

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031821\
 Data File : VN066253.D
 Acq On : 18 Mar 2021 14:21
 Operator : JC/MD
 Sample : M1714-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR3-224-234-031721

Quant Time: Mar 19 04:25:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

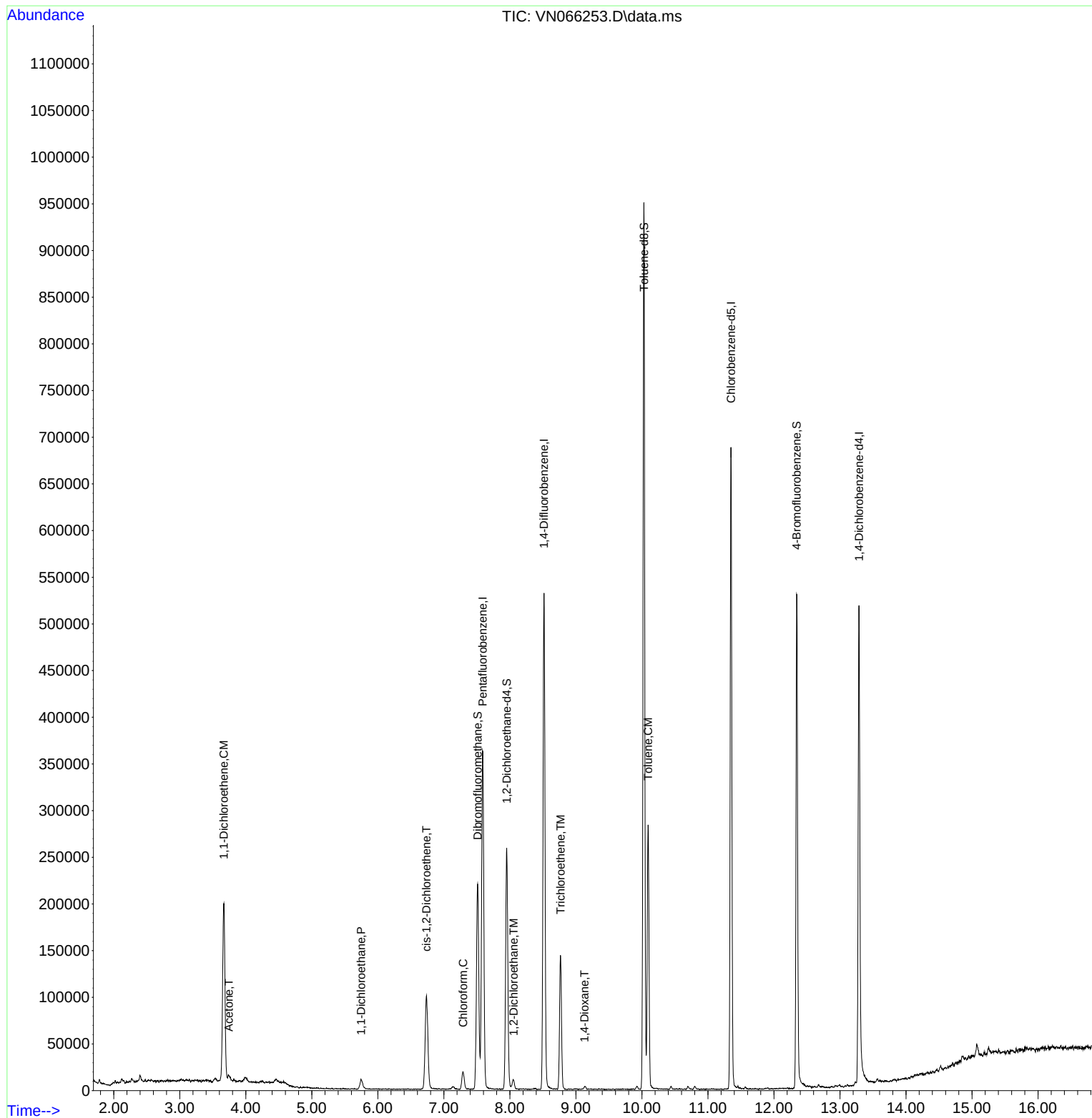
Internal Standards						
1) Pentafluorobenzene	7.587	168	317951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	477023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	421179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	164215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	212302	46.35	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.70%
35) Dibromofluoromethane	7.512	113	171517	56.36	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.72%
50) Toluene-d8	10.030	98	642850	54.63	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.26%
62) 4-Bromofluorobenzene	12.345	95	185700	43.78	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.56%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	3.669	96	88564	29.67	ug/l	98
16) Acetone	3.744	43	8268	3.76	ug/l	98
24) 1,1-Dichloroethane	5.747	63	16047	2.22	ug/l	96
27) cis-1,2-Dichloroethene	6.737	96	68717	18.02	ug/l	77
30) Chloroform	7.292	83	20659	3.12	ug/l	100
42) 1,2-Dichloroethane	8.056	62	9774	1.86	ug/l	94
44) Trichloroethene	8.770	130	56539	16.04	ug/l	83
49) 1,4-Dioxane	9.129	88	1926	35.07	ug/l #	84
52) Toluene	10.095	92	125989	14.99	ug/l	97

