

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092021\
 Data File : VN068564.D
 Acq On : 20 Sep 2021 19:10
 Operator : JC/MD
 Sample : M3781-06DL 2X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW180D1-20210915DL

Manual Integrations
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 9/21/2021 7:01:29 PM

Quant Time: Sep 21 07:29:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	454441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	644590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	567359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	213270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	225299	54.047	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.100%			
35) Dibromofluoromethane	8.027	113	205539	52.869	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.740%			
50) Toluene-d8	10.446	98	759766	47.817	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.640%			
62) 4-Bromofluorobenzene	12.734	95	220589	42.637	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	1653	0.446	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.224	101	3932m	1.008	ug/l	
12) 1,1-Dichloroethene	4.191	96	2148	0.602	ug/l #	69
20) Methylene Chloride	5.095	84	9921	1.204	ug/l #	90
27) cis-1,2-Dichloroethene	7.329	96	2260	0.472	ug/l	83
30) Chloroform	7.818	83	3302m	0.419	ug/l	
44) Trichloroethene	9.220	130	317532	63.046	ug/l	94
78) n-propylbenzene	12.924	91	5288	0.330	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	3873	0.328	ug/l	100
89) n-Butylbenzene	13.946	91	6381	0.699	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	4188	0.596	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	5349	4.222	ug/l	95
95) Naphthalene	15.507	128	15015	5.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	5956	4.464	ug/l	96

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

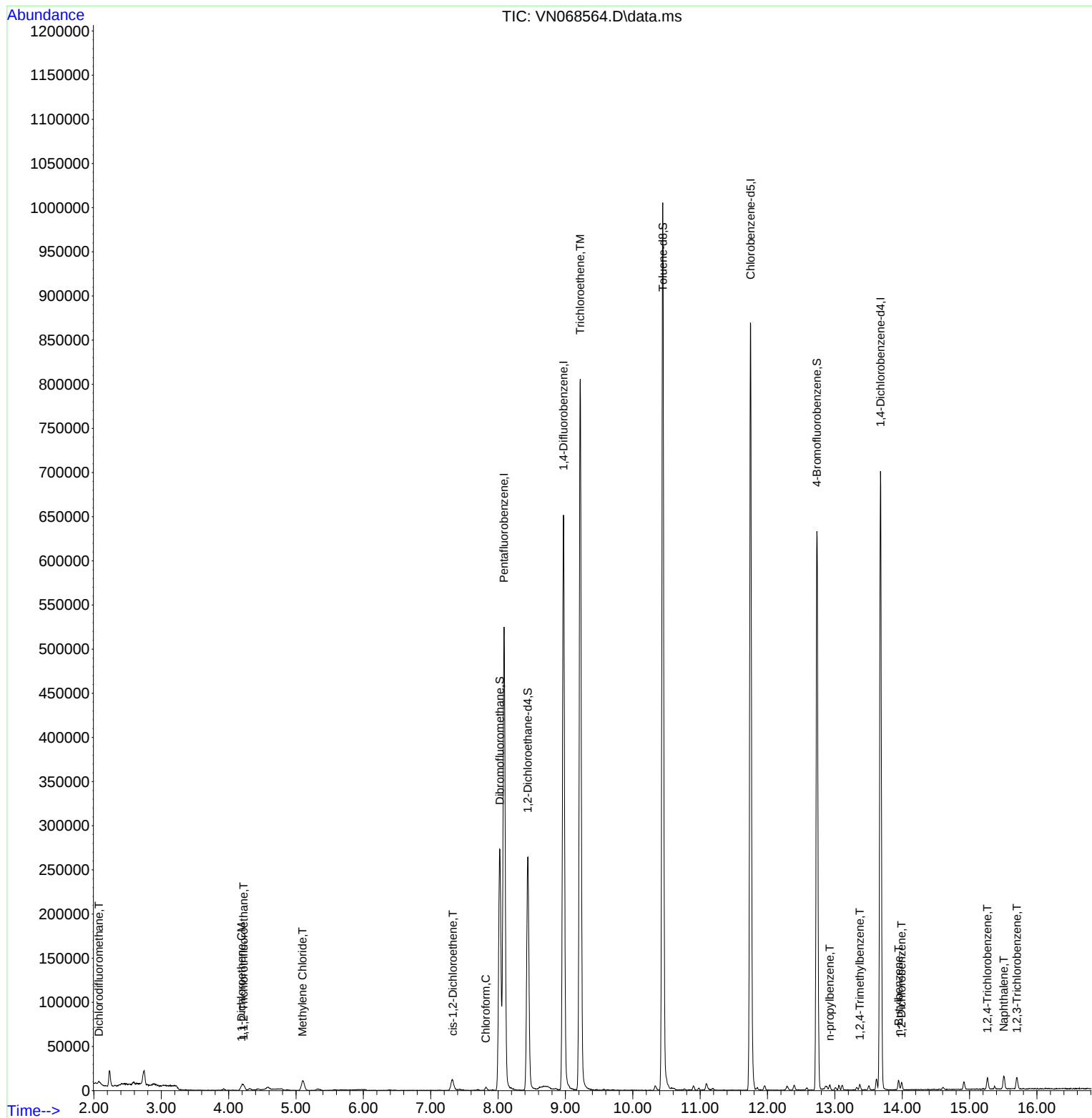
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Data File : VN068564.D
Acq On : 20 Sep 2021 19:10
Operator : JC/MD
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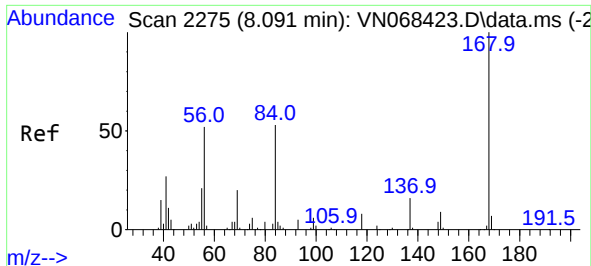
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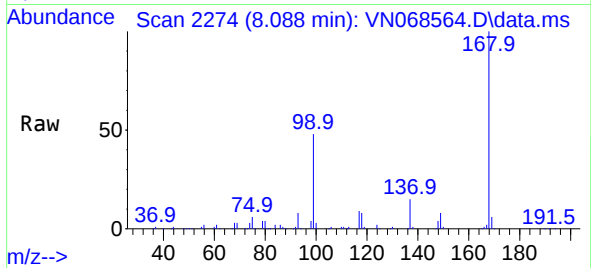
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Quant Time: Sep 21 07:29:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

