

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063428.D
 Acq On : 17 Sep 2020 18:49
 Operator : JC/MD
 Sample : L4015-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-5W-(A-4)

Manual Integrations
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Quant Time: Sep 18 04:08:00 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	225338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186947	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	7.55	113	139491	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	10.06	98	553847	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.38	95	223580	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
Target Compounds						
16) Acetone	3.78	43	17874	14.499	ug/l	99
18) Methyl Acetate	4.28	43	4715m	1.507	ug/l	
20) Methylene Chloride	4.51	84	12880	4.124	ug/l	96
43) Isopropyl Acetate	8.13	43	76529	9.585	ug/l	99

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

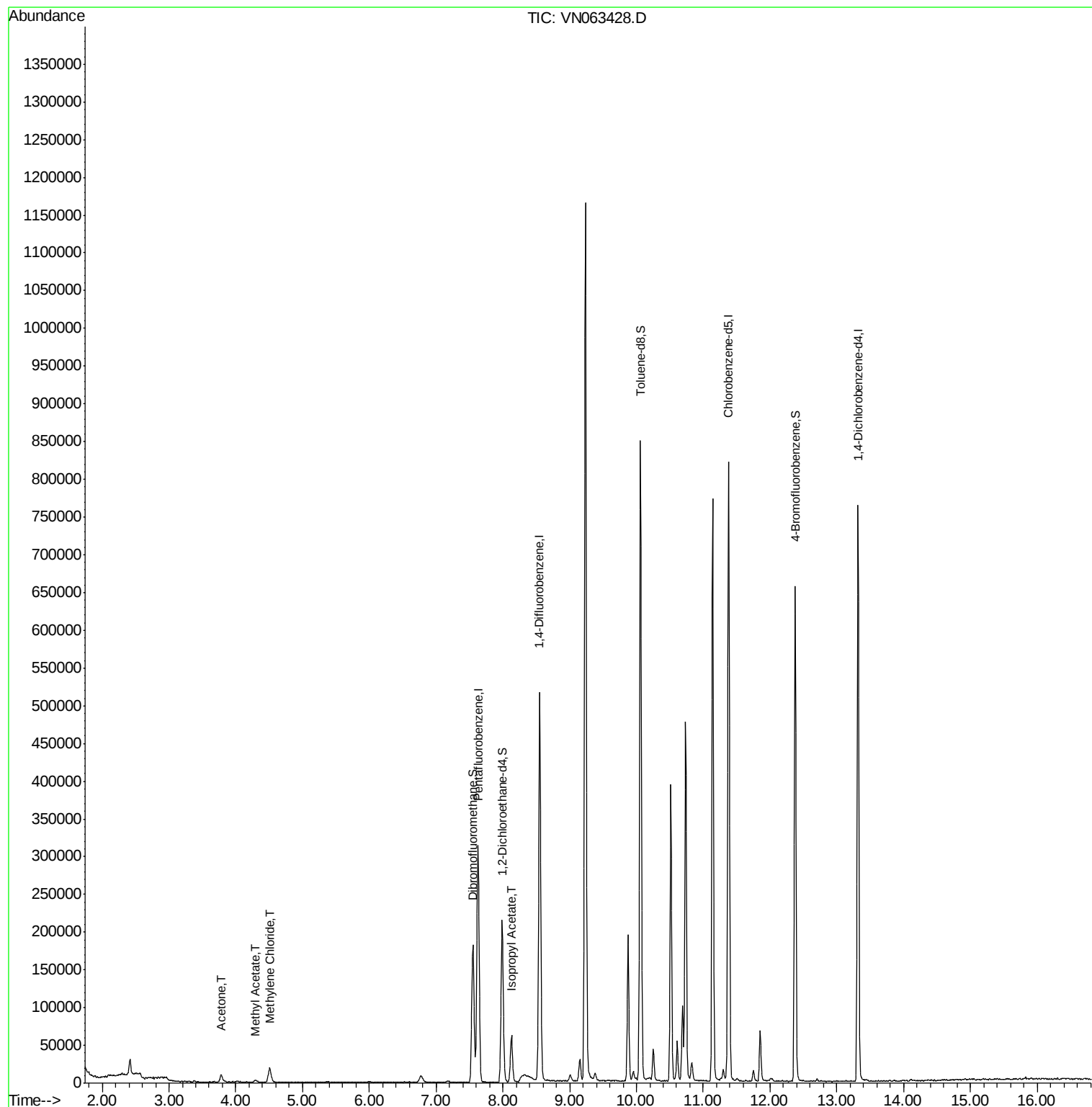
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091720\
Data File : VN063428.D
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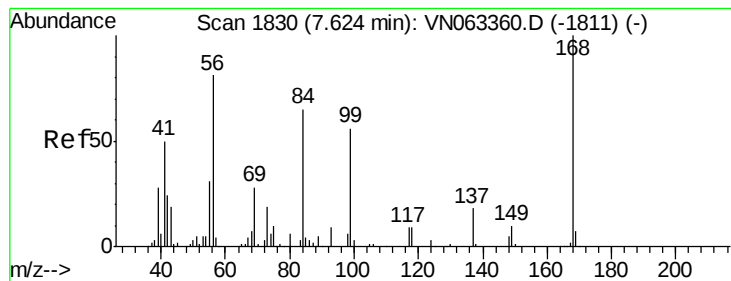
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(A-4)

