

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064527.D
 Acq On : 10 Nov 2020 15:48
 Operator : JC/MD
 Sample : L4684-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-418-420

Manual Integrations
 APPROVED

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 11/11/2020 1:01:49 PM

Quant Time: Nov 11 02:56:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	235769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	494114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	228244	55.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.16%	
35) Dibromofluoromethane	7.55	113	169252	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
50) Toluene-d8	10.06	98	614439	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.38	95	231988	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
Target Compounds						
12) 1,1-Dichloroethene	3.69	96	5847	2.319	ug/l	83
27) cis-1,2-Dichloroethene	6.78	96	95440	28.769	ug/l	88
30) Chloroform	7.33	83	2525m	0.417	ug/l	
44) Trichloroethene	8.80	130	1002262	274.845	ug/l	99
45) 1,2-Dichloropropane	9.09	63	99563	25.816	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	1308	0.380	ug/l #	83
64) Tetrachloroethene	10.60	164	67039	17.613	ug/l	92
76) 1,2,3-Trichloropropane	12.53	75	10595	2.451	ug/l #	100

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

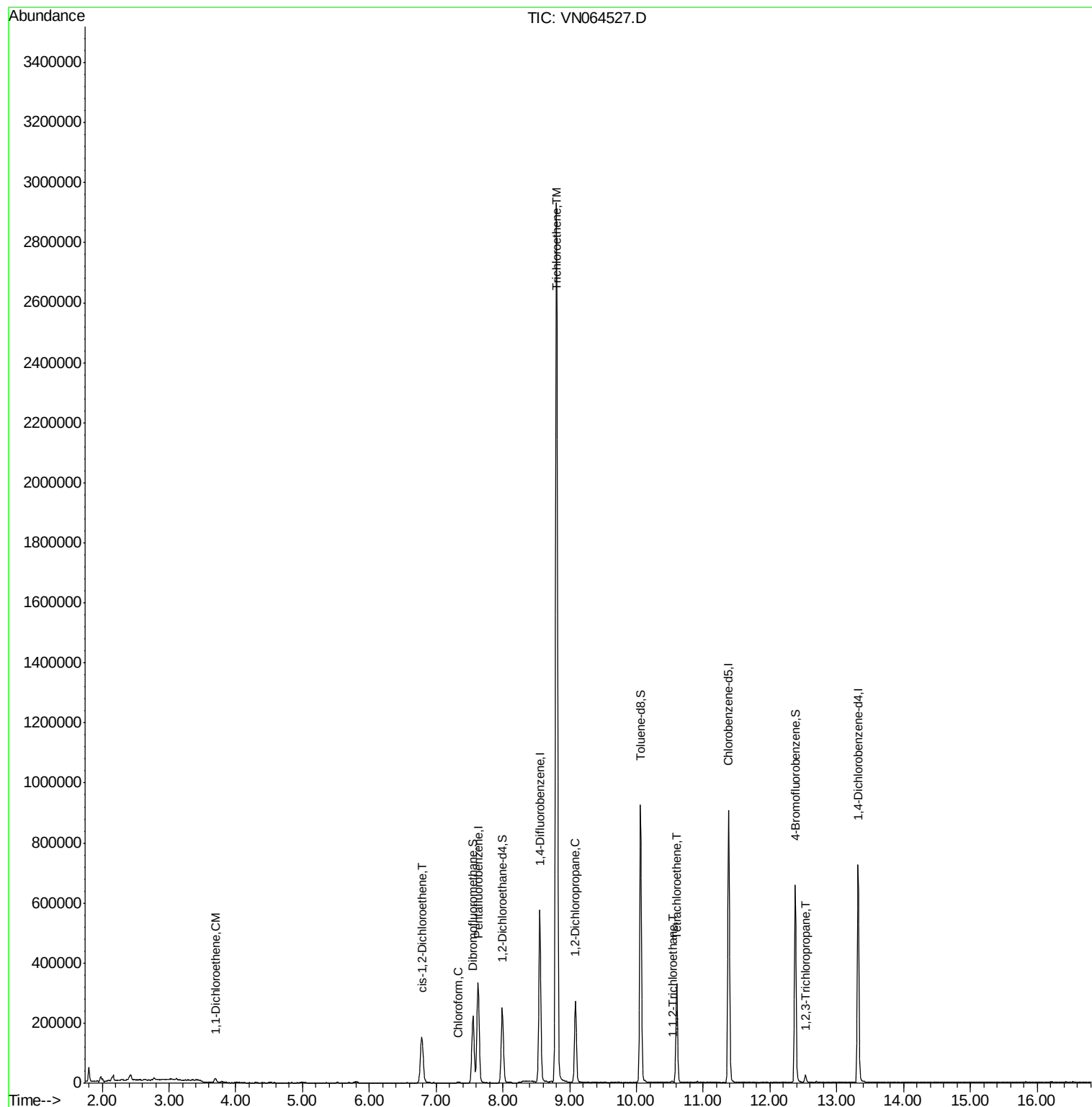
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
Data File : VN064527.D
Acq On : 10 Nov 2020 15:48
Operator : JC/MD
Sample : L4684-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

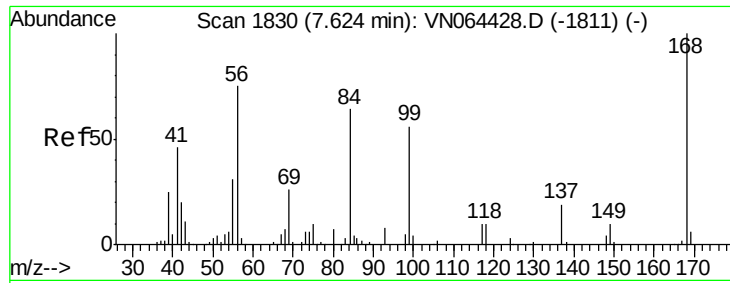
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-418-420

Manual Integrations
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Quant Time: Nov 11 02:56:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 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: VN064527.D

