

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093021\
 Data File : VN068764.D
 Acq On : 30 Sep 2021 15:49
 Operator : JC/MD
 Sample : M3915-02RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20210921RE

Manual Integrations
 APPROVED

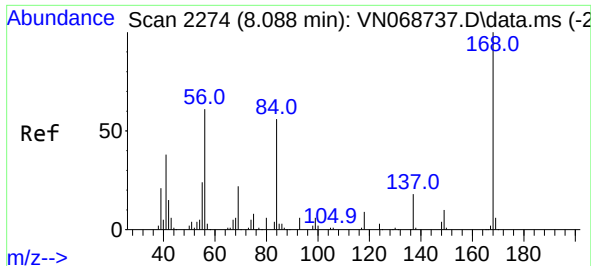
MMDadoda
 10/1/2021 11:02:49 AM

Quant Time: Oct 01 01:55:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	498100	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	859666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	682691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	242401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	345154	49.733	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.460%		
35) Dibromofluoromethane	8.024	113	269906	50.532	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.060%		
50) Toluene-d8	10.443	98	1021016	52.311	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.620%		
62) 4-Bromofluorobenzene	12.733	95	271604	40.047	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	80.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	6350	1.164	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.216	101	57372	10.503	ug/l	93
12) 1,1-Dichloroethene	4.186	96	9923	2.120	ug/l	80
27) cis-1,2-Dichloroethene	7.329	96	18058m	2.669	ug/l	
30) Chloroform	7.817	83	4142	0.337	ug/l	85
44) Trichloroethene	9.217	130	608598	92.613	ug/l	87
64) Tetrachloroethene	10.982	164	4012	0.787	ug/l	90

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



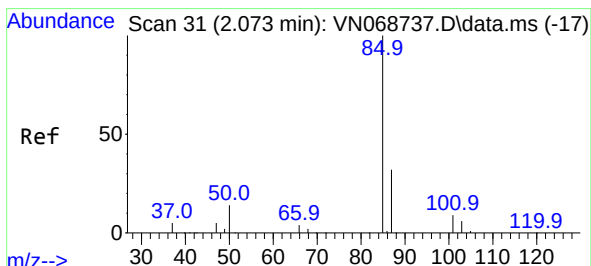
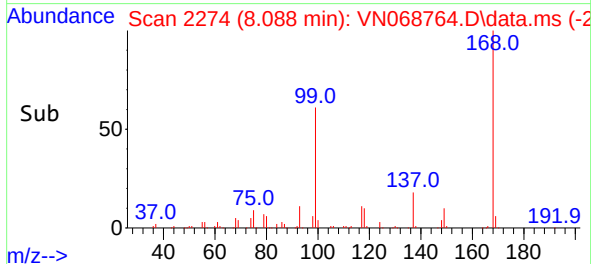
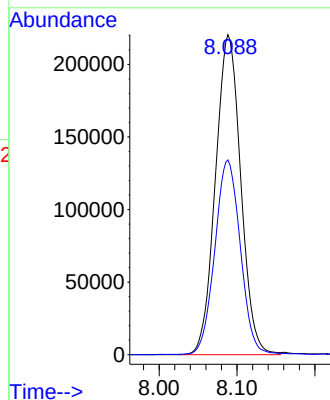
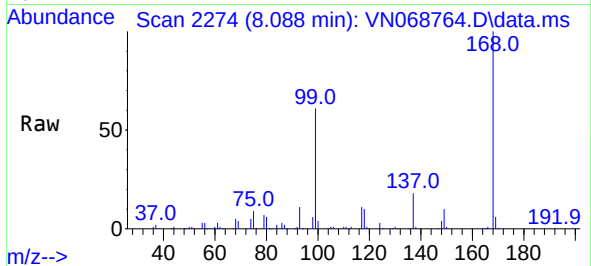
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