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Quant Time: Sep 18 04:08:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
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# 1832

Delta R.T. 0.01 min

Lab File: VN063428.D

Acq: 17 Sep 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-5W-(A-4)

Tot Ion:168 Resp: 225338

Ion Ratio Lower Upper

168 100

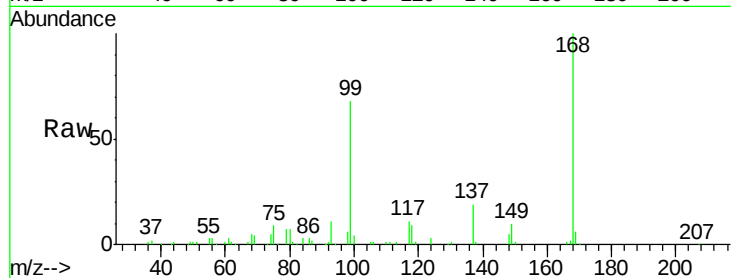
99 68.4 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

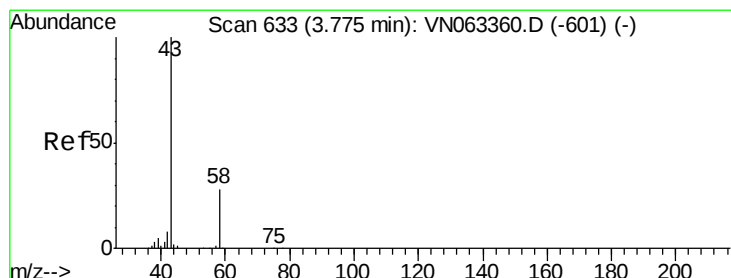
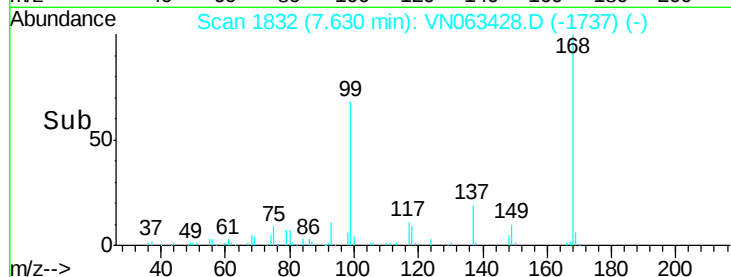
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 14.499 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063428.D

