

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064526.D
 Acq On : 10 Nov 2020 15:24
 Operator : JC/MD
 Sample : L4684-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-398-400

Manual Integrations
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Quant Time: Nov 11 07:25:50 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	242411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	490699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	515517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	237313	56.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.40%	
35) Dibromofluoromethane	7.55	113	174386	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	10.06	98	645795	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.38	95	239845	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
Target Compounds						
12) 1,1-Dichloroethene	3.69	96	1799m	0.694	ug/l	Qvalue
16) Acetone	3.79	43	8183	5.088	ug/l	94
19) Methyl tert-butyl Ether	5.01	73	4187	0.449	ug/l	97
27) cis-1,2-Dichloroethene	6.79	96	21483	6.298	ug/l	88
30) Chloroform	7.33	83	1902	0.306	ug/l	88
44) Trichloroethene	8.80	130	221112	57.532	ug/l	98
45) 1,2-Dichloropropane	9.09	63	22027	5.419	ug/l	98
64) Tetrachloroethene	10.60	164	14932	3.760	ug/l	94

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

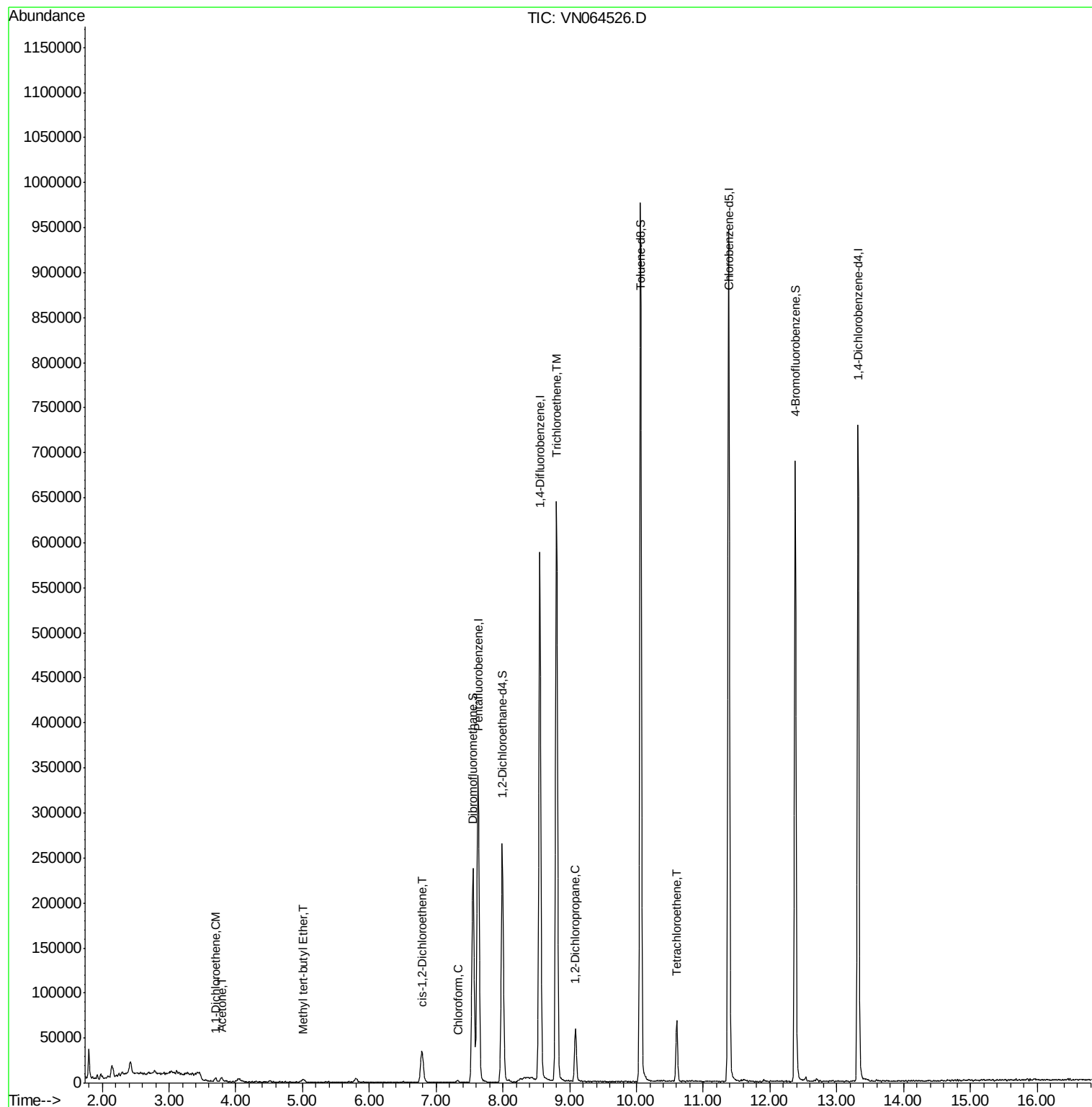
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Data File : VN064526.D
Acq On : 10 Nov 2020 15:24
Operator : JC/MD
Sample : L4684-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

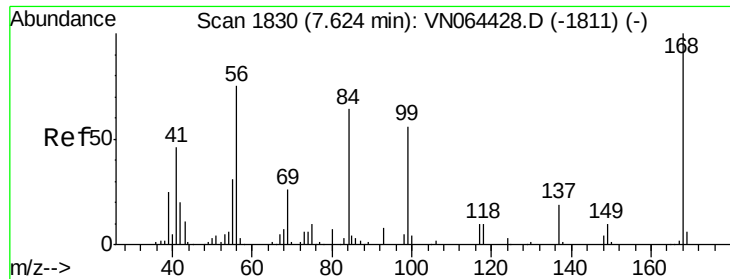
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-398-400

Manual Integrations
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Response via : Initial Calibration