Acq: 10 Nov 2020 15:48

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-418-420

Tot Ion:168 Resp: 235769

Ion Ratio Lower Upper

168 100

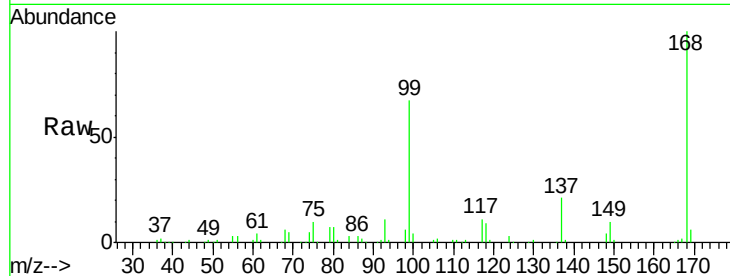
99 66.9 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN064428.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1811) (-)

7.63

100000

80000

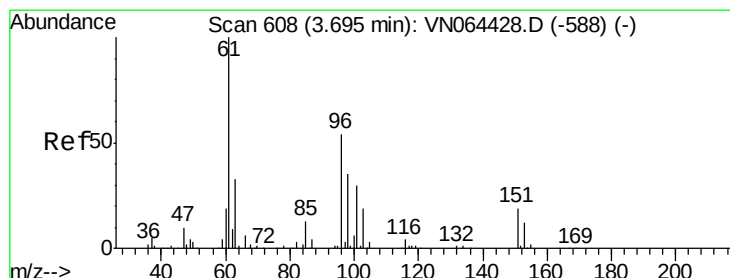
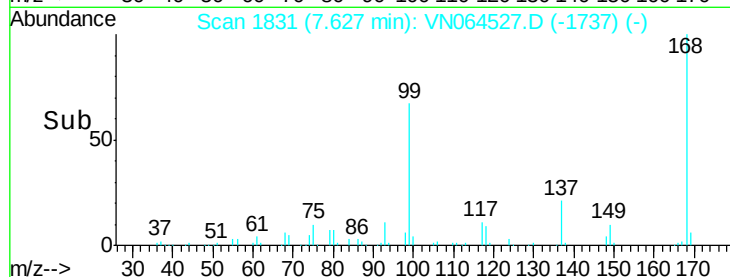
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 2.319 ug/l

RT: 3.69 min Scan# 607

Delta R.T. -0.00 min

Lab File: VN064527.D

Acq: 10 Nov 2020 15:48

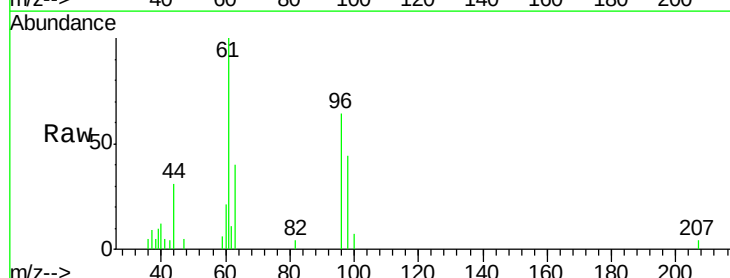
Tgt Ion: 96 Resp: 5847

Ion Ratio Lower Upper

96 100

61 157.2 149.5 224.3

98 69.6 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-588) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-588) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-588) (-)

3.69

6000

5000

4000

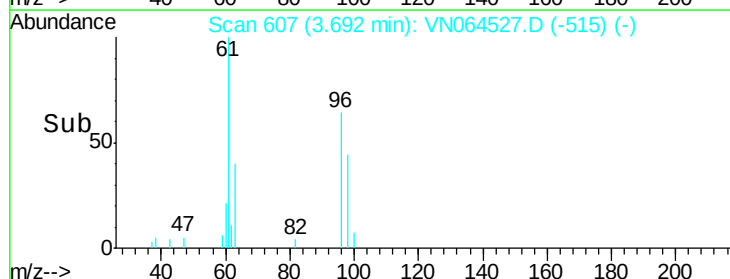
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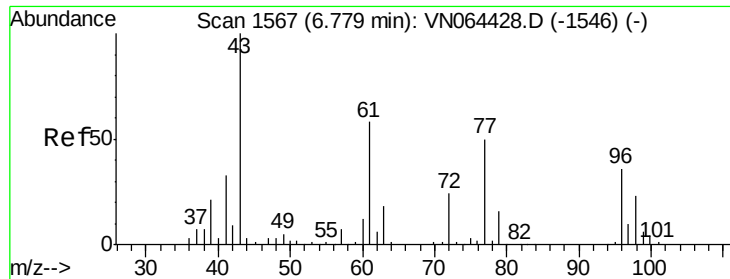
2000

1000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 28.769 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064527.D

Acq: 10 Nov 2020 15:48

Instrument :