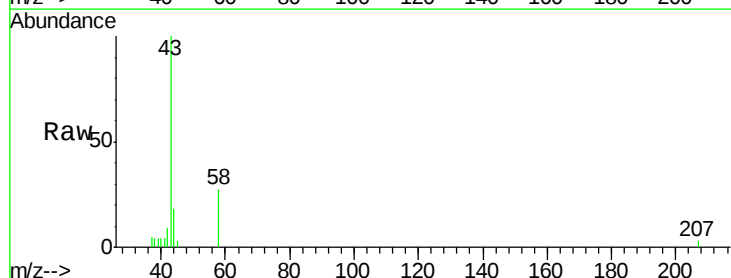
Acq: 17 Sep 2020 18:49

Tgt Ion: 43 Resp: 17874

Ion Ratio Lower Upper

43 100

58 27.2 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

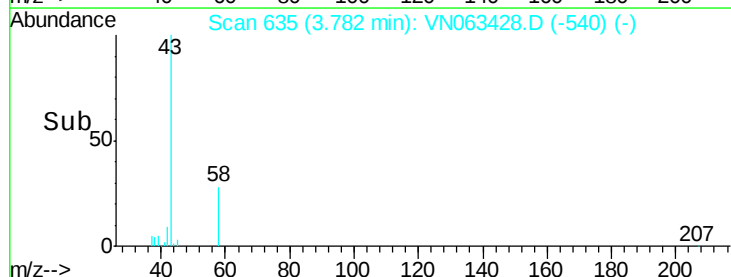
6000

4000

2000

0

Time--> 3.70 3.80 3.90





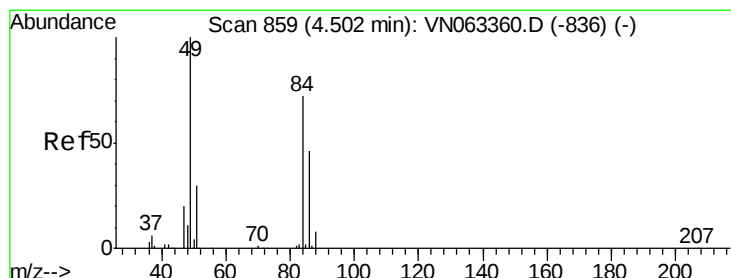
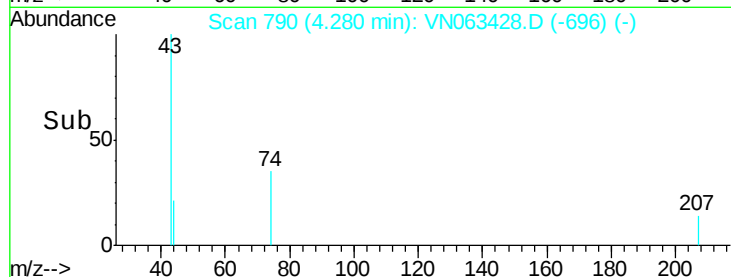
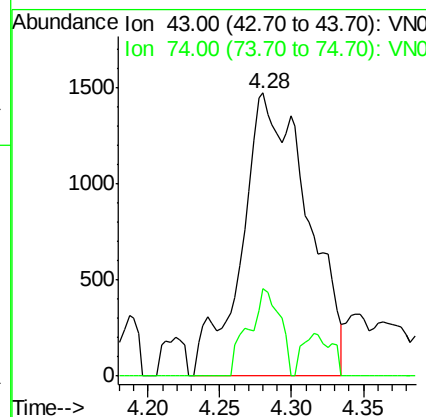
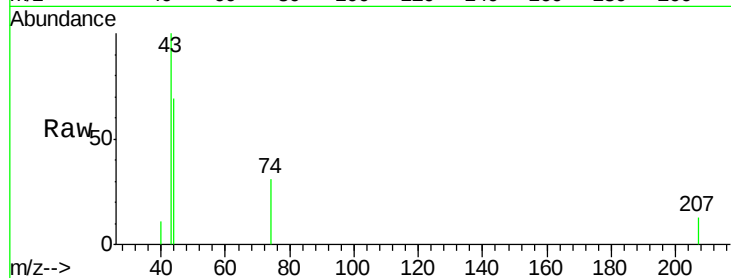
#18
Methyl Acetate
Concen: 1.507 ug/l m
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063428.D
Acq: 17 Sep 2020 18:49

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(A-4)