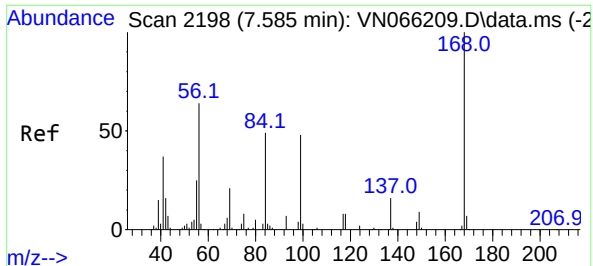
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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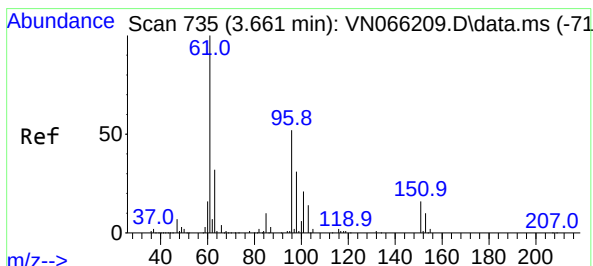
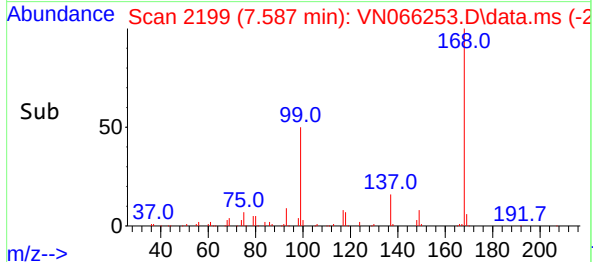
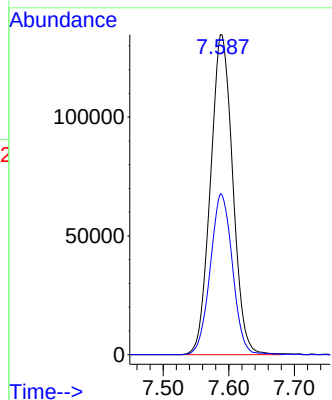
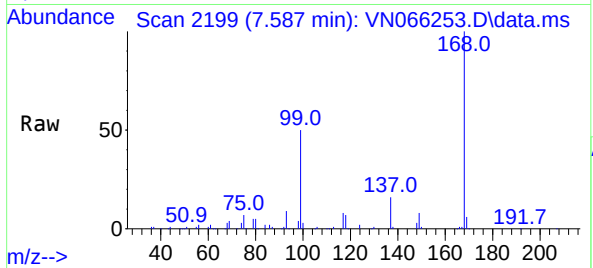




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

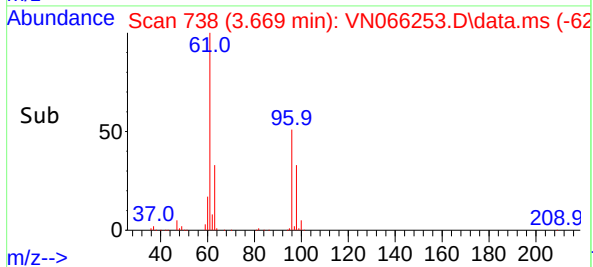
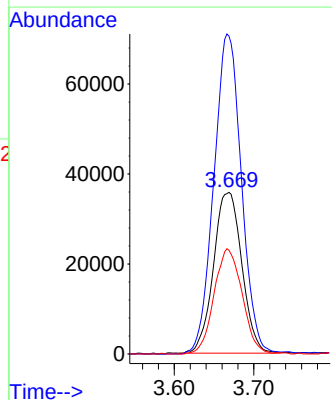
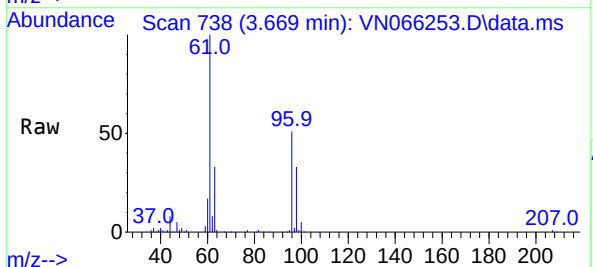
Instrument :
MSVOA_N
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GWBR3-224-234-031721

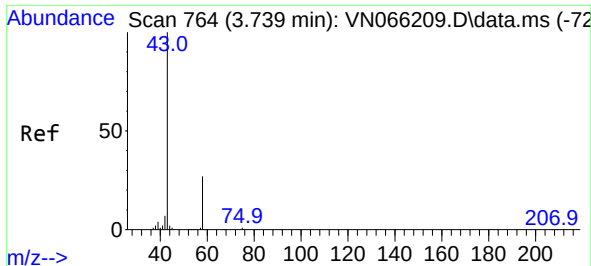
Tgt Ion:168 Resp: 317951
Ion Ratio Lower Upper
168 100
99 50.3 45.4 68.0



#12
1,1-Dichloroethene
Concen: 29.67 ug/l
RT: 3.669 min Scan# 738
Delta R.T. 0.008 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

Tgt Ion: 96 Resp: 88564
Ion Ratio Lower Upper
96 100
61 197.6 155.4 233.2
98 64.5 50.8 76.2

