

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063694.D
 Acq On : 25 Sep 2020 21:30
 Operator : JC/MD
 Sample : L4133-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

Manual Integrations
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MMDadoda
 9/29/2020 10:41:05 AM

Quant Time: Sep 28 03:24:29 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	196450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	361864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	370314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	151270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167871	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	7.55	113	124944	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	10.06	98	466087	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.38	95	180966	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	1102	0.374	ug/l #	85
4) Vinyl Chloride	2.17	62	2185	0.838	ug/l	98
16) Acetone	3.78	43	7030	6.541	ug/l	95
27) cis-1,2-Dichloroethene	6.79	96	36682	13.195	ug/l	91
30) Chloroform	7.33	83	1837m	0.375	ug/l	
44) Trichloroethene	8.80	130	11678	4.375	ug/l	81
52) Toluene	10.13	92	3198	0.483	ug/l	99
64) Tetrachloroethene	10.60	164	127694	50.641	ug/l	98
65) Chlorobenzene	11.41	112	4407	0.561	ug/l #	84

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

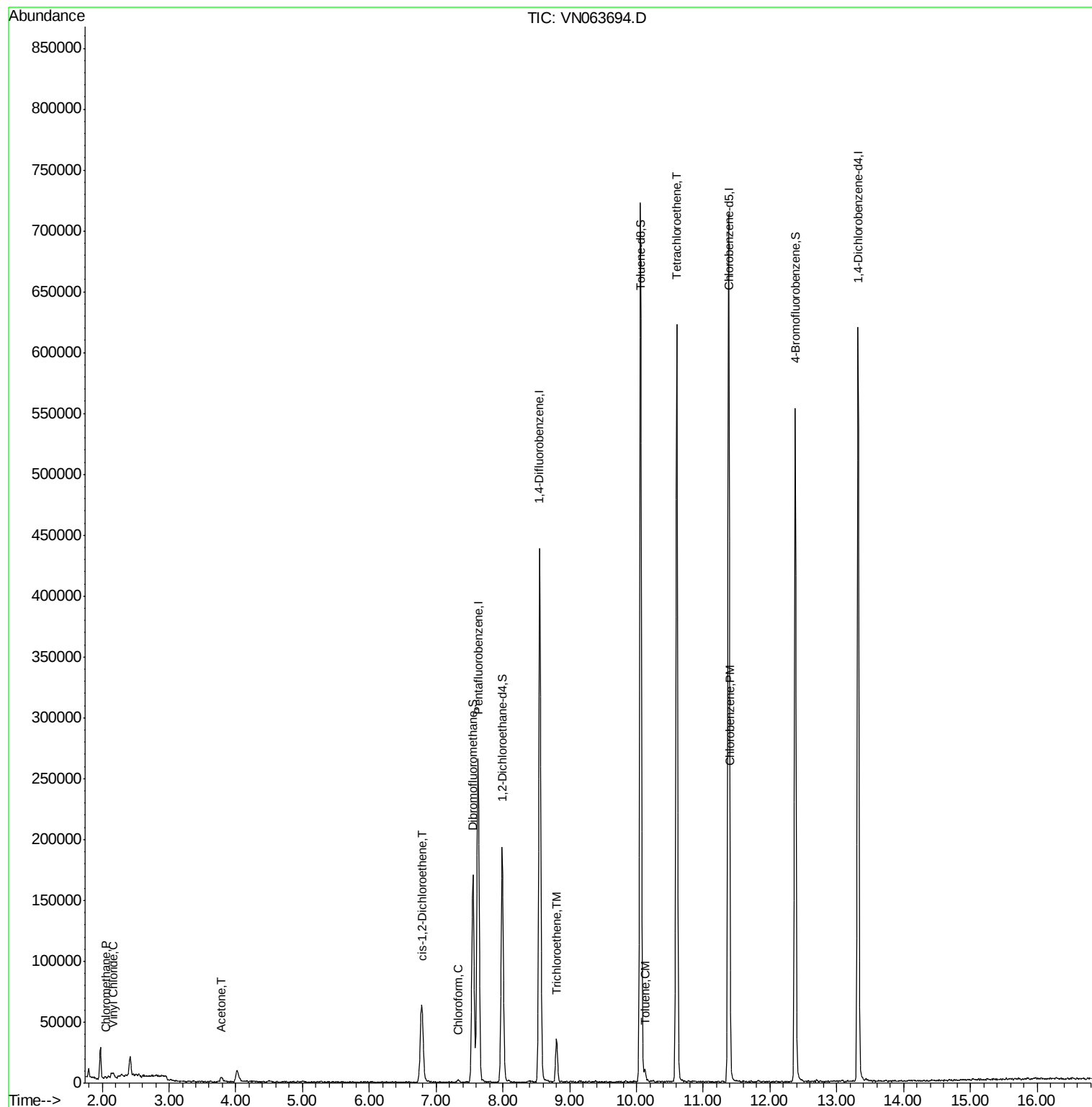
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092520\
Data File : VN063694.D
Acq On : 25 Sep 2020 21:30
Operator : JC/MD
Sample : L4133-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

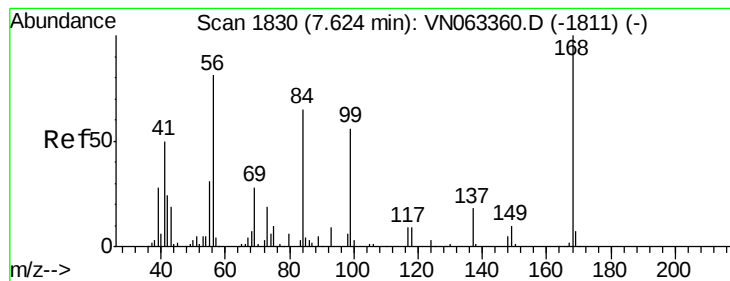
Instrument :
MSVOA_N
ClientSampleId :
MW3

Manual Integrations
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Quant Time: Sep 28 03:24:29 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: VN063694.D

Acq: 25 Sep 2020 21:30

Instrument :

MSVOA_N

ClientSampled :

