

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063397.D
 Acq On : 17 Sep 2020 5:03
 Operator : JC/MD
 Sample : L4015-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 9/17/2020 1:44:17 PM

Quant Time: Sep 17 06:42:37 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	231866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	439518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	198054	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
35) Dibromofluoromethane	7.55	113	143764	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	10.06	98	563734	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	215473	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
Target Compounds						
16) Acetone	3.79	43	16238	12.801	ug/l	98
18) Methyl Acetate	4.28	43	5759m	1.788	ug/l	
20) Methylene Chloride	4.51	84	12325	3.835	ug/l	90
43) Isopropyl Acetate	8.13	43	75137	9.144	ug/l	100

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

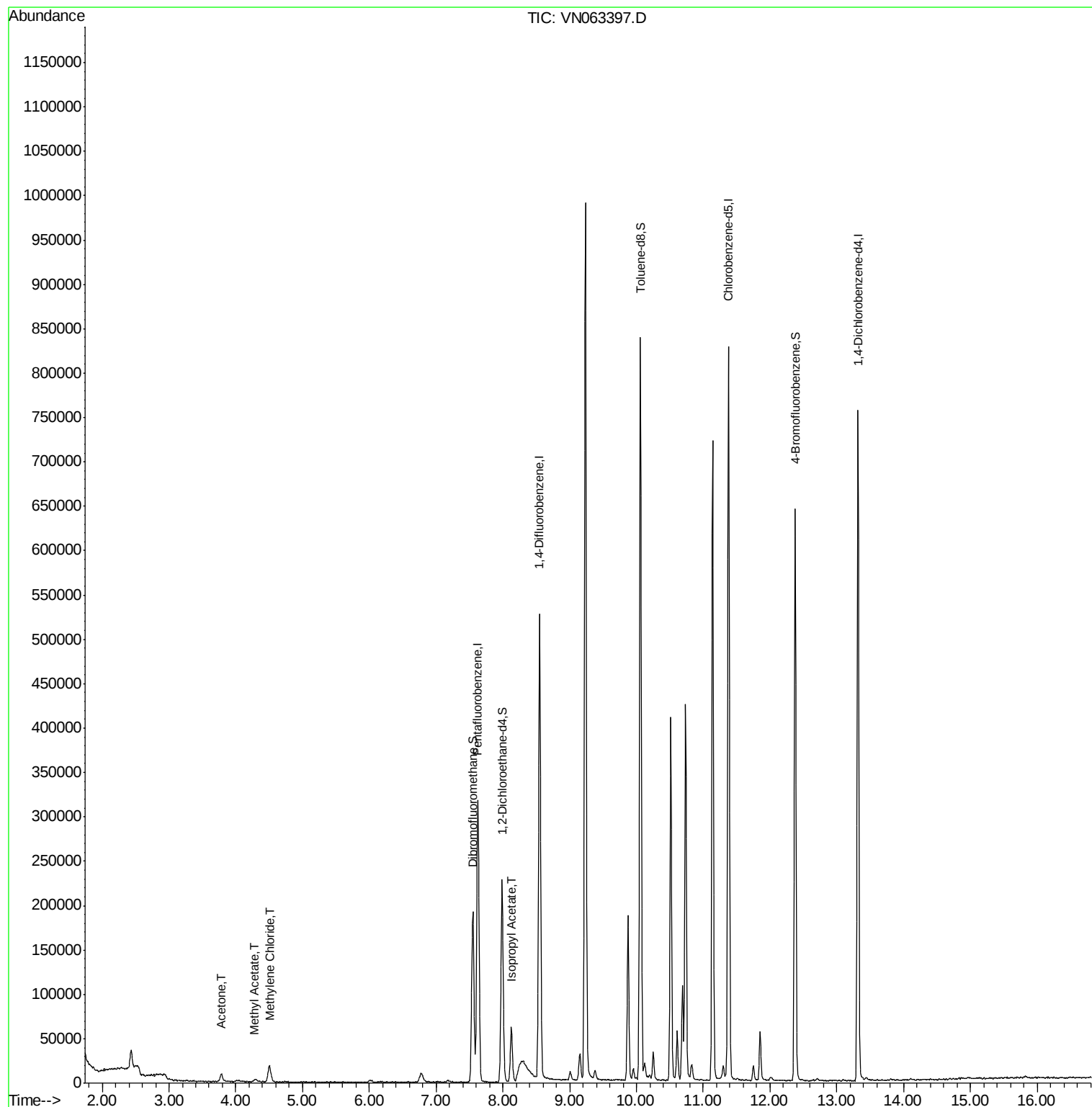
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091620\
Data File : VN063397.D
Acq On : 17 Sep 2020 5:03
Operator : JC/MD
Sample : L4015-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 47 Sample Multiplier: 1

