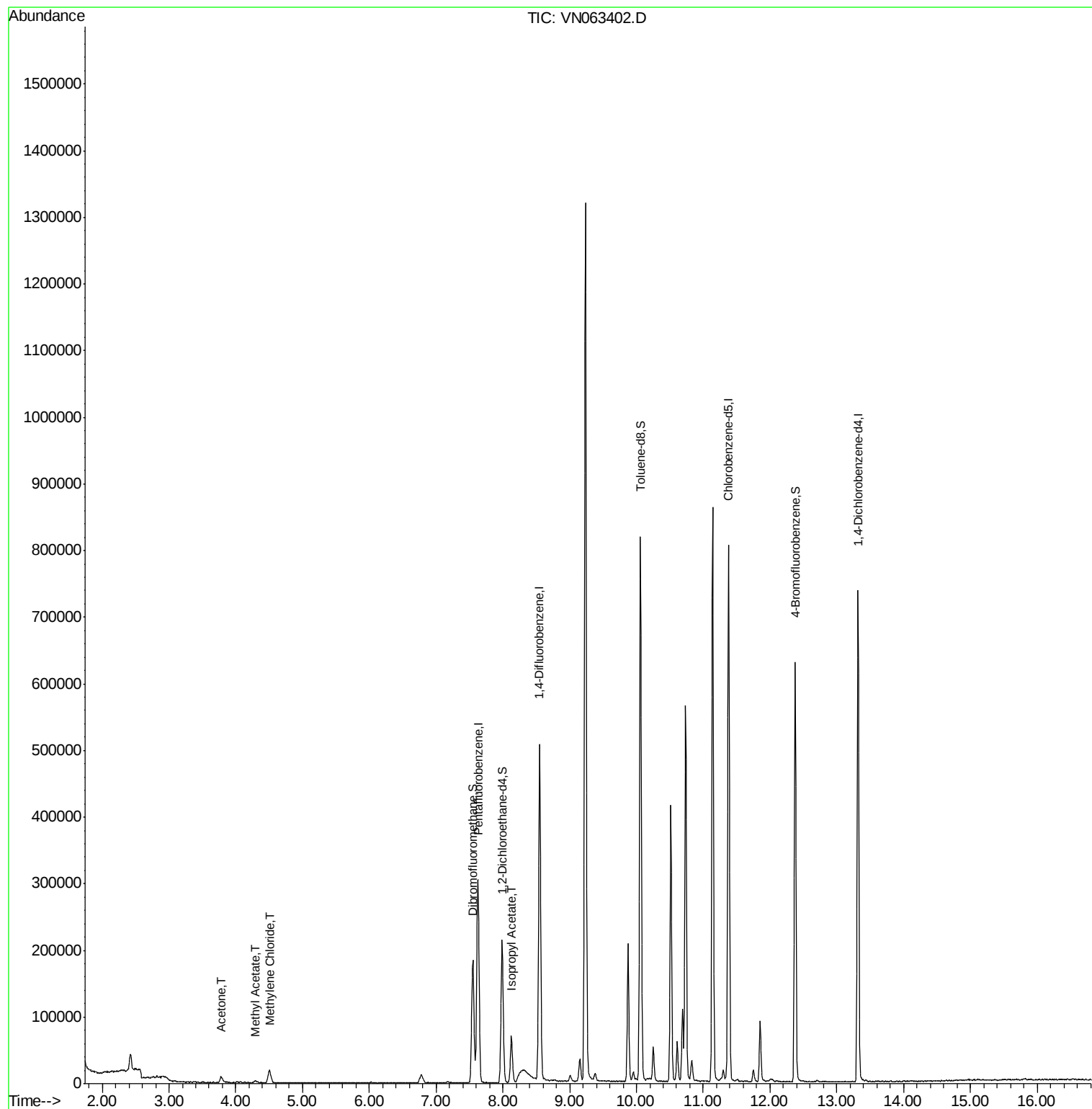
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	224890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186845	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	7.55	113	135977	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	10.06	98	539022	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.38	95	213547	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
Target Compounds						
16) Acetone	3.78	43	15737	12.791	ug/l	96
18) Methyl Acetate	4.30	43	5874	1.881	ug/l #	70
20) Methylene Chloride	4.50	84	13381	4.293	ug/l	96
43) Isopropyl Acetate	8.13	43	84461	10.808	ug/l	99