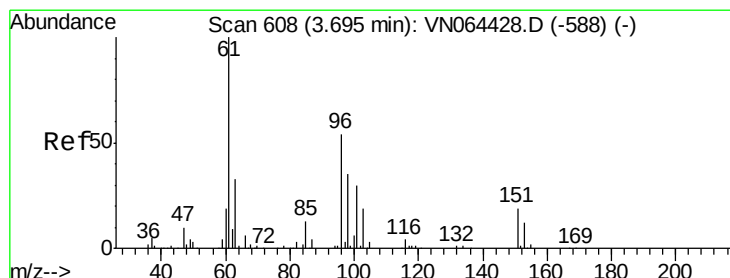
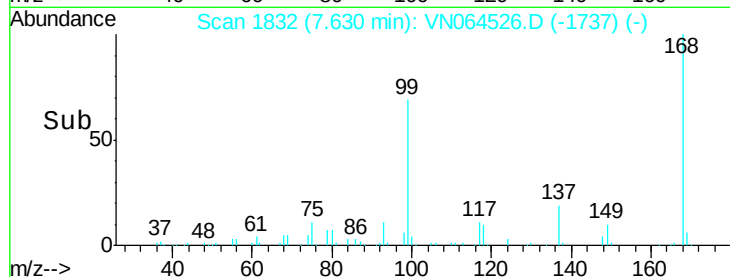
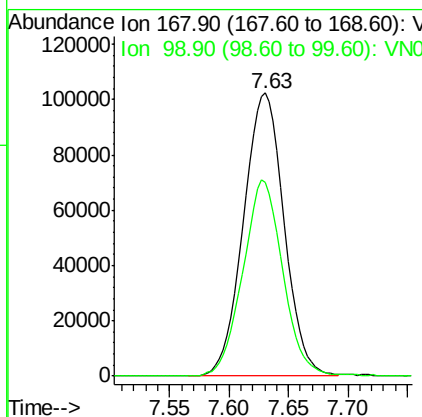
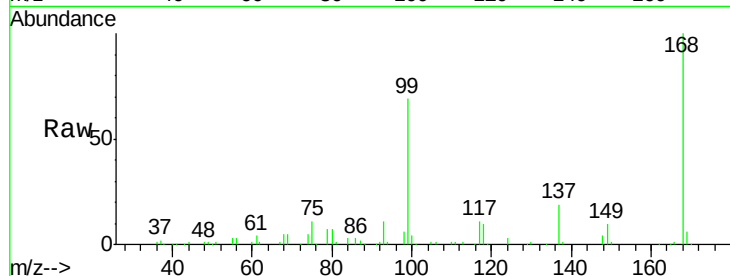
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN064526.D
Acq: 10 Nov 2020 15:24

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-398-400

Tot Ion	Ratio	Lower	Upper
168	100		
99	68.7	53.4	80.2

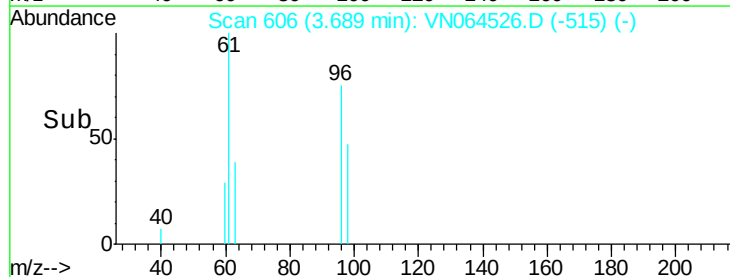
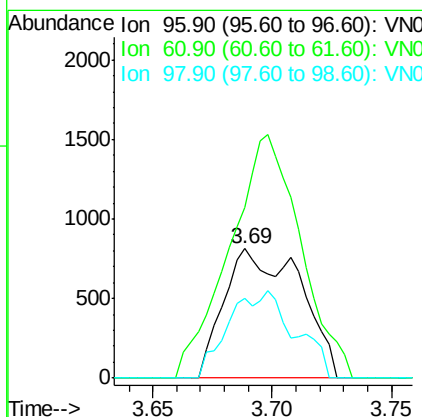
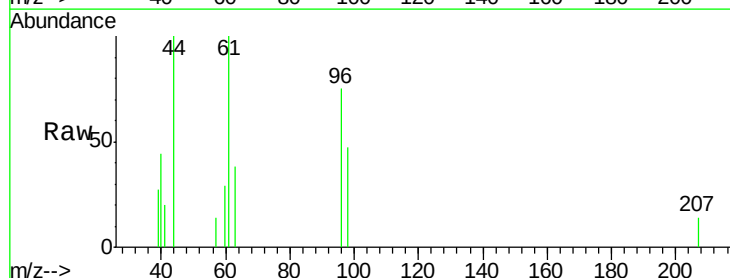
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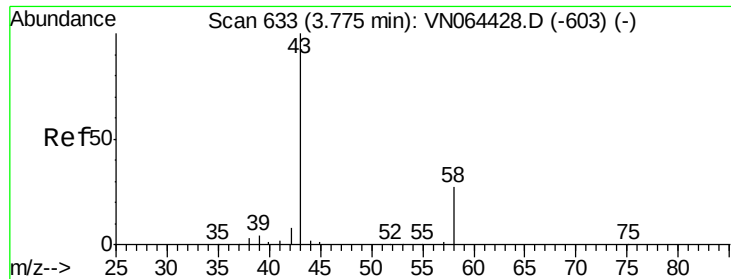
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#12
1,1-Dichloroethene
Concen: 0.694 ug/l m
RT: 3.69 min Scan# 606
Delta R.T. -0.01 min
Lab File: VN064526.D
Acq: 10 Nov 2020 15:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.7	149.5	224.3#
98	62.0	52.4	78.6