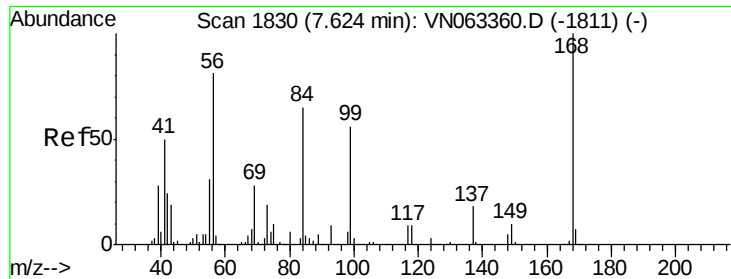
Instrument :
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Quant Time: Sep 17 06:42:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063397.D

Acq: 17 Sep 2020 5:03

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-6E-(C-0)

Tot Ion:168 Resp: 231866

Ion Ratio Lower Upper

168 100

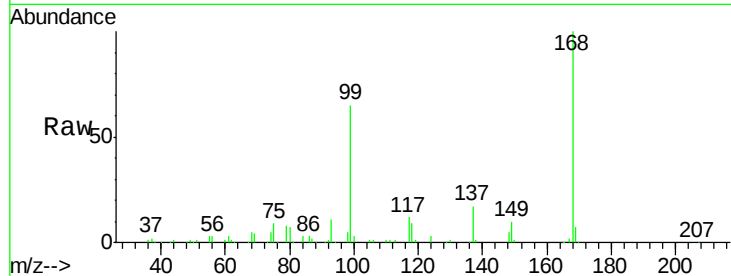
99 65.2 53.0 79.6

Manual Integrations

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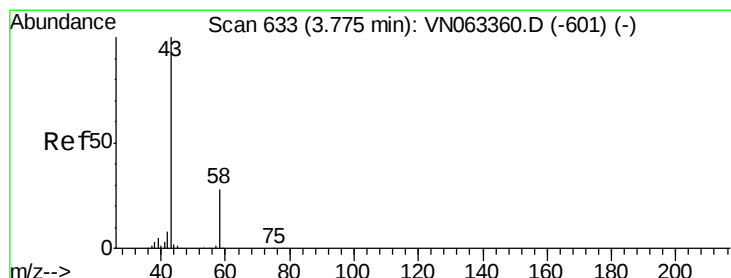
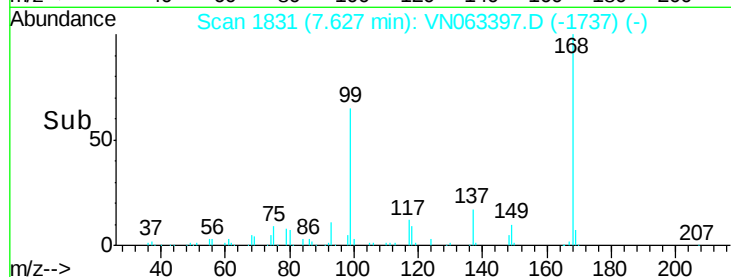
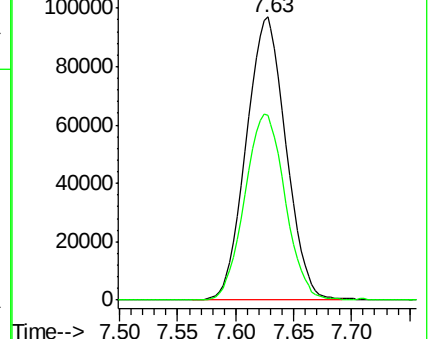
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.801 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063397.D