Tgt Ion: 168 Resp: 498100
Ion Ratio Lower Upper
168 100
99 60.7 62.9 94.3#

Instrument :
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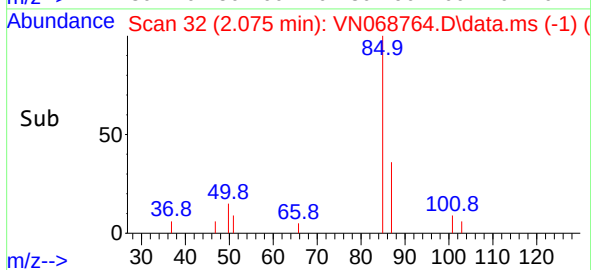
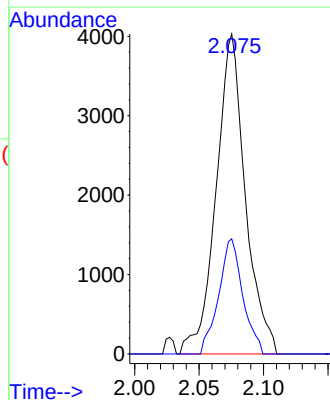
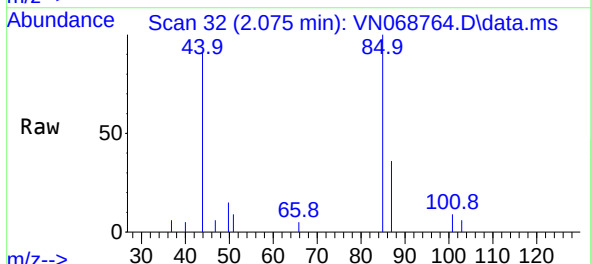
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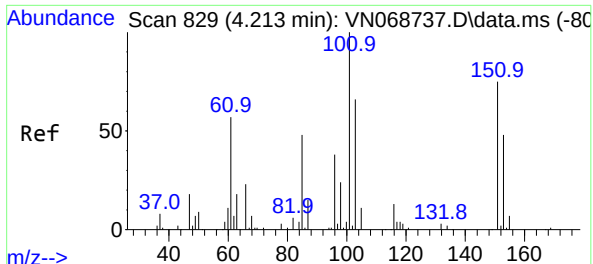
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#2
Dichlorodifluoromethane
Concen: 1.164 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

Tgt Ion: 85 Resp: 6350
Ion Ratio Lower Upper
85 100
87 36.0 16.1 48.2





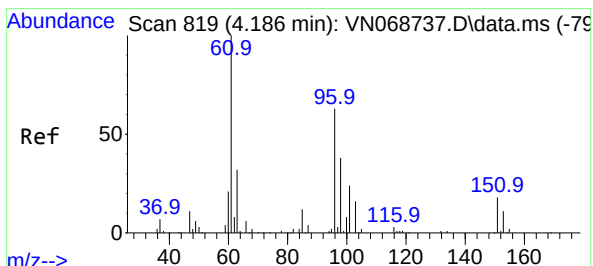
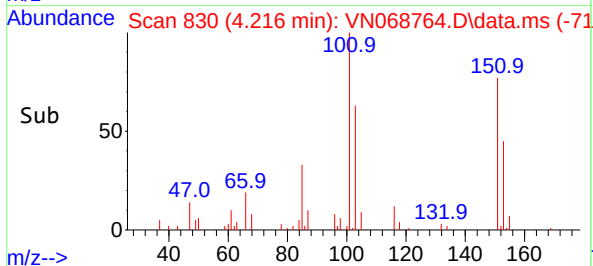
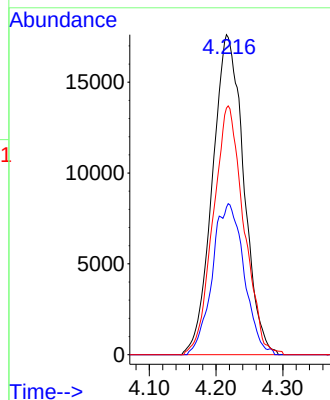
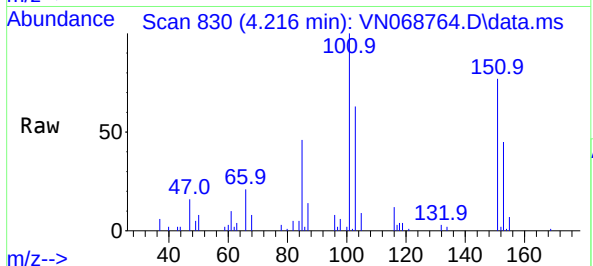
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.503 ug/l
RT: 4.216 min Scan# 830
Delta R.T. 0.003 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

Tgt Ion: 101 Resp: 57372
Ion Ratio Lower Upper
101 100
85 47.9 39.6 59.4
151 76.3 54.1 81.1