Tot Ion: 43 Resp: 4715
Ion Ratio Lower Upper
43 100
74 14.5 17.4 26.2#

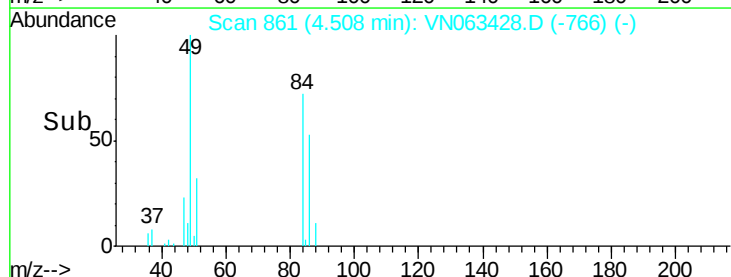
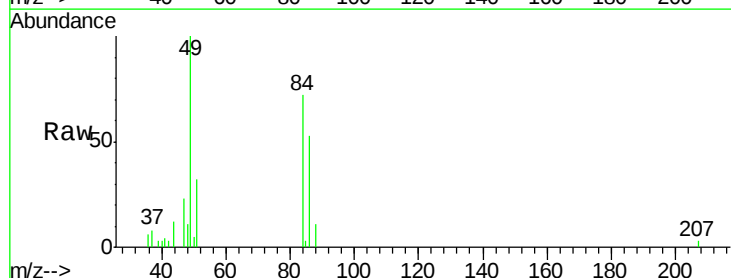
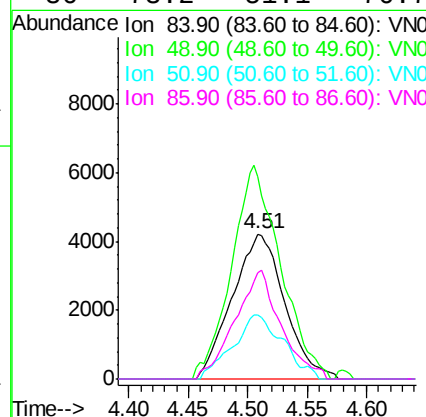
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#20
Methylene Chloride
Concen: 4.124 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063428.D
Acq: 17 Sep 2020 18:49

Tgt Ion: 84 Resp: 12880
Ion Ratio Lower Upper
84 100
49 139.0 110.7 166.1
51 44.5 32.9 49.3
86 73.2 51.1 76.7





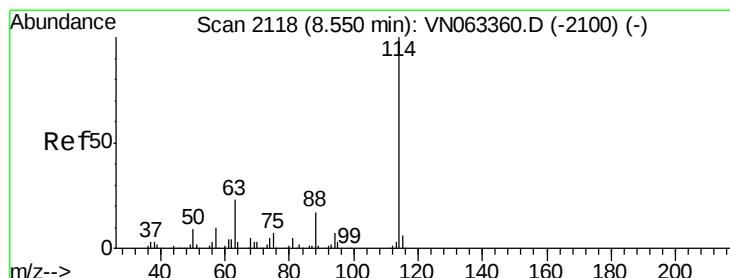
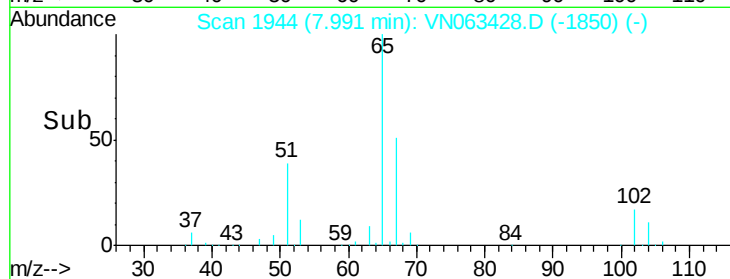
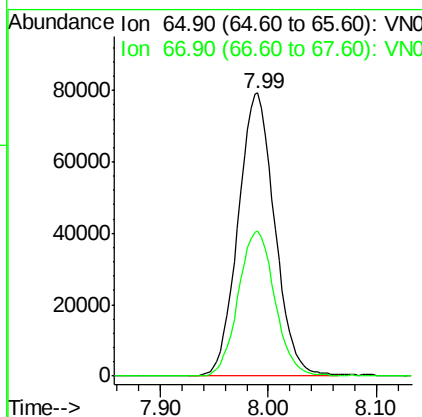
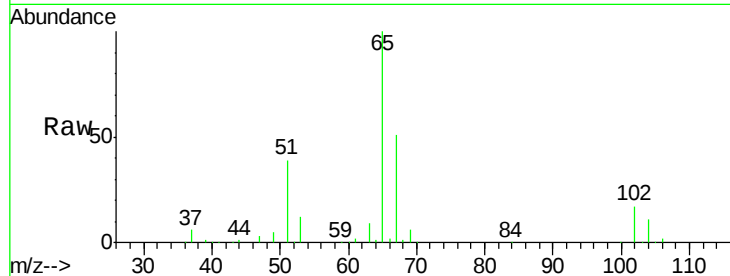
#33
 1,2-Dichloroethane-d4
 Concen: 48.737 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063428.D
 Acq: 17 Sep 2020 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-5W-(A-4)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186947		
67	51.3	0.0	104.2	