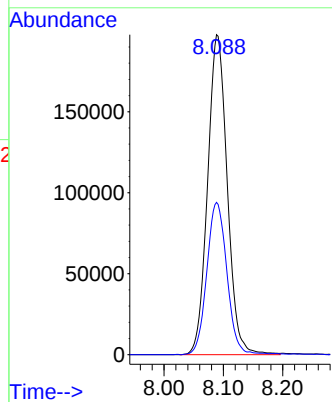
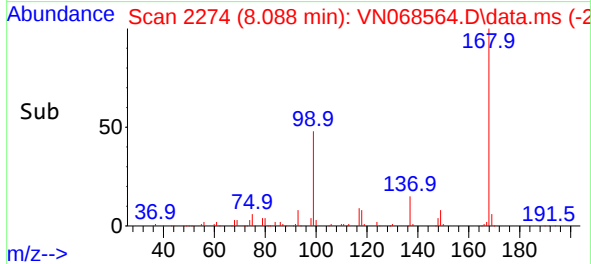




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10



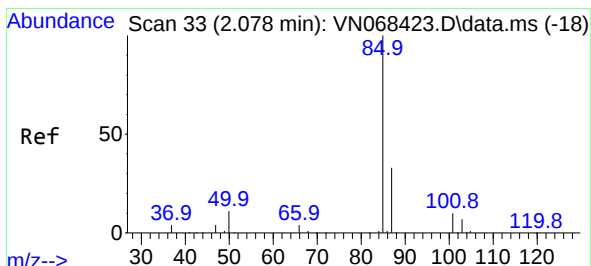
Tgt Ion: 168 Resp: 454441
Ion Ratio Lower Upper
168 100
99 47.6 38.2 57.4



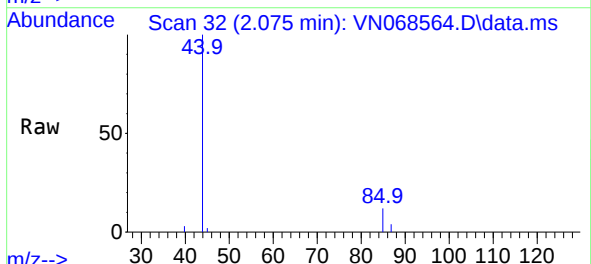
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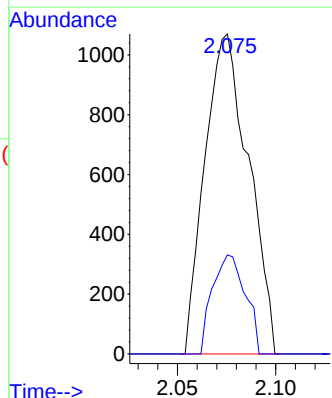
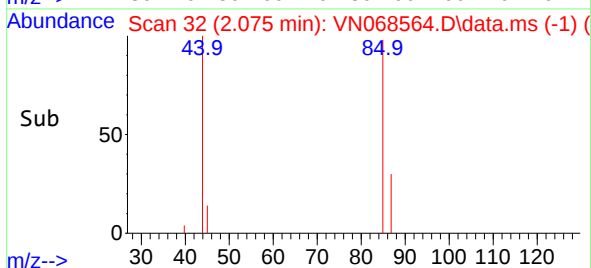
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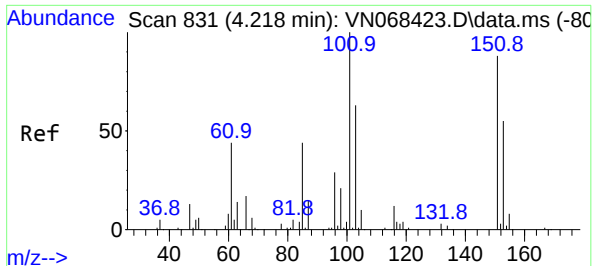


#2
Dichlorodifluoromethane
Concen: 0.446 ug/l
RT: 2.075 min Scan# 32
Delta R.T. -0.003 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10



Tgt Ion: 85 Resp: 1653
Ion Ratio Lower Upper
85 100
87 30.9 16.5 49.5





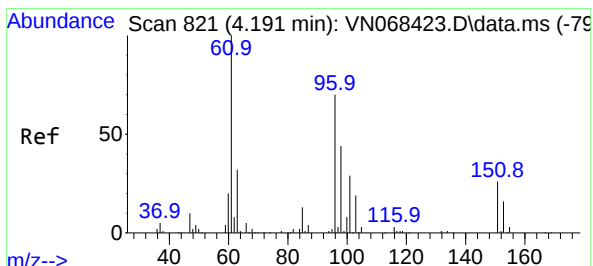
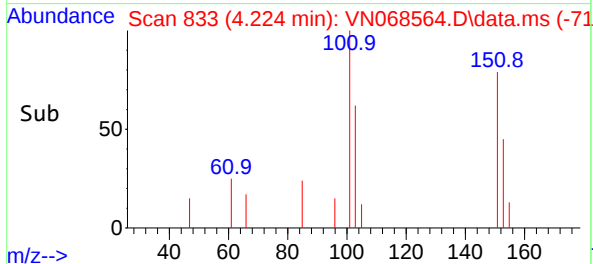
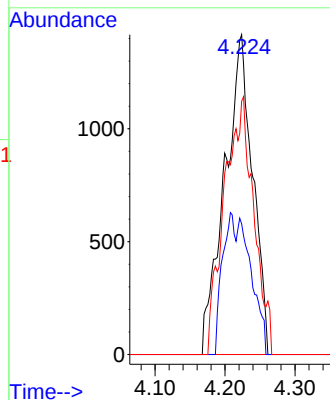
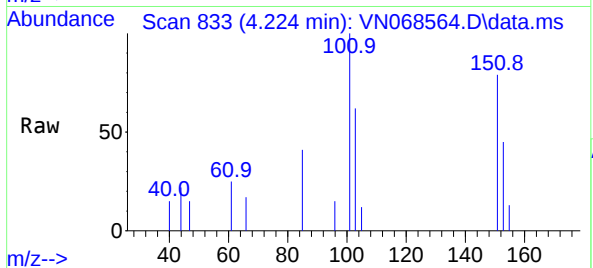
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.008 ug/l m
RT: 4.224 min Scan# 833
Delta R.T. 0.006 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

Tgt Ion: 101 Resp: 3932
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 84.8 71.6 107.4

Instrument :
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MW180D1-20210915DL