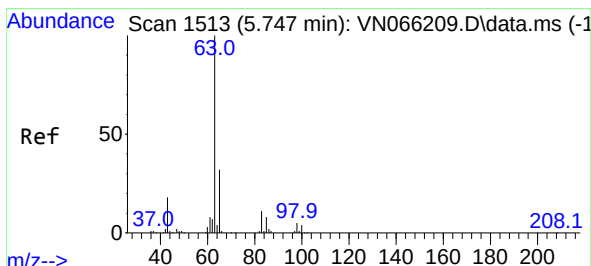
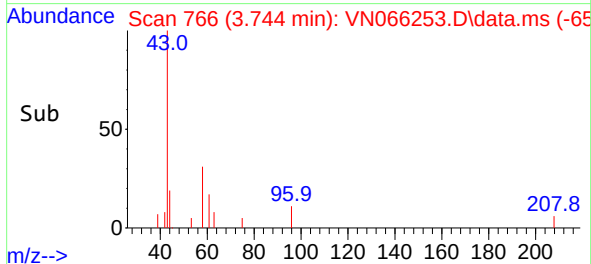
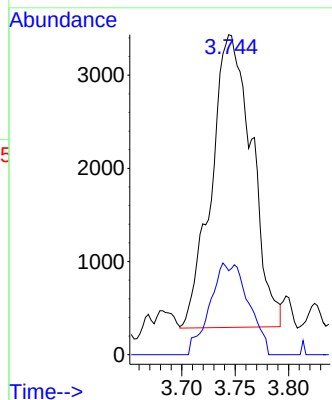
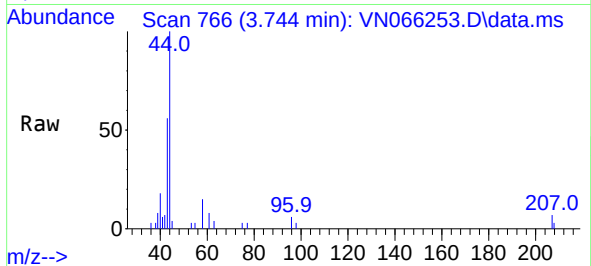




#16
Acetone
Concen: 3.76 ug/l
RT: 3.744 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

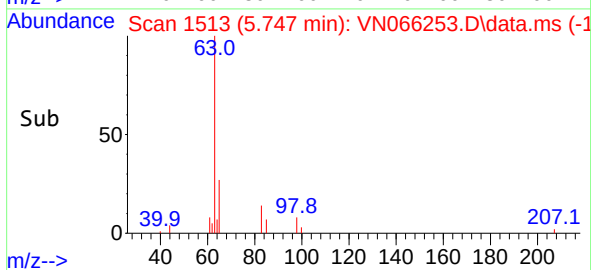
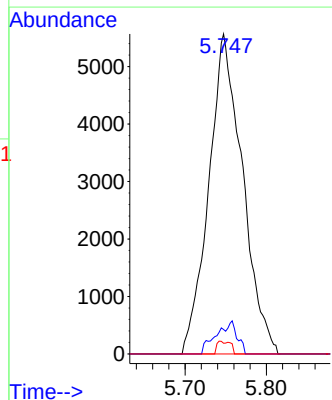
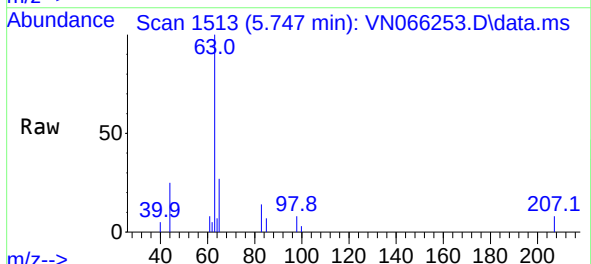
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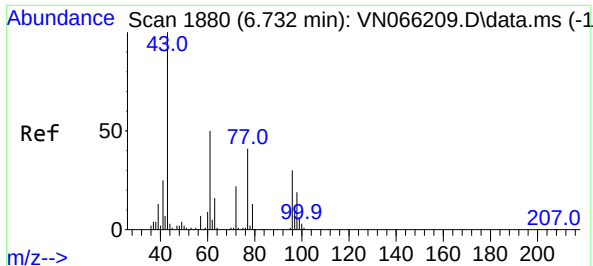
Tgt Ion: 43 Resp: 8268
Ion Ratio Lower Upper
43 100
58 28.8 22.3 33.5



#24
1,1-Dichloroethane
Concen: 2.22 ug/l
RT: 5.747 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

Tgt Ion: 63 Resp: 16047
Ion Ratio Lower Upper
63 100
98 7.7 2.9 8.6
100 3.4 1.7 5.0

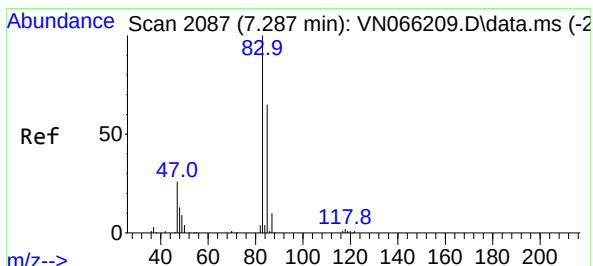
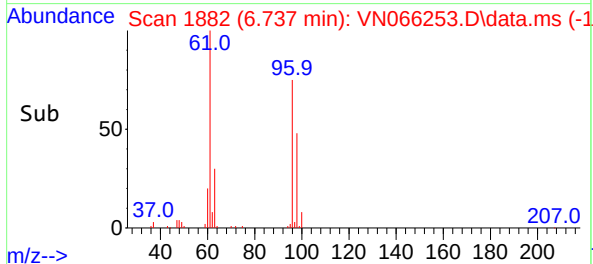
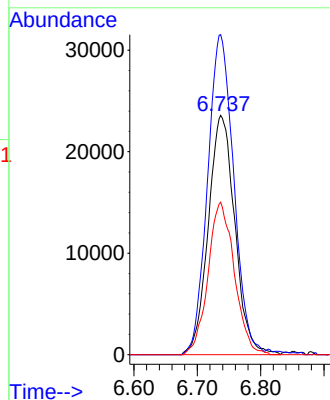
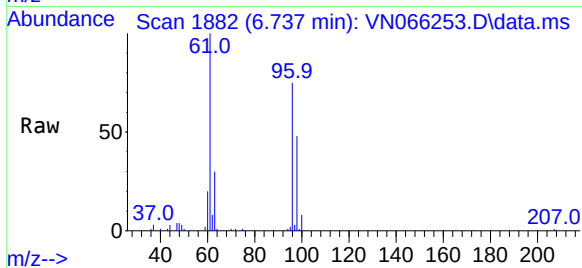