MW3

Tot Ion:168 Resp: 196450

Ion Ratio Lower Upper

168 100

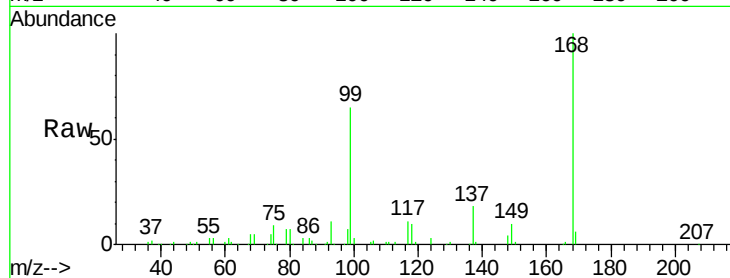
99 64.8 53.0 79.6

Manual Integrations

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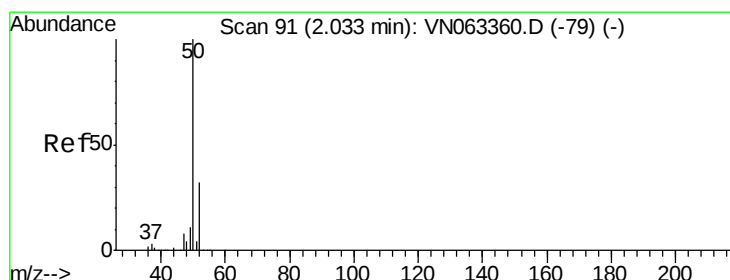
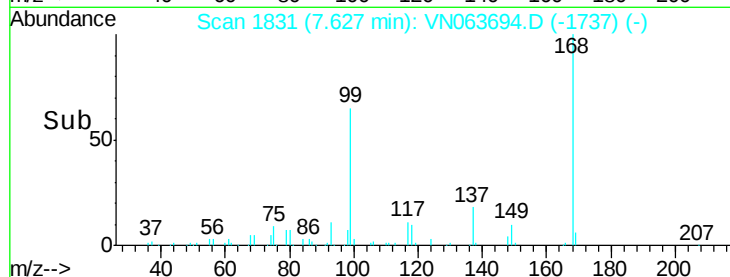
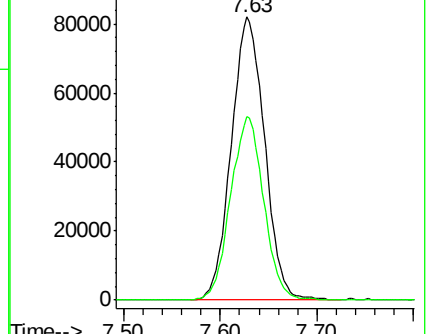
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.374 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063694.D

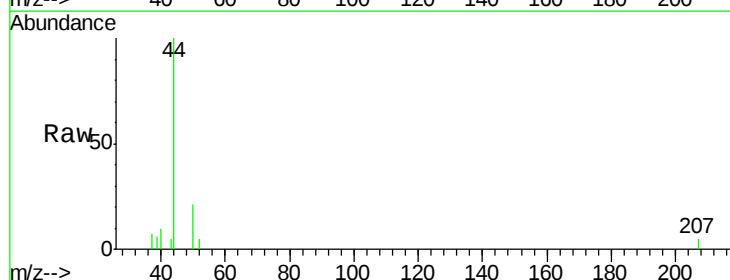
Acq: 25 Sep 2020 21:30

Tgt Ion: 50 Resp: 1102

Ion Ratio Lower Upper

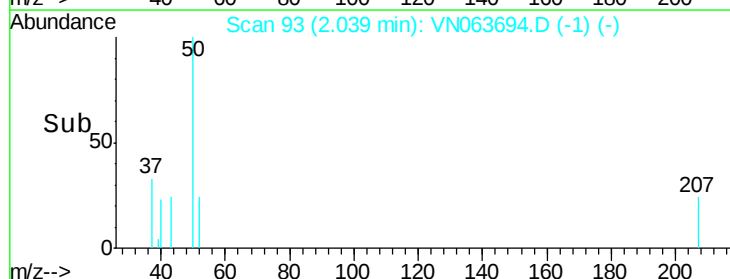
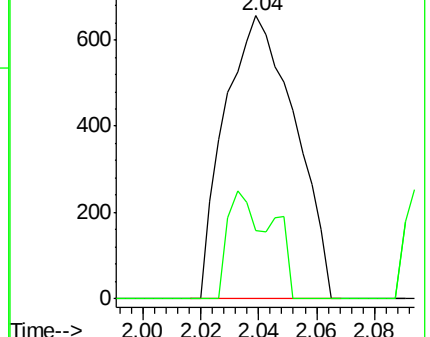
50 100

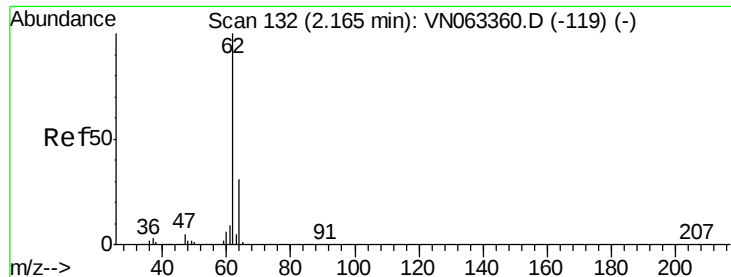
52 24.2 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#4

Vinyl Chloride

Concen: 0.838 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063694.D

Acq: 25 Sep 2020 21:30

Instrument :

MSVOA_N

ClientSampled :