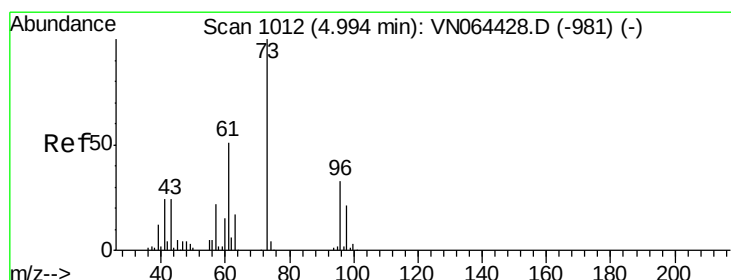
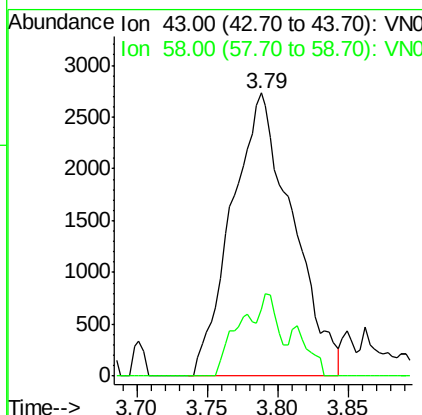
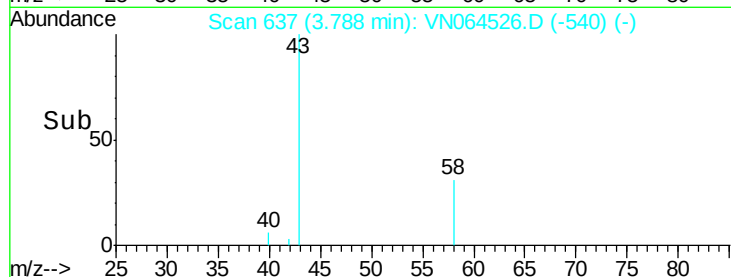
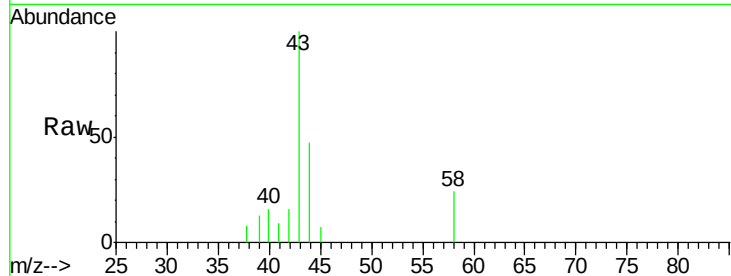
#16
Acetone
Concen: 5.088 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN064526.D
Acq: 10 Nov 2020 15:24

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-398-400

Tot Ion: 43 Resp: 8183
Ion Ratio Lower Upper
43 100
58 23.8 21.4 32.0

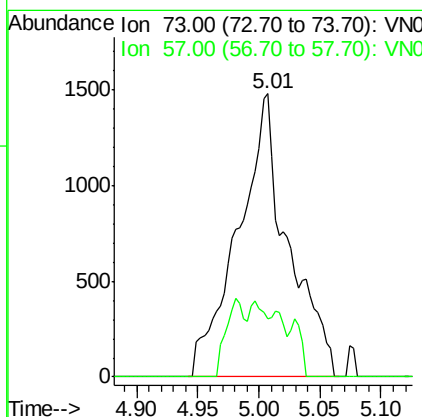
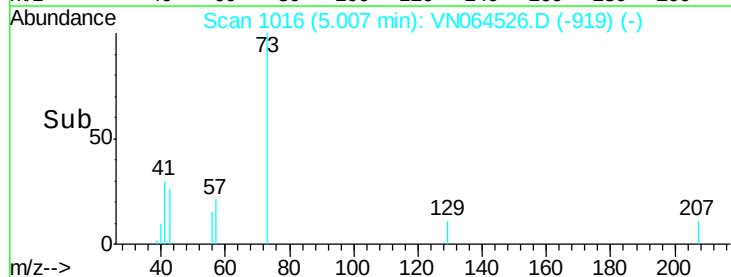
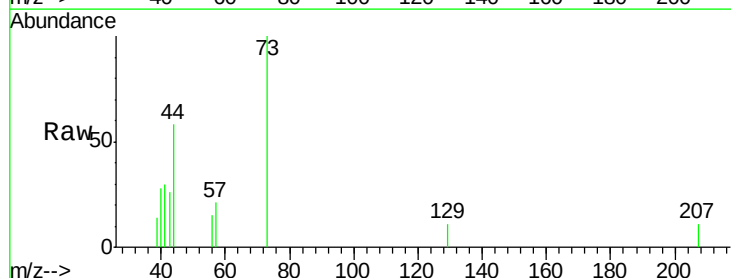
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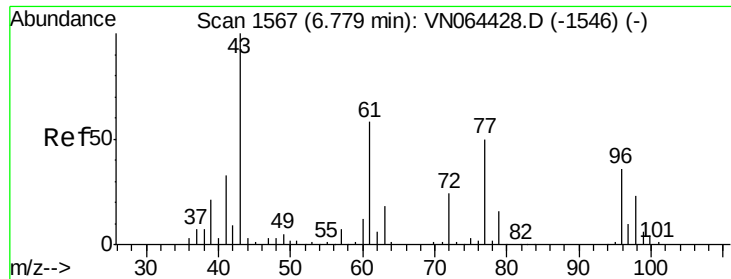
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#19
Methyl tert-butyl Ether
Concen: 0.449 ug/l
RT: 5.01 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VN064526.D
Acq: 10 Nov 2020 15:24

Tgt Ion: 73 Resp: 4187
Ion Ratio Lower Upper
73 100
57 20.7 17.7 26.5





#27

cis-1,2-Dichloroethene

Concen: 6.298 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN064526.D

Acq: 10 Nov 2020 15:24

Instrument :

MSVOA_N

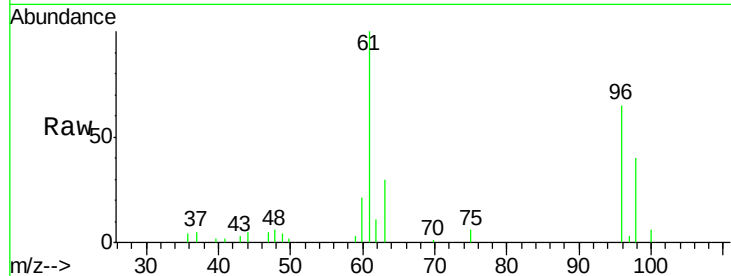
ClientSampleId :