#27
cis-1,2-Dichloroethene
Concen: 18.02 ug/l
RT: 6.737 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

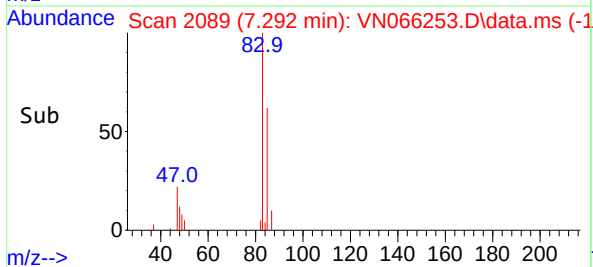
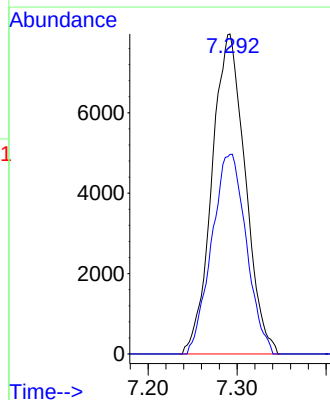
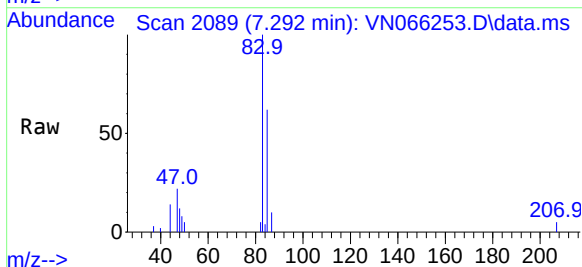
Instrument :
MSVOA_N
ClientSampleId :
GWBR3-224-234-031721

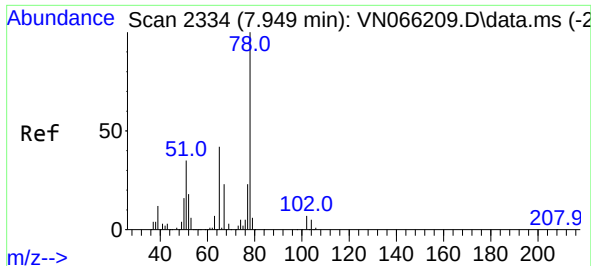
Tgt Ion:	96	Resp:	68717
Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	350.8
98	63.2	0.0	125.0



#30
Chloroform
Concen: 3.12 ug/l
RT: 7.292 min Scan# 2089
Delta R.T. 0.005 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

Tgt Ion:	83	Resp:	20659
Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.9	74.9



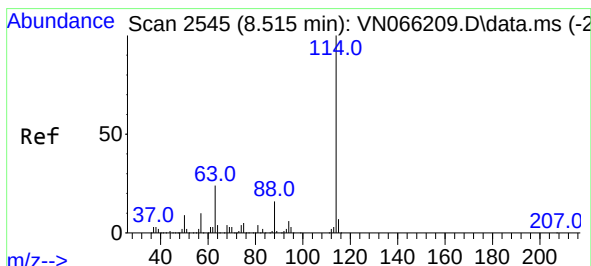
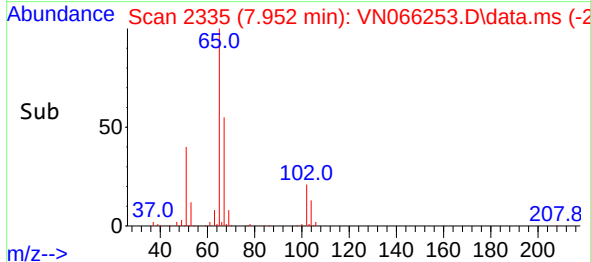
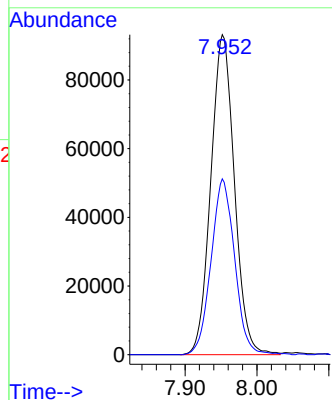
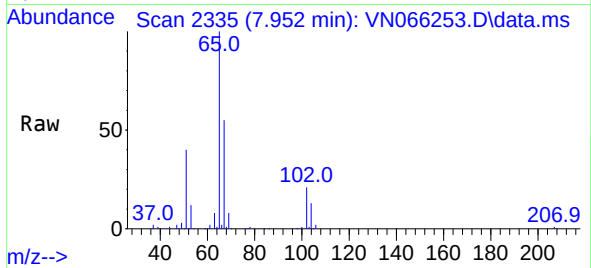


