

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063424.D
 Acq On : 17 Sep 2020 17:13
 Operator : JC/MD
 Sample : L4015-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-5W-(A-0)

Quant Time: Sep 18 04:01:01 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

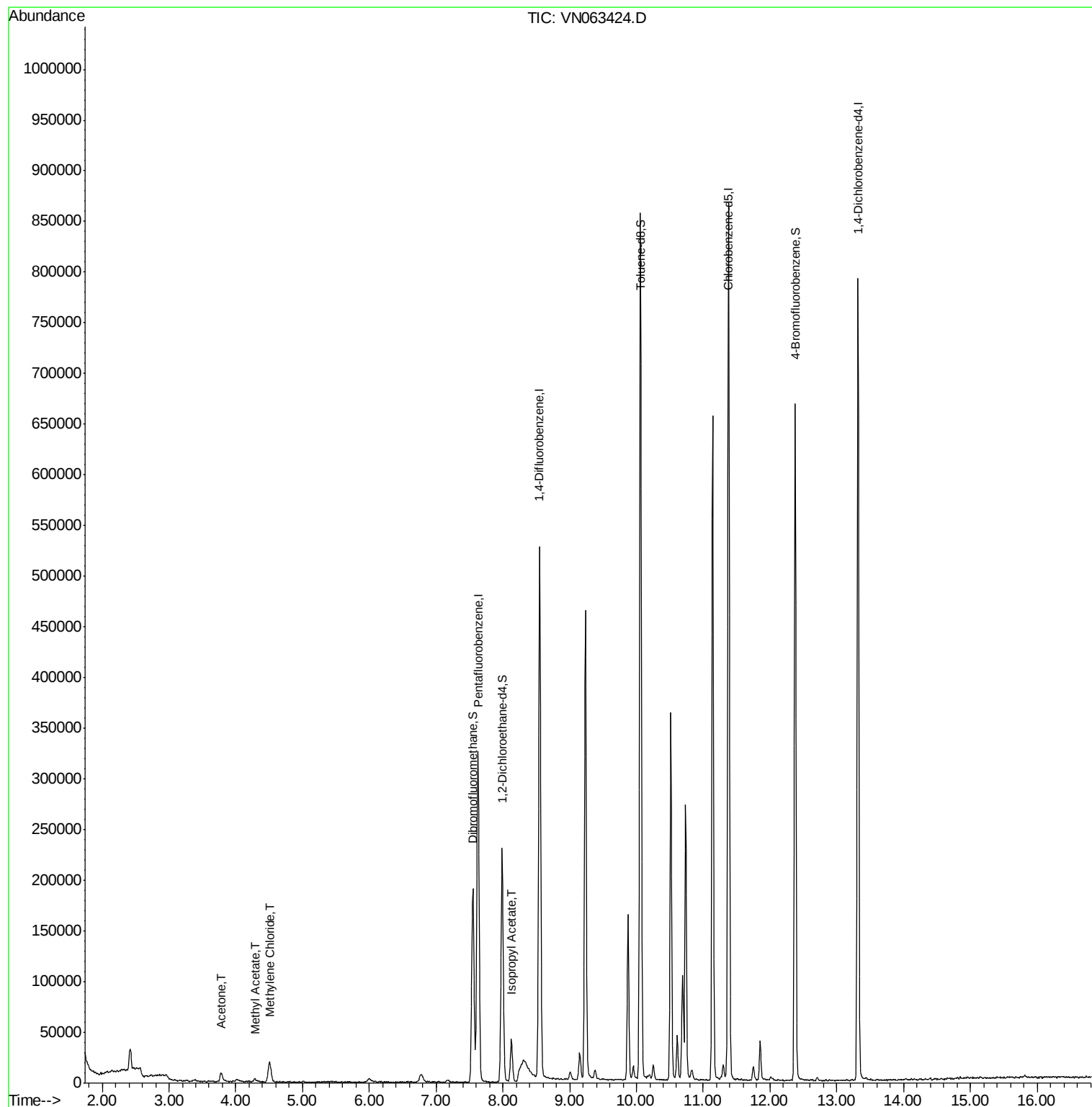
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	442606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	196876	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	7.55	113	142855	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
50) Toluene-d8	10.06	98	580466	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.38	95	223812	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
Target Compounds						
16) Acetone	3.78	43	16245	12.514	ug/l	99
18) Methyl Acetate	4.29	43	4205	1.276	ug/l #	74
20) Methylene Chloride	4.51	84	14346	4.362	ug/l	89
43) Isopropyl Acetate	8.13	43	50792	6.124	ug/l	100