Instrument :
MSVOA_N
ClientSampleId :
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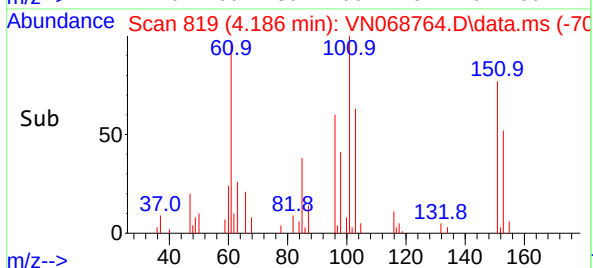
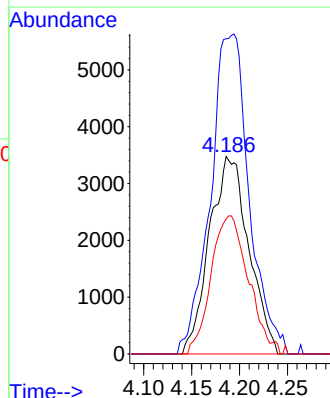
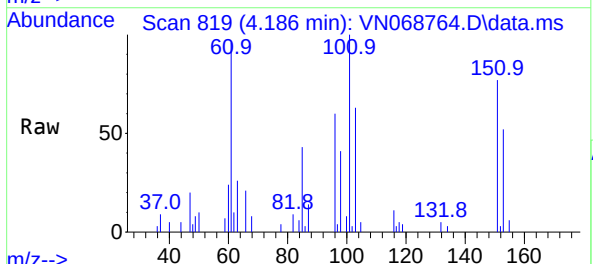
Manual Integrations
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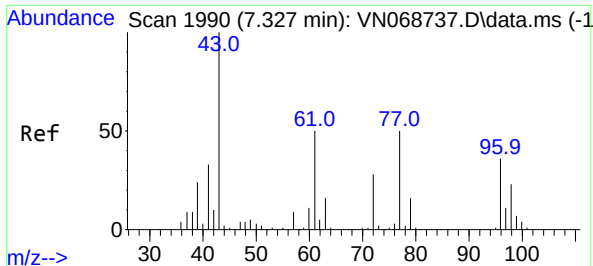
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#12
1,1-Dichloroethene
Concen: 2.120 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.000 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

Tgt Ion: 96 Resp: 9923
Ion Ratio Lower Upper
96 100
61 153.7 152.6 229.0
98 68.3 50.9 76.3





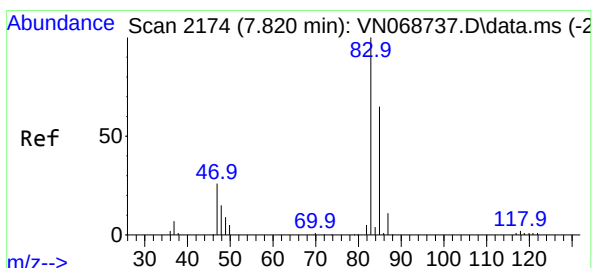
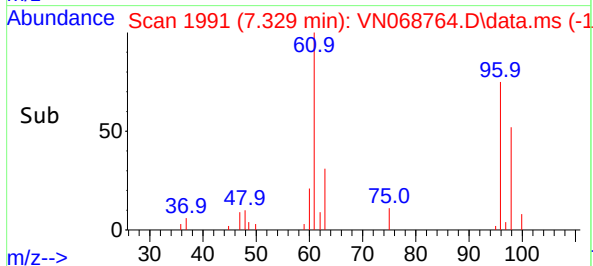
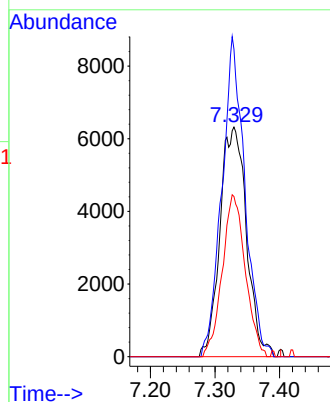
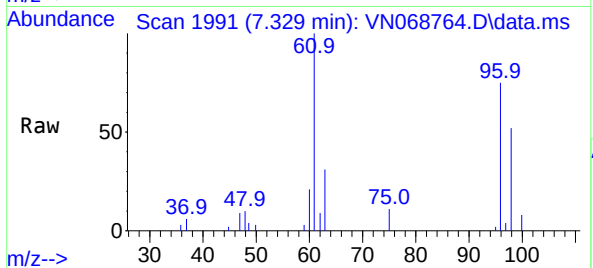
#27
cis-1,2-Dichloroethene
Concen: 2.669 ug/l m
RT: 7.329 min Scan# 1991
Delta R.T. 0.002 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