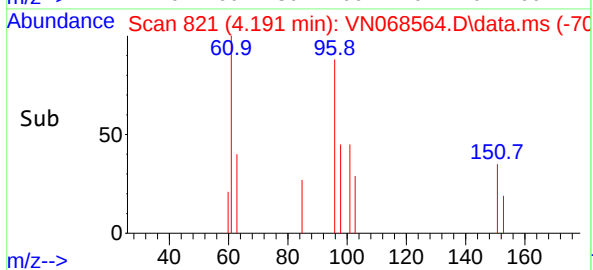
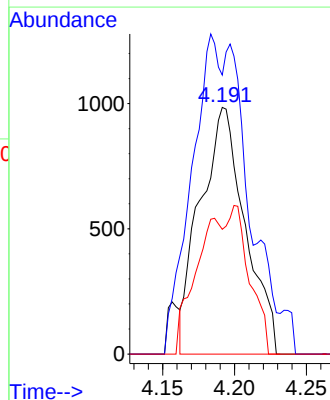
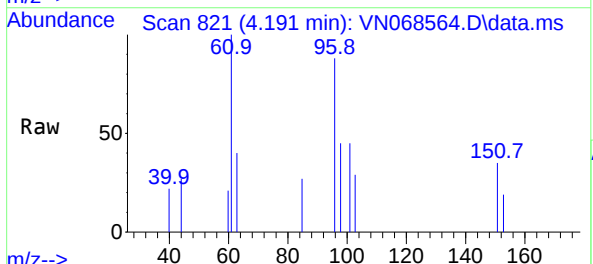
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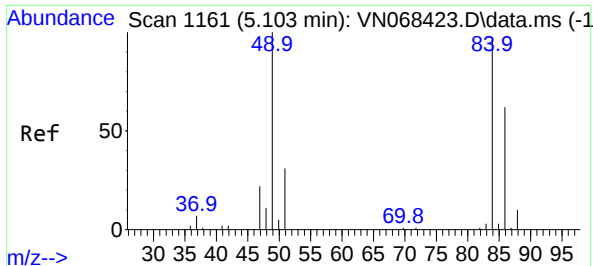
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#12
1,1-Dichloroethene
Concen: 0.602 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.000 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

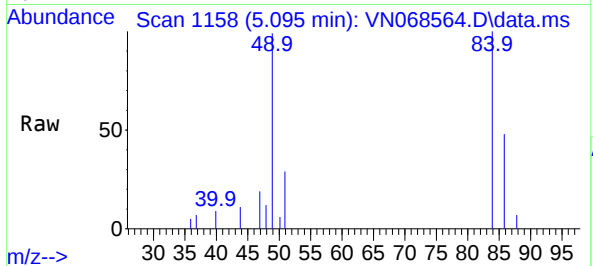
Tgt Ion: 96 Resp: 2148
Ion Ratio Lower Upper
96 100
61 96.6 114.7 172.1#
98 50.6 50.9 76.3#





#20
Methylene Chloride
Concen: 1.204 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.008 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

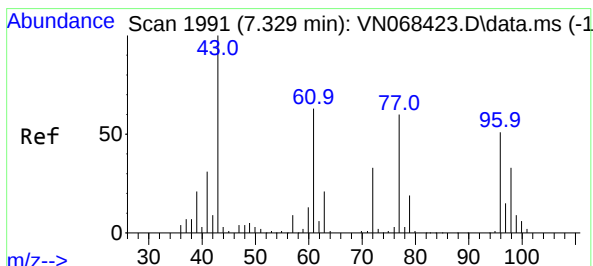
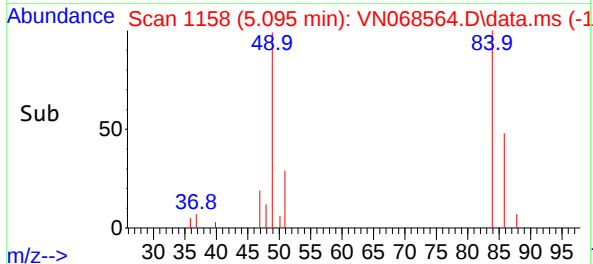
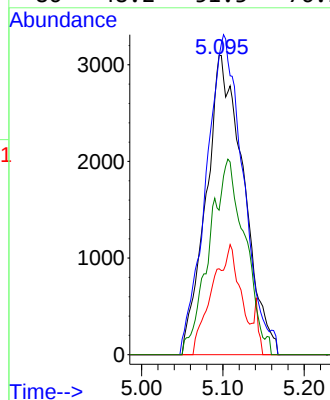
Instrument :
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ClientSampleId :
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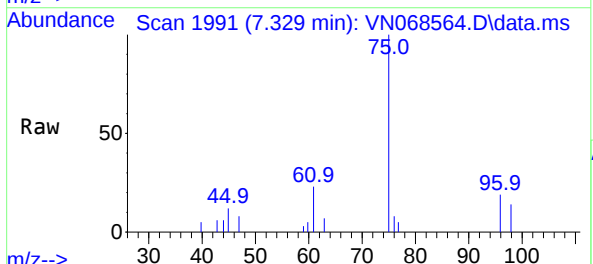
Tgt Ion:	84	Resp:	9921
Ion	Ratio	Lower	Upper
84	100		
49	99.5	83.0	124.6
51	28.7	25.4	38.0
86	48.2	51.3	76.9#

Manual Integrations
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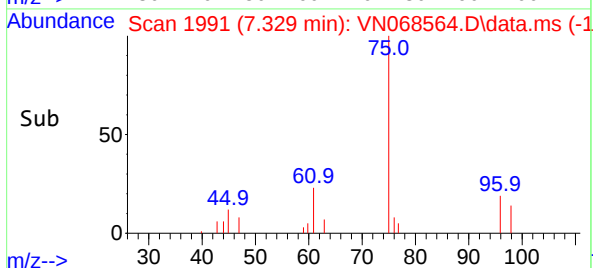
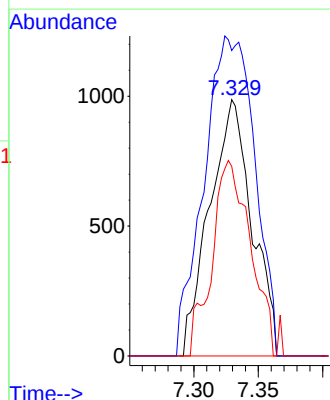
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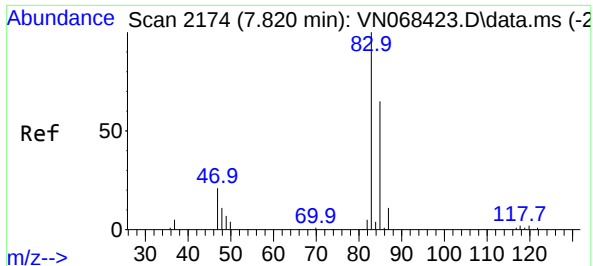


#27
cis-1,2-Dichloroethene
Concen: 0.472 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10



Tgt Ion:	96	Resp:	2260
Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	246.4
98	68.9	0.0	130.4