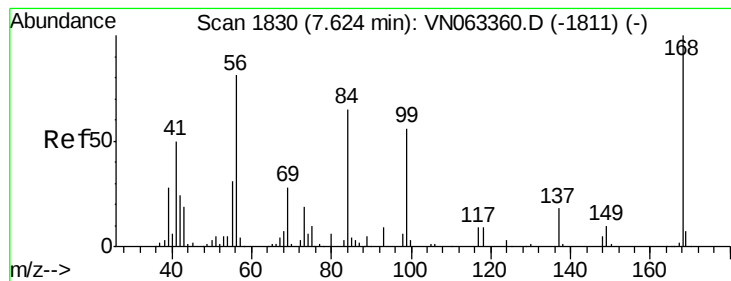
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063402.D

Acq: 17 Sep 2020 7:03

Instrument :

MSVOA_N

ClientSampleId :

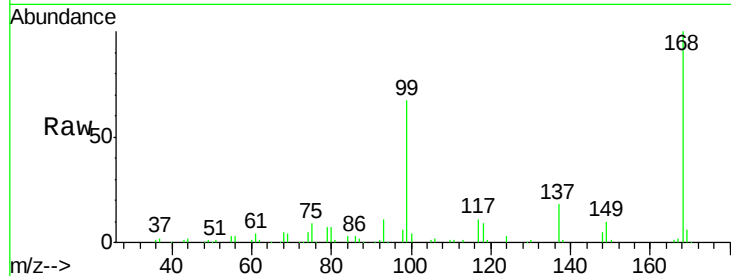
REACTOR-6E-(D-4)

Tot Ion:168 Resp: 224890

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

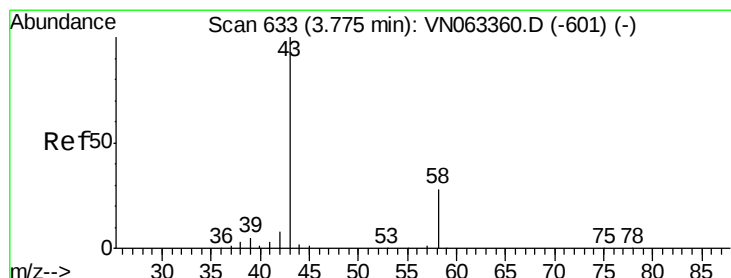
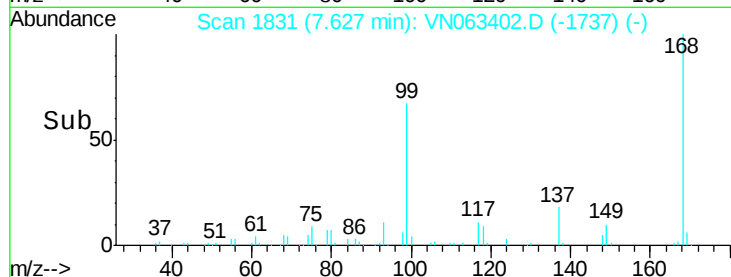
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 12.791 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063402.D