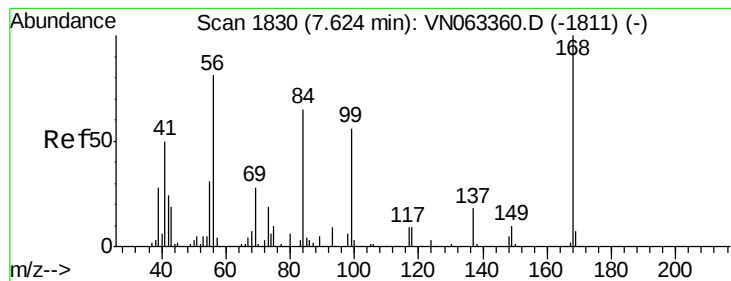
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091720\
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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: VN063424.D

Acq: 17 Sep 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

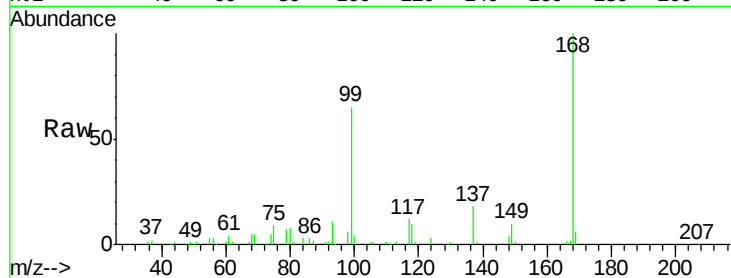
REACTOR-5W-(A-0)

Tot Ion:168 Resp: 237290

Ion Ratio Lower Upper

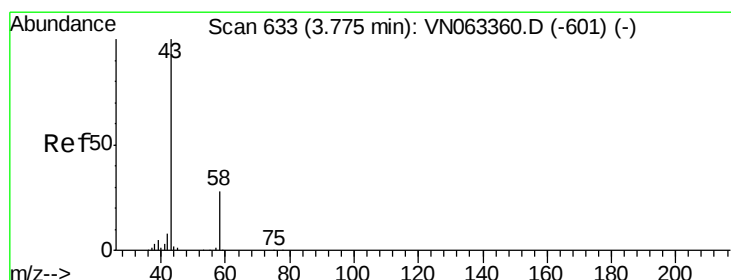
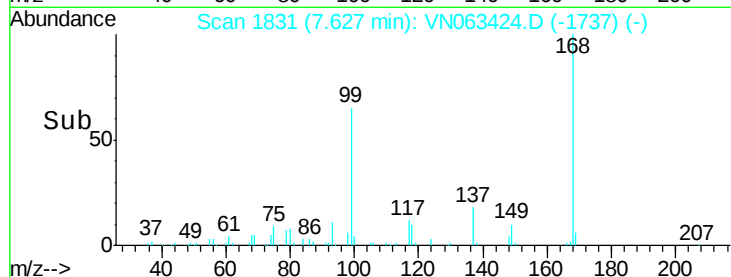
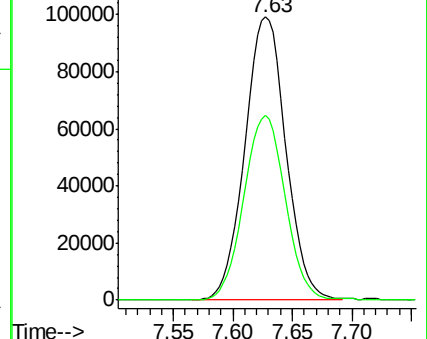
168 100

99 65.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.514 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063424.D