BP-VPB178-GW-398-400

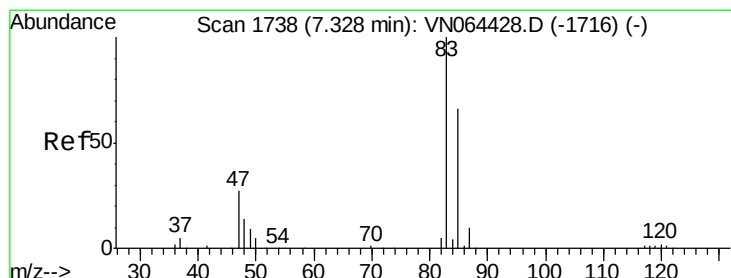
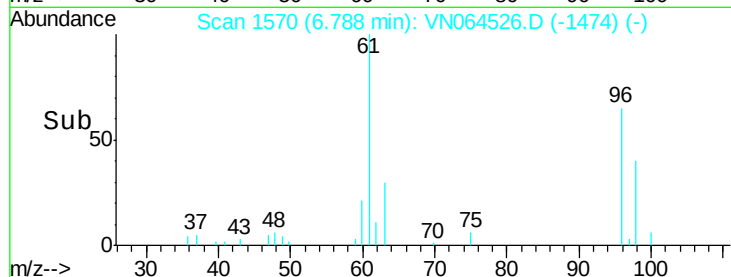
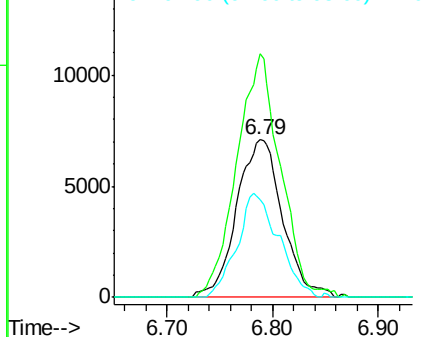
Tot Ion:	96	Resp:	21483
Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	329.6
98	59.7	0.0	131.2

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Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#30

Chloroform

Concen: 0.306 ug/l

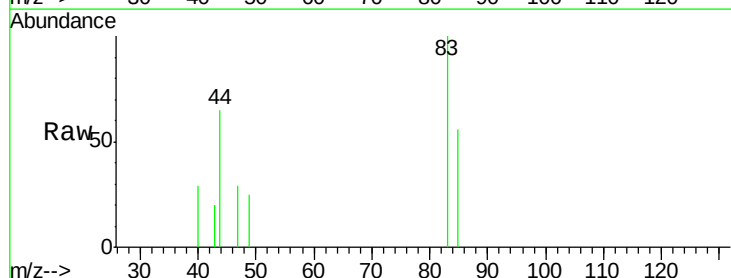
RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

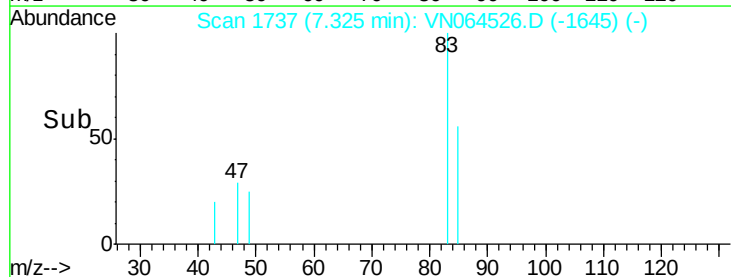
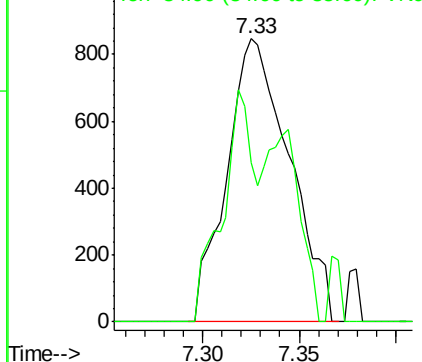
Lab File: VN064526.D

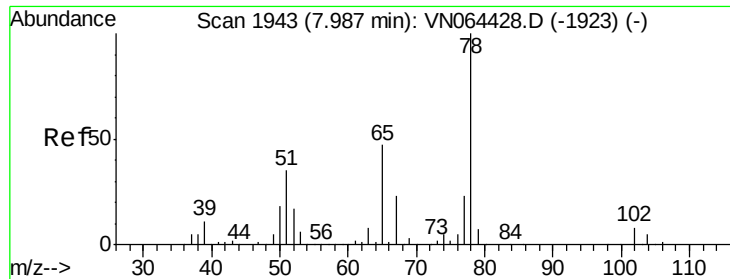
Acq: 10 Nov 2020 15:24

Tgt Ion:	83	Resp:	1902
Ion	Ratio	Lower	Upper
83	100		
85	56.2	52.5	78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