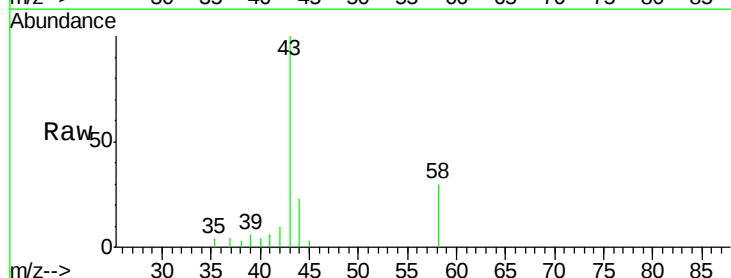
Acq: 17 Sep 2020 7:03

Tgt Ion: 43 Resp: 15737

Ion Ratio Lower Upper

43 100

58 30.2 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

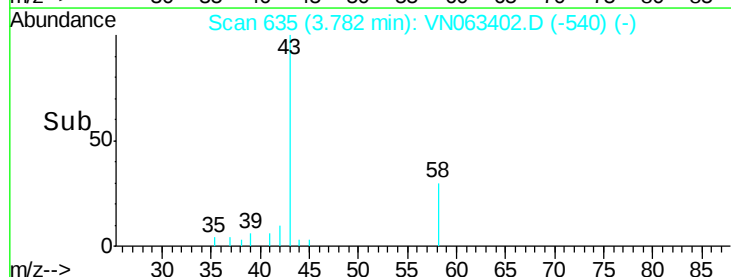
3000

2000

1000

0

Time-->

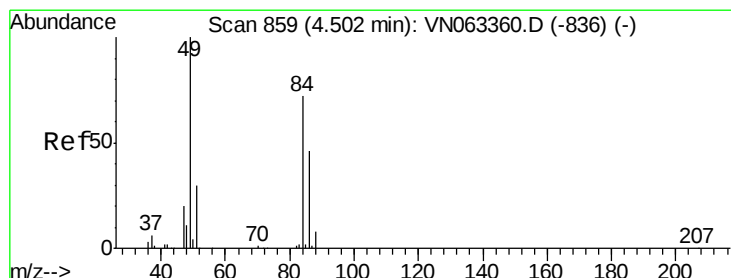
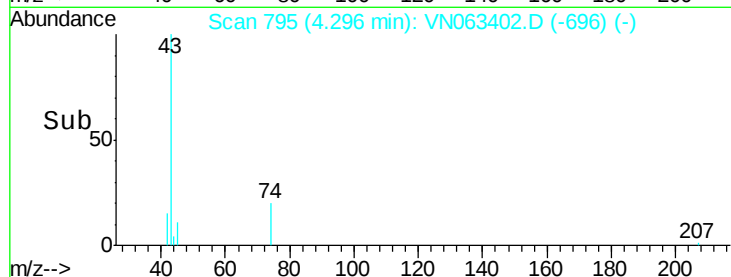
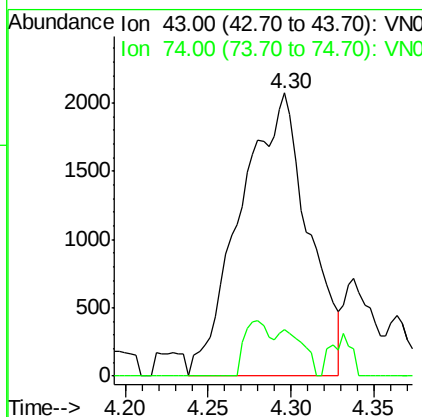
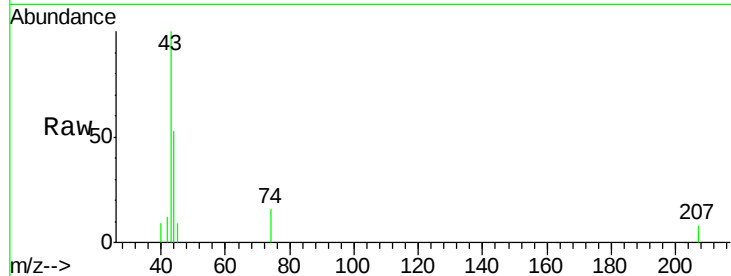




#18
Methyl Acetate
Concen: 1.881 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN063402.D
Acq: 17 Sep 2020 7:03

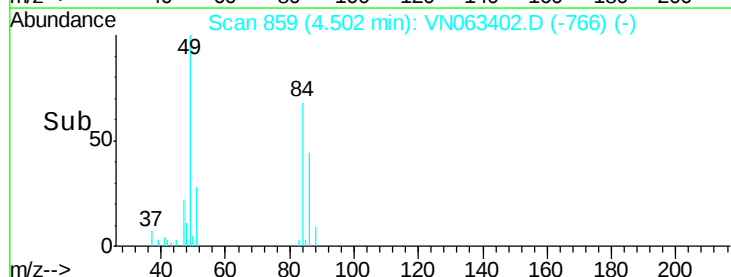
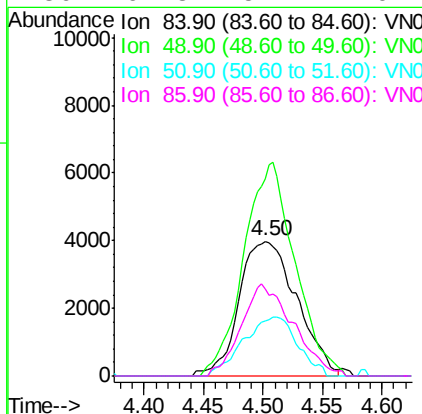
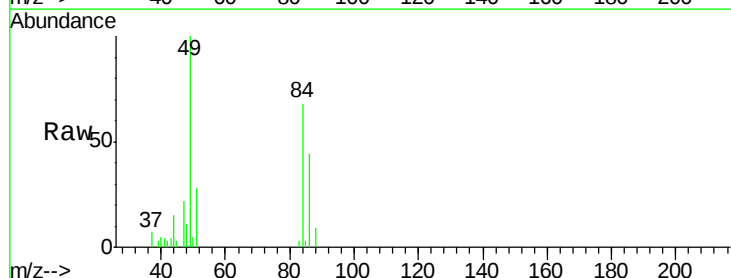
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-6E-(D-4)