MSVOA_N

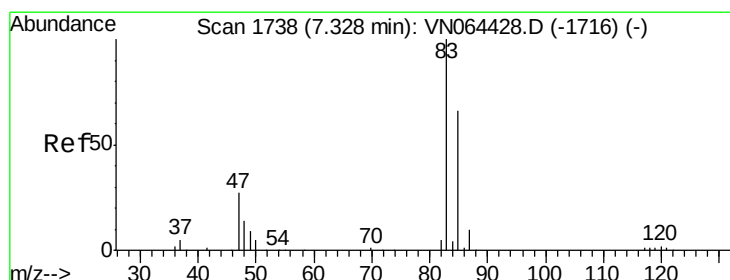
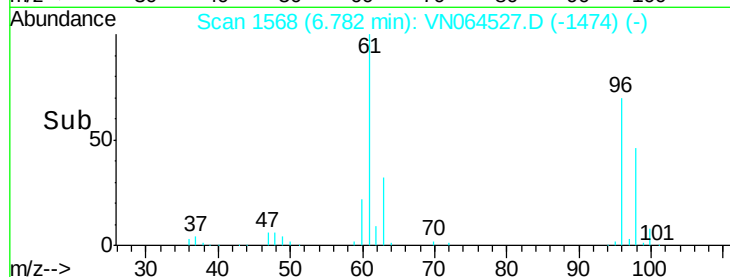
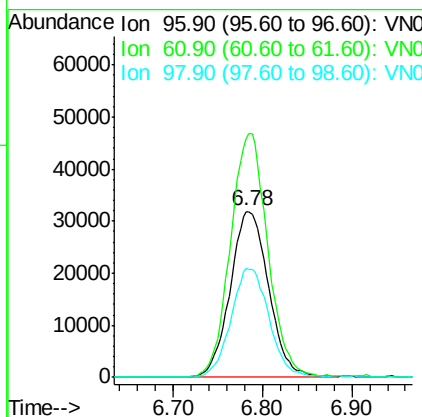
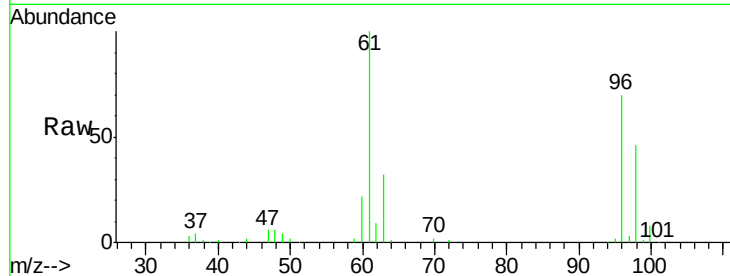
ClientSampleId :

BP-VPB178-GW-418-420

Tot Ion:	96	Resp:	95440
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	329.6
98	64.7	0.0	131.2

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#30

Chloroform

Concen: 0.417 ug/l m

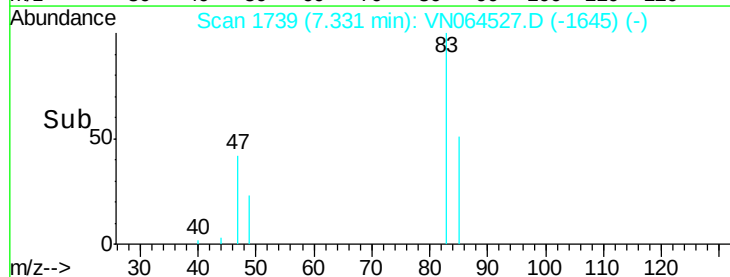
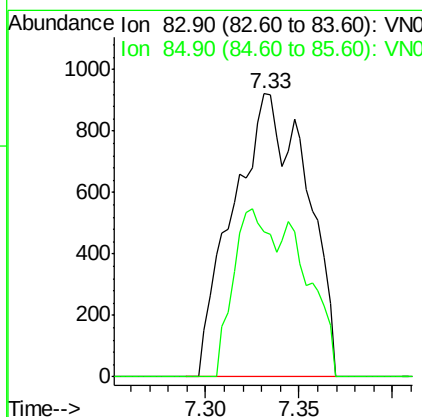
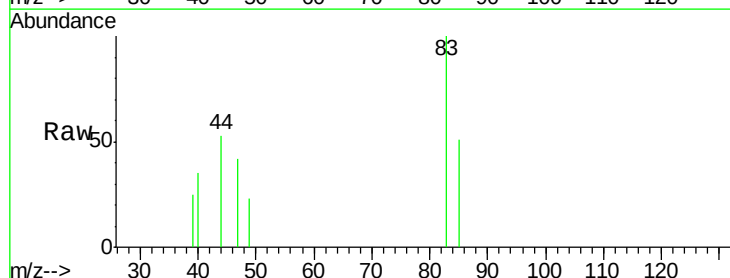
RT: 7.33 min Scan# 1739

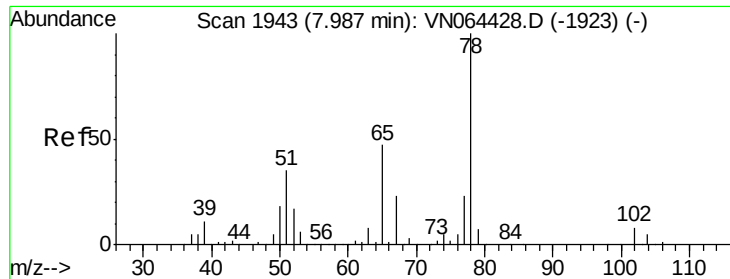
Delta R.T. 0.00 min

Lab File: VN064527.D

Acq: 10 Nov 2020 15:48

Tgt Ion:	83	Resp:	2525
Ion	Ratio	Lower	Upper
83	100		
85	51.3	52.5	78.7#





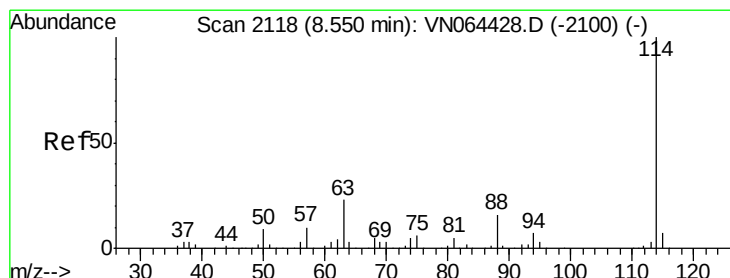
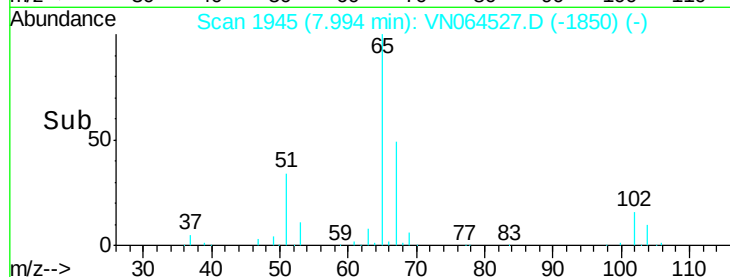
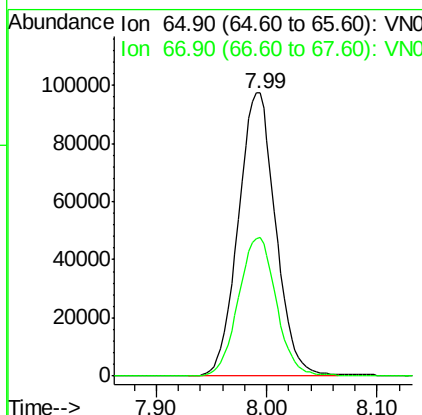
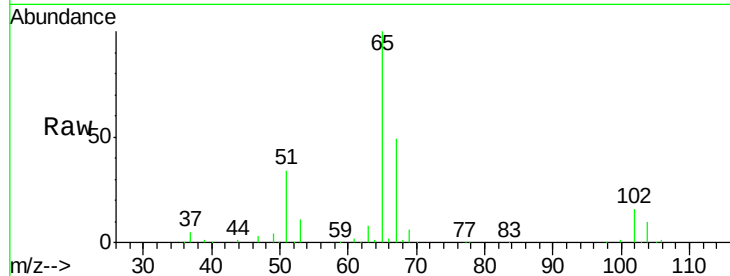
#33
 1,2-Dichloroethane-d4
 Concen: 55.578 ug/l
 RT: 7.99 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VN064527.D
 Acq: 10 Nov 2020 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-418-420

