

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068524.D
 Acq On : 17 Sep 2021 17:00
 Operator : JC/MD
 Sample : M3781-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D2-20210915

Quant Time: Sep 20 03:58:40 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)

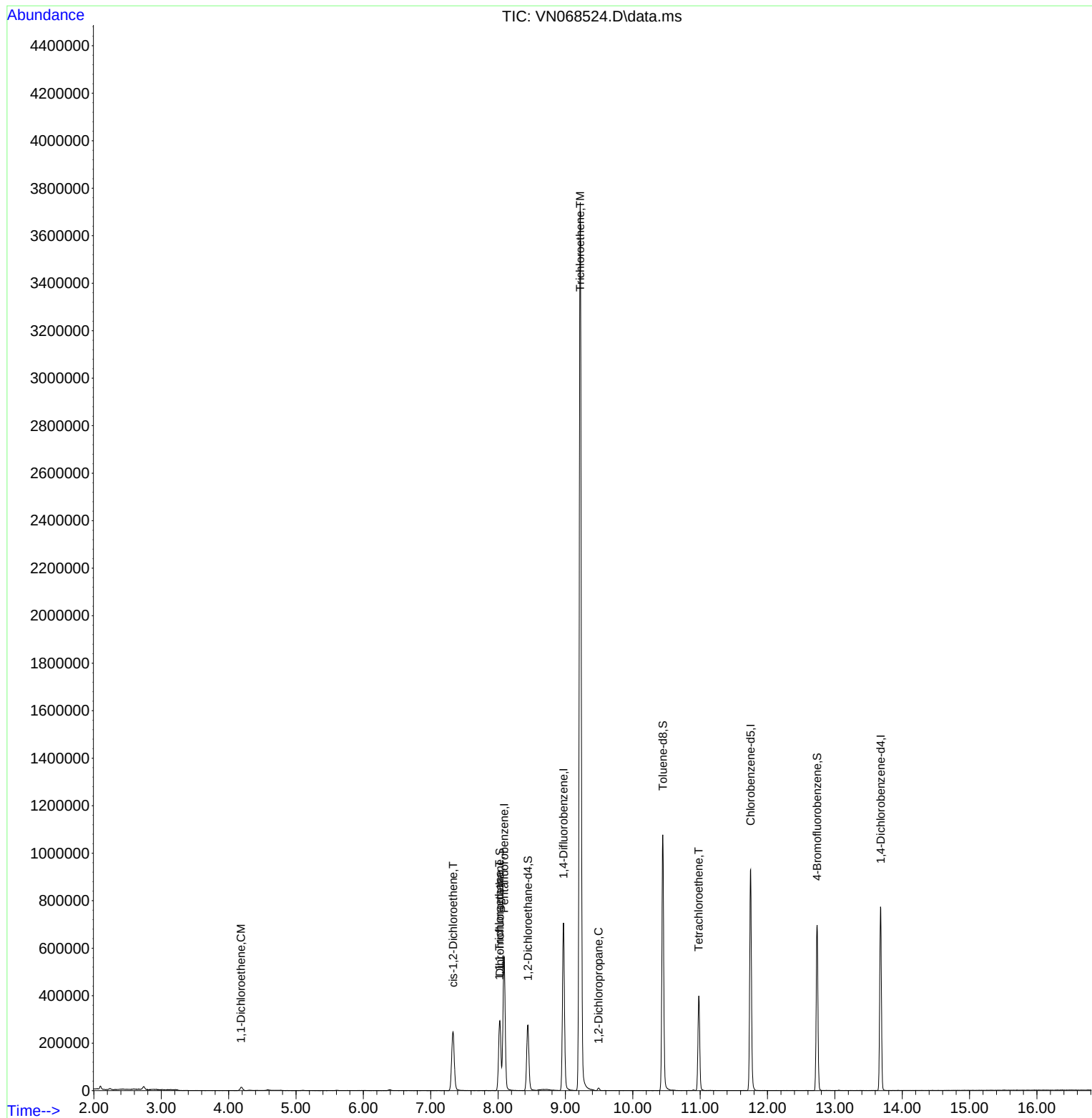
Internal Standards						
1) Pentafluorobenzene	8.091	168	476858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	680750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	608045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	237852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	238556	54.537	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.080%	
35) Dibromofluoromethane	8.027	113	218248	53.156	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.320%	
50) Toluene-d8	10.446	98	817883	48.672	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.340%	
62) 4-Bromofluorobenzene	12.736	95	240637	43.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 87.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.183	96	9214	2.459	ug/l	91
27) cis-1,2-Dichloroethene	7.332	96	170996	34.038	ug/l	91
32) 1,1,1-Trichloroethane	8.019	97	5147	0.672	ug/l #	47
44) Trichloroethene	9.220	130	1474666	277.241	ug/l	95
45) 1,2-Dichloropropane	9.491	63	4388	1.094	ug/l	99
64) Tetrachloroethene	10.979	164	97278	18.051	ug/l	94

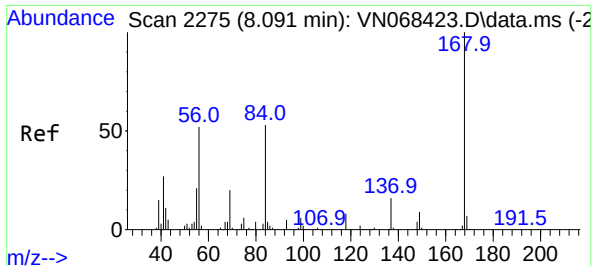
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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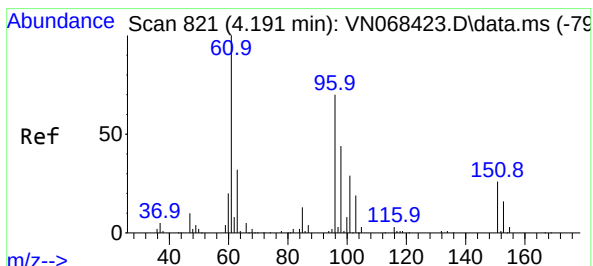
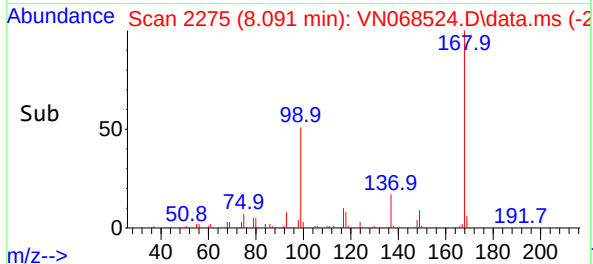