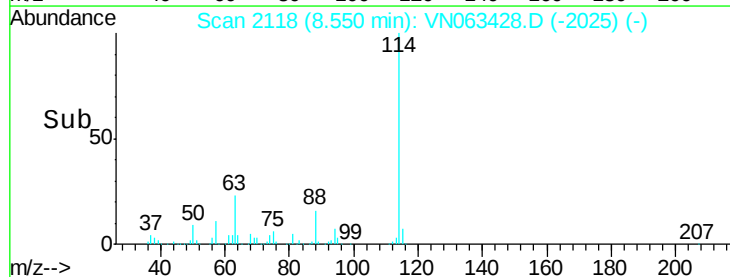
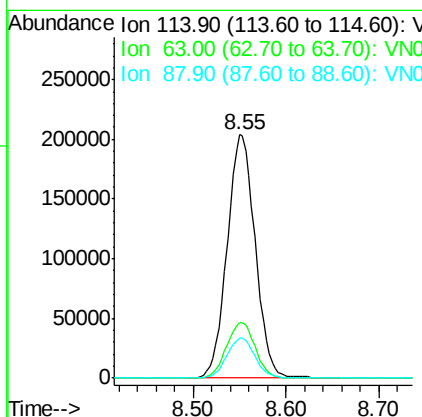
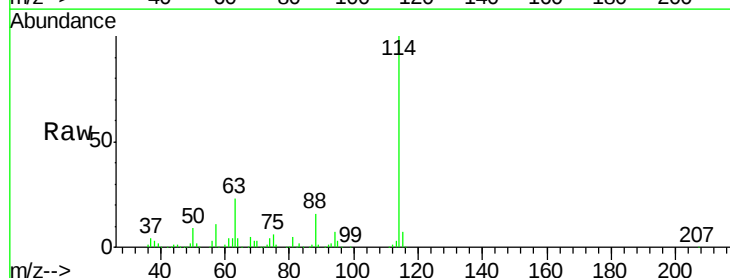
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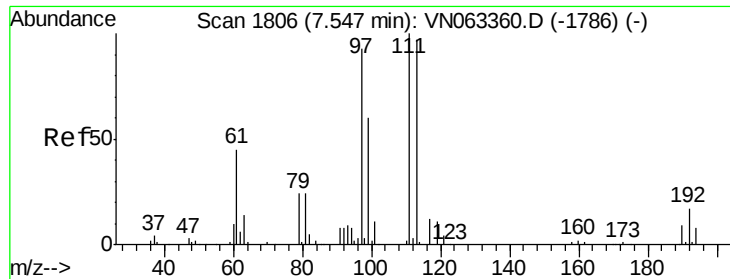
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063428.D
 Acq: 17 Sep 2020 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	427034		
63	23.0	0.0	46.4	
88	16.4	0.0	33.2	





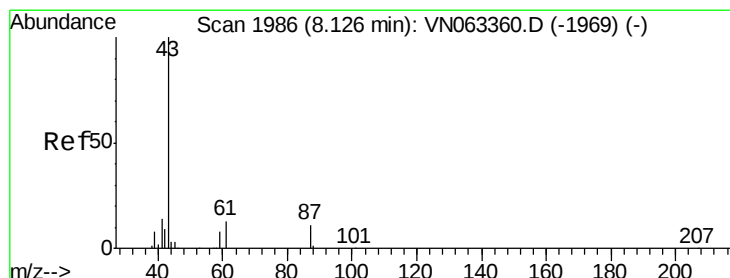
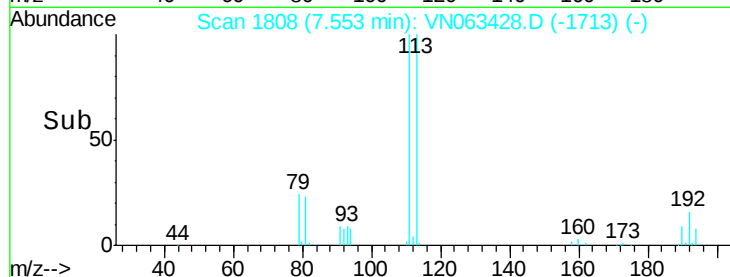
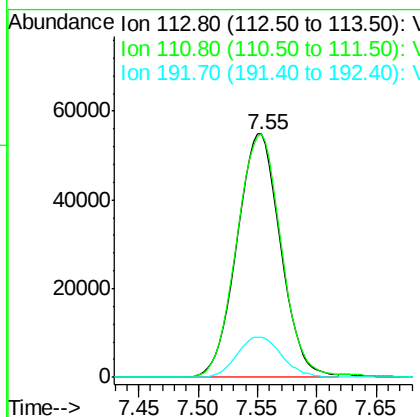
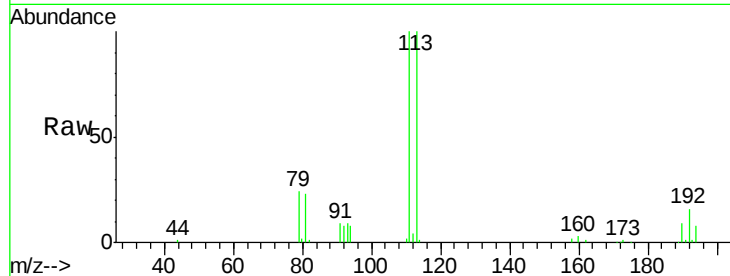
#35
 Dibromofluoromethane
 Concen: 47.185 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063428.D
 Acq: 17 Sep 2020 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-5W-(A-4)