#33

1,2-Dichloroethane-d4
Concen: 46.35 ug/l
RT: 7.952 min Scan# 2335
Delta R.T. 0.003 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

Instrument :
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ClientSampleId :
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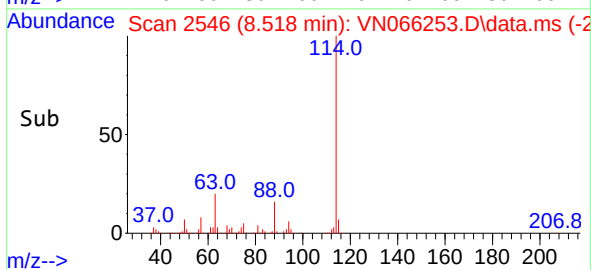
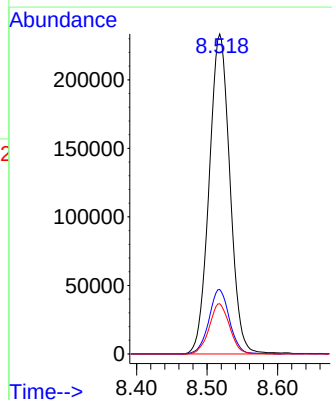
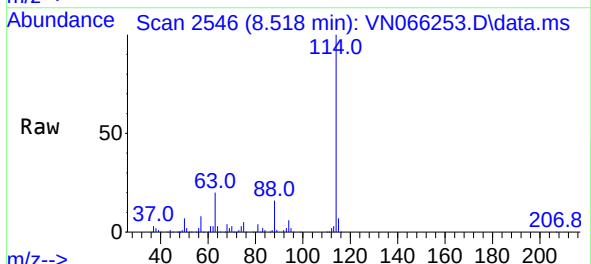
Tgt Ion: 65 Resp: 212302
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.2

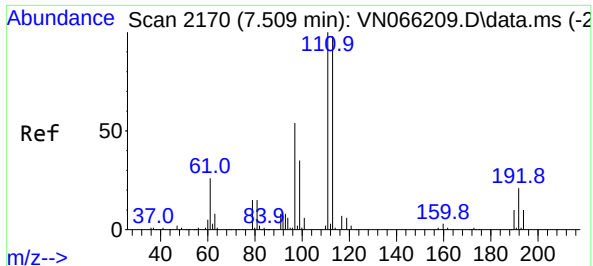


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.518 min Scan# 2546
Delta R.T. 0.003 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

Tgt Ion: 114 Resp: 477023
Ion Ratio Lower Upper
114 100
63 20.1 0.0 49.2
88 15.7 0.0 33.8

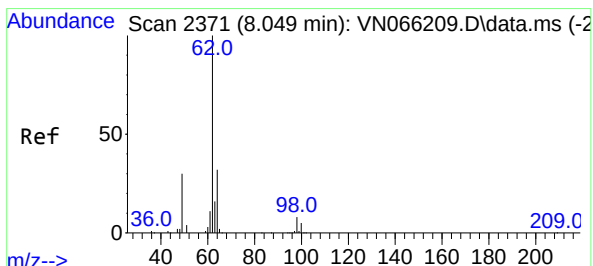
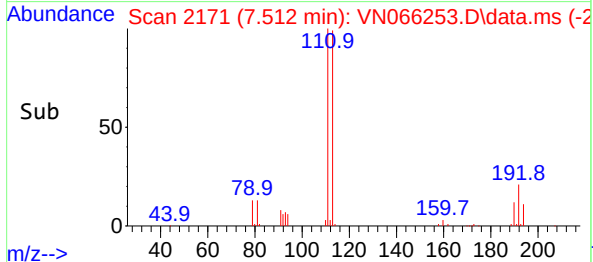
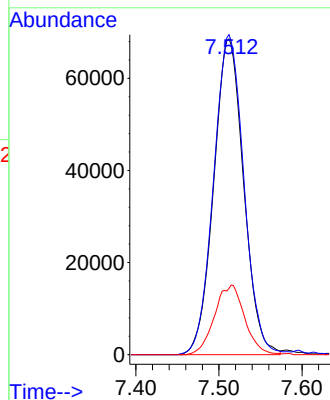
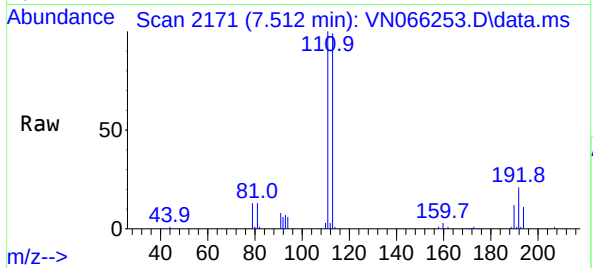




#35
Dibromofluoromethane
Concen: 56.36 ug/l
RT: 7.512 min Scan# 2171
Delta R.T. 0.003 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