MW3

Tot Ion: 62 Resp: 2185

Ion Ratio Lower Upper

62 100

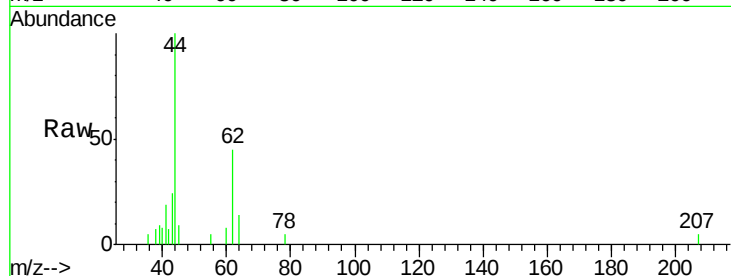
64 30.6 25.1 37.7

Manual Integrations

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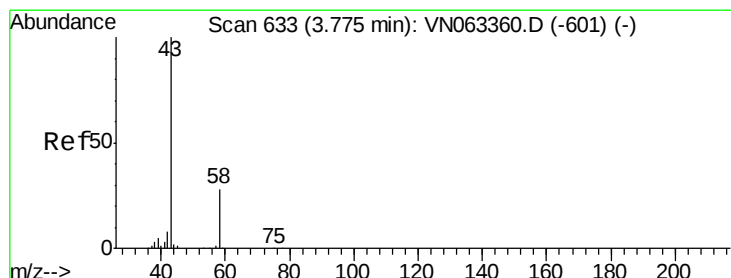
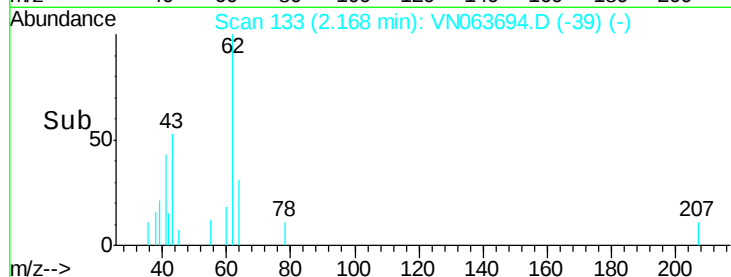
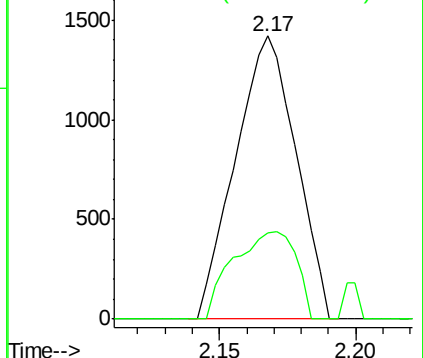
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Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#16

Acetone

Concen: 6.541 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063694.D

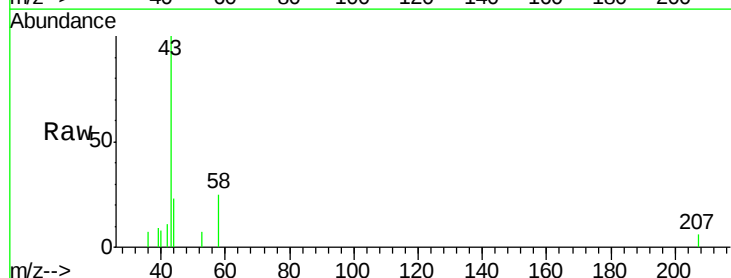
Acq: 25 Sep 2020 21:30

Tgt Ion: 43 Resp: 7030

Ion Ratio Lower Upper

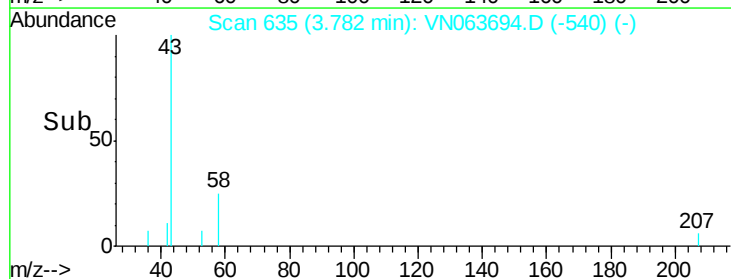
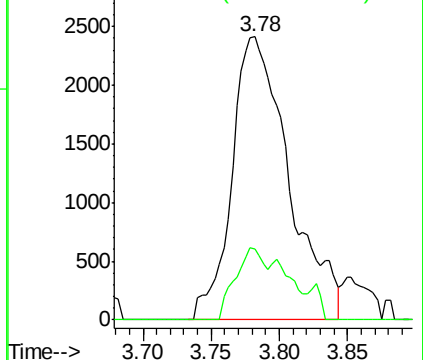
43 100

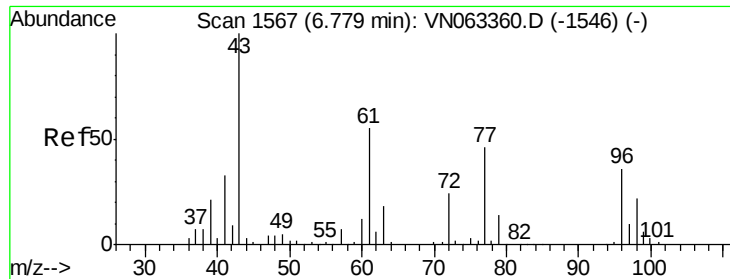
58 25.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





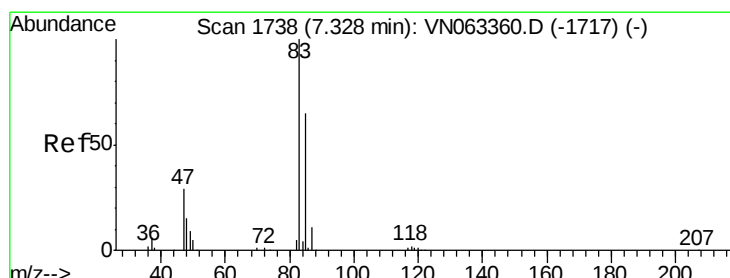
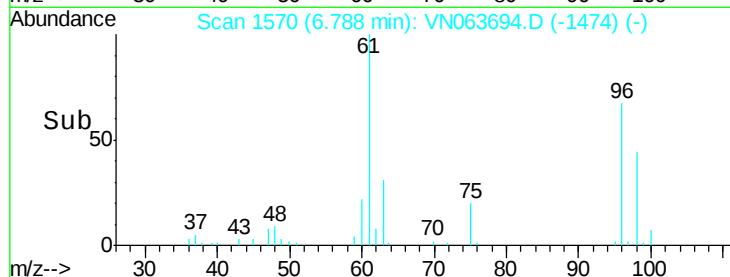
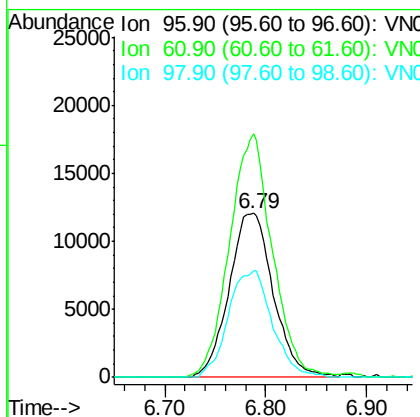
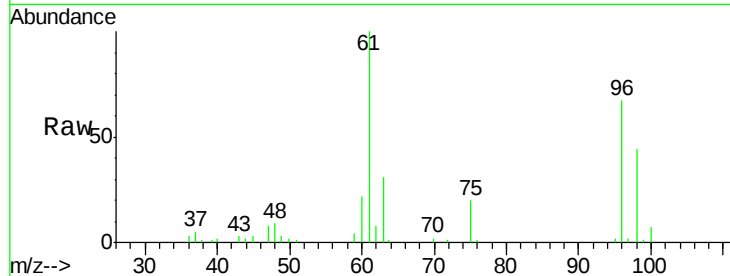
#27
 cis-1,2-Dichloroethene
 Concen: 13.195 ug/l
 RT: 6.79 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VN063694.D
 Acq: 25 Sep 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