#30

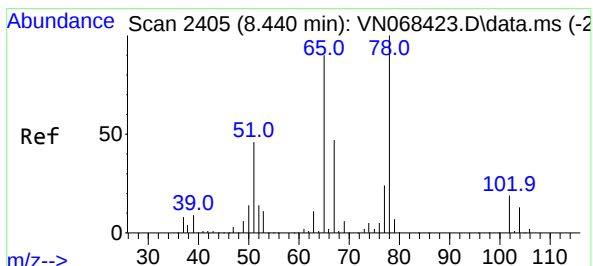
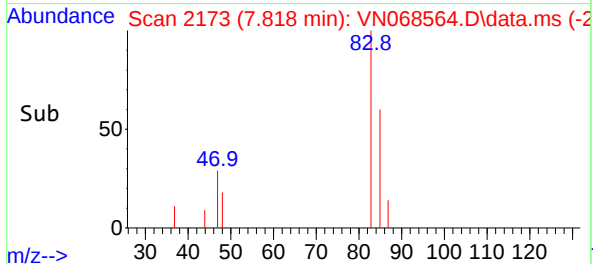
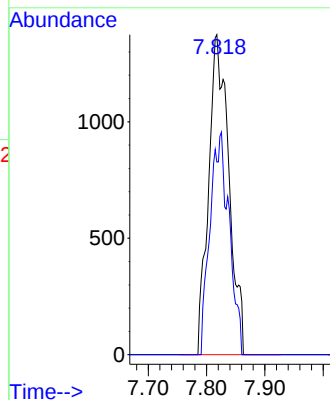
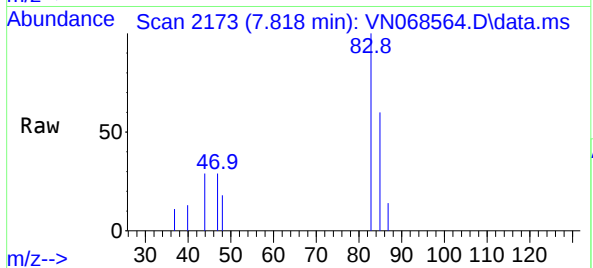
Chloroform
Concen: 0.419 ug/l m
RT: 7.818 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

Tgt Ion: 83 Resp: 3302
Ion Ratio Lower Upper
83 100
85 60.2 52.2 78.4

Instrument :
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ClientSampleId :
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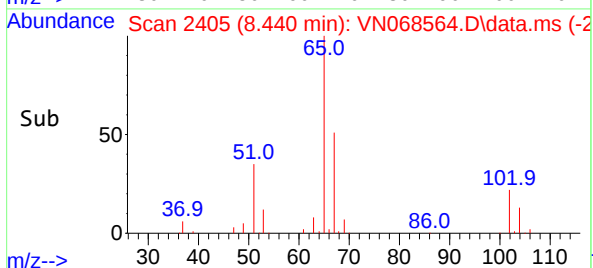
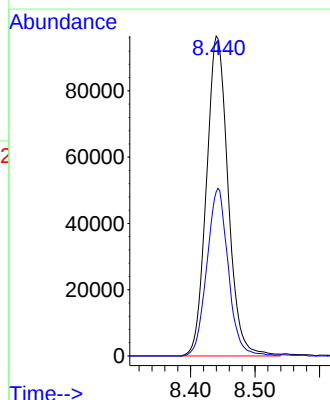
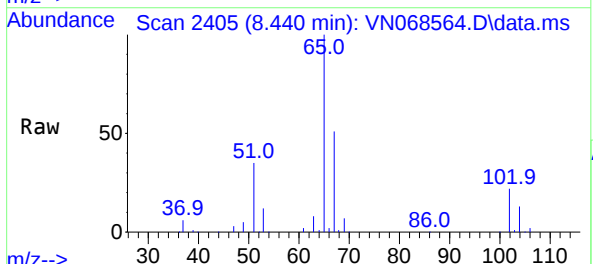
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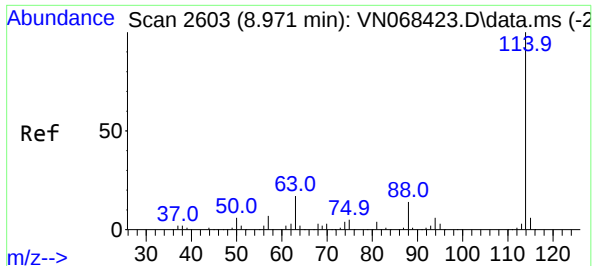


#33

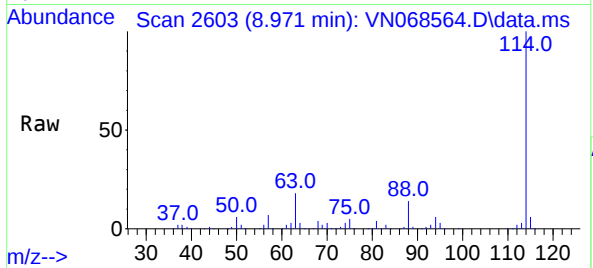
1,2-Dichloroethane-d4
Concen: 54.047 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

Tgt Ion: 65 Resp: 225299
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

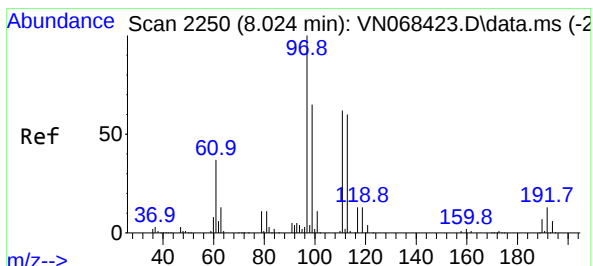
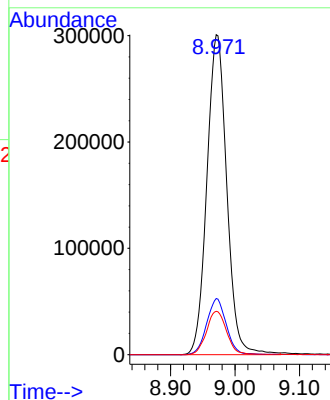
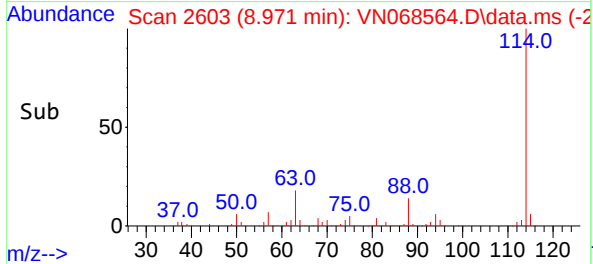




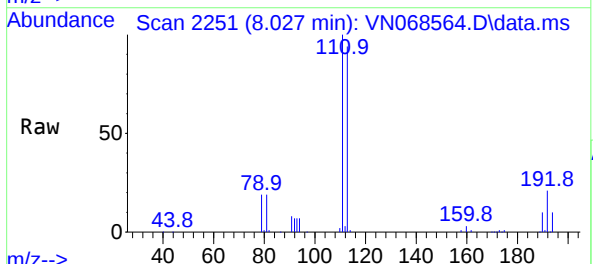
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10