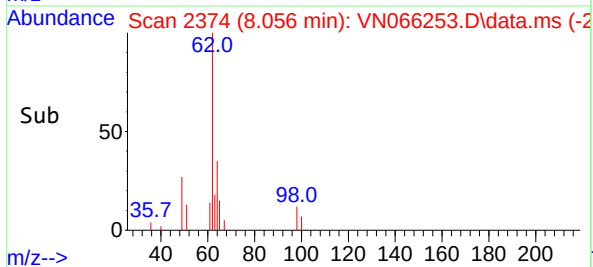
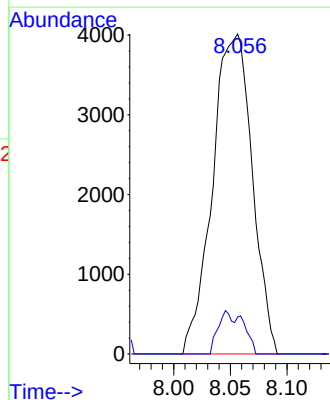
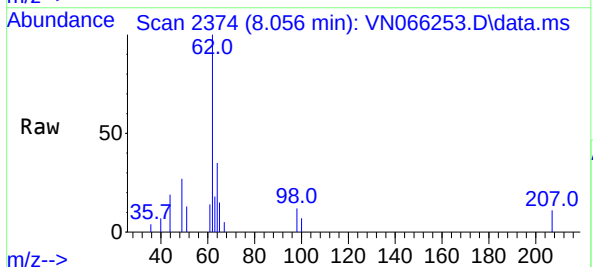
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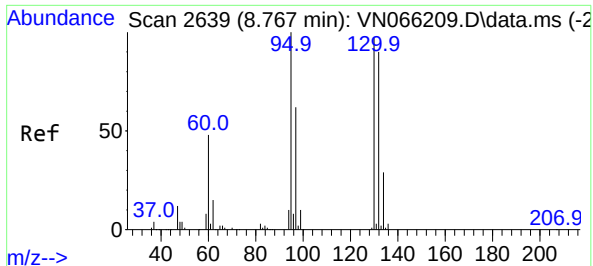
Tgt Ion:113 Resp: 171517
Ion Ratio Lower Upper
113 100
111 102.4 84.0 126.0
192 22.3 16.7 25.1



#42
1,2-Dichloroethane
Concen: 1.86 ug/l
RT: 8.056 min Scan# 2374
Delta R.T. 0.007 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

Tgt Ion: 62 Resp: 9774
Ion Ratio Lower Upper
62 100
98 5.2 0.0 14.8

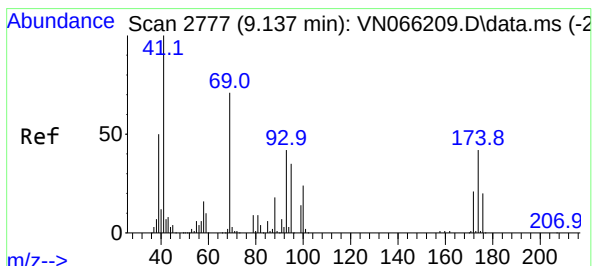
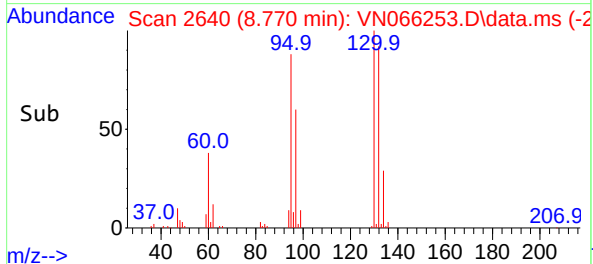
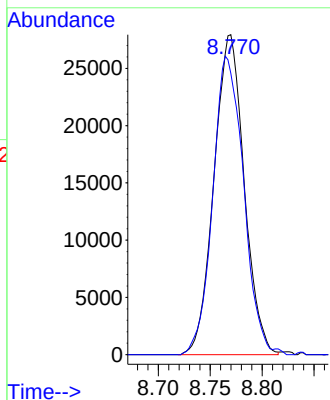
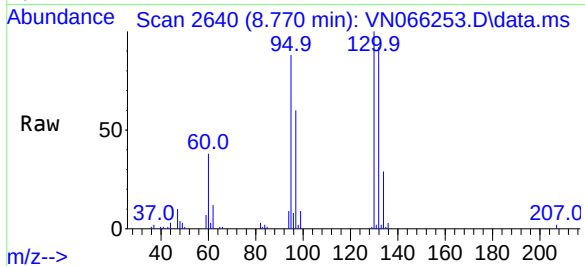




#44
Trichloroethene
Concen: 16.04 ug/l
RT: 8.770 min Scan# 2640
Delta R.T. 0.003 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

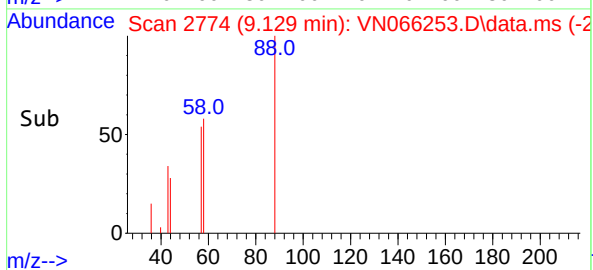
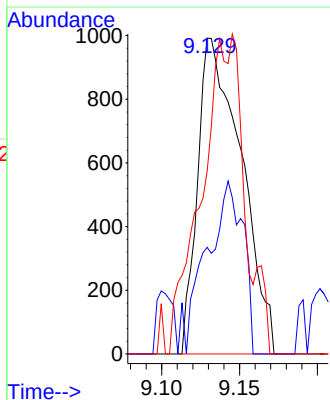
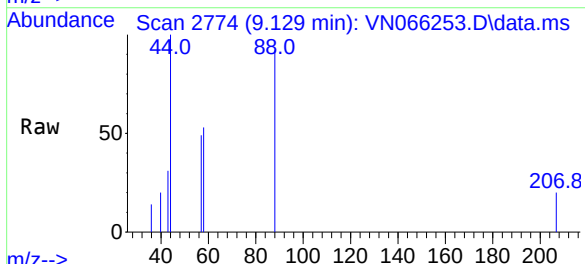
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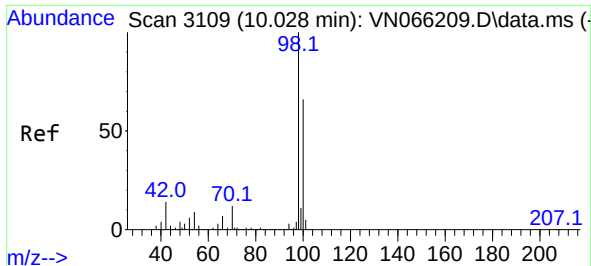
Tgt Ion:130 Resp: 56539
Ion Ratio Lower Upper
130 100
95 87.9 0.0 210.2