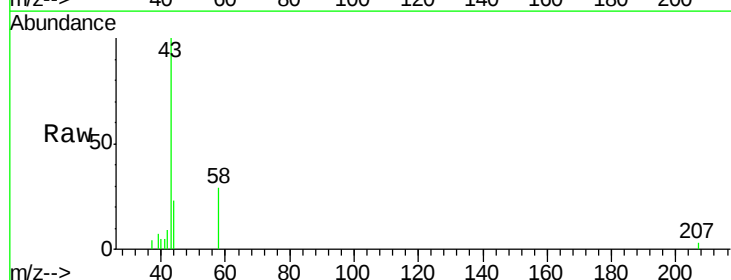
Acq: 17 Sep 2020 17:13

Tgt Ion: 43 Resp: 16245

Ion Ratio Lower Upper

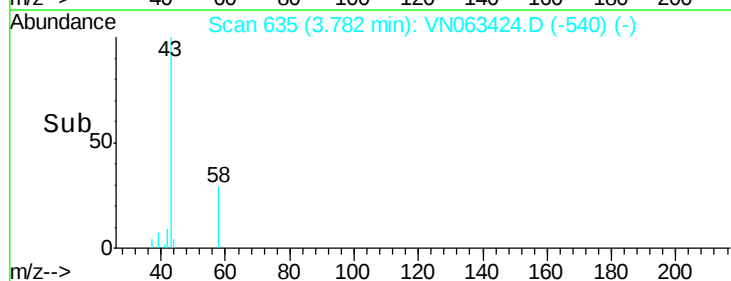
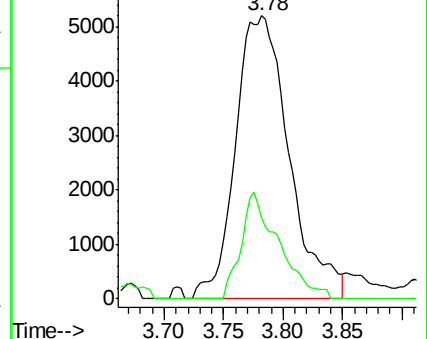
43 100

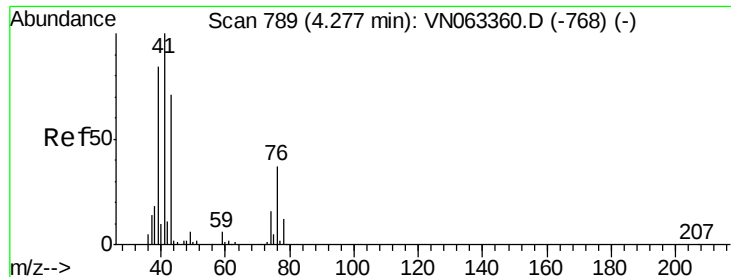
58 28.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

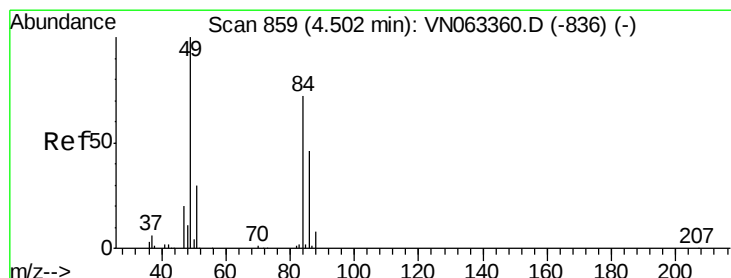
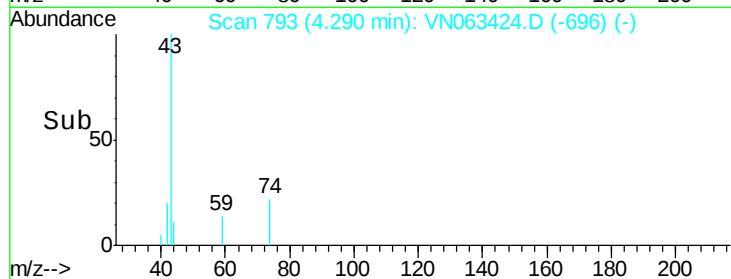
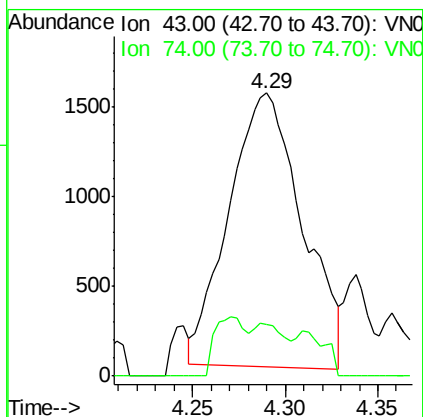
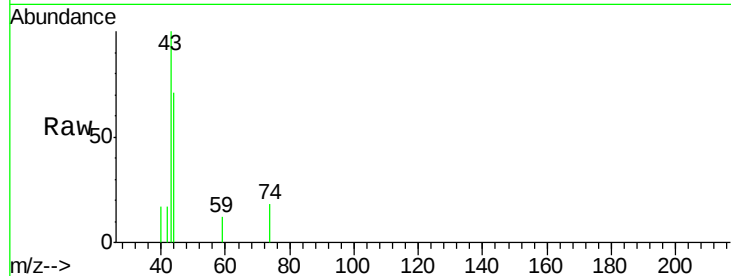




#18
Methyl Acetate
Concen: 1.276 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063424.D
Acq: 17 Sep 2020 17:13