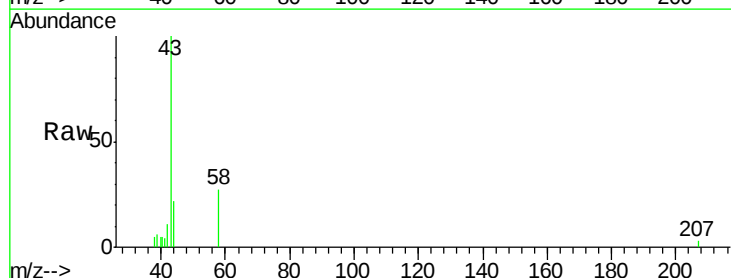
Acq: 17 Sep 2020 5:03

Tgt Ion: 43 Resp: 16238

Ion Ratio Lower Upper

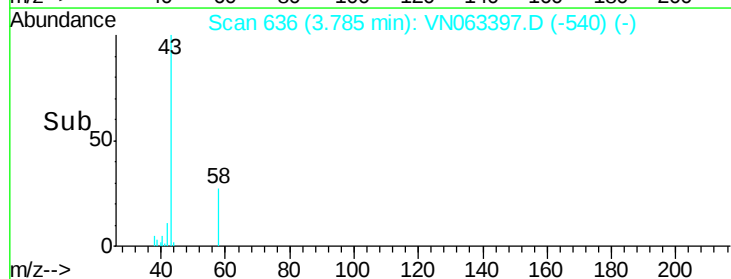
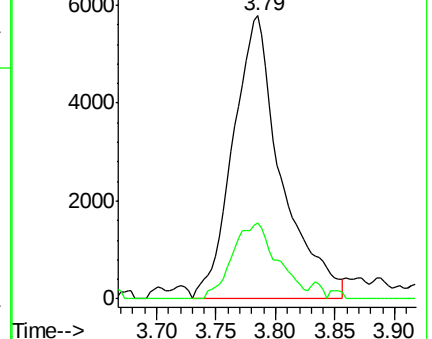
43 100

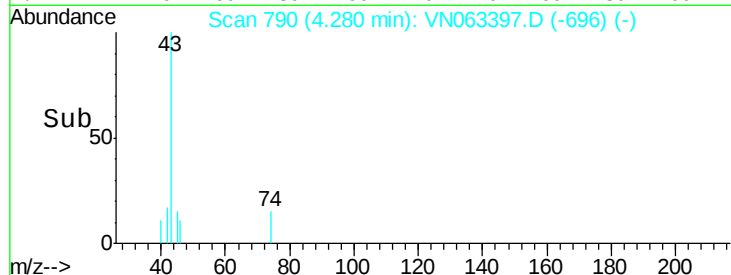
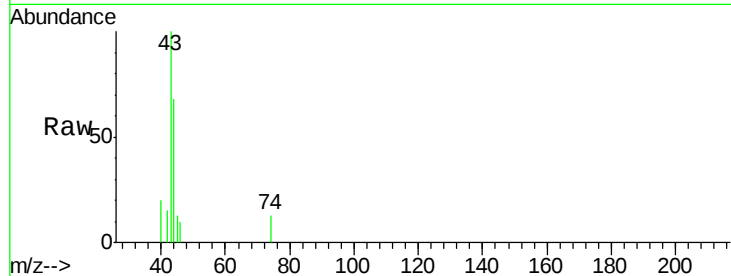
58 26.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





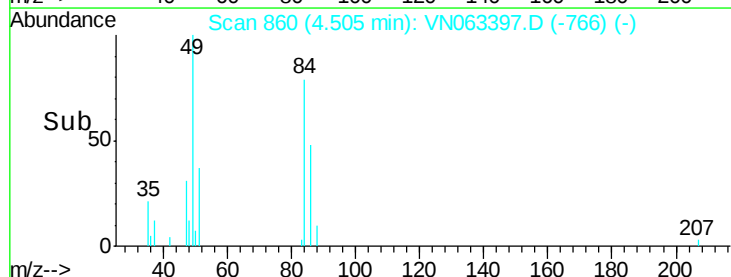
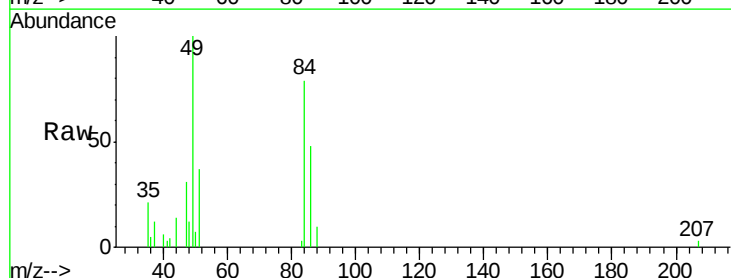
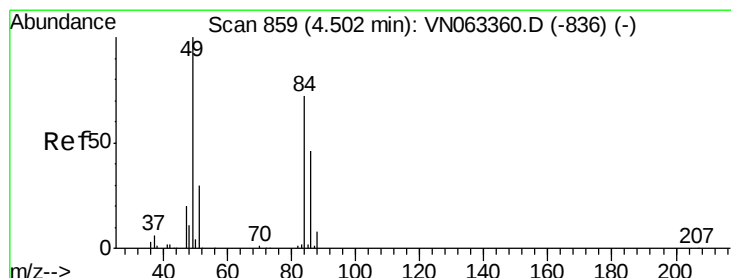
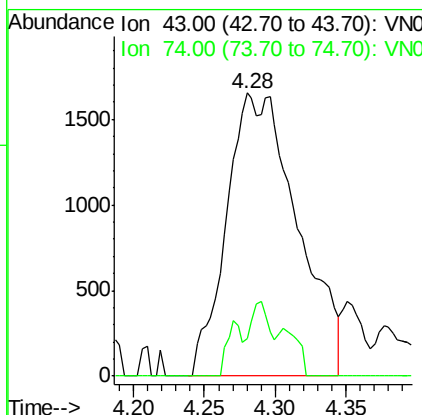
#18
Methyl Acetate
Concen: 1.788 ug/l m
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063397.D
Acq: 17 Sep 2020 5:03