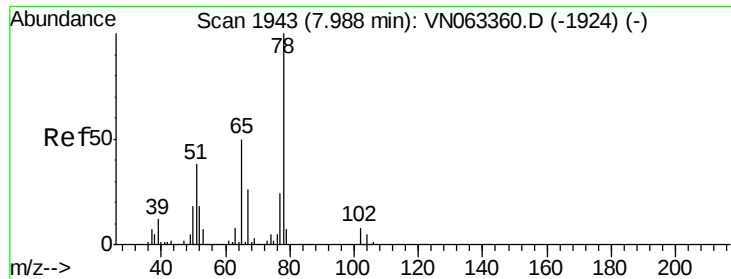
Tot Ion: 43 Resp: 5874
Ion Ratio Lower Upper
43 100
74 7.6 17.4 26.2#



#20
Methylene Chloride
Concen: 4.293 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063402.D
Acq: 17 Sep 2020 7:03

Tgt Ion: 84 Resp: 13381
Ion Ratio Lower Upper
84 100
49 146.7 110.7 166.1
51 41.1 32.9 49.3
86 64.8 51.1 76.7

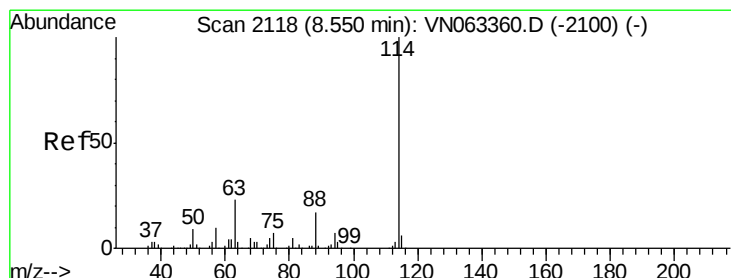
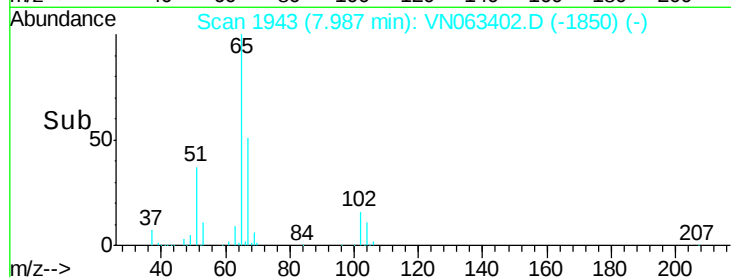
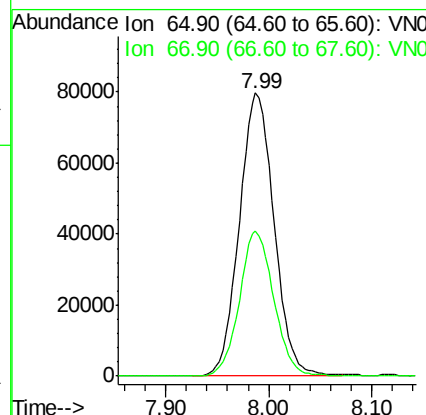
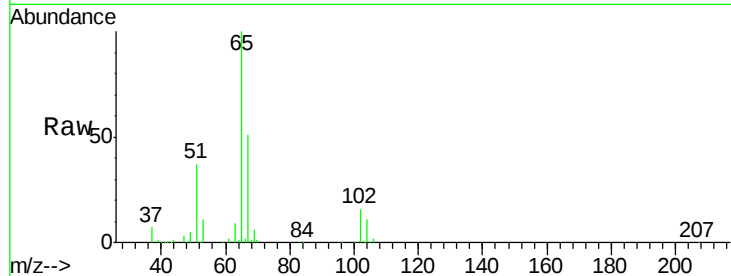