Tgt Ion: 96 Resp: 18058
Ion Ratio Lower Upper
96 100
61 120.0 0.0 338.8
98 61.2 0.0 129.8

Instrument :
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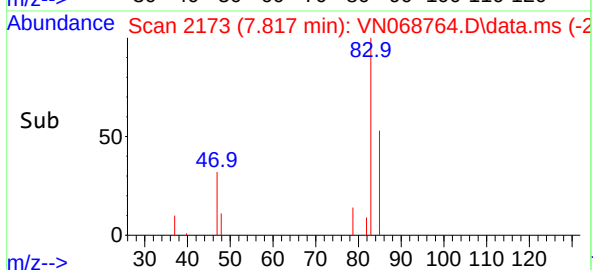
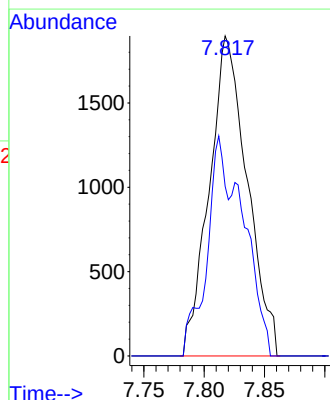
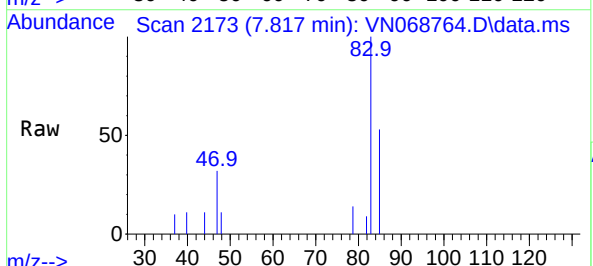
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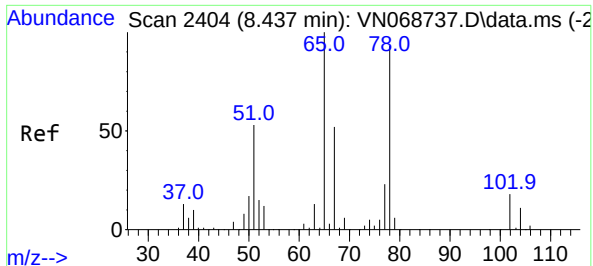
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#30
Chloroform
Concen: 0.337 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

Tgt Ion: 83 Resp: 4142
Ion Ratio Lower Upper
83 100
85 53.0 51.5 77.3





#33

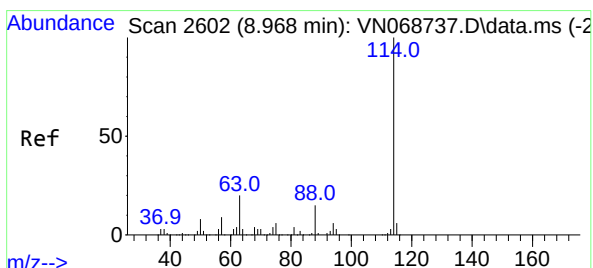
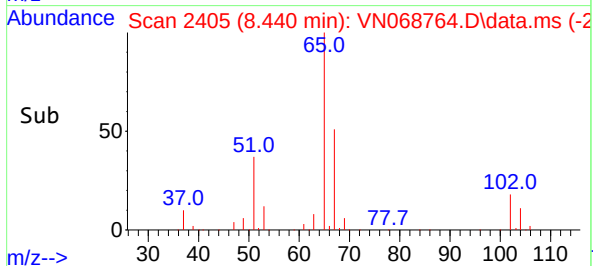
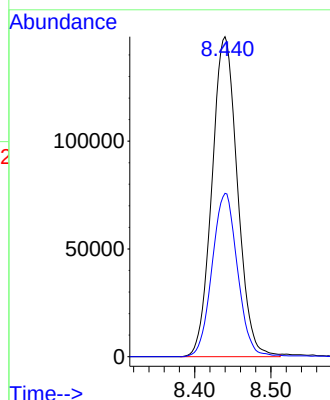
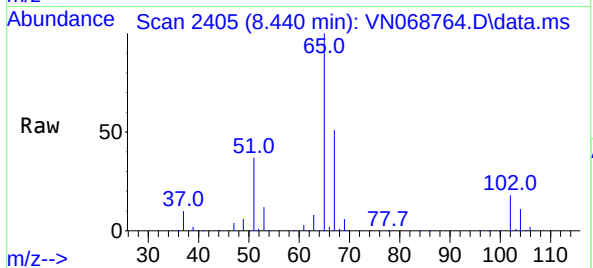
1,2-Dichloroethane-d4
Concen: 49.733 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