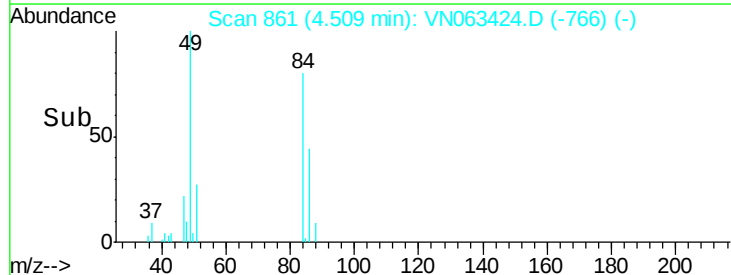
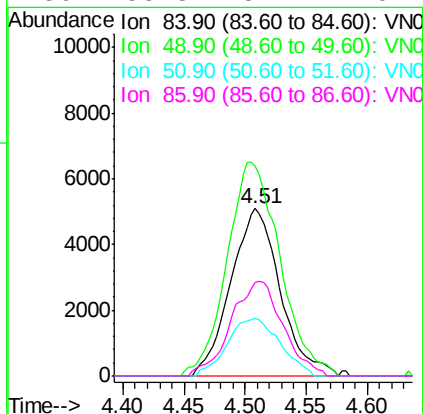
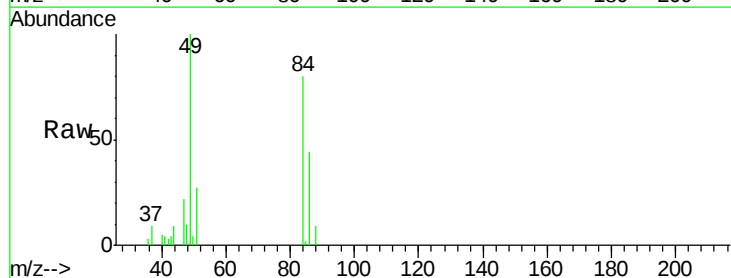
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(A-0)

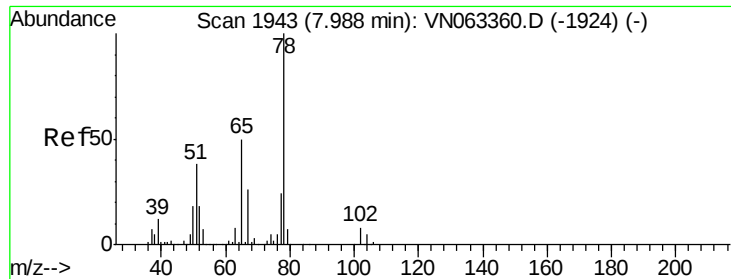
Tot Ion: 43 Resp: 4205
Ion Ratio Lower Upper
43 100
74 9.3 17.4 26.2#



#20
Methylene Chloride
Concen: 4.362 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063424.D
Acq: 17 Sep 2020 17:13

Tgt Ion: 84 Resp: 14346
Ion Ratio Lower Upper
84 100
49 125.4 110.7 166.1
51 34.3 32.9 49.3
86 55.8 51.1 76.7

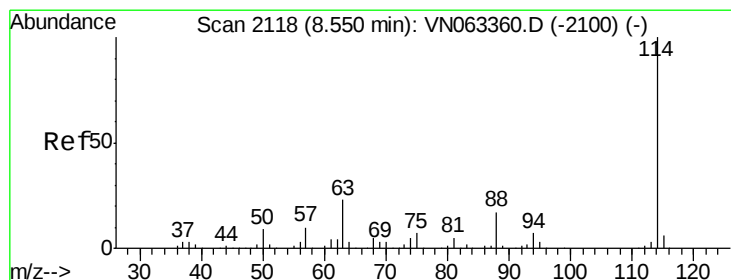
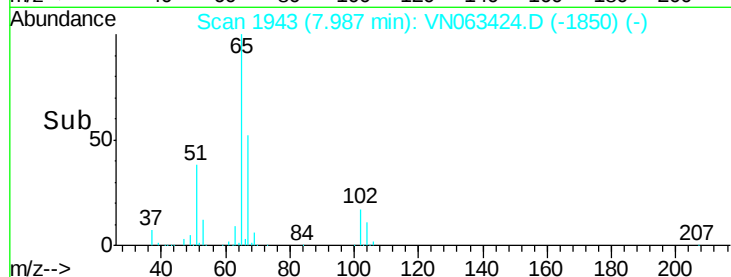
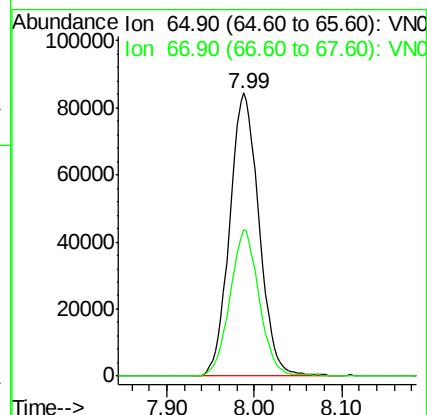
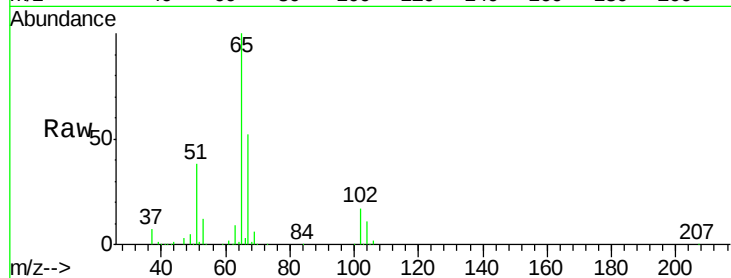