Tot Ion	Ratio	Resp	Lower	Upper
96	100	36682		
61	144.1	0.0	319.6	
98	64.6	0.0	127.8	

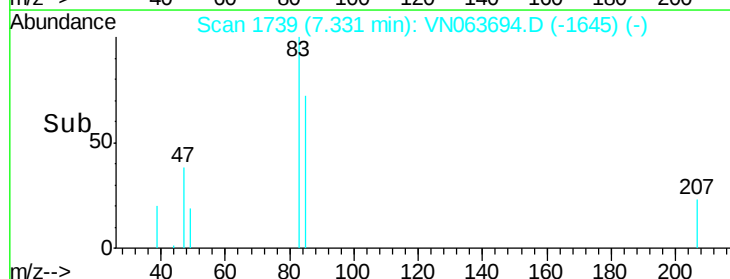
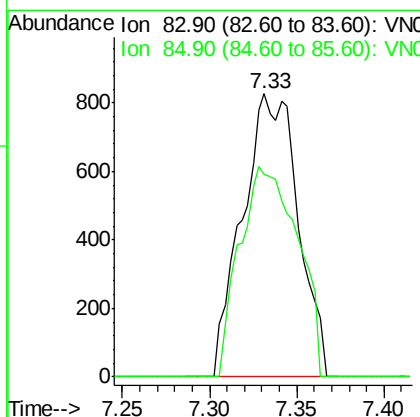
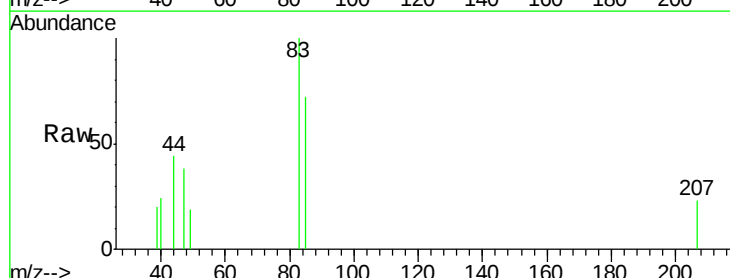
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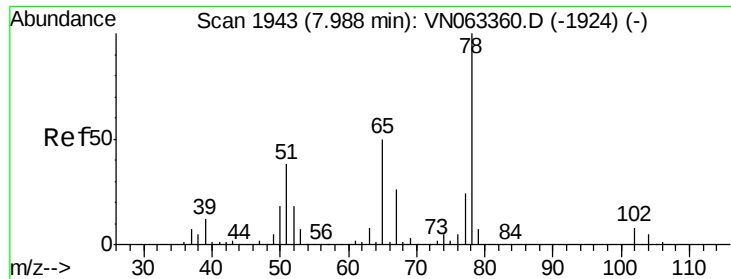
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#30
 Chloroform
 Concen: 0.375 ug/l m
 RT: 7.33 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: VN063694.D
 Acq: 25 Sep 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	1837		
85	71.6	52.1	78.1	





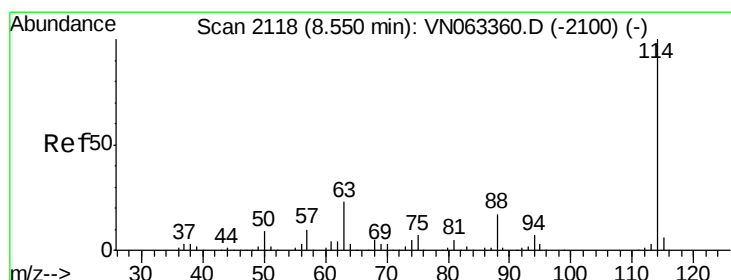
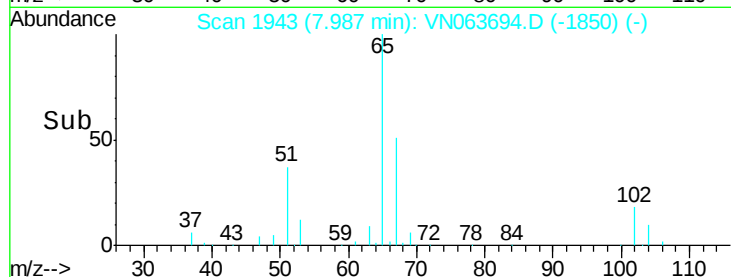
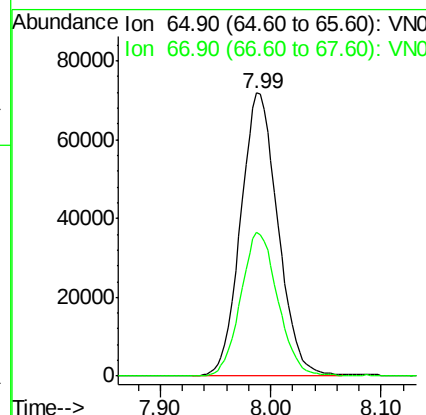
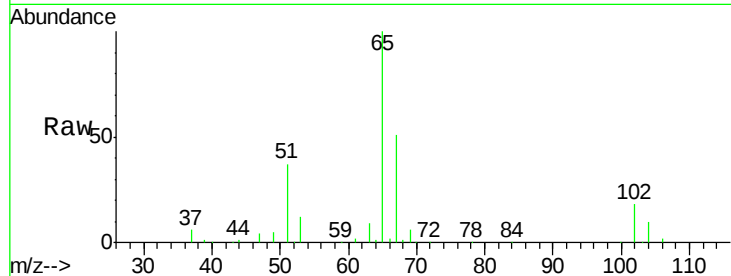
#33
 1,2-Dichloroethane-d4
 Concen: 50.199 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063694.D
 Acq: 25 Sep 2020 21:30