Tot Ion	Ratio	Resp	Lower	Upper
65	100	228244		
67	49.7	0.0	101.6	

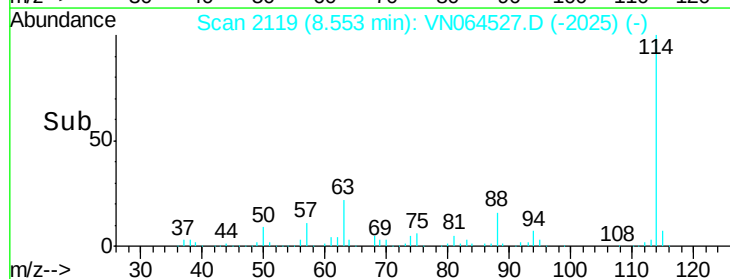
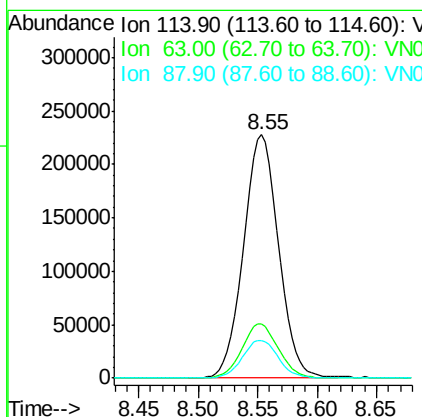
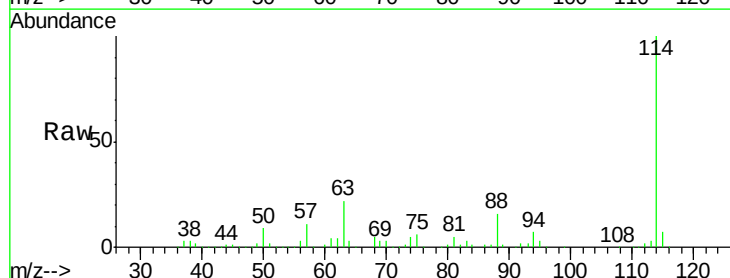
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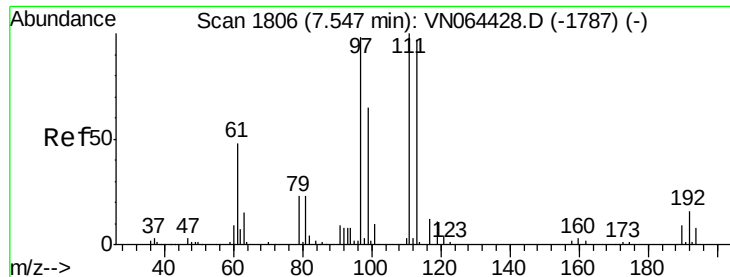
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064527.D
 Acq: 10 Nov 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	465596		
63	22.4	0.0	45.6	
88	15.7	0.0	32.8	





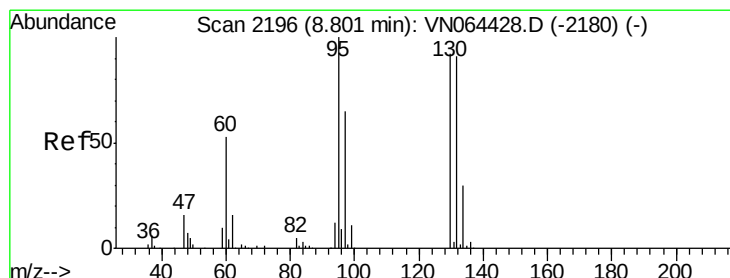
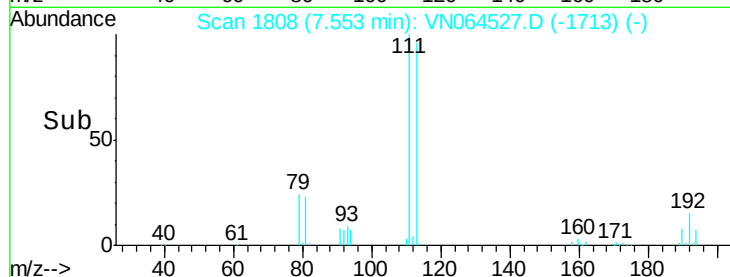
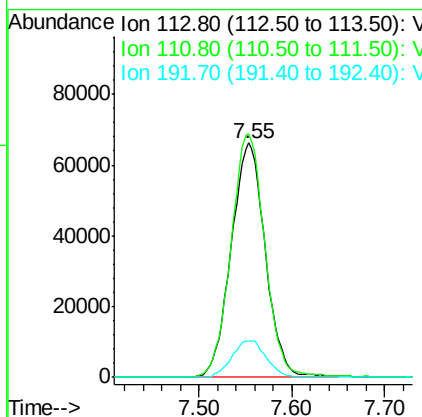
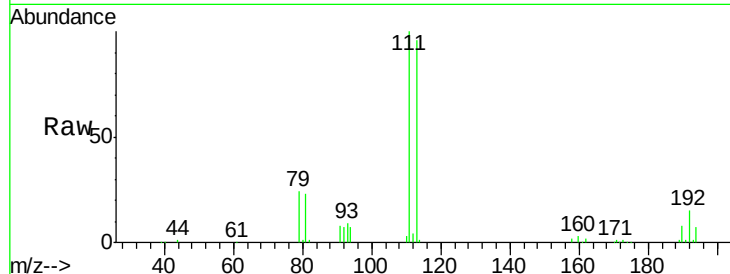
#35
Dibromofluoromethane
Concen: 53.391 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064527.D
Acq: 10 Nov 2020 15:48