#33
 1,2-Dichloroethane-d4
 Concen: 48.740 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063424.D
 Acq: 17 Sep 2020 17:13

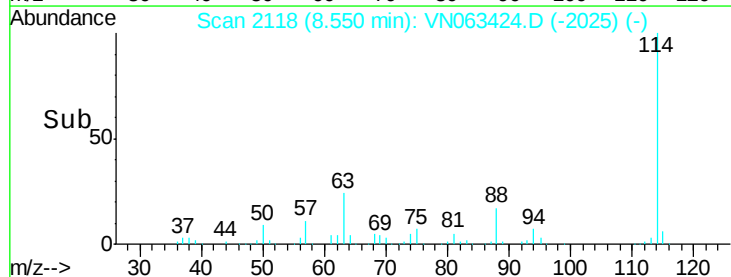
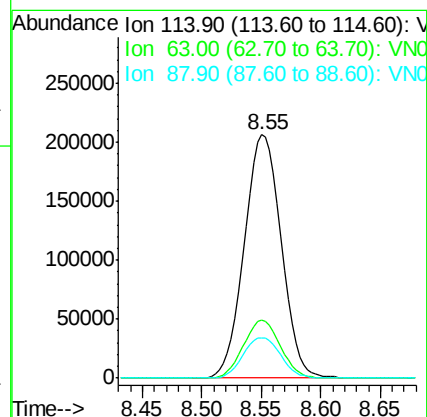
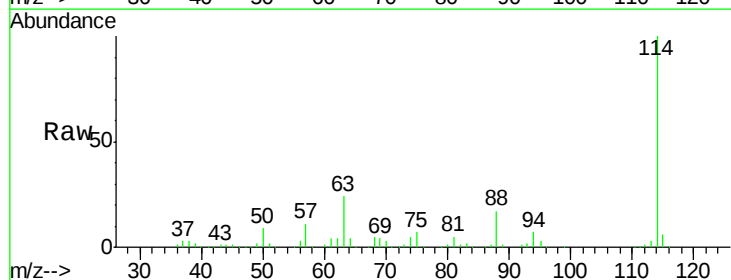
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-5W-(A-0)

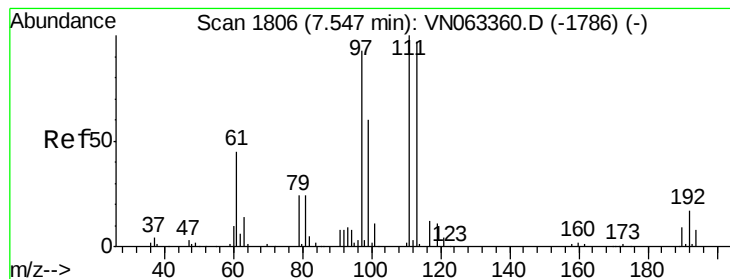
Tot Ion: 65 Resp: 196876
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063424.D
 Acq: 17 Sep 2020 17:13

Tgt Ion: 114 Resp: 443632
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.4
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.515 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN063424.D

Acq: 17 Sep 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-5W-(A-0)