Instrument :
 MSVOA_N
 ClientSampled :
 MW3

Tot Ion	Ratio	Resp	Lower	Upper
65	100	167871		
67	50.7	0.0	104.2	

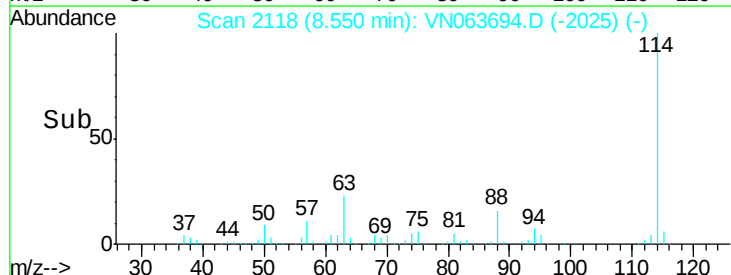
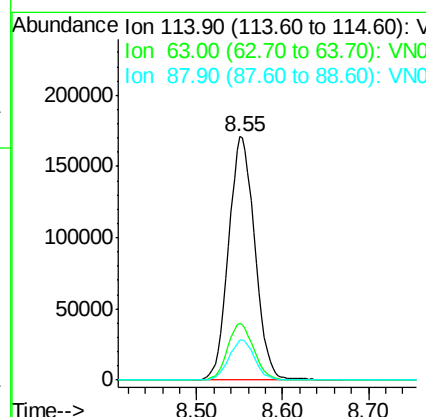
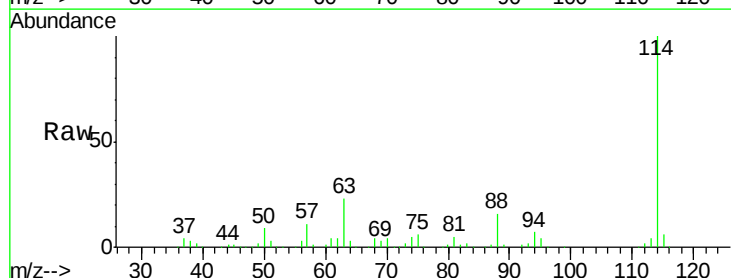
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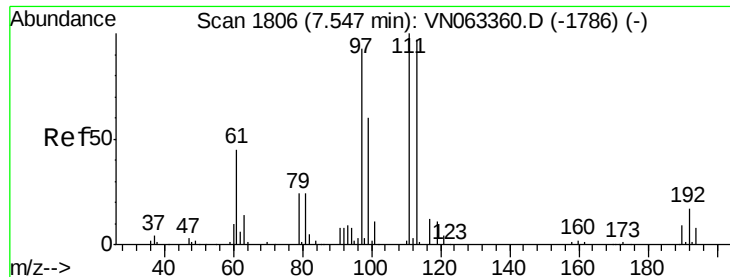
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063694.D
 Acq: 25 Sep 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	361864		
63	23.5	0.0	46.4	
88	16.2	0.0	33.2	





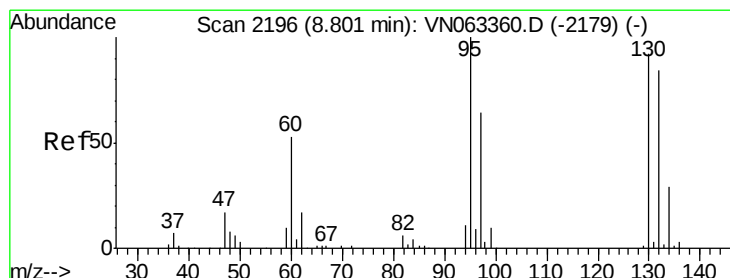
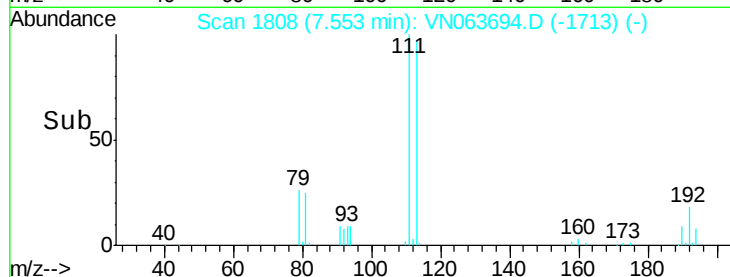
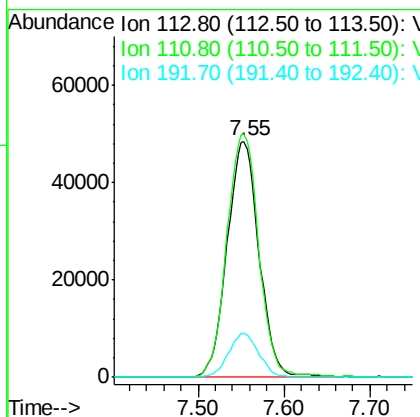
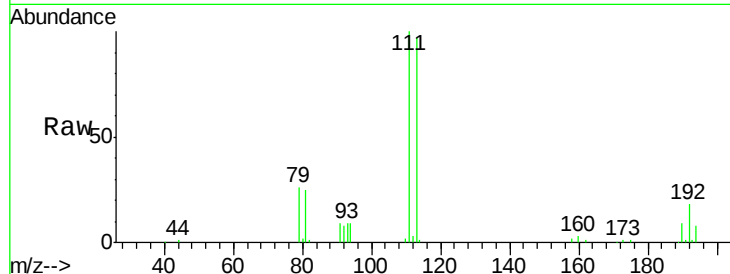
#35
Dibromofluoromethane
Concen: 49.876 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN063694.D
Acq: 25 Sep 2020 21:30

Instrument :
MSVOA_N
ClientSampled :
MW3

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124944		
111	103.5	82.9	124.3	
192	17.7	13.9	20.9	