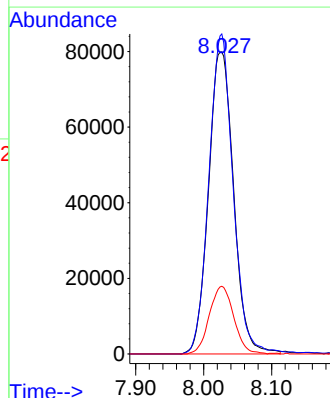
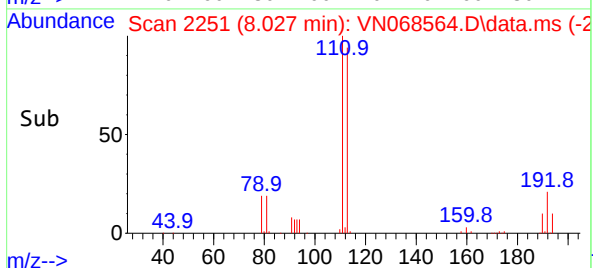
Tgt Ion:114 Resp: 644590
Ion Ratio Lower Upper
114 100
63 17.5 0.0 33.2
88 13.6 0.0 28.4



#35
Dibromofluoromethane
Concen: 52.869 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10



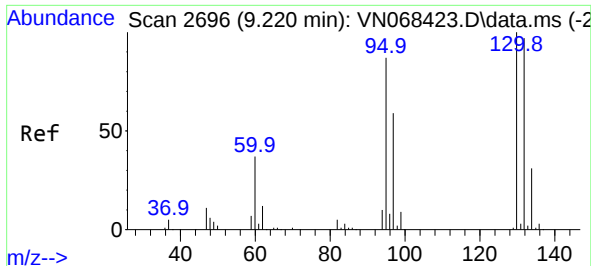
Tgt Ion:113 Resp: 205539
Ion Ratio Lower Upper
113 100
111 101.3 81.1 121.7
192 21.8 17.7 26.5



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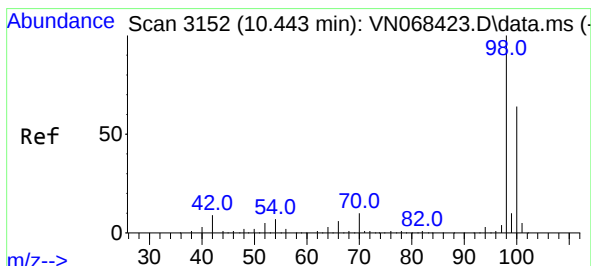
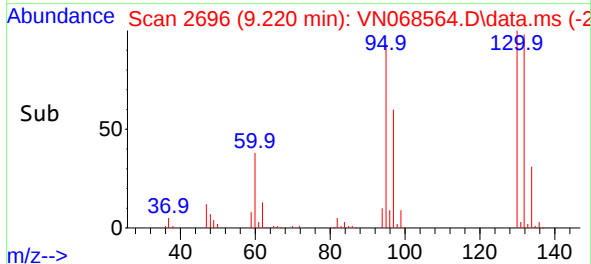
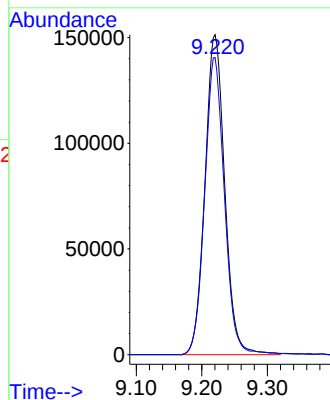
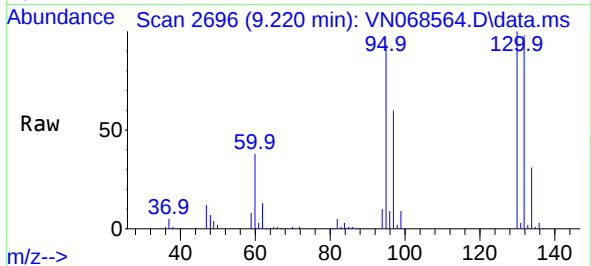
#44
Trichloroethene
Concen: 63.046 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.000 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

Tgt Ion:130 Resp: 317532
Ion Ratio Lower Upper
130 100
95 92.9 0.0 173.8

Instrument :
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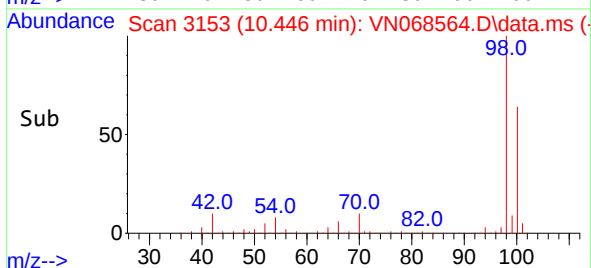
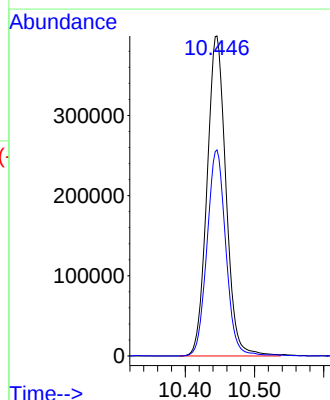
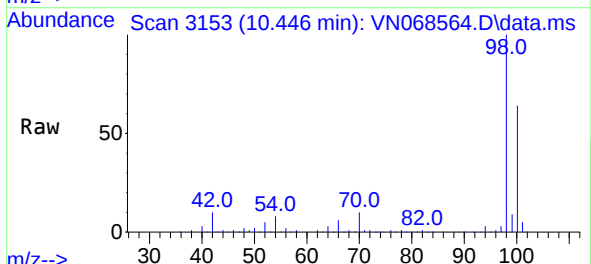
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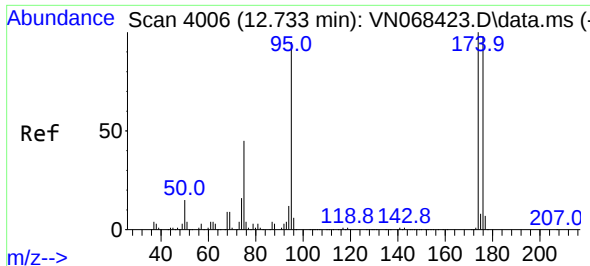
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#50
Toluene-d8
Concen: 47.817 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

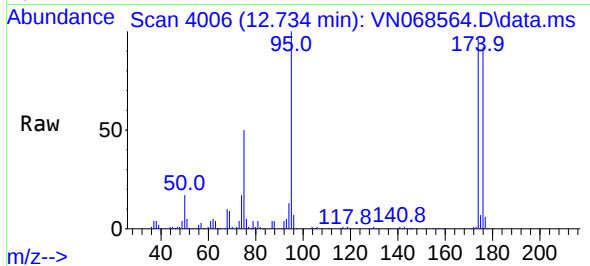
Tgt Ion: 98 Resp: 759766
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.6