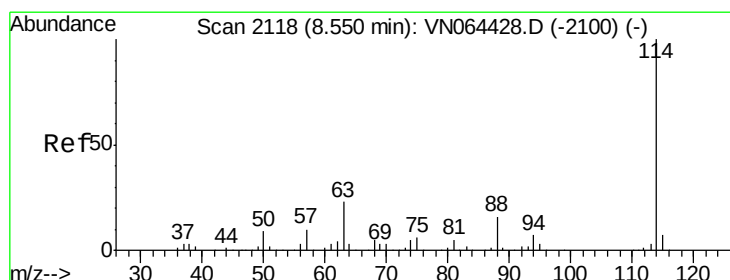
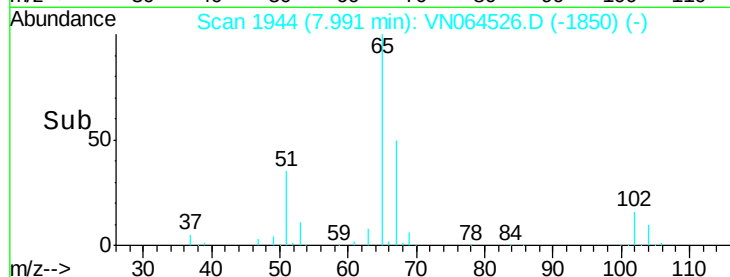
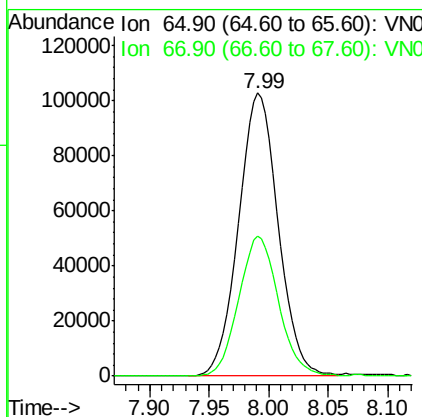
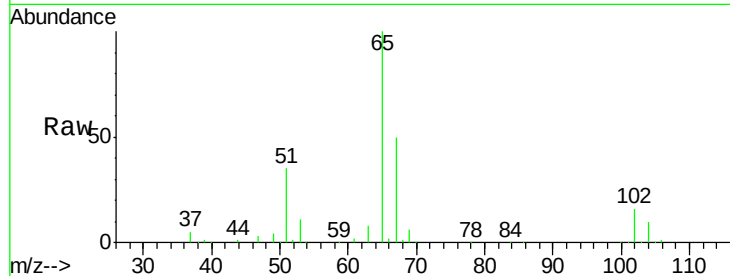
#33
 1,2-Dichloroethane-d4
 Concen: 56.203 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064526.D
 Acq: 10 Nov 2020 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-398-400

Tot Ion: 65 Resp: 237313
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6

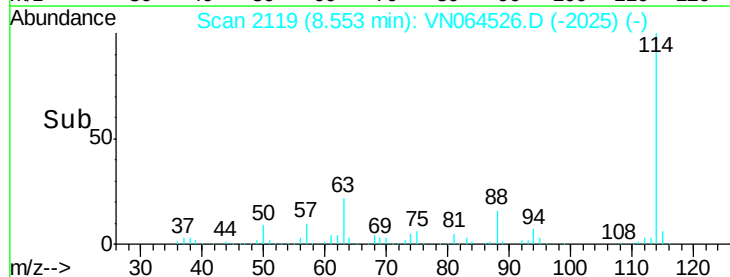
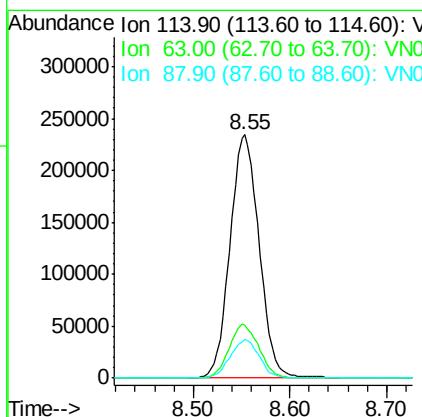
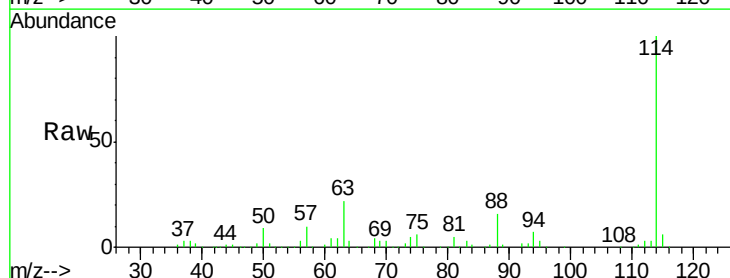
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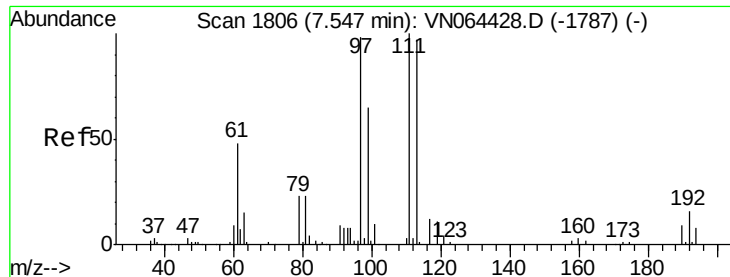
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064526.D
 Acq: 10 Nov 2020 15:24

Tgt Ion: 114 Resp: 490699
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.6
 88 15.9 0.0 32.8





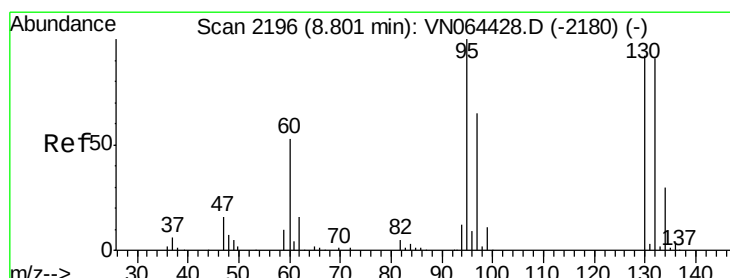
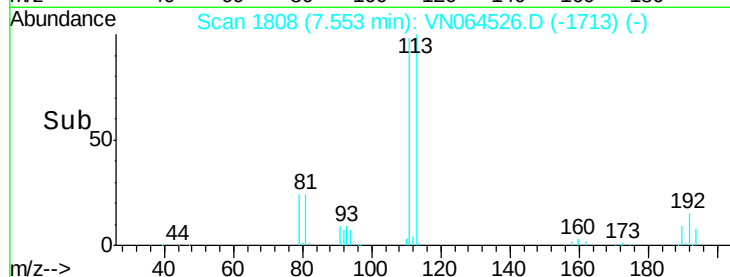
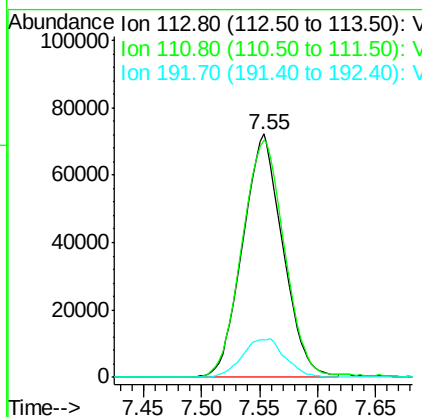
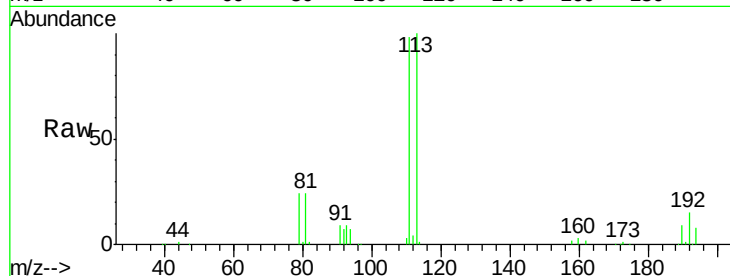
#35
Dibromofluoromethane
Concen: 52.196 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064526.D
Acq: 10 Nov 2020 15:24