Tot Ion	Ratio	Resp	Lower	Upper
113	100	139491		
111	101.6	82.9	124.3	
192	16.9	13.9	20.9	

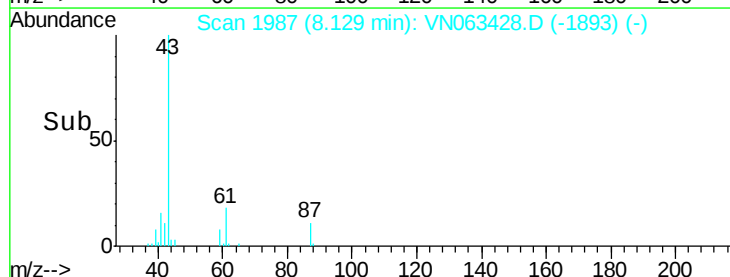
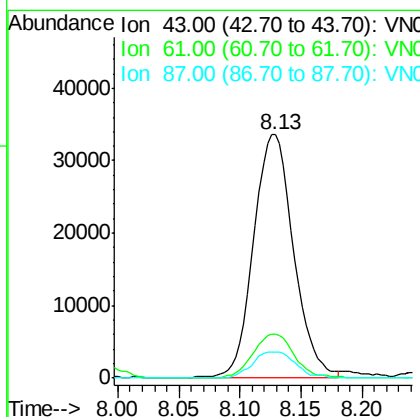
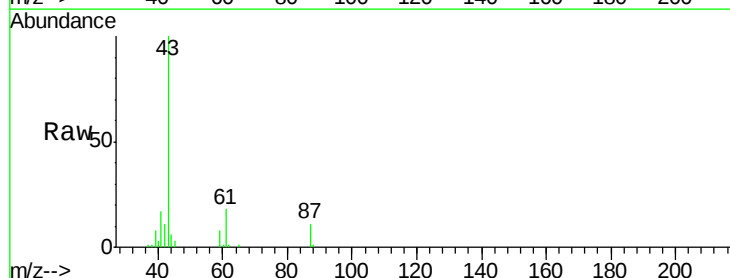
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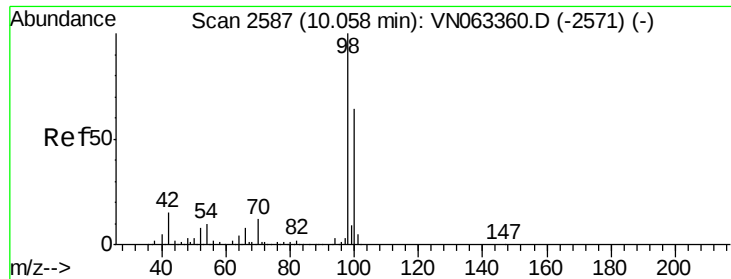
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#43
 Isopropyl Acetate
 Concen: 9.585 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063428.D
 Acq: 17 Sep 2020 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	76529		
61	18.5	14.2	21.2	
87	11.5	9.0	13.6	