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-418-420

Tot Ion	Ratio	Resp	Lower	Upper
113	100	169252		
111	103.3	81.1	121.7	
192	15.6	12.8	19.2	

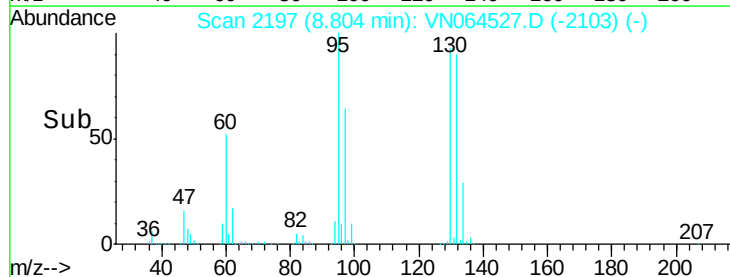
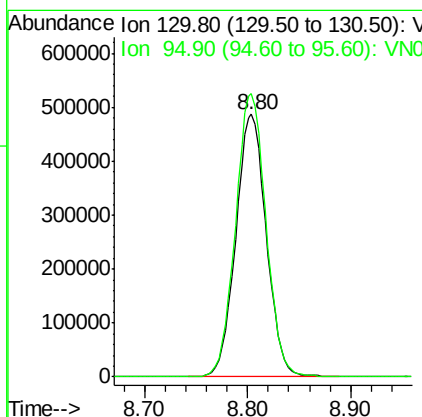
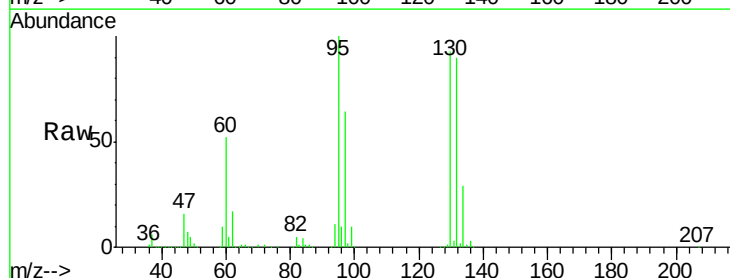
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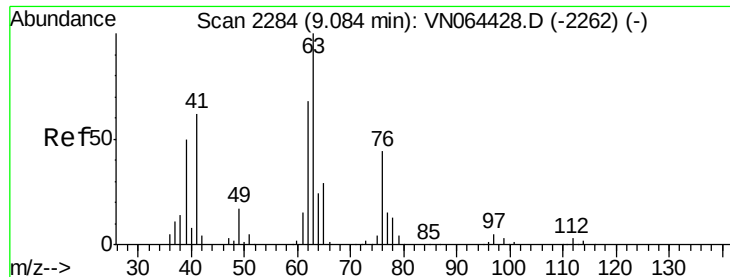
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#44
Trichloroethene
Concen: 274.845 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN064527.D
Acq: 10 Nov 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	1002262		
95	107.8	0.0	216.8	





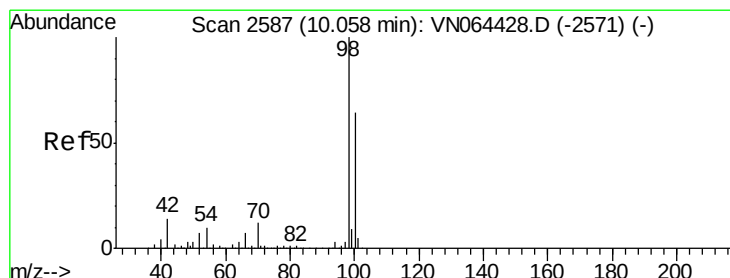
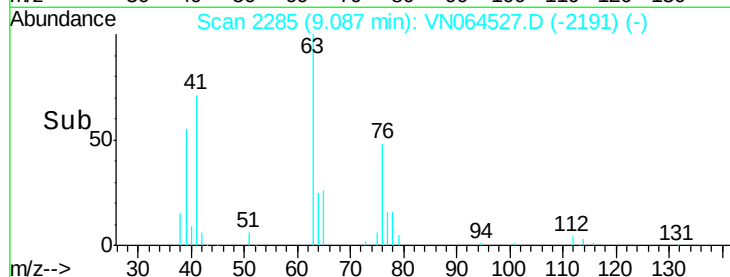
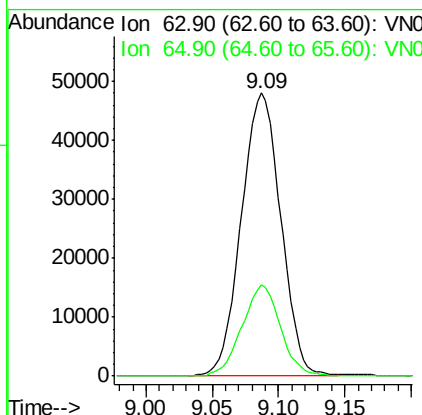
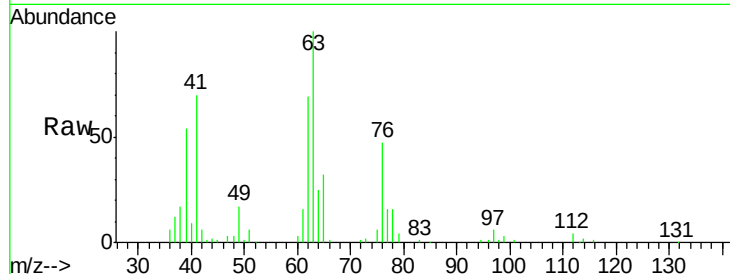
#45
 1,2-Dichloropropane
 Concen: 25.816 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064527.D
 Acq: 10 Nov 2020 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-418-420