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-398-400

Tot Ion	Ratio	Resp	Lower	Upper
113	100	174386		
111	103.5	81.1	121.7	
192	16.9	12.8	19.2	

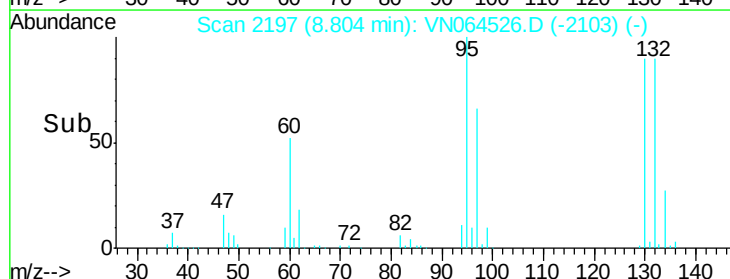
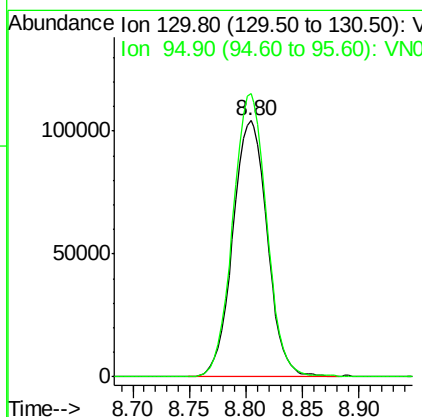
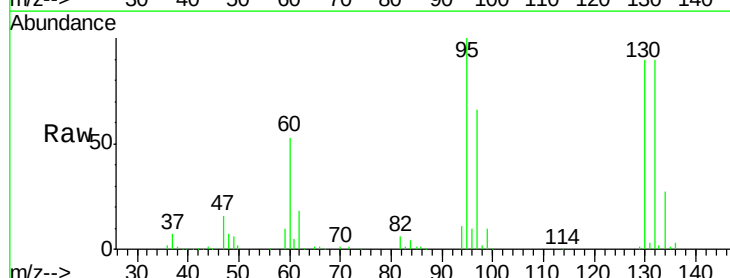
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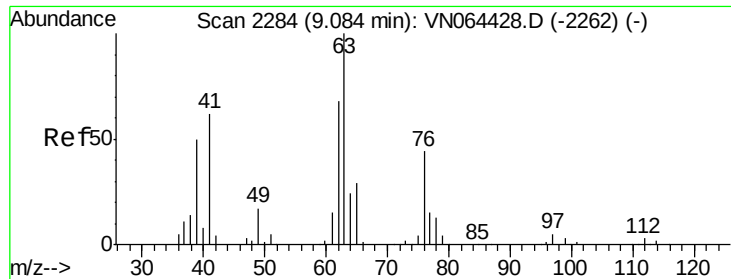
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#44
Trichloroethene
Concen: 57.532 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN064526.D
Acq: 10 Nov 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	221112		
95	110.6	0.0	216.8	





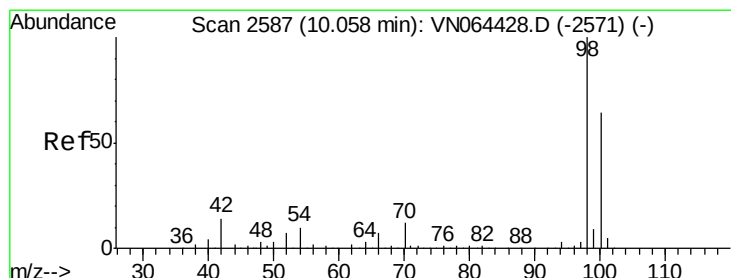
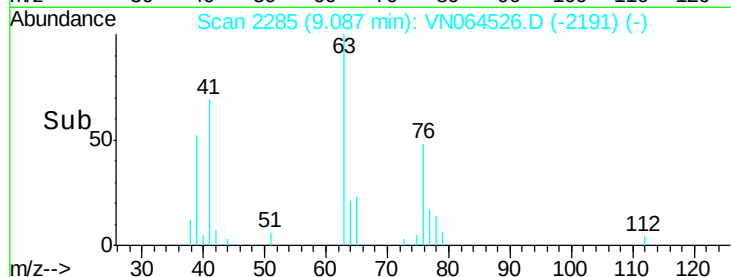
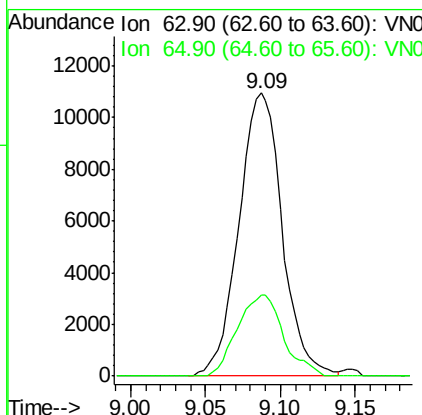
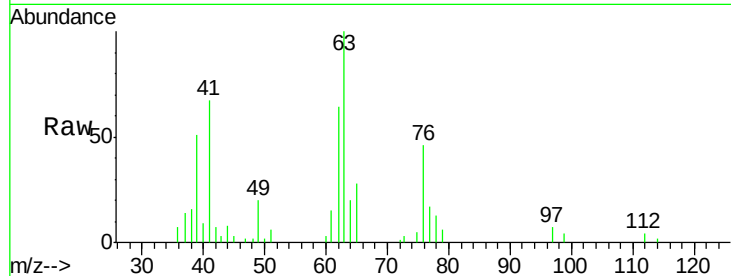
#45
 1,2-Dichloropropane
 Concen: 5.419 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064526.D
 Acq: 10 Nov 2020 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-398-400