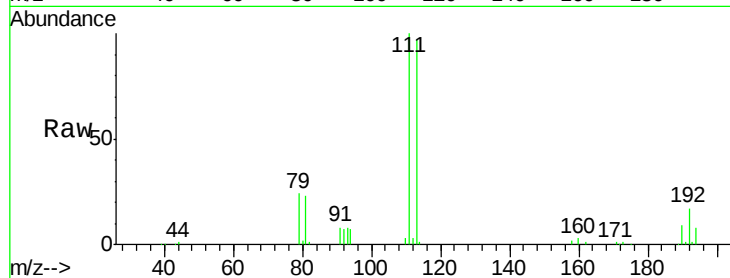
Tot Ion:113 Resp: 142855

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

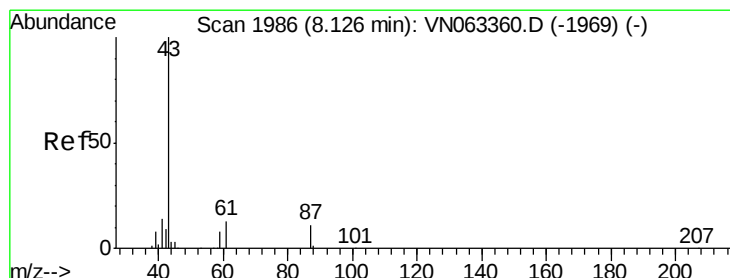
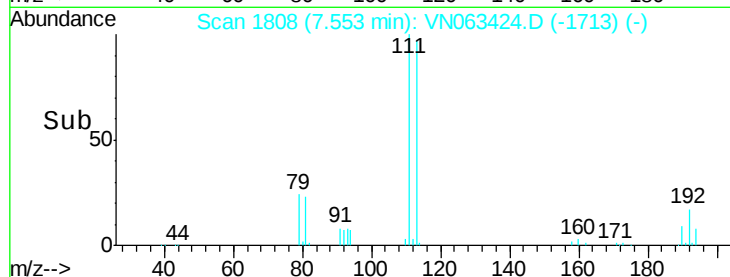
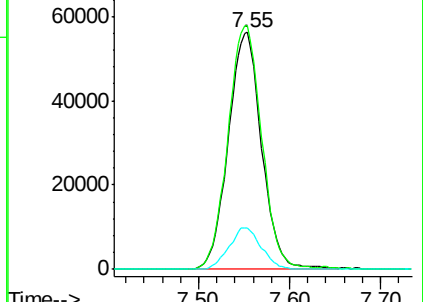
192 16.9 13.9 20.9



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: 6.124 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063424.D

Acq: 17 Sep 2020 17:13

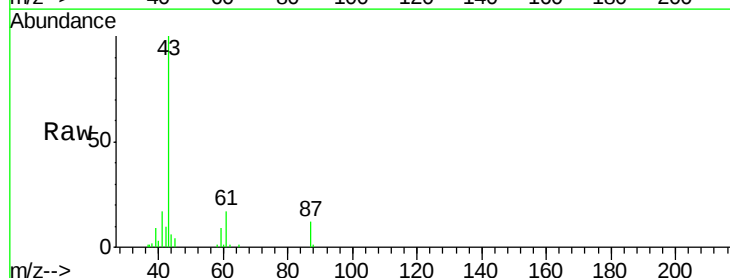
Tgt Ion: 43 Resp: 50792

Ion Ratio Lower Upper

43 100

61 17.7 14.2 21.2

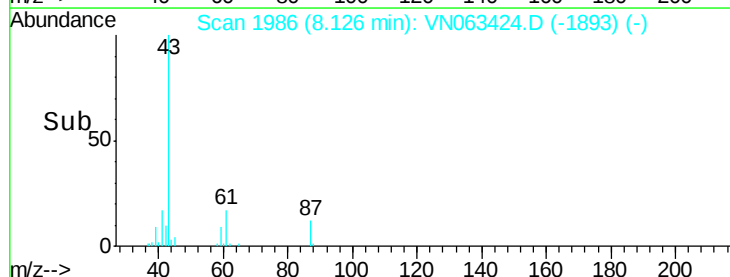
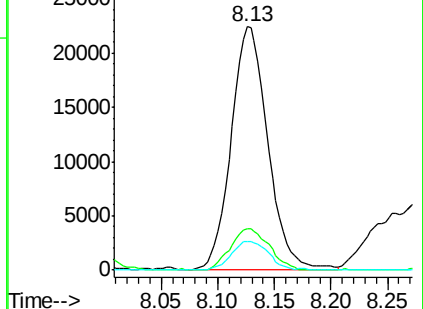
87 11.7 9.0 13.6