Tot Ion: 63 Resp: 99563
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.6 35.4

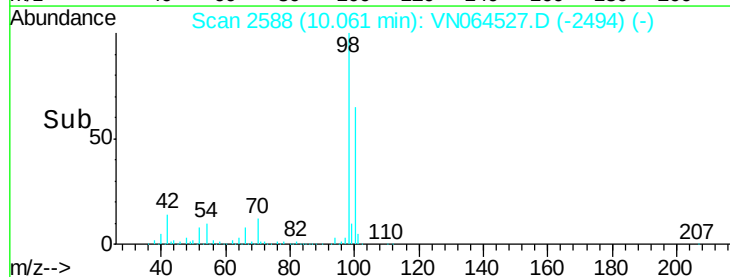
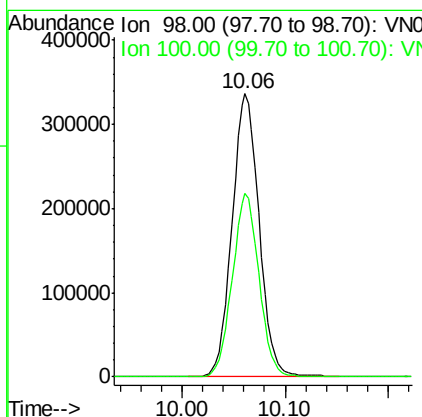
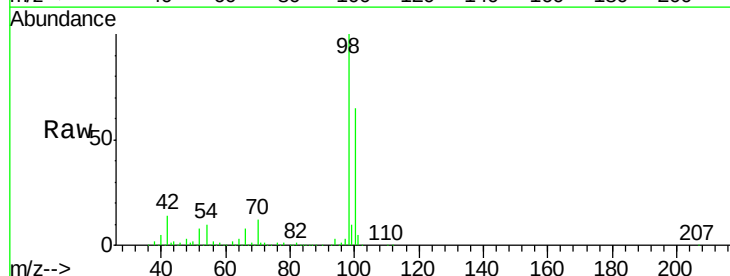
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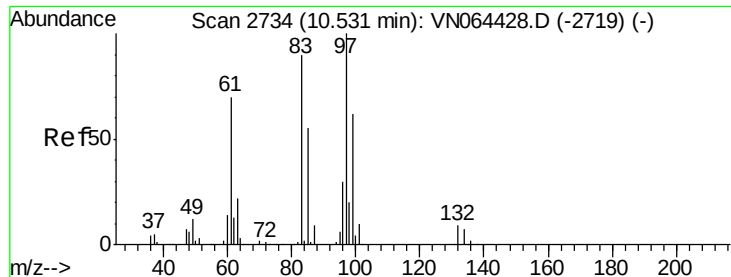
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#50
 Toluene-d8
 Concen: 50.149 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064527.D
 Acq: 10 Nov 2020 15:48

Tgt Ion: 98 Resp: 614439
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.7 76.1





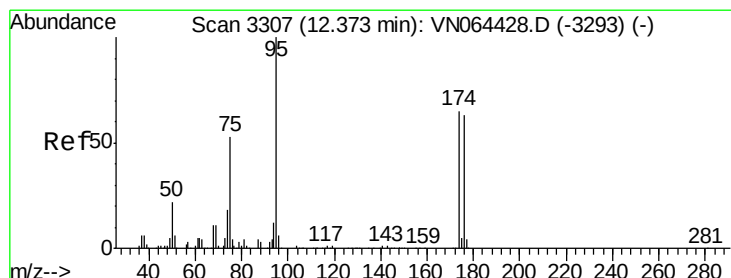
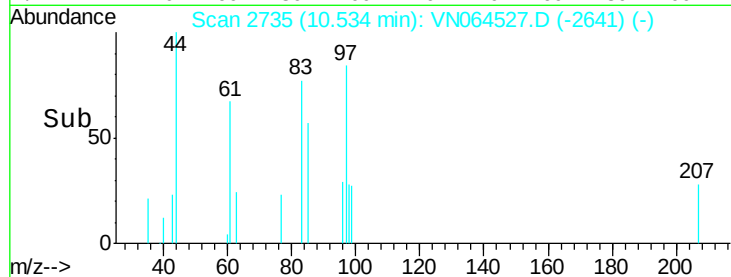
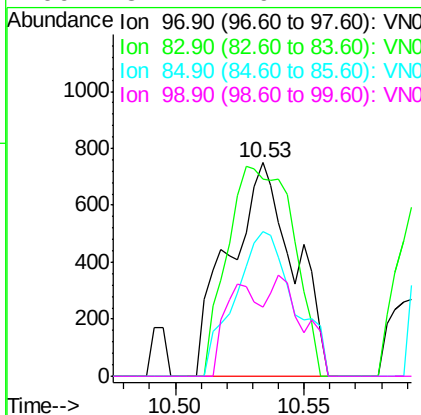
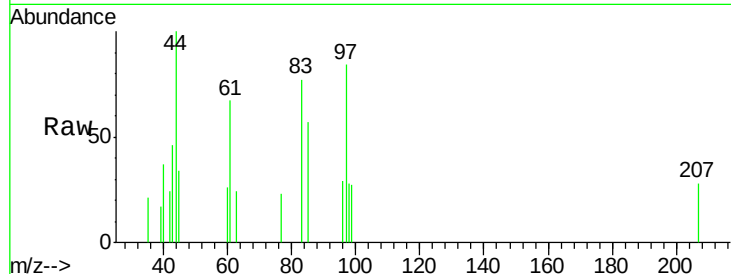
#55
 1,1,2-Trichloroethane
 Concen: 0.380 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064527.D
 Acq: 10 Nov 2020 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-418-420