#33
 1,2-Dichloroethane-d4
 Concen: 48.807 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063402.D
 Acq: 17 Sep 2020 7:03

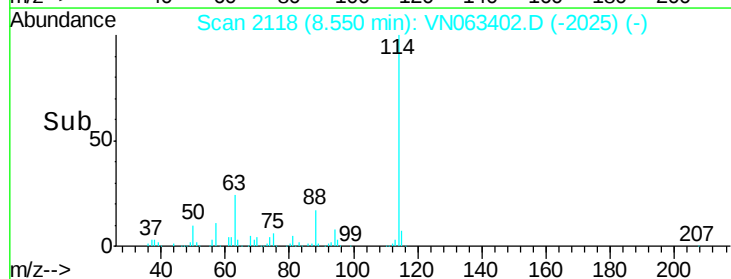
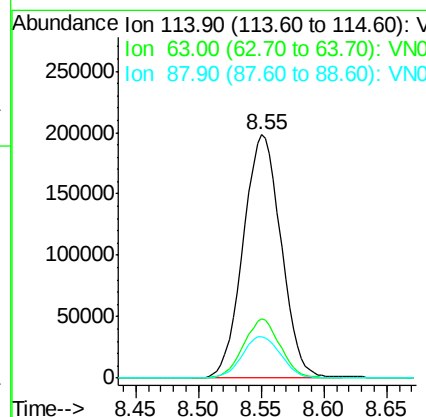
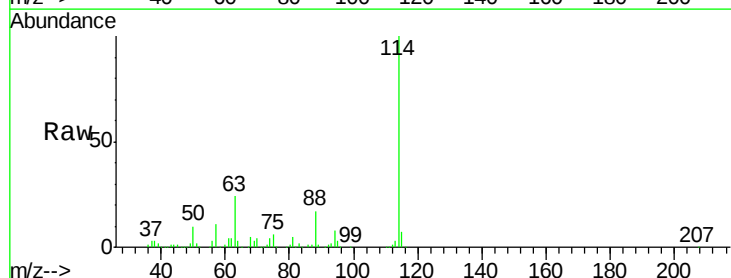
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-6E-(D-4)

Tot Ion: 65 Resp: 186845
 Ion Ratio Lower Upper
 65 100
 67 50.2 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: VN063402.D
 Acq: 17 Sep 2020 7:03

Tgt Ion: 114 Resp: 417968
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.4
 88 17.0 0.0 33.2

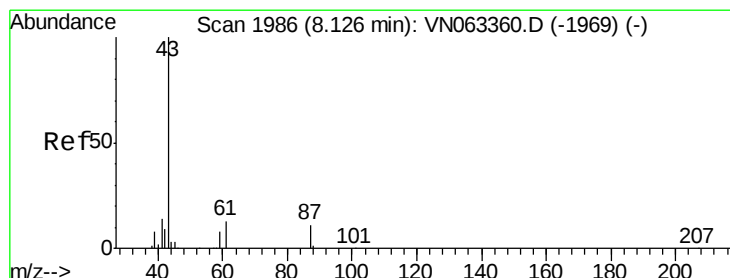
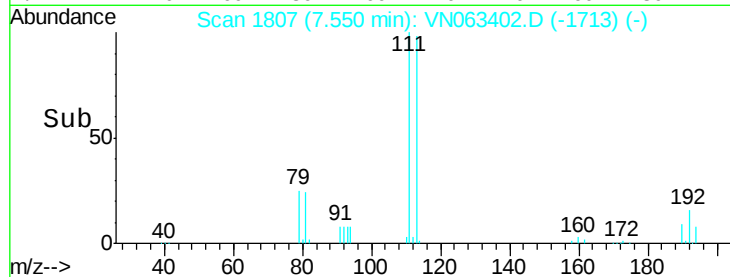
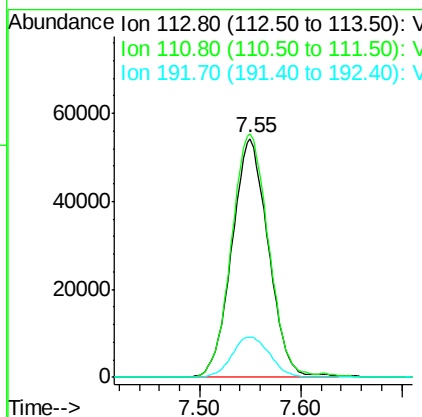
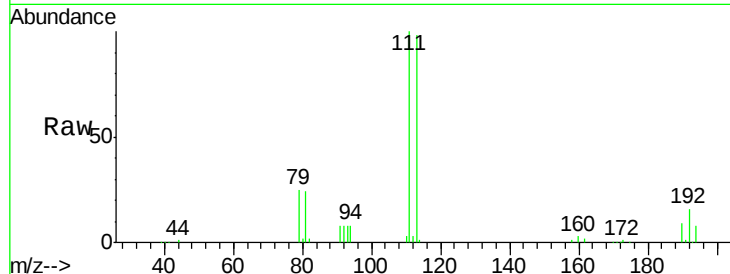