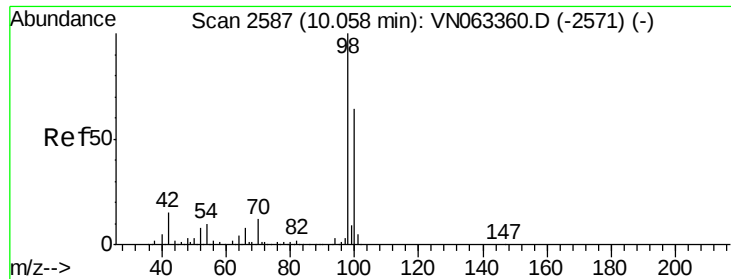


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.265 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063424.D

Acq: 17 Sep 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

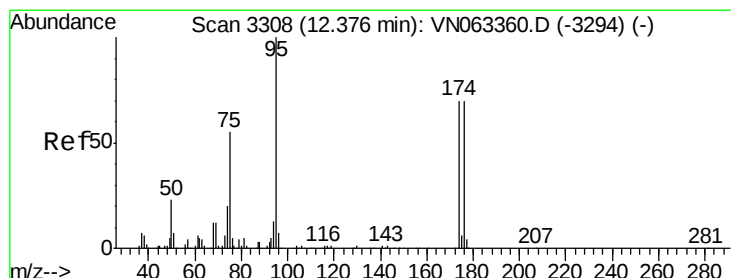
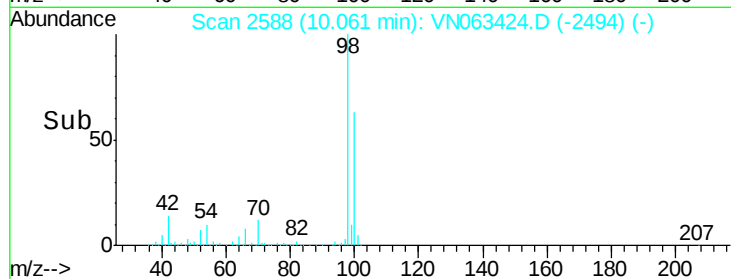
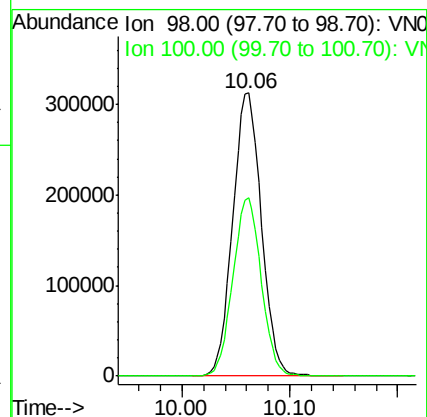
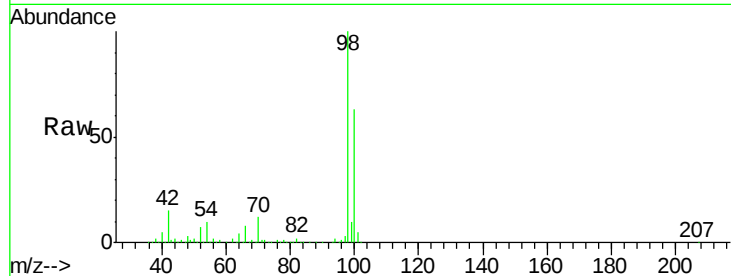
REACTOR-5W-(A-0)

Tot Ion: 98 Resp: 580466

Ion Ratio Lower Upper

98 100

100 62.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.869 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063424.D

Acq: 17 Sep 2020 17:13

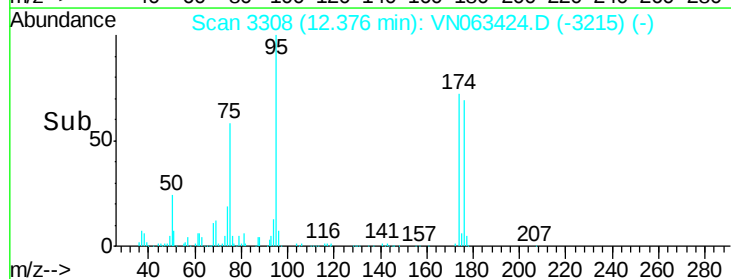
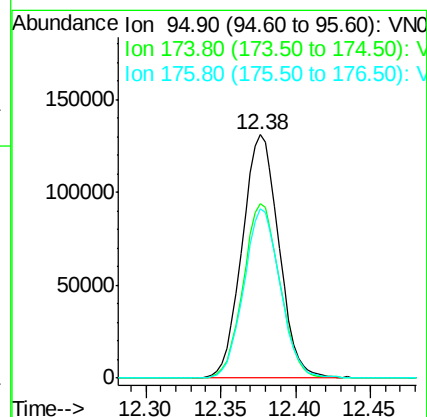
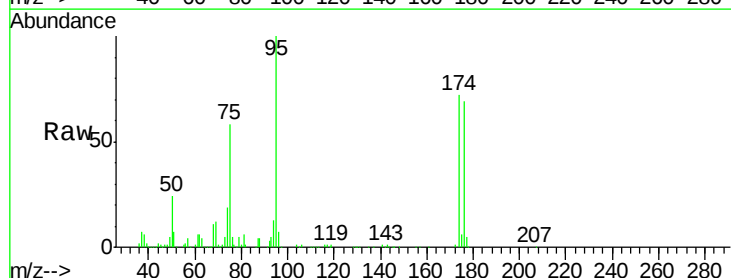
Tgt Ion: 95 Resp: 223812