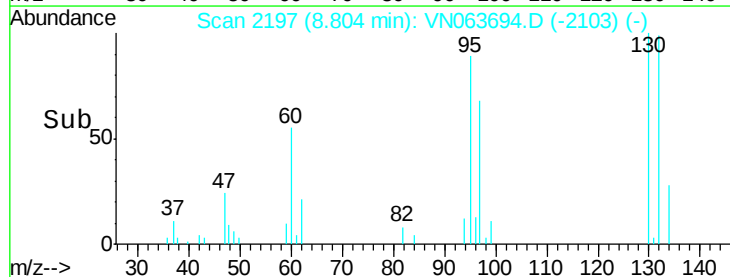
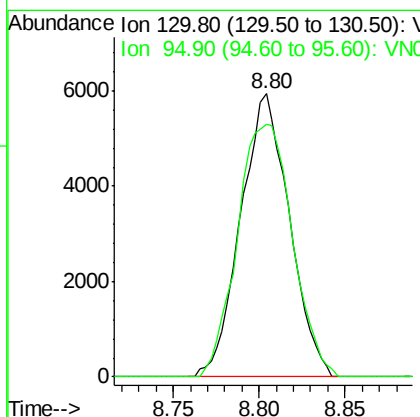
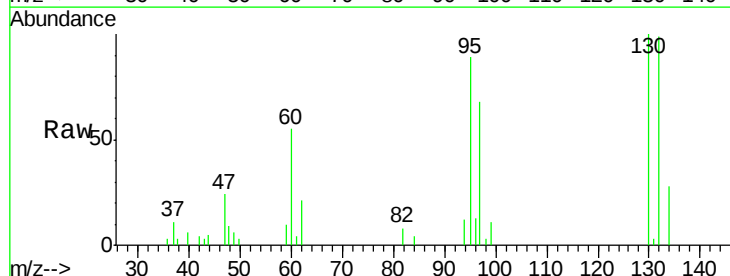
Manual Integrations
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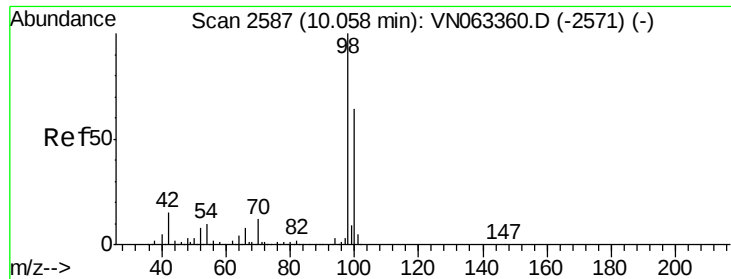
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#44
Trichloroethene
Concen: 4.375 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063694.D
Acq: 25 Sep 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	11678		
95	89.2	0.0	217.4	





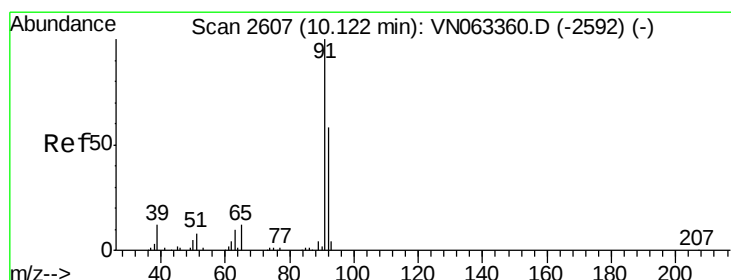
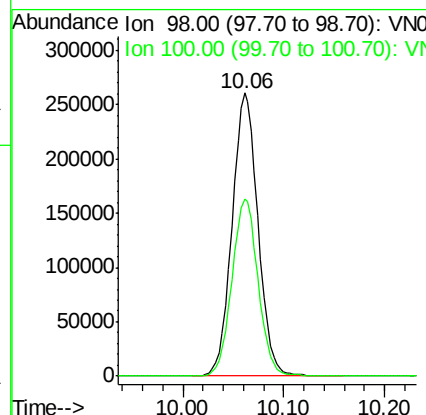
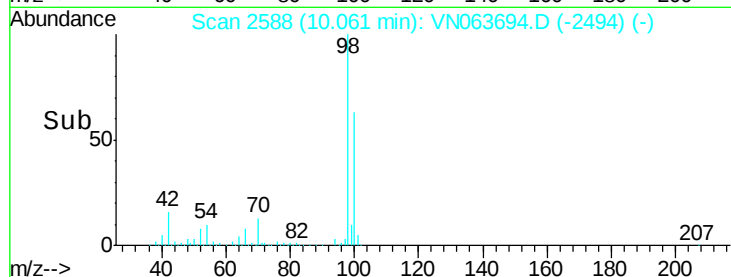
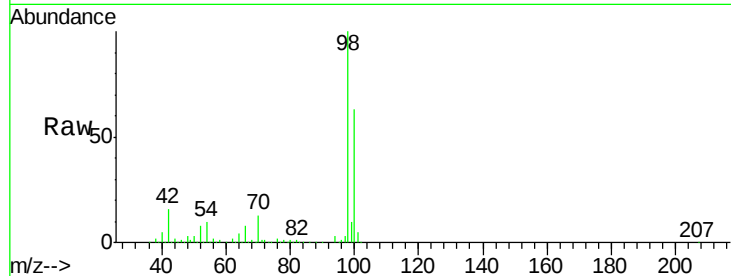
#50
Toluene-d8
Concen: 49.480 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063694.D
Acq: 25 Sep 2020 21:30

Instrument :
MSVOA_N
ClientSampled :
MW3

Tot Ion: 98 Resp: 466087
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1

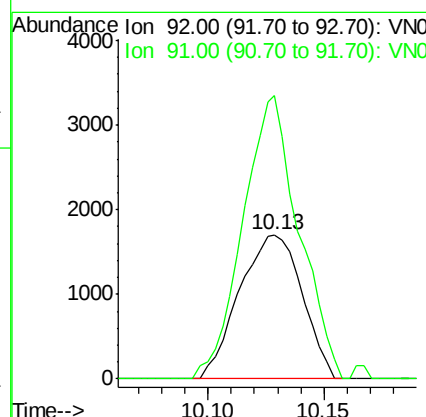
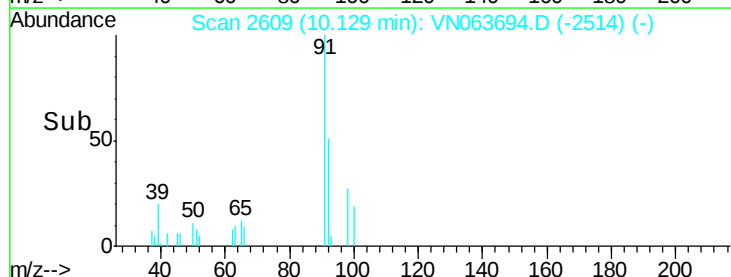
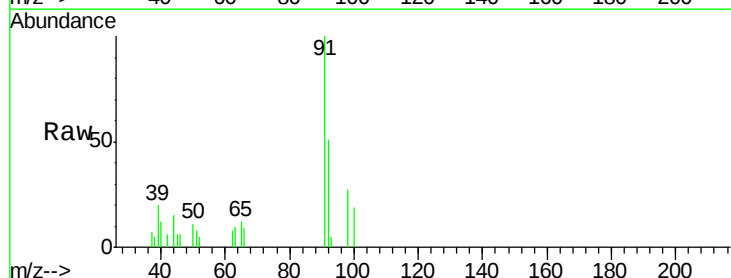
Manual Integrations
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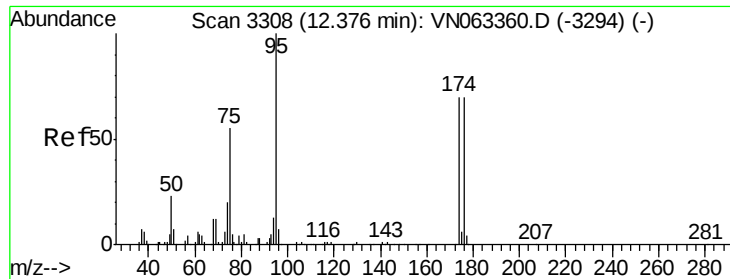
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#52
Toluene
Concen: 0.483 ug/l
RT: 10.13 min Scan# 2609
Delta R.T. 0.01 min
Lab File: VN063694.D
Acq: 25 Sep 2020 21:30