Tgt Ion: 65 Resp: 345154
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

Instrument :
MSVOA_N
ClientSampleId :
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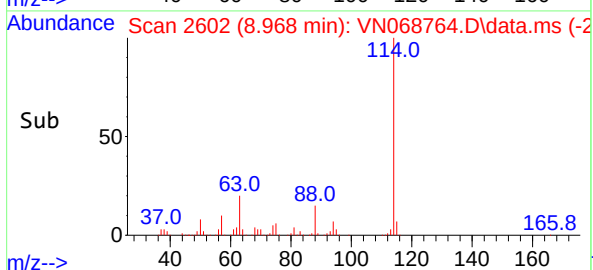
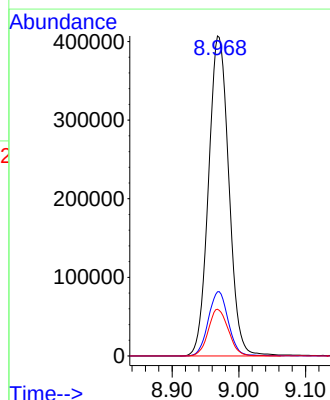
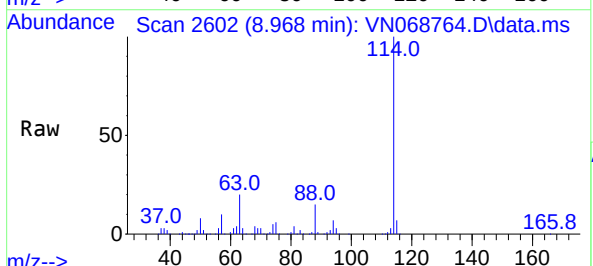
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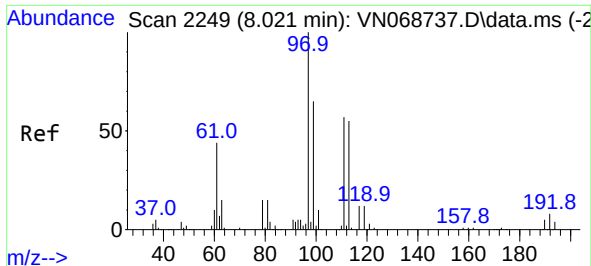


#34

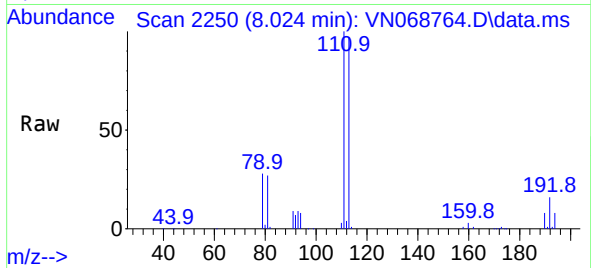
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

Tgt Ion: 114 Resp: 859666
Ion Ratio Lower Upper
114 100
63 20.0 0.0 49.0
88 14.6 0.0 36.6

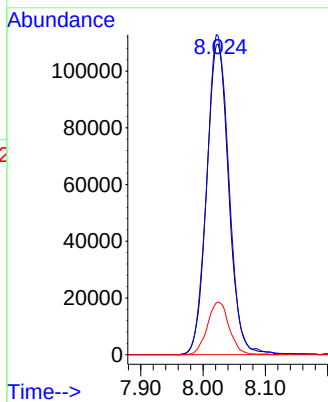
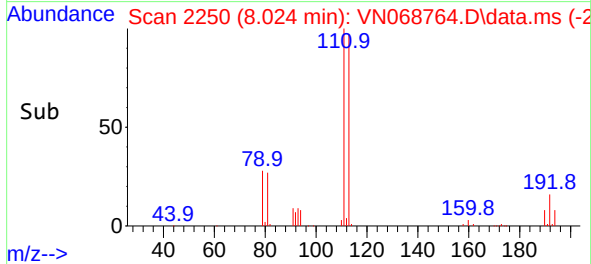




#35
Dibromofluoromethane
Concen: 50.532 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49