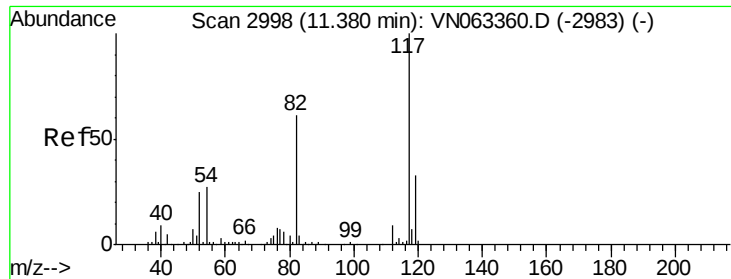
Ion Ratio Lower Upper

95 100

174 71.5 0.0 140.8

176 68.8 0.0 137.6

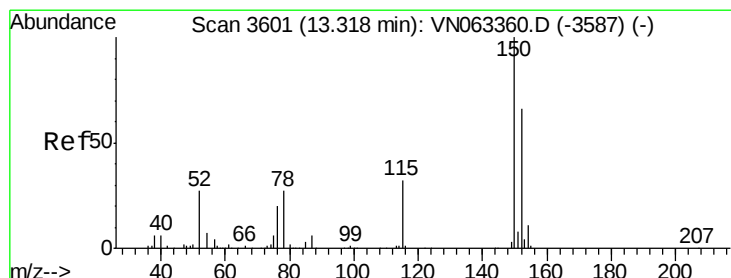
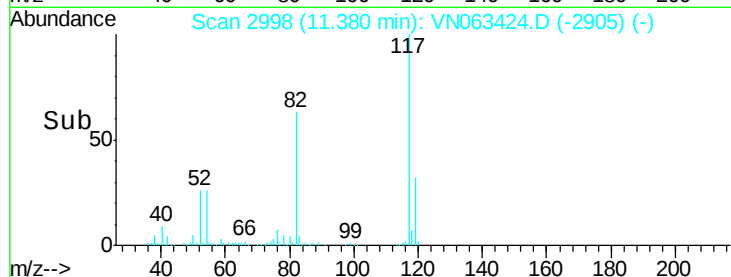
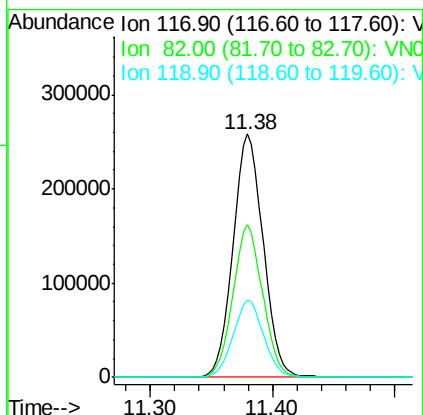
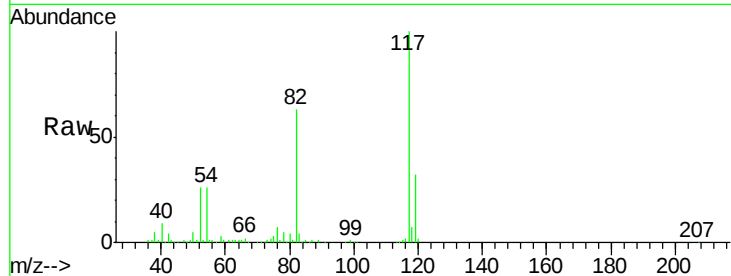




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063424.D
Acq: 17 Sep 2020 17:13

Instrument :
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ClientSampleId :
REACTOR-5W-(A-0)

Tot Ion:117 Resp: 442606
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 31.8 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: VN063424.D
Acq: 17 Sep 2020 17:13

Tgt Ion:152 Resp: 192895
Ion Ratio Lower Upper
152 100
115 62.7 32.2 96.6
150 155.7 0.0 343.4