Tgt Ion: 92 Resp: 3198
Ion Ratio Lower Upper
92 100
91 175.4 139.7 209.5





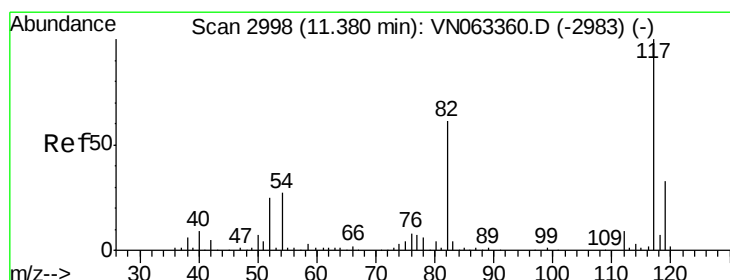
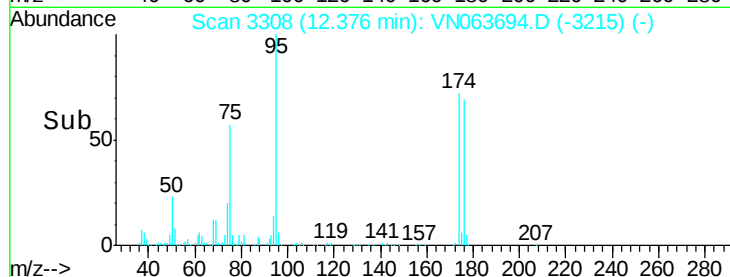
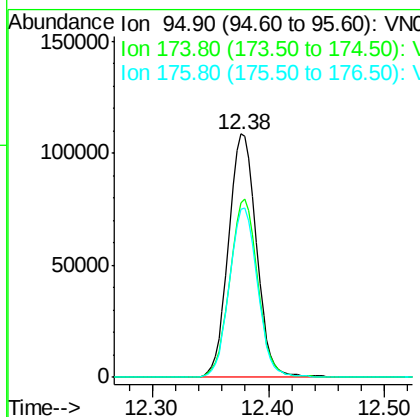
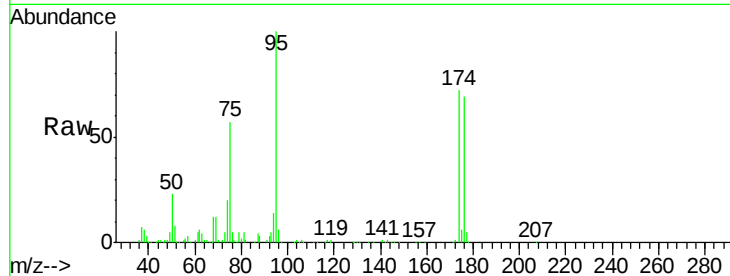
#62
4-Bromofluorobenzene
Concen: 52.407 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063694.D
Acq: 25 Sep 2020 21:30

Instrument :
MSVOA_N
ClientSampled :
MW3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	180966		
174	73.2	0.0	140.8	
176	69.9	0.0	137.6	

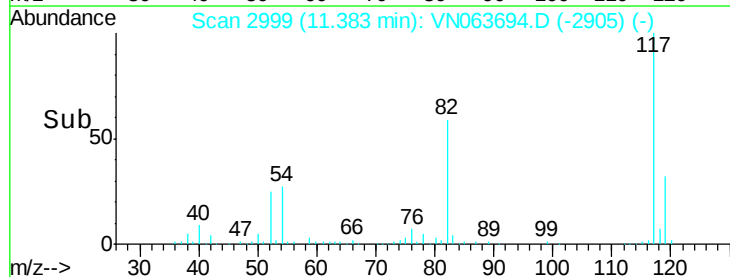
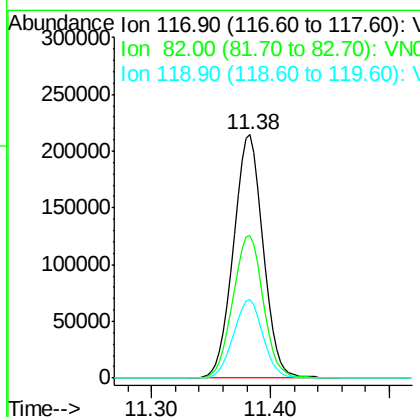
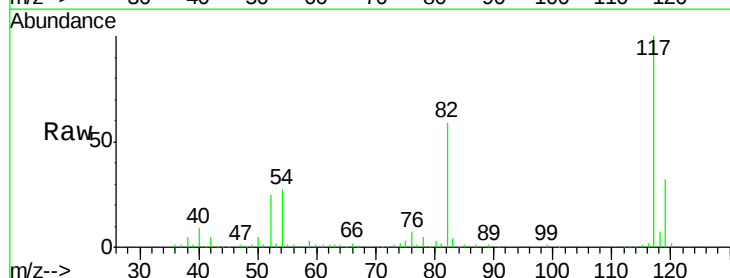
Manual Integrations
APPROVED

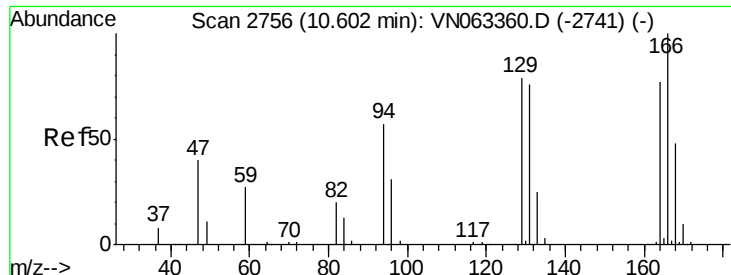
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9/29/2020 10:41:05 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063694.D
Acq: 25 Sep 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	370314		
82	58.6	49.2	73.8	
119	32.3	26.2	39.4	