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	92.4	71.7	107.5	
85	67.9	44.3	66.5#	
99	32.4	49.4	74.2#	

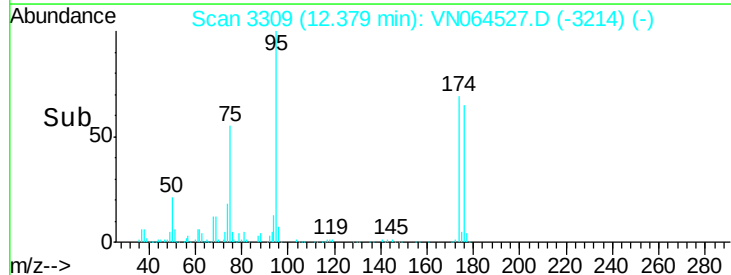
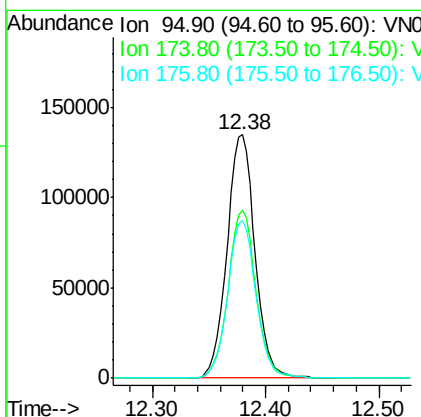
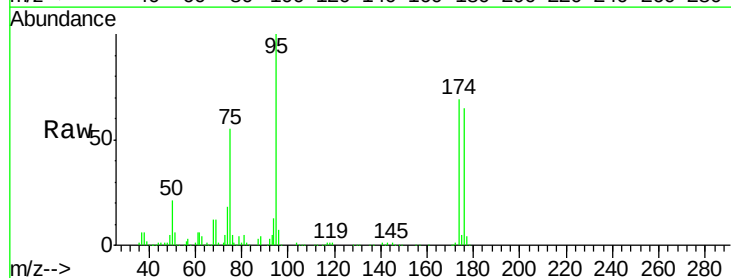
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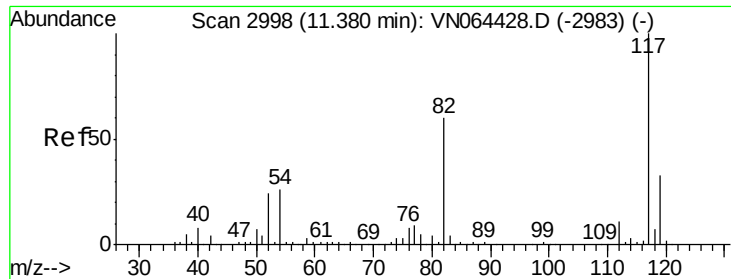
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#62
 4-Bromofluorobenzene
 Concen: 50.066 ug/l
 RT: 12.38 min Scan# 3309
 Delta R.T. 0.01 min
 Lab File: VN064527.D
 Acq: 10 Nov 2020 15:48

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	69.2	0.0	132.6	
176	65.7	0.0	129.2	





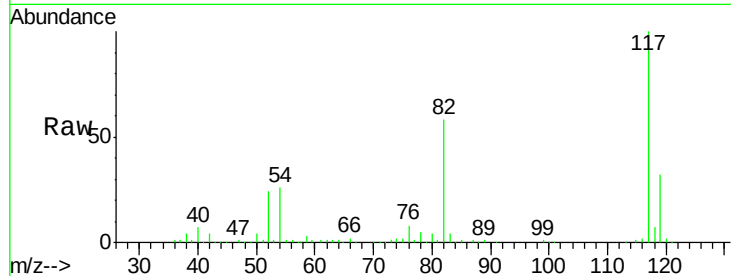
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064527.D
Acq: 10 Nov 2020 15:48

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-418-420

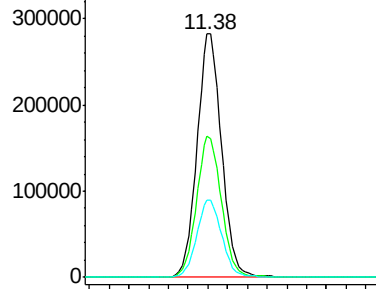
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	48.1	72.1
119	31.7	26.2	39.4

Manual Integrations
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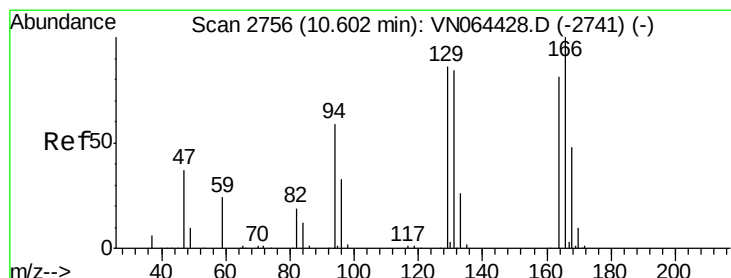
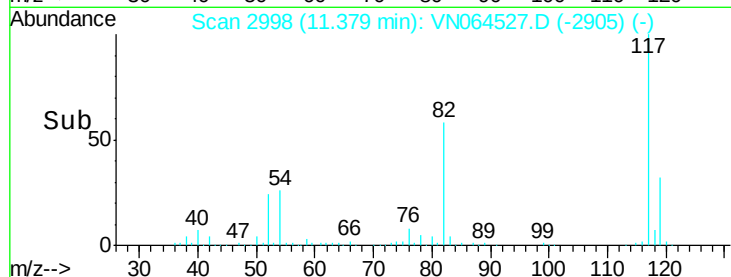
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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