Tot Ion: 63 Resp: 22027
 Ion Ratio Lower Upper
 63 100
 65 28.5 23.6 35.4

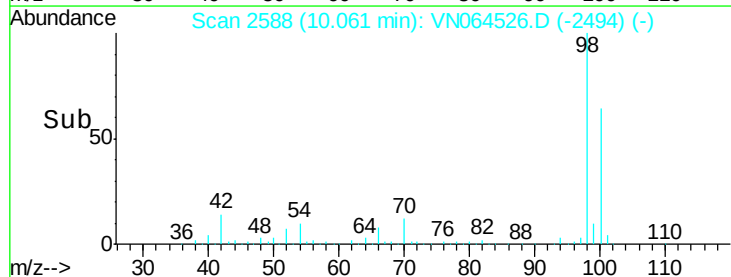
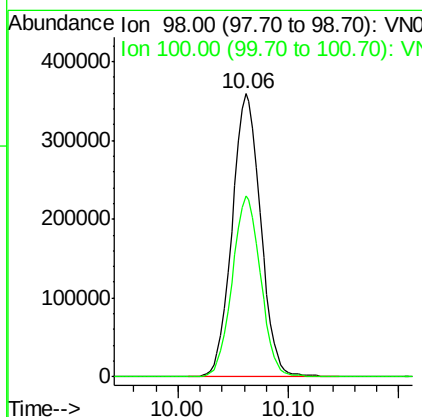
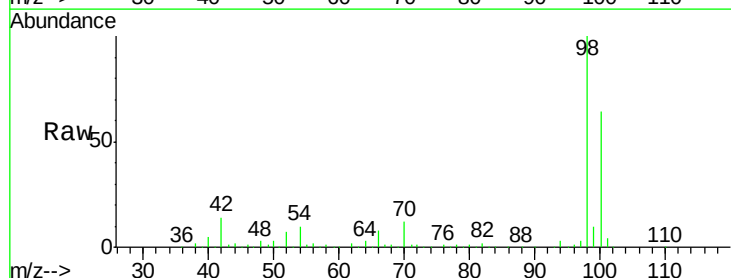
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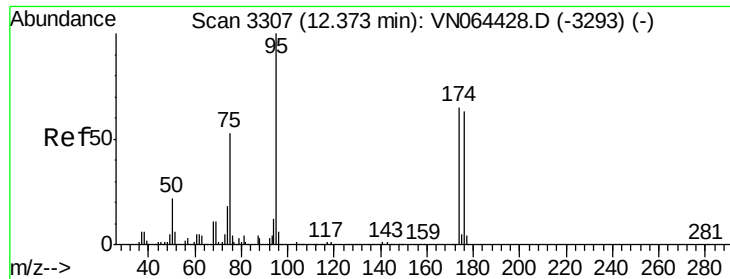
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#50
 Toluene-d8
 Concen: 50.011 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064526.D
 Acq: 10 Nov 2020 15:24

Tgt Ion: 98 Resp: 645795
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.7 76.1





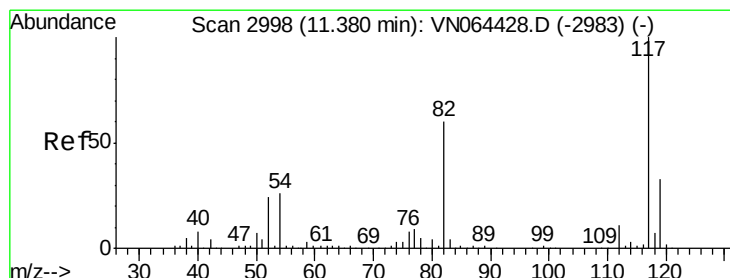
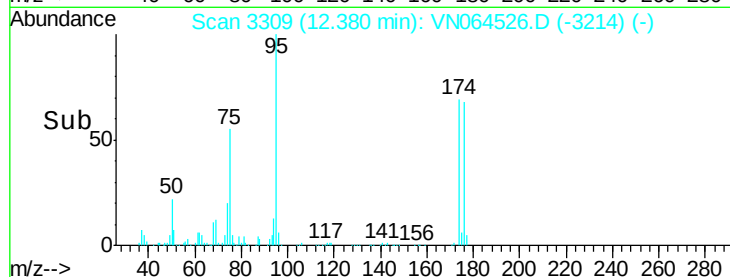
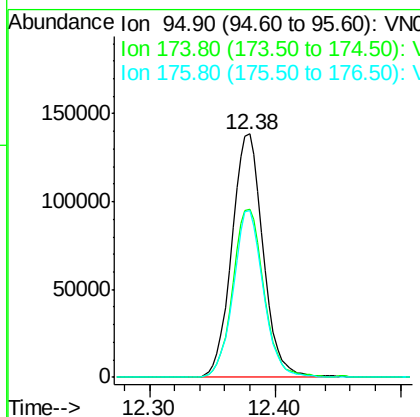
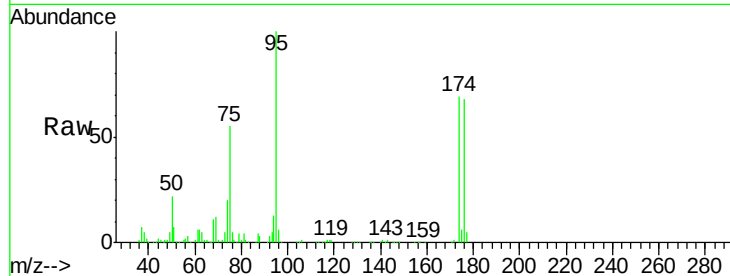
#62
4-Bromofluorobenzene
Concen: 49.113 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.01 min
Lab File: VN064526.D
Acq: 10 Nov 2020 15:24