#49
1,4-Dioxane
Concen: 35.07 ug/l
RT: 9.129 min Scan# 2774
Delta R.T. -0.008 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

Tgt Ion: 88 Resp: 1926
Ion Ratio Lower Upper
88 100
43 46.4 34.4 51.6
58 64.4 67.3 100.9#

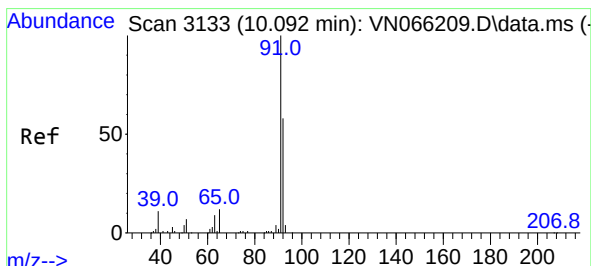
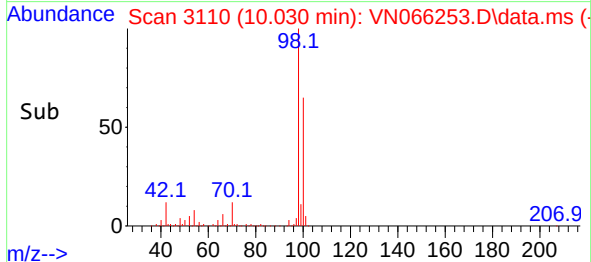
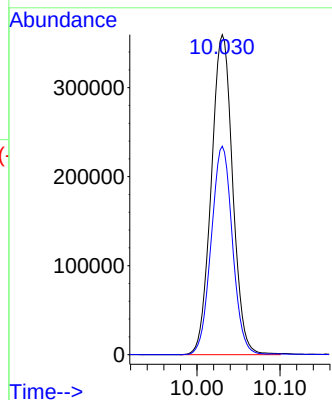
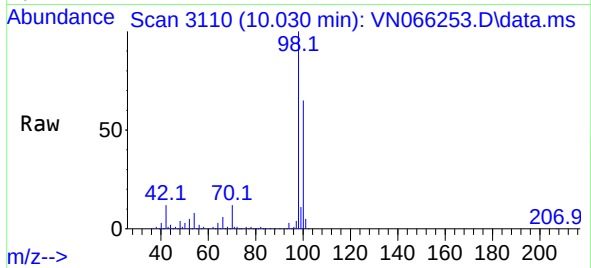




#50
Toluene-d8
Concen: 54.63 ug/l
RT: 10.030 min Scan# 3110
Delta R.T. 0.002 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

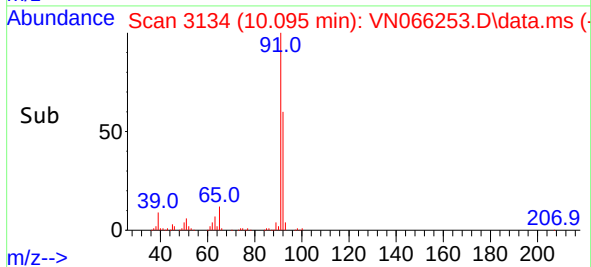
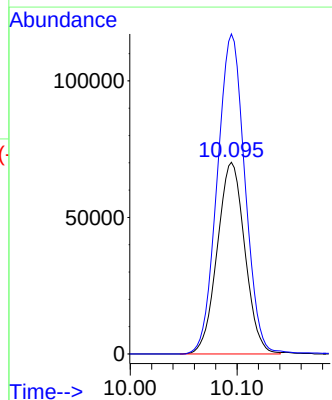
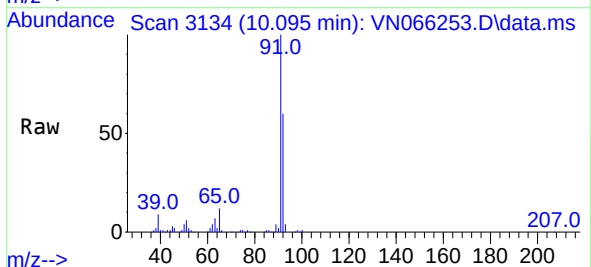
Instrument :
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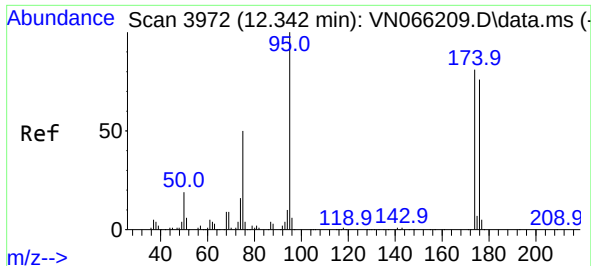
Tgt Ion: 98 Resp: 642850
Ion Ratio Lower Upper
98 100
100 64.6 51.0 76.6