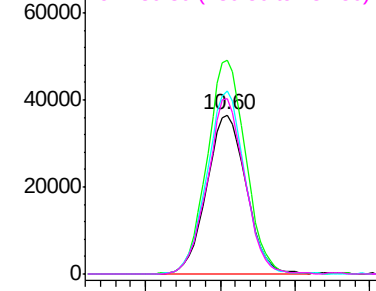
Time-->



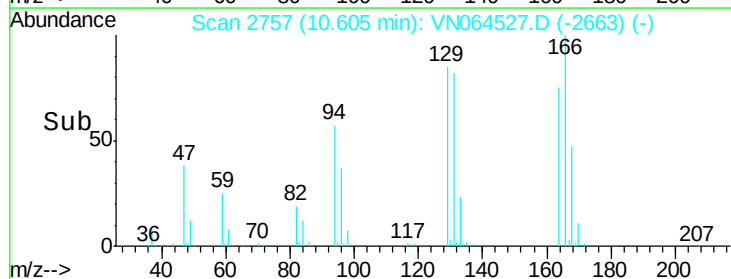
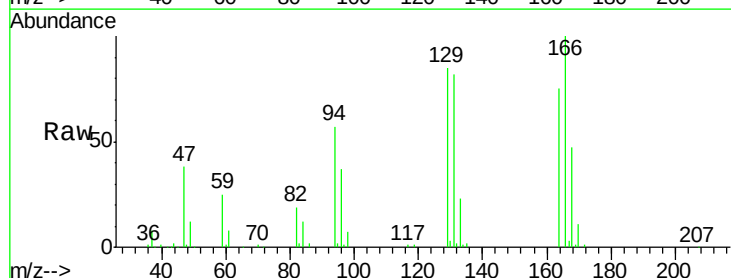
#64
Tetrachloroethene
Concen: 17.613 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064527.D
Acq: 10 Nov 2020 15:48

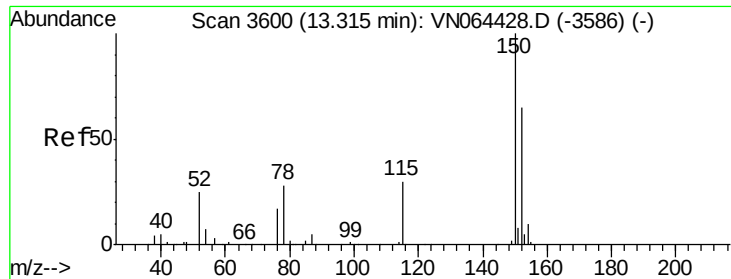
Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.6	98.2	147.2
129	114.5	84.6	127.0
131	110.0	82.2	123.2

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



Time-->





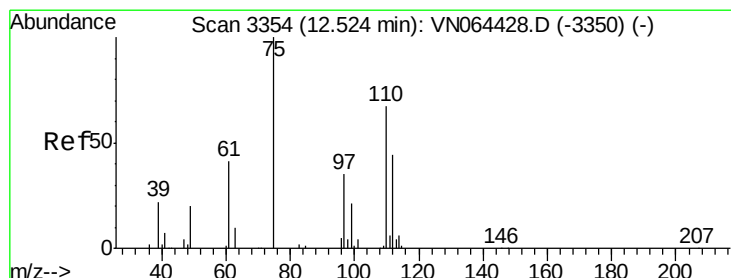
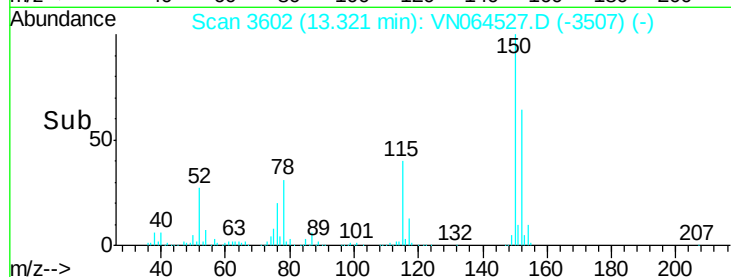
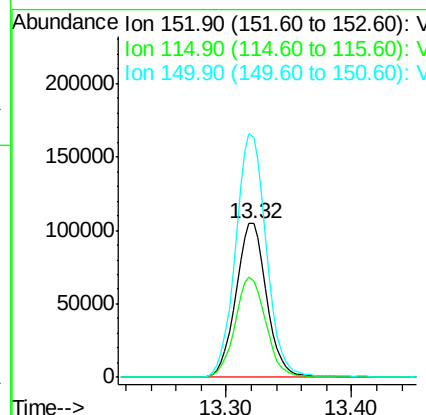
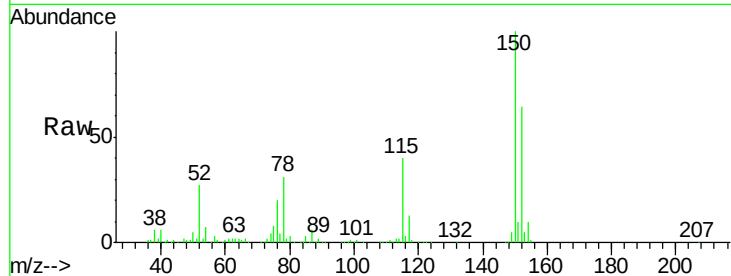
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3602
 Delta R.T. 0.01 min
 Lab File: VN064527.D
 Acq: 10 Nov 2020 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-418-420

Tot Ion	Ratio	Resp	Lower	Upper
152	100	178411		
115	65.5	32.0	96.0	
150	158.1	0.0	353.8	

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 1:01:49 PM



#76
 1,2,3-Trichloropropane
 Concen: 2.451 ug/l
 RT: 12.53 min Scan# 3357
 Delta R.T. 0.01 min
 Lab File: VN064527.D
 Acq: 10 Nov 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10595		
77	28.6	0.0	0.0	0.0