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-398-400

Tot Ion	Ratio	Resp	Lower	Upper
95	100	239845		
174	68.9	0.0	132.6	
176	65.9	0.0	129.2	

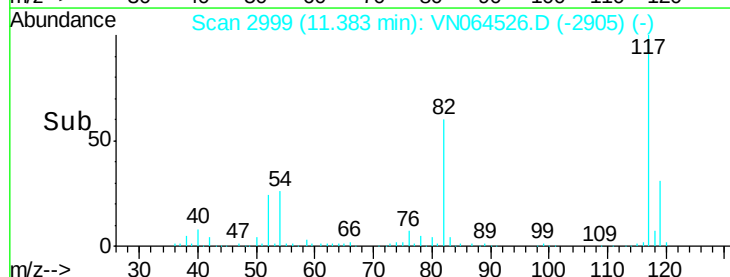
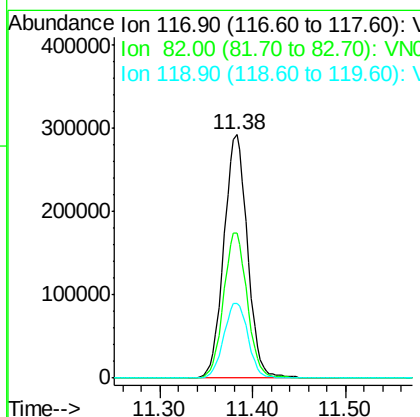
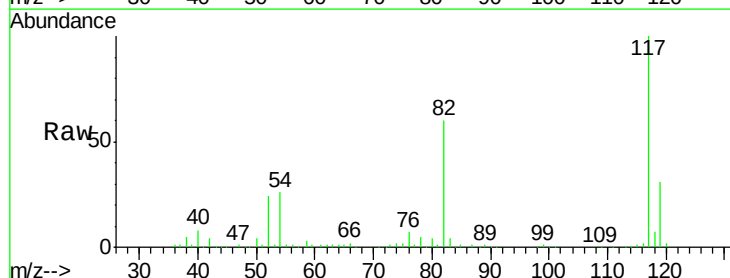
Manual Integrations
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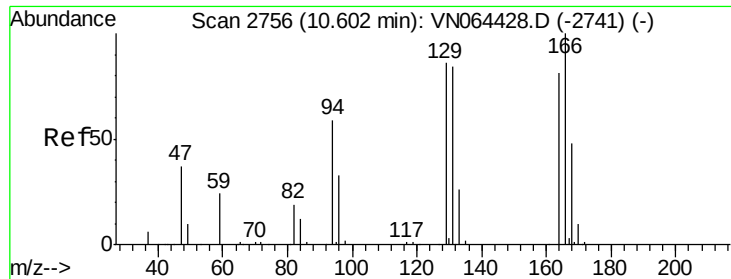
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN064526.D
Acq: 10 Nov 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	515517		
82	59.5	48.1	72.1	
119	30.9	26.2	39.4	





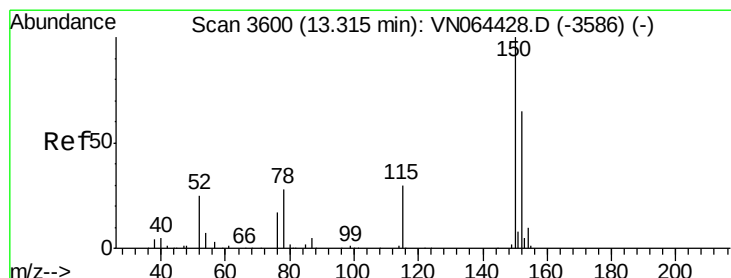
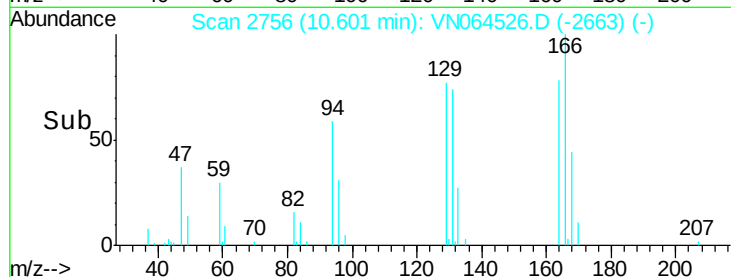
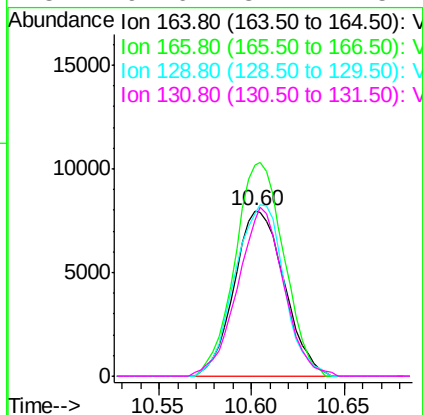
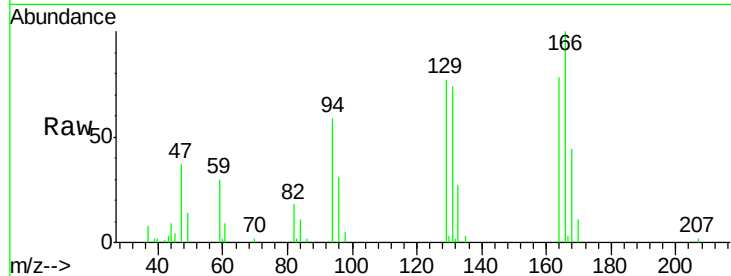
#64
Tetrachloroethene
Concen: 3.760 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064526.D
Acq: 10 Nov 2020 15:24

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-398-400

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.7	98.2	147.2
129	98.4	84.6	127.0
131	94.6	82.2	123.2

Manual Integrations
APPROVED

MMDadoda
11/11/2020 1:01:46 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064526.D
Acq: 10 Nov 2020 15:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.1	32.0	96.0
150	158.9	0.0	353.8