Tot Ion: 43 Resp: 5759
Ion Ratio Lower Upper
43 100
74 4.1 17.4 26.2#

Instrument :
MSVOA_N
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REACTOR-6E-(C-0)

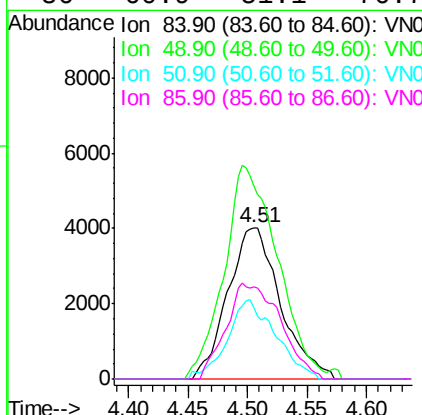
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#20
Methylene Chloride
Concen: 3.835 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063397.D
Acq: 17 Sep 2020 5:03

Tgt Ion: 84 Resp: 12325
Ion Ratio Lower Upper
84 100
49 122.8 110.7 166.1
51 47.5 32.9 49.3
86 60.9 51.1 76.7





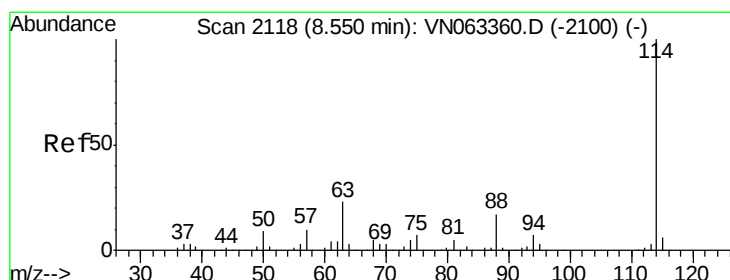
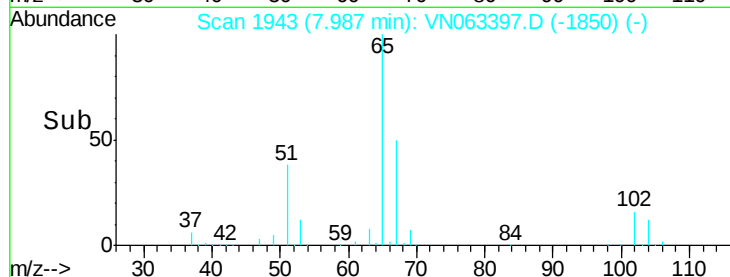
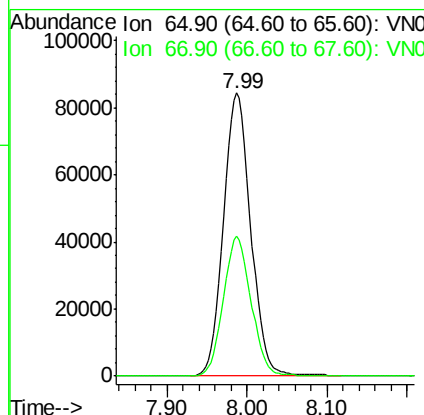
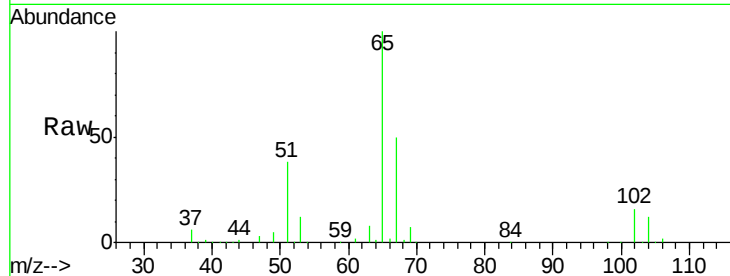
#33
 1,2-Dichloroethane-d4
 Concen: 50.179 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063397.D
 Acq: 17 Sep 2020 5:03