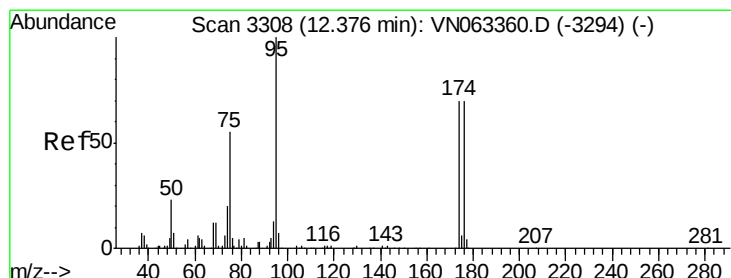
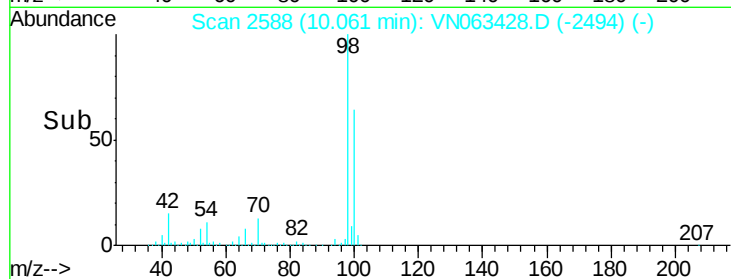
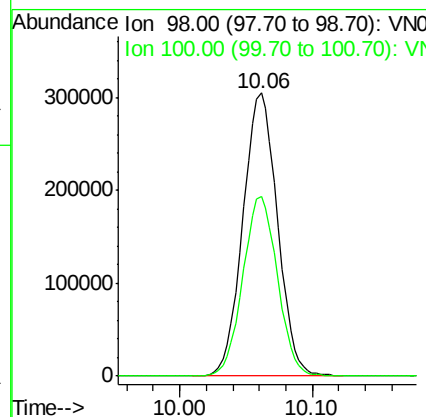
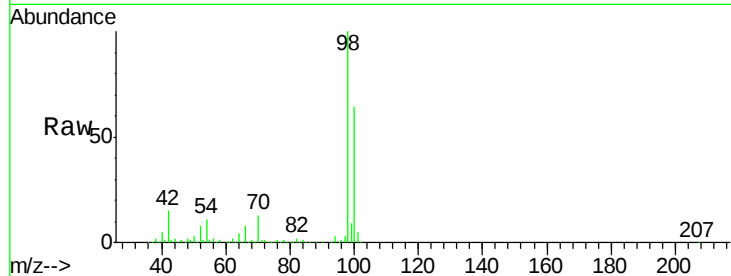
#50
Toluene-d8
Concen: 49.824 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063428.D
Acq: 17 Sep 2020 18:49

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(A-4)

Tot Ion: 98 Resp: 553847
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1

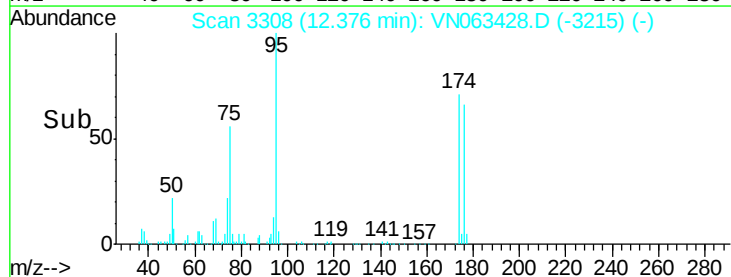
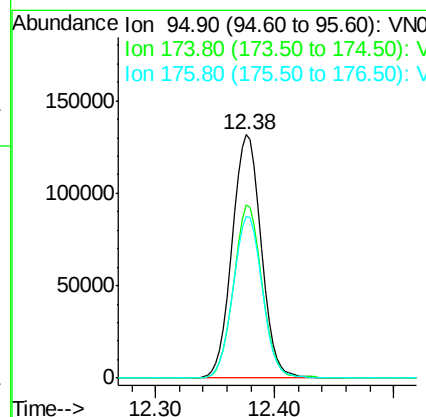
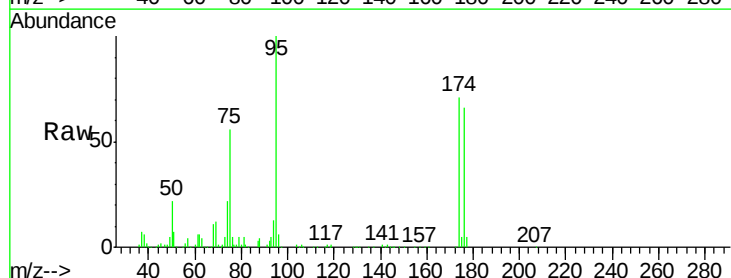
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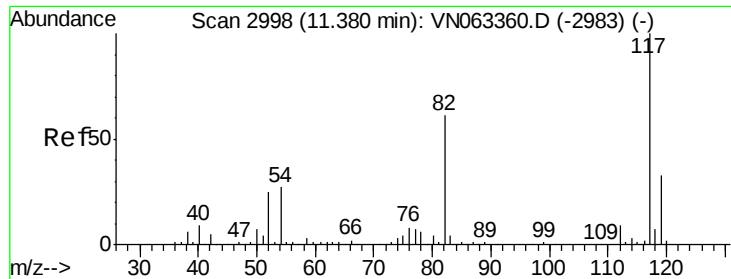
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#62
4-Bromofluorobenzene
Concen: 54.867 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063428.D
Acq: 17 Sep 2020 18:49