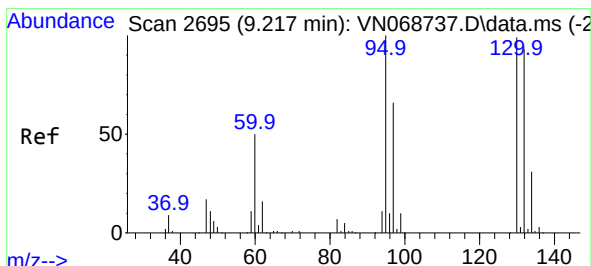
Tgt Ion:113 Resp: 269906
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.8
192 16.7 13.4 20.0



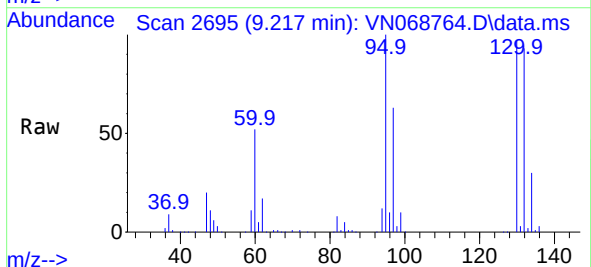
Instrument :
MSVOA_N
ClientSampleId :
TT101D-20210921RE

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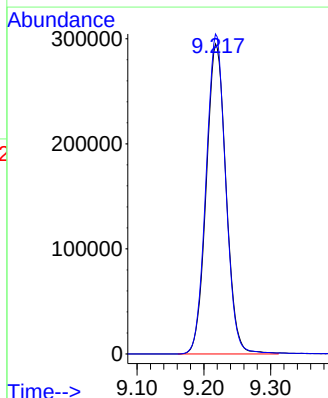
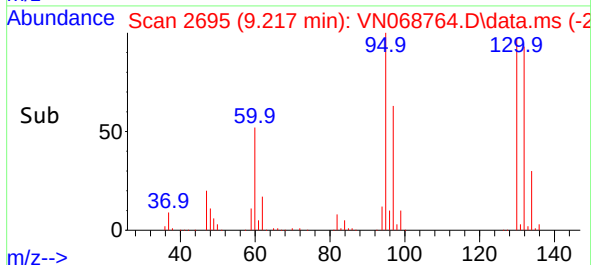
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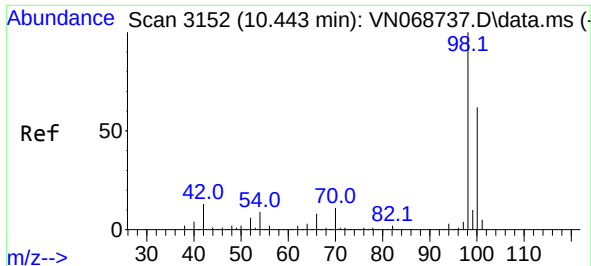


#44
Trichloroethene
Concen: 92.613 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49



Tgt Ion:130 Resp: 608598
Ion Ratio Lower Upper
130 100
95 103.2 0.0 234.4





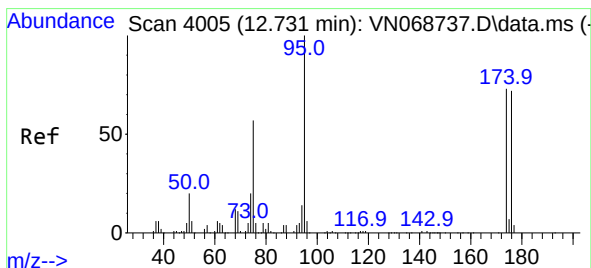
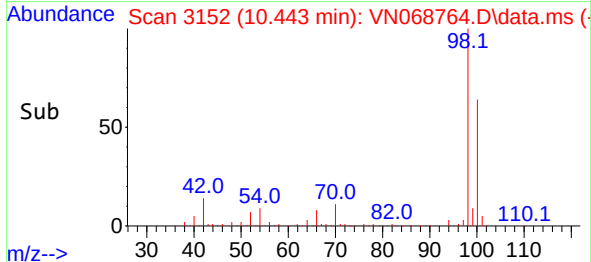
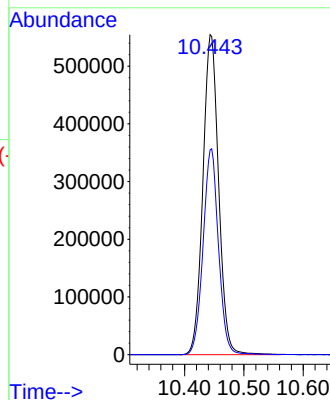
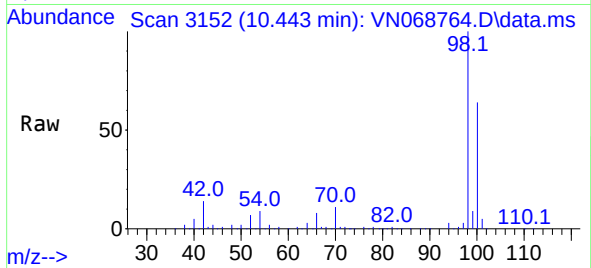
#50
Toluene-d8
Concen: 52.311 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