#35
 Dibromofluoromethane
 Concen: 46.994 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063402.D
 Acq: 17 Sep 2020 7:03

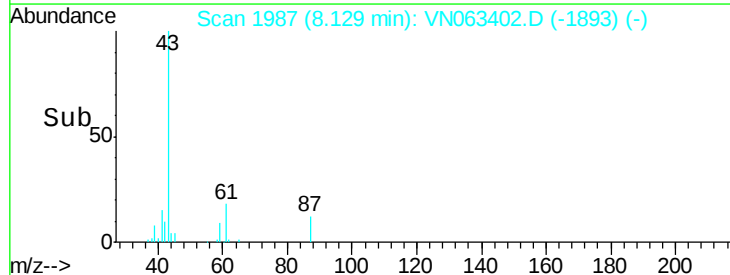
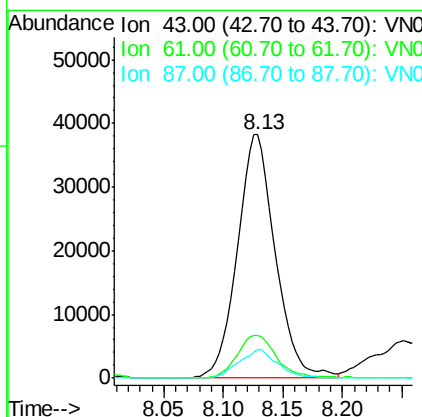
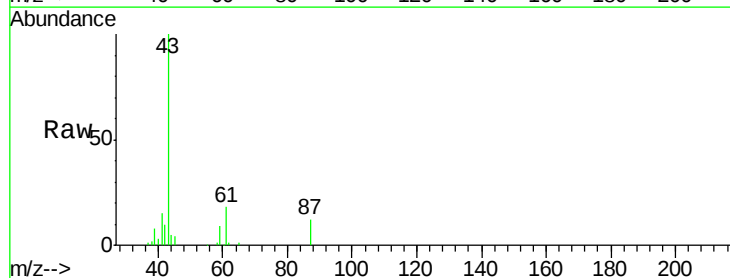
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-6E-(D-4)

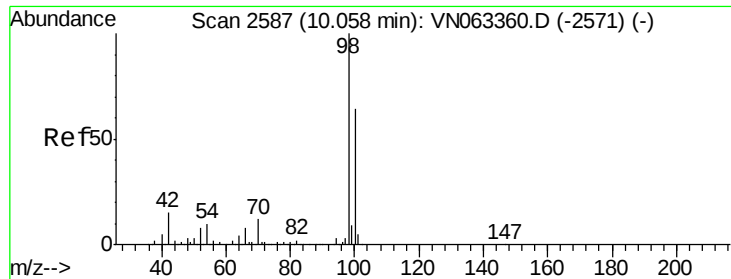
Tot Ion:113 Resp: 135977
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.9 124.3
 192 17.5 13.9 20.9



#43
 Isopropyl Acetate
 Concen: 10.808 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063402.D
 Acq: 17 Sep 2020 7:03

Tgt Ion: 43 Resp: 84461
 Ion Ratio Lower Upper
 43 100
 61 17.9 14.2 21.2
 87 11.8 9.0 13.6





#50

Toluene-d8

Concen: 49.542 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063402.D

Acq: 17 Sep 2020 7:03

Instrument :

MSVOA_N

ClientSampleId :