#62
4-Bromofluorobenzene
Concen: 42.637 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

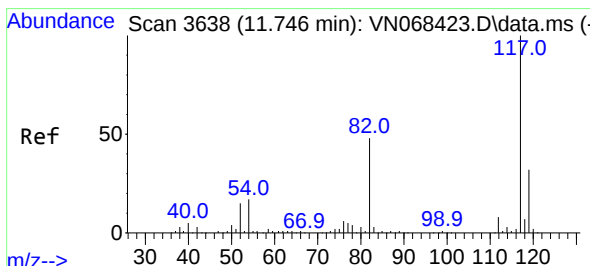
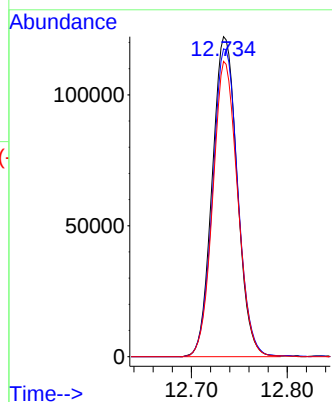
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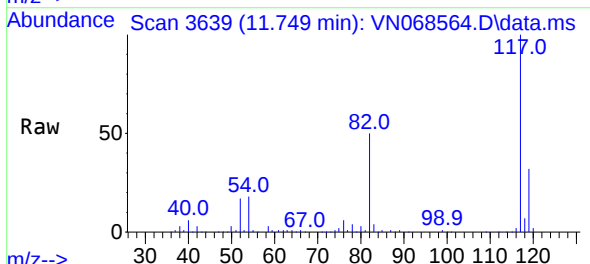
Tgt Ion: 95 Resp: 220589
Ion Ratio Lower Upper
95 100
174 96.9 0.0 214.0
176 91.7 0.0 205.4

Manual Integrations
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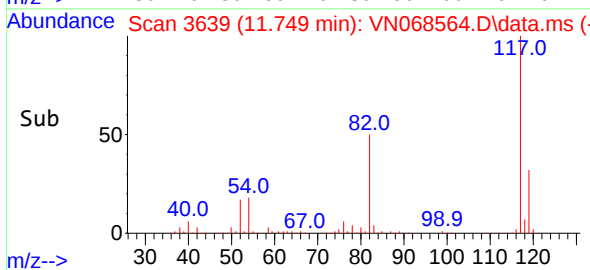
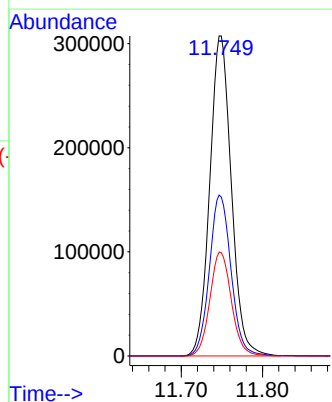
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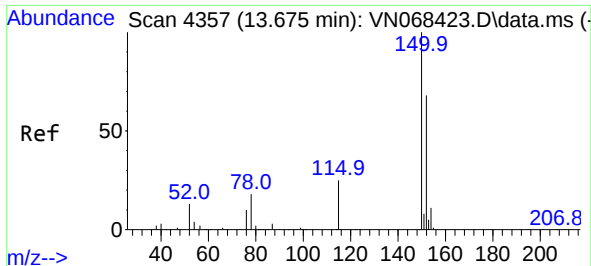


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10



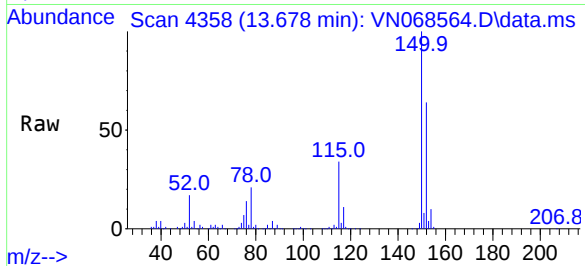
Tgt Ion: 117 Resp: 567359
Ion Ratio Lower Upper
117 100
82 49.7 38.7 58.1
119 32.3 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

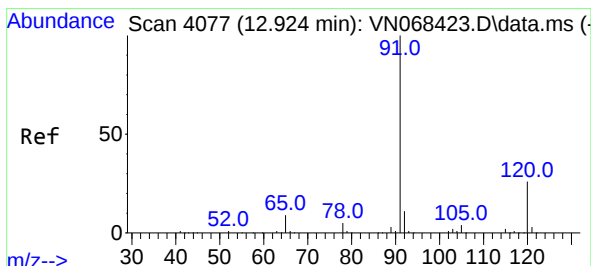
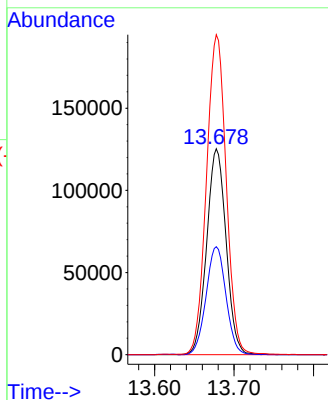
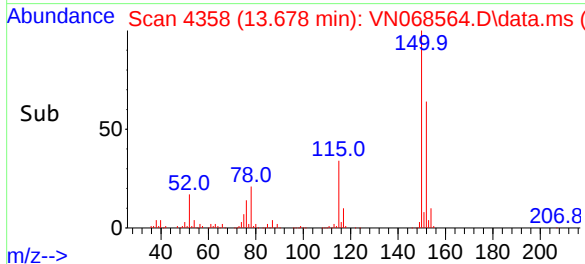
Instrument :
MSVOA_N
ClientSampleId :
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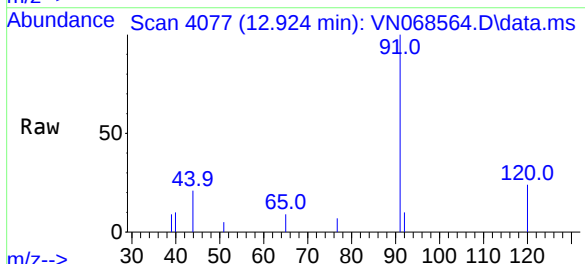
Tgt Ion:152 Resp: 213270
Ion Ratio Lower Upper
152 100
115 53.6 25.6 76.6
150 157.6 0.0 346.8