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	198054		
67	50.0	0.0	104.2	

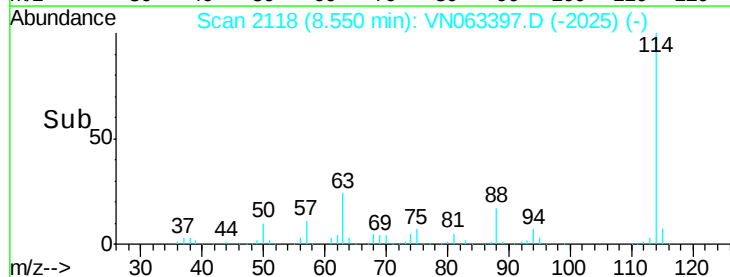
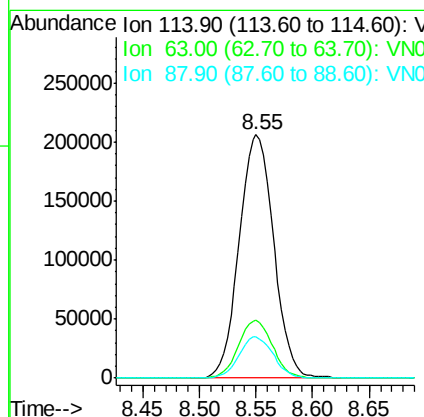
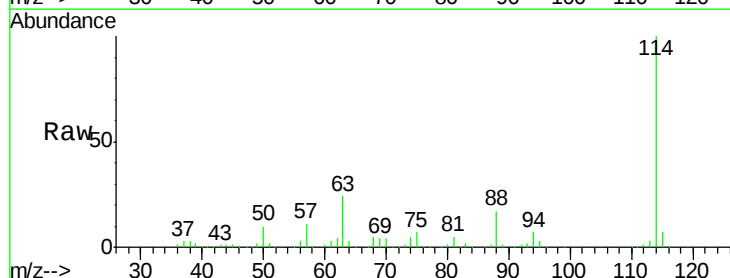
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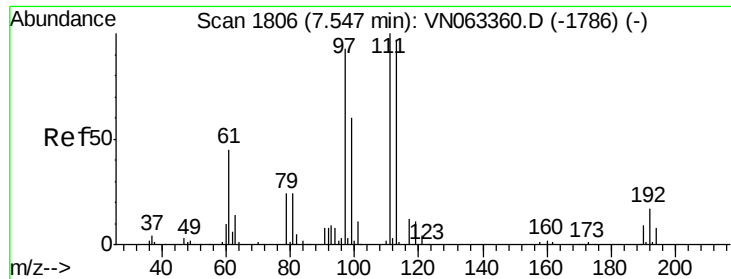
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063397.D
 Acq: 17 Sep 2020 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	439518		
63	23.7	0.0	46.4	
88	16.8	0.0	33.2	