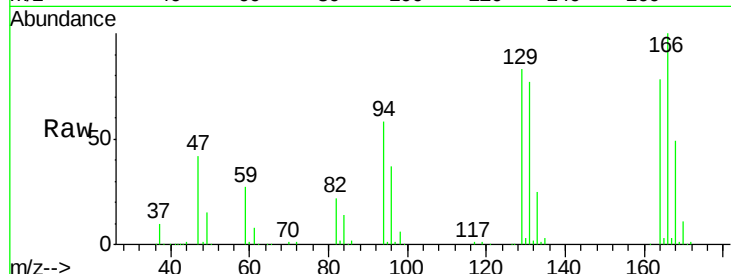
#64
Tetrachloroethene
Concen: 50.641 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063694.D
Acq: 25 Sep 2020 21:30

Instrument :
MSVOA_N
ClientSampled :
MW3

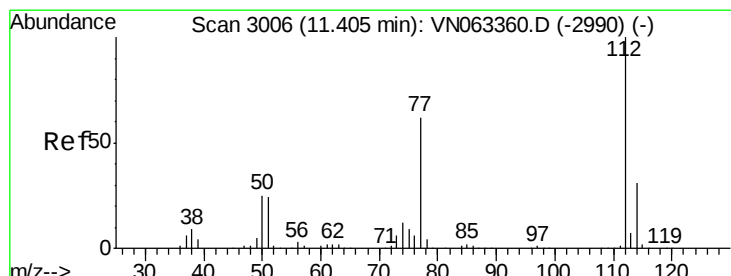
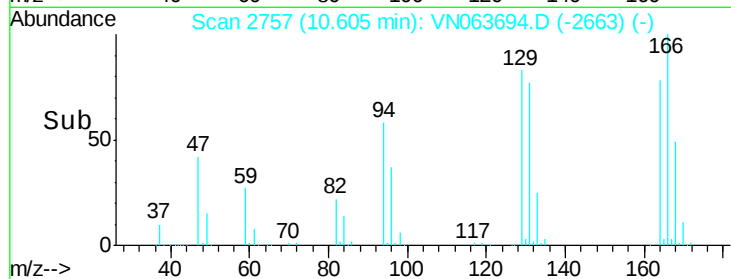
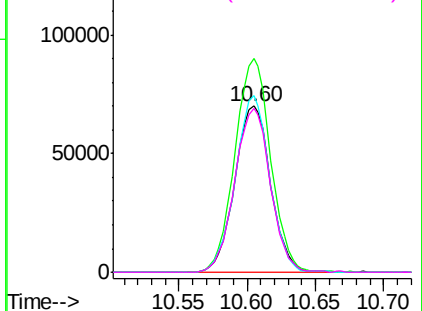
Tot Ion	Ratio	Lower	Upper
164	100		
166	128.8	103.4	155.0
129	106.5	81.8	122.6
131	98.8	78.2	117.4

Manual Integrations
APPROVED

MMDadoda
9/29/2020 10:41:05 AM

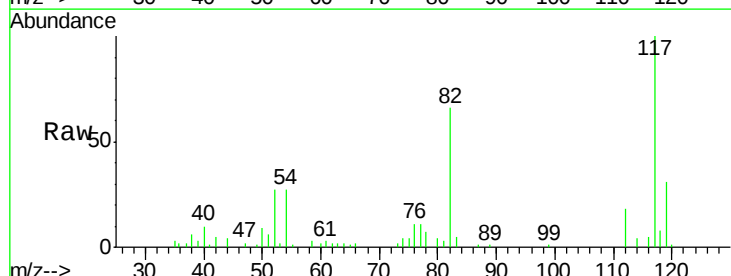


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

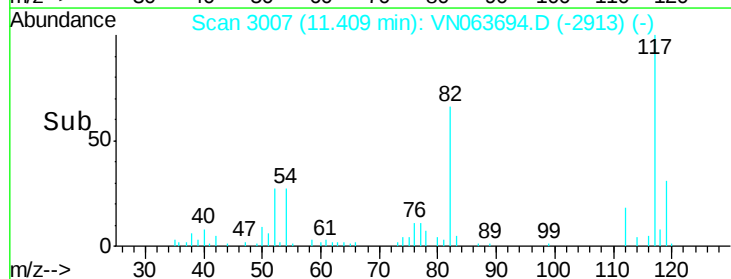
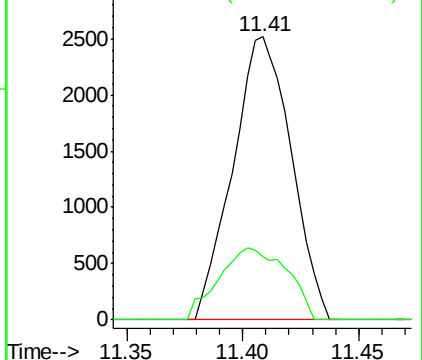


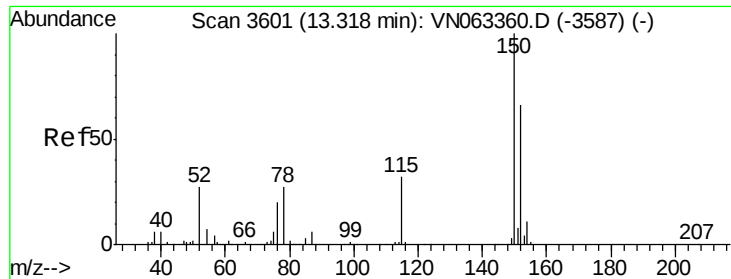
#65
Chlorobenzene
Concen: 0.561 ug/l
RT: 11.41 min Scan# 3007
Delta R.T. 0.00 min
Lab File: VN063694.D
Acq: 25 Sep 2020 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
114	22.3	25.0	37.6#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063694.D

Acq: 25 Sep 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

MW3

Tot Ion:152 Resp: 151270

Ion Ratio Lower Upper

152 100

115 63.8 32.2 96.6

150 155.7 0.0 343.4

Manual Integrations

APPROVED

MMDadoda

9/29/2020 10:41:05 AM