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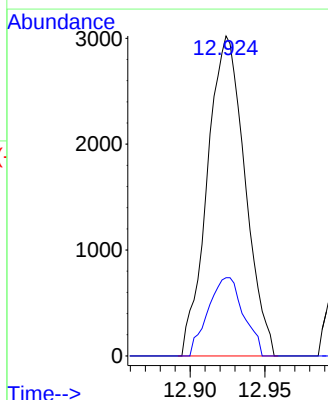
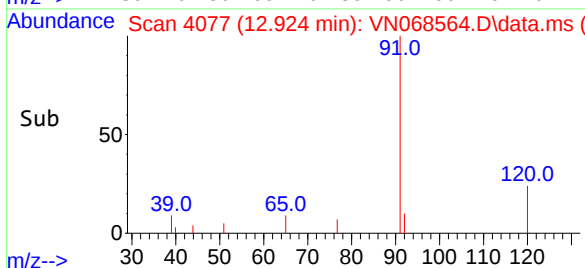
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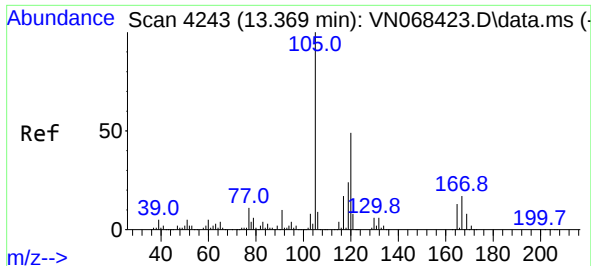


#78
n-propylbenzene
Concen: 0.330 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10



Tgt Ion: 91 Resp: 5288
Ion Ratio Lower Upper
91 100
120 23.1 13.2 39.6





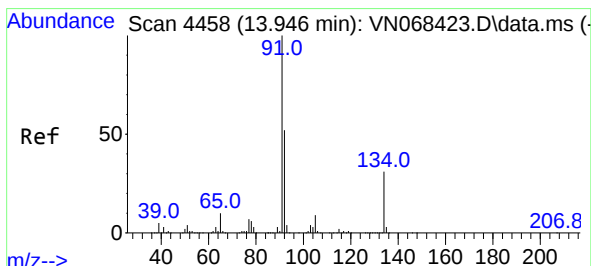
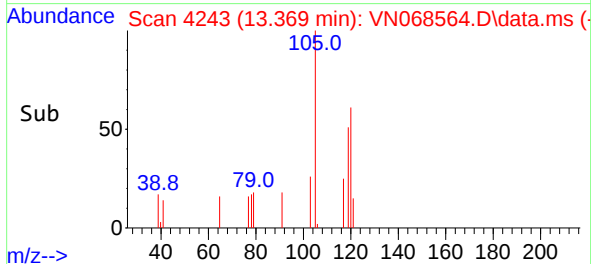
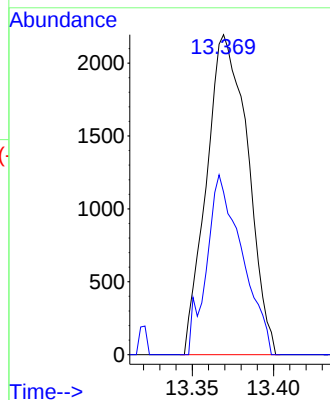
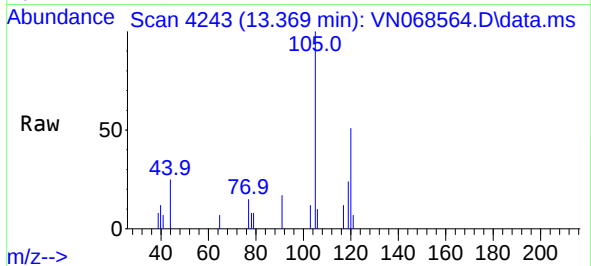
#84
1,2,4-Trimethylbenzene
Concen: 0.328 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

Tgt Ion: 105 Resp: 3873
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9

Instrument :
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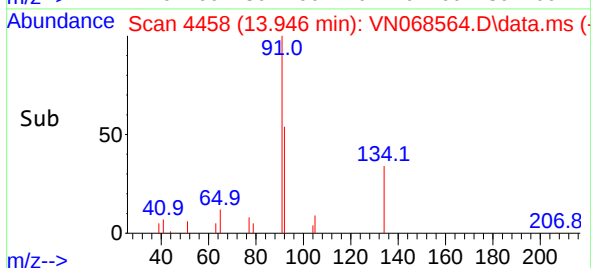
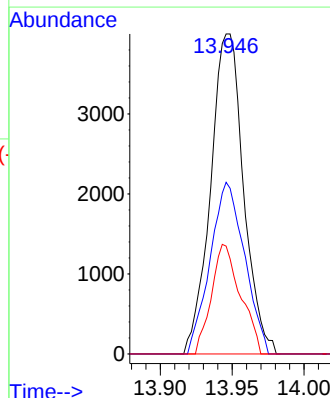
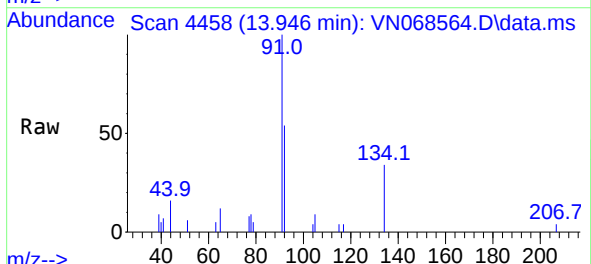
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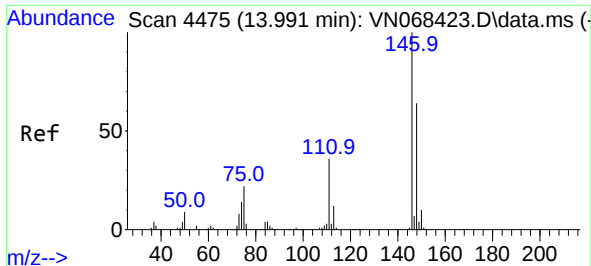
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#89
n-Butylbenzene
Concen: 0.699 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

Tgt Ion: 91 Resp: 6381
Ion Ratio Lower Upper
91 100
92 55.9 26.0 78.0
134 30.1 15.4 46.2