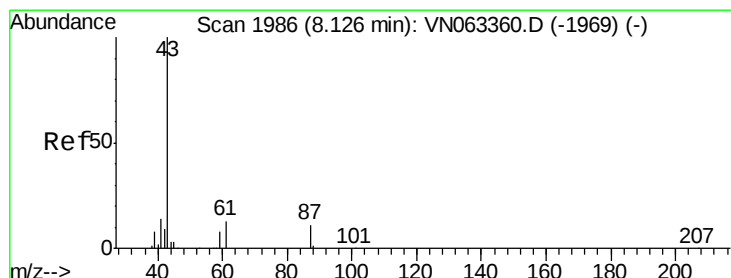
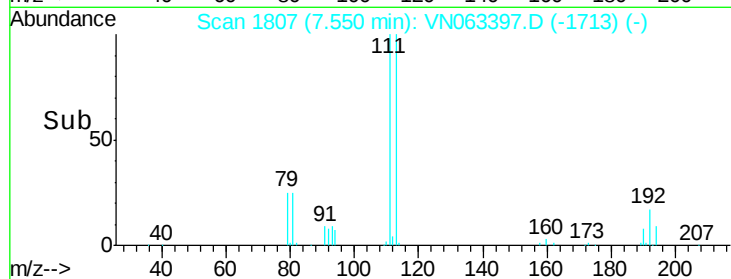
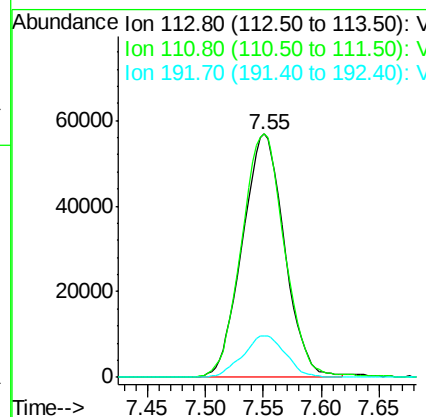
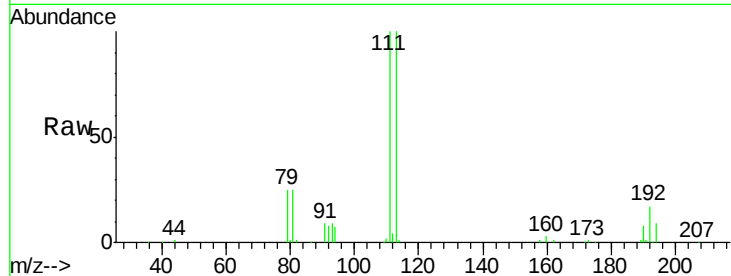
#35
 Dibromofluoromethane
 Concen: 47.249 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063397.D
 Acq: 17 Sep 2020 5:03

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.8	82.9	124.3	
192	17.4	13.9	20.9	

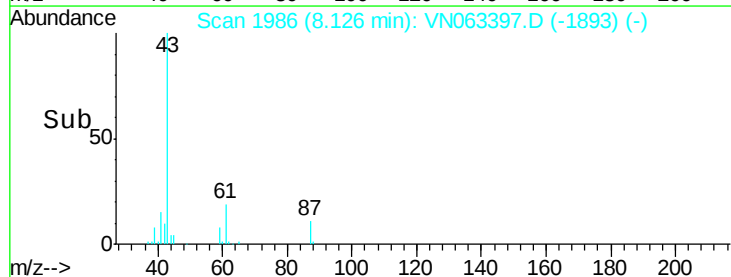
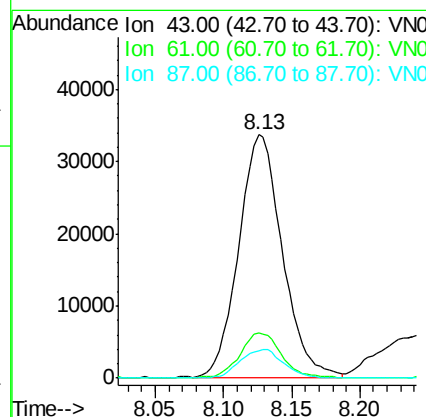
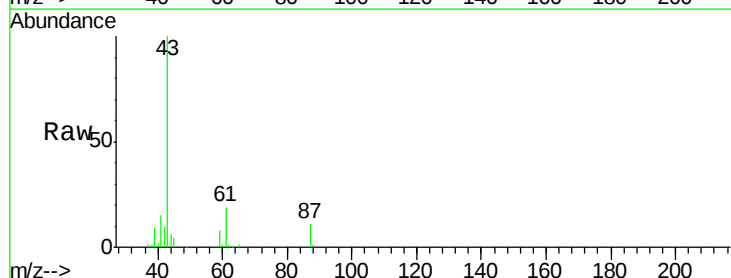
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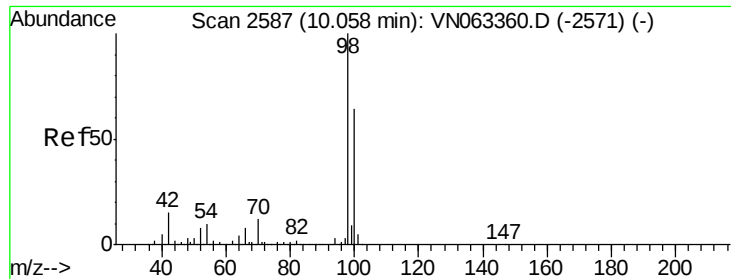
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#43
 Isopropyl Acetate
 Concen: 9.144 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN063397.D
 Acq: 17 Sep 2020 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	17.7	14.2	21.2	
87	11.7	9.0	13.6	