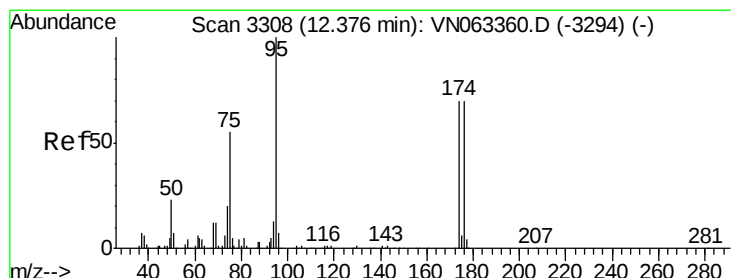
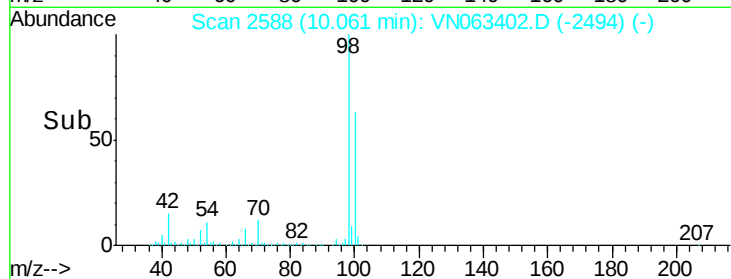
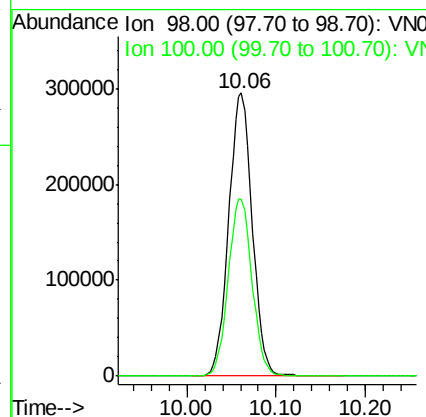
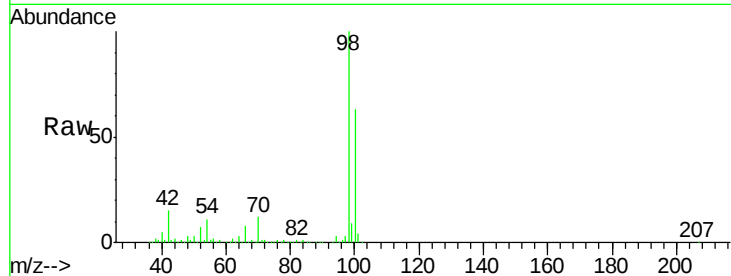
REACTOR-6E-(D-4)

Tot Ion: 98 Resp: 539022

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 53.541 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063402.D

Acq: 17 Sep 2020 7:03

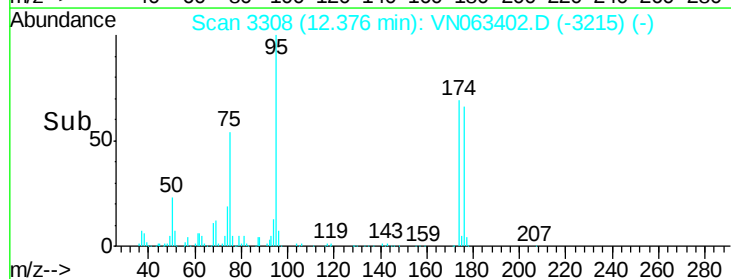
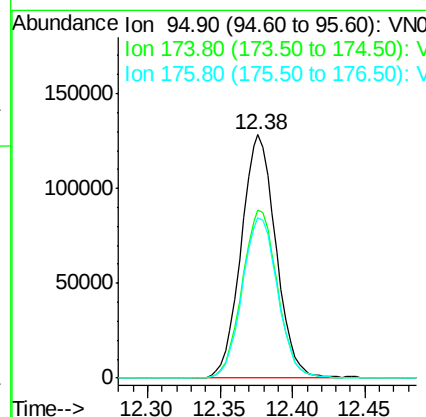
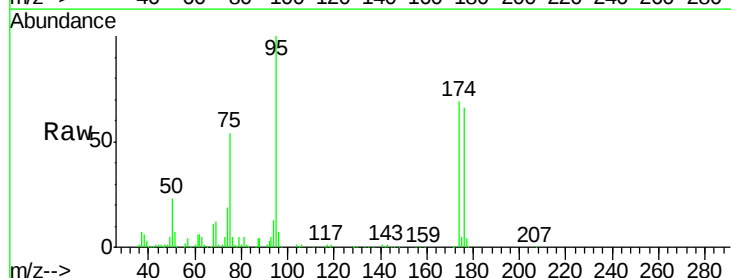
Tgt Ion: 95 Resp: 213547