Tgt Ion: 98 Resp: 1021016
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5

Instrument :
MSVOA_N
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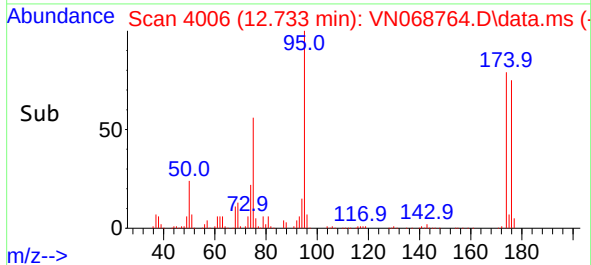
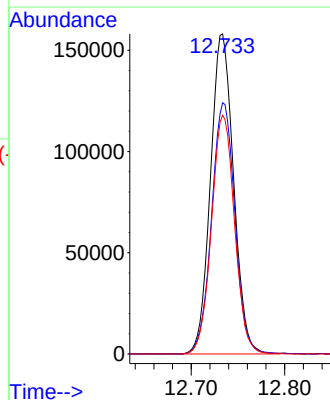
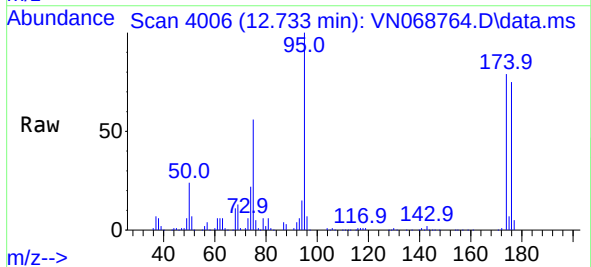
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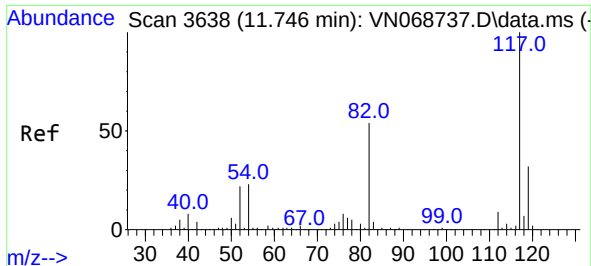
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#62
4-Bromofluorobenzene
Concen: 40.047 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

Tgt Ion: 95 Resp: 271604
Ion Ratio Lower Upper
95 100
174 79.5 0.0 122.0
176 74.5 0.0 117.6





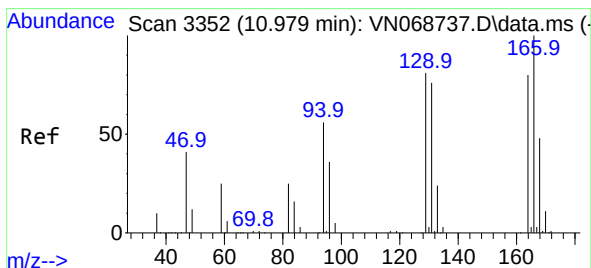
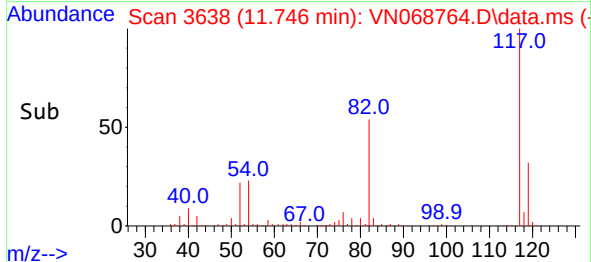
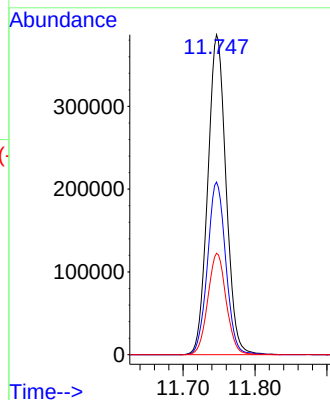
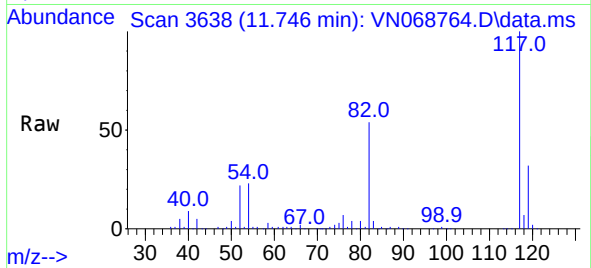
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