#50

Toluene-d8

Concen: 49.273 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063397.D

Acq: 17 Sep 2020 5:03

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-6E-(C-0)

Tot Ion: 98 Resp: 563734

Ion Ratio Lower Upper

98 100

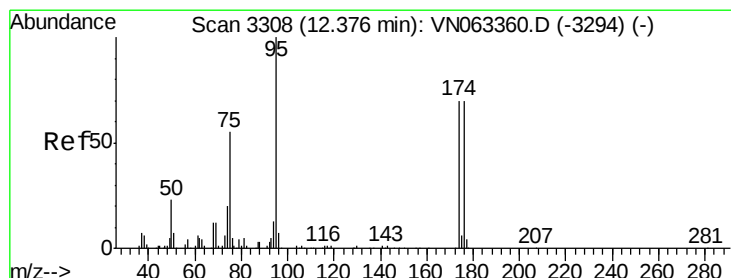
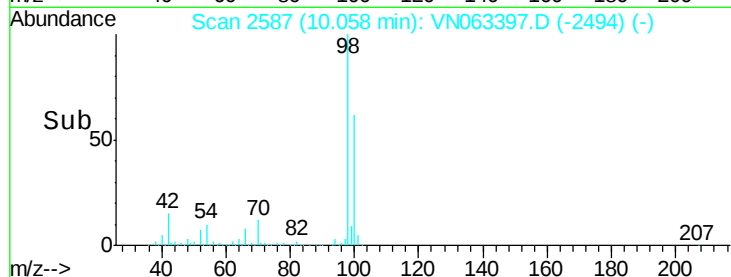
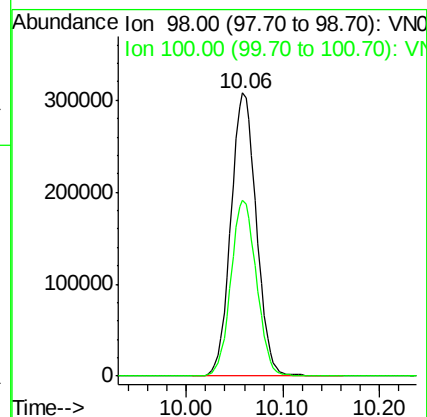
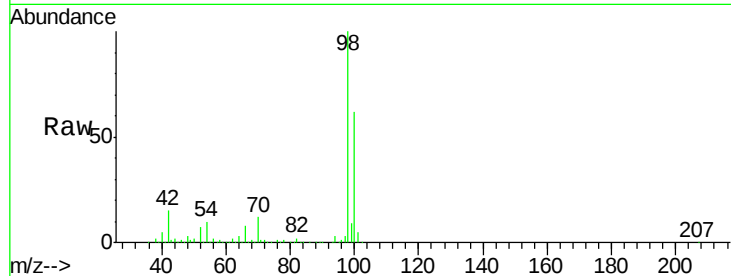
100 62.4 50.7 76.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.375 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063397.D

Acq: 17 Sep 2020 5:03

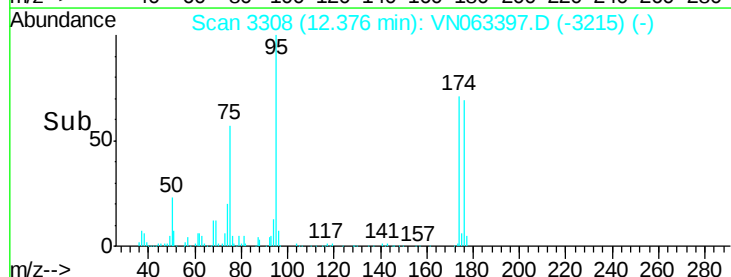
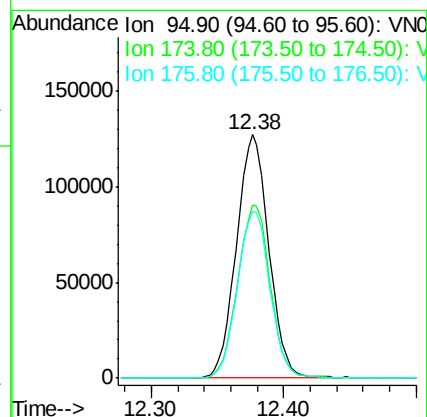
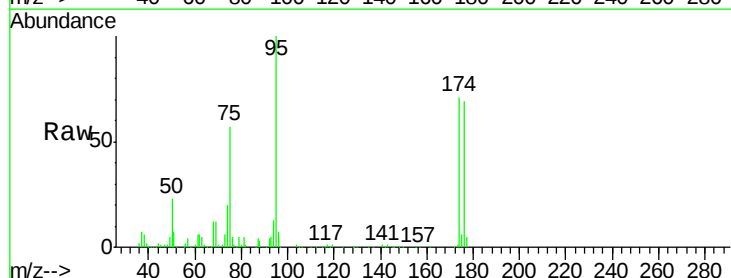
Tgt Ion: 95 Resp: 215473