Tgt Ion: 95 Resp: 223580
Ion Ratio Lower Upper
95 100
174 69.4 0.0 140.8
176 66.7 0.0 137.6





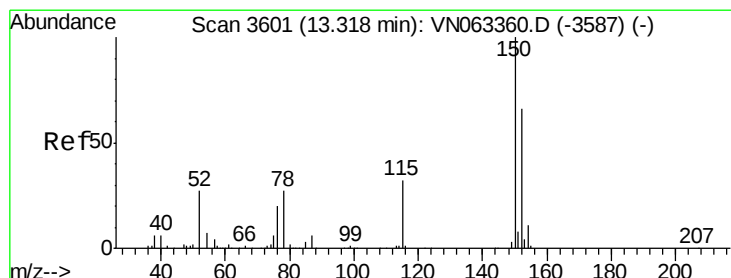
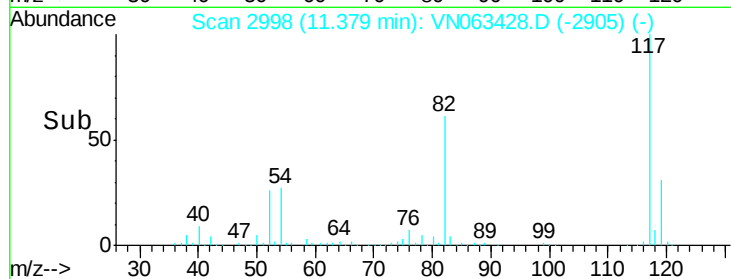
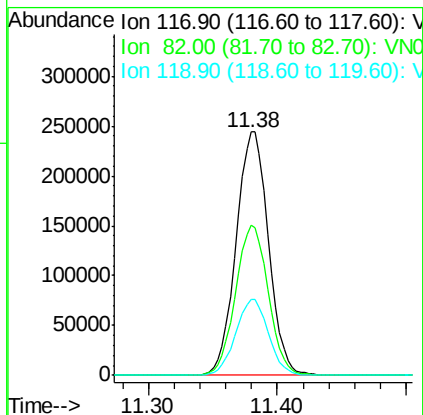
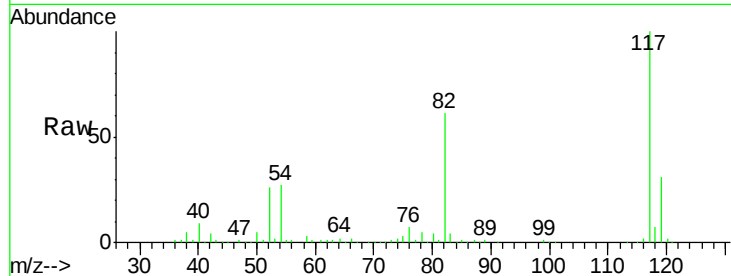
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063428.D
Acq: 17 Sep 2020 18:49

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(A-4)

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	49.2	73.8
119	31.4	26.2	39.4

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063428.D
Acq: 17 Sep 2020 18:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	32.2	96.6
150	157.3	0.0	343.4