Tgt Ion:117 Resp: 682691
Ion Ratio Lower Upper
117 100
82 53.9 53.1 79.7
119 31.7 25.5 38.3

Instrument :
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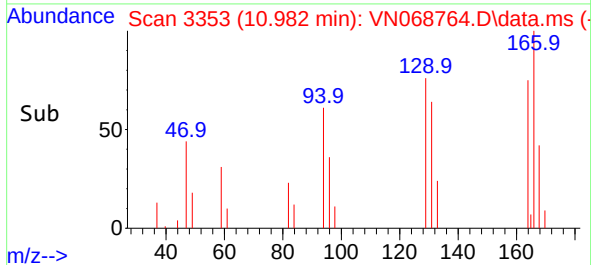
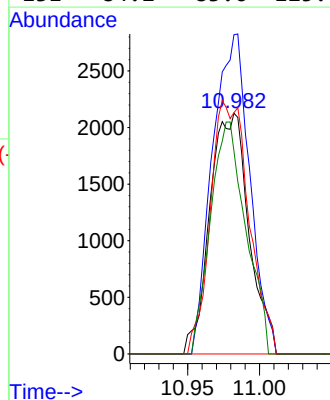
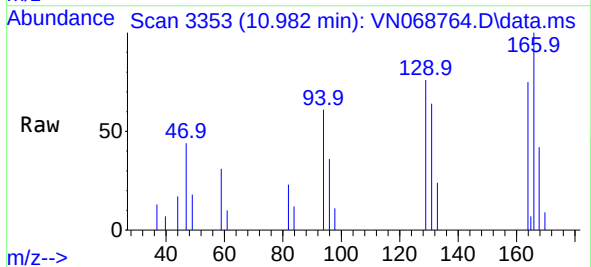
Manual Integrations
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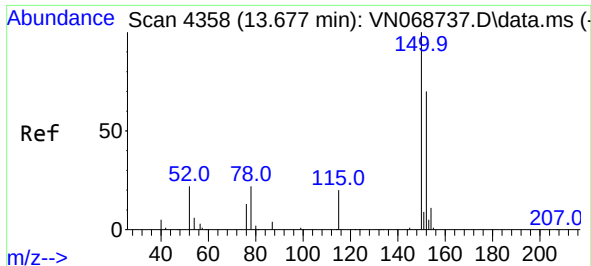
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#64
Tetrachloroethene
Concen: 0.787 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN068764.D
Acq: 30 Sep 2021 15:49

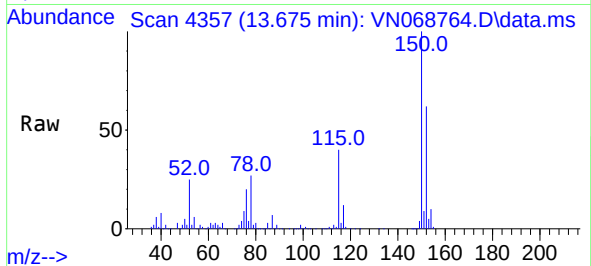
Tgt Ion:164 Resp: 4012
Ion Ratio Lower Upper
164 100
166 132.5 102.1 153.1
129 100.1 86.9 130.3
131 84.2 83.6 125.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 4357
 Delta R.T. -0.002 min
 Lab File: VN068764.D
 Acq: 30 Sep 2021 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 242401
 Ion Ratio Lower Upper
 152 100
 115 62.2 36.1 108.5
 150 159.8 0.0 351.8

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