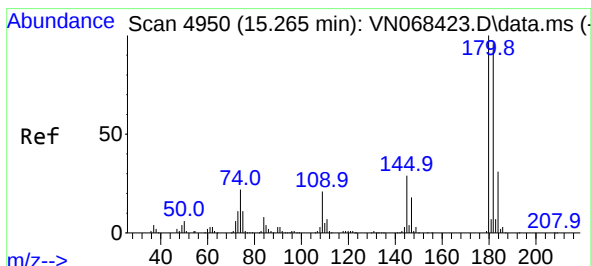
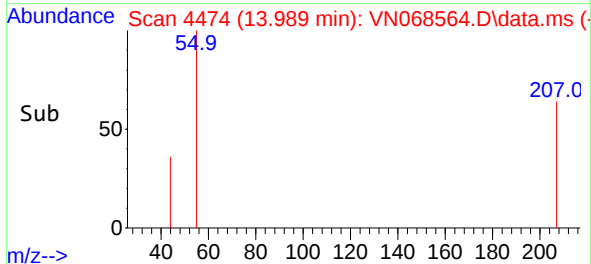
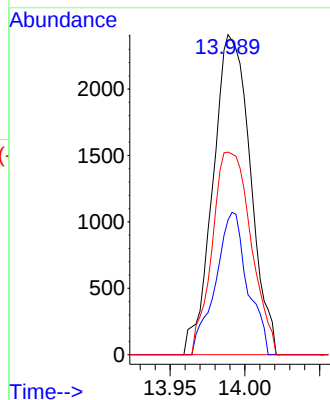
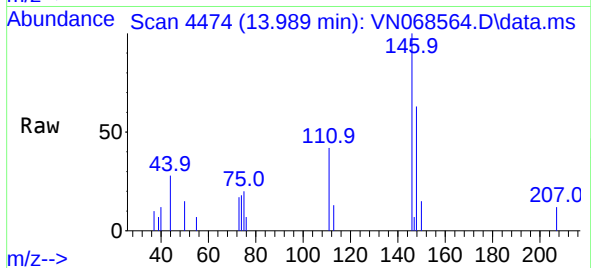
#91
1,2-Dichlorobenzene
Concen: 0.596 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

Tgt Ion:	146	Resp:	4188
Ion Ratio	Lower	Upper	
146	100		
111	38.3	18.1	54.3
148	65.8	32.1	96.5

Instrument :
MSVOA_N
ClientSampleId :
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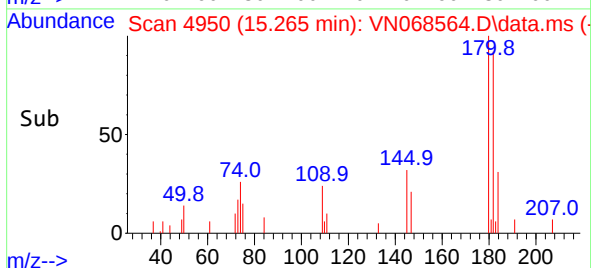
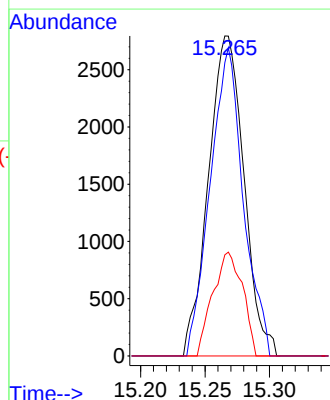
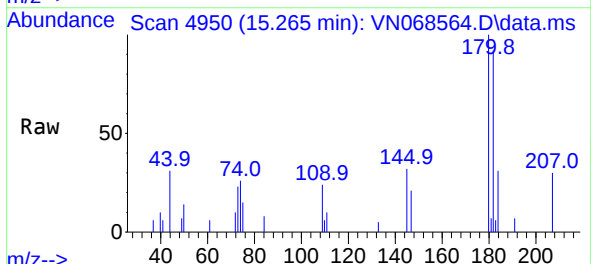
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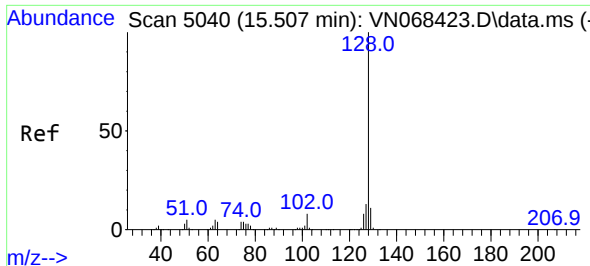
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#93
1,2,4-Trichlorobenzene
Concen: 4.222 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

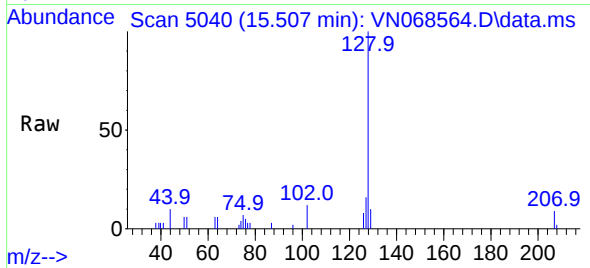
Tgt Ion:	180	Resp:	5349
Ion Ratio	Lower	Upper	
180	100		
182	89.7	47.5	142.6
145	27.1	14.1	42.4





#95
Naphthalene
Concen: 5.151 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10

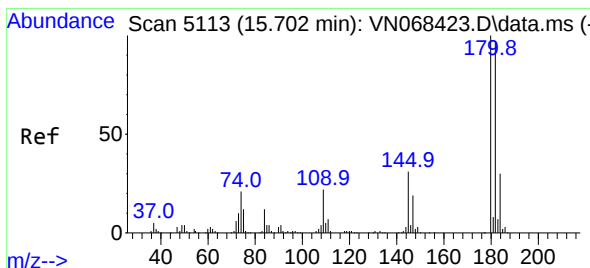
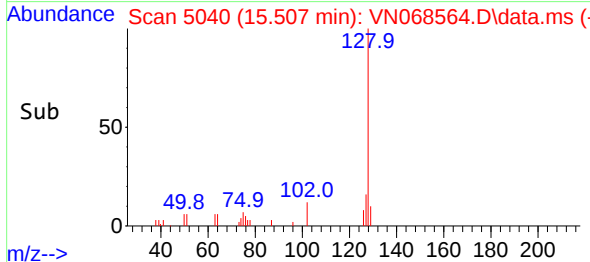
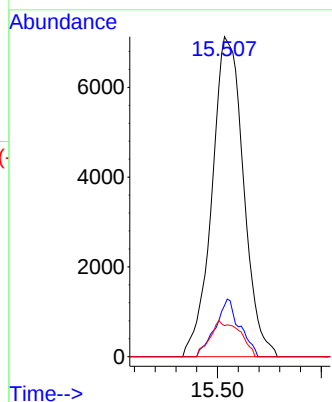
Instrument :
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ClientSampleId :
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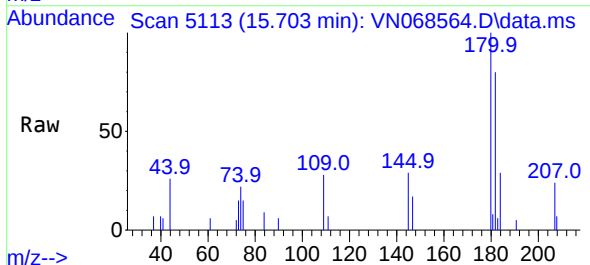
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	10.6	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 4.464 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN068564.D
Acq: 20 Sep 2021 19:10



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.9	143.6
145	33.6	15.2	45.5