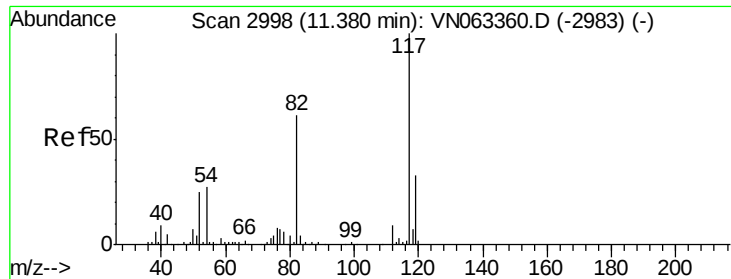
Ion Ratio Lower Upper

95 100

174 71.7 0.0 140.8

176 69.3 0.0 137.6





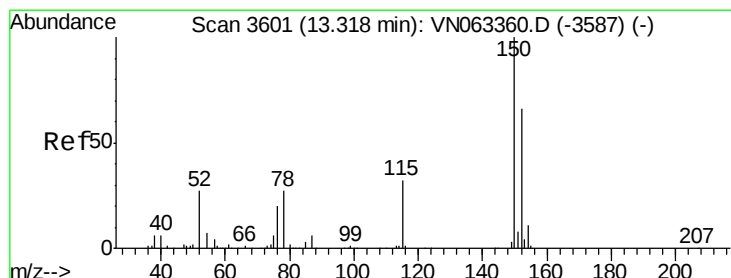
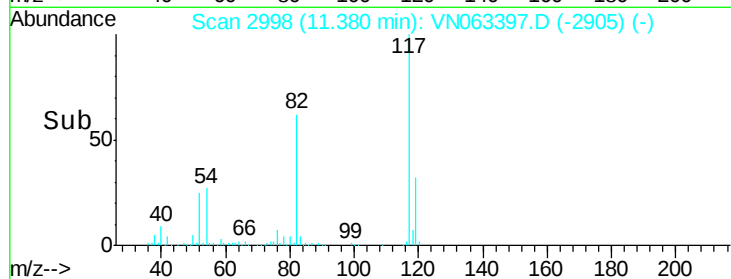
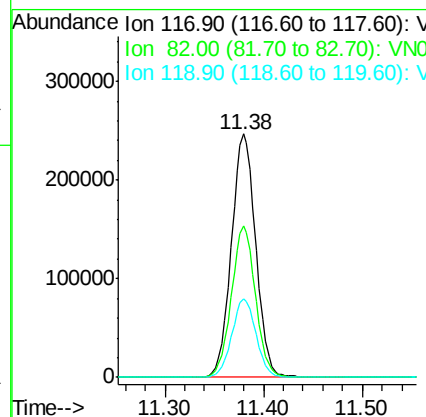
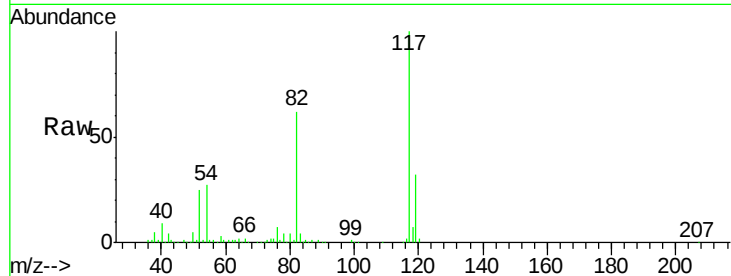
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063397.D
Acq: 17 Sep 2020 5:03

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	426015		
82	62.0	49.2	73.8	
119	32.1	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: VN063397.D
Acq: 17 Sep 2020 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	182475		
115	64.0	32.2	96.6	
150	157.6	0.0	343.4	