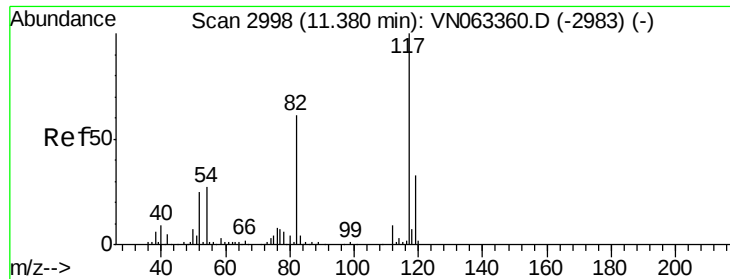
Ion Ratio Lower Upper

95 100

174 70.1 0.0 140.8

176 67.3 0.0 137.6

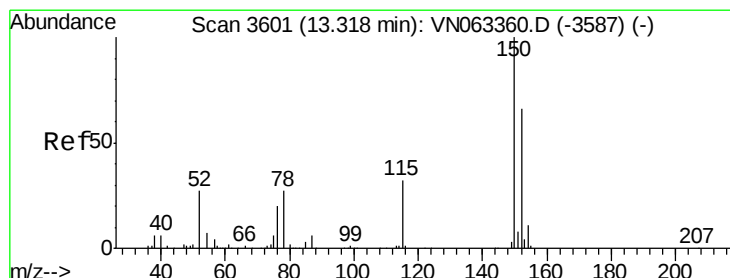
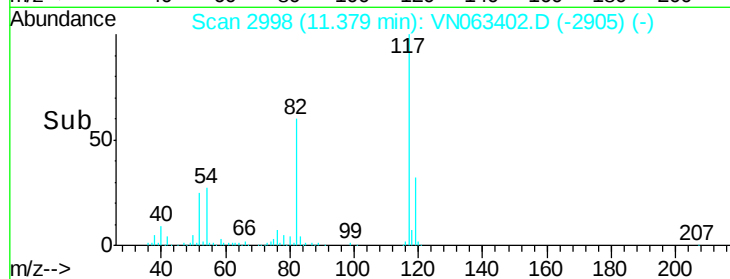
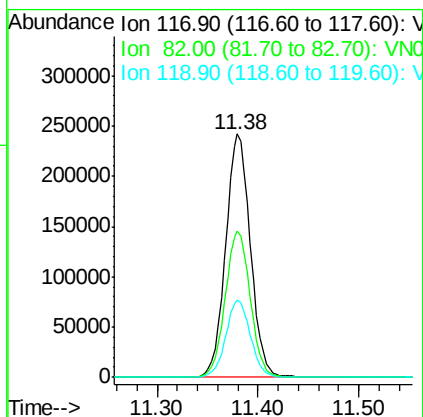
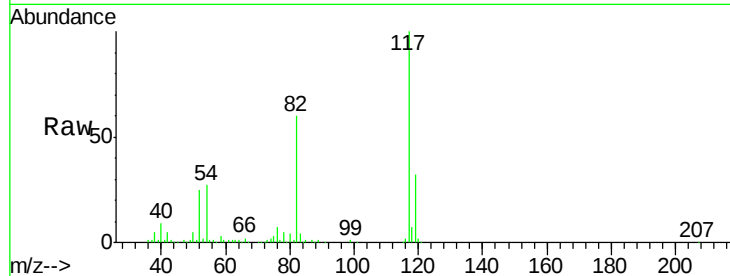




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063402.D
Acq: 17 Sep 2020 7:03

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-6E-(D-4)

Tot Ion:117 Resp: 414363
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 31.9 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: VN063402.D
Acq: 17 Sep 2020 7:03

Tgt Ion:152 Resp: 179266
Ion Ratio Lower Upper
152 100
115 61.9 32.2 96.6
150 157.3 0.0 343.4