#52
Toluene
Concen: 14.99 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

Tgt Ion: 92 Resp: 125989
Ion Ratio Lower Upper
92 100
91 168.0 137.5 206.3



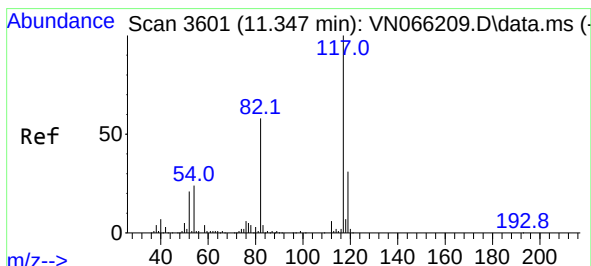
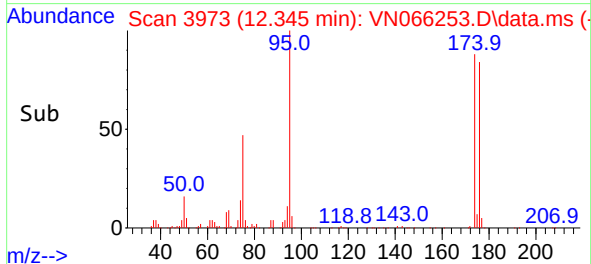
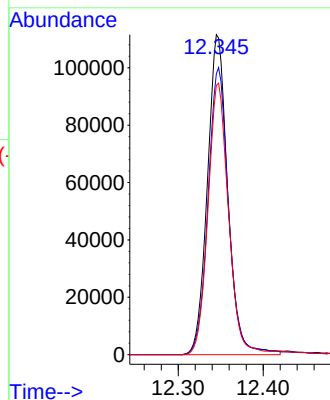
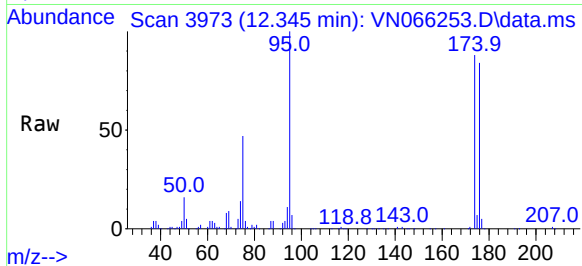


#62
4-Bromofluorobenzene
Concen: 43.78 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

Instrument :
MSVOA_N
ClientSampleId :
GWBR3-224-234-031721

Tgt Ion: 95 Resp: 185700

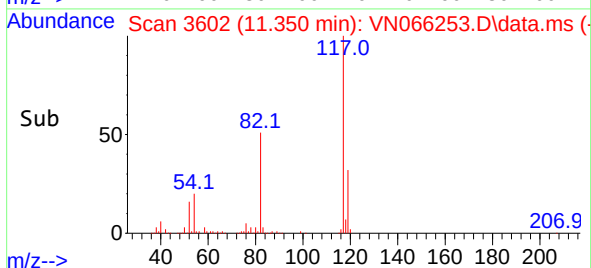
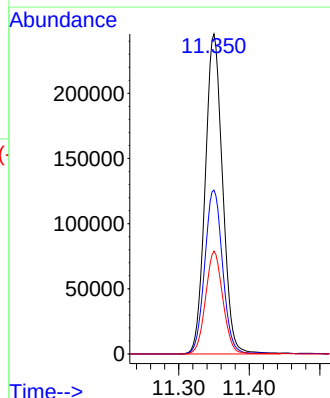
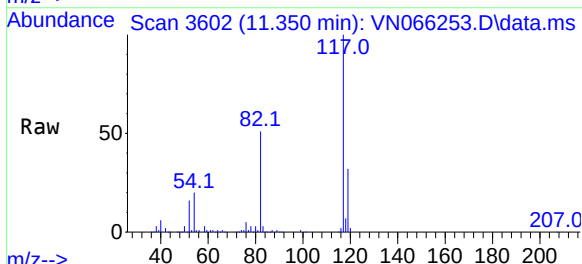
Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	162.4
176	85.2	0.0	156.2

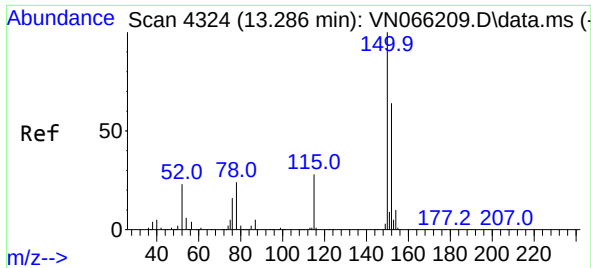


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

Tgt Ion: 117 Resp: 421179

Ion	Ratio	Lower	Upper
117	100		
82	51.2	49.0	73.6
119	32.2	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066253.D
Acq: 18 Mar 2021 14:21

Instrument :
MSVOA_N
ClientSampleId :
GWBR3-224-234-031721

Tgt Ion:152 Resp: 164215
Ion Ratio Lower Upper
152 100
115 53.5 29.4 88.3
150 158.8 0.0 352.2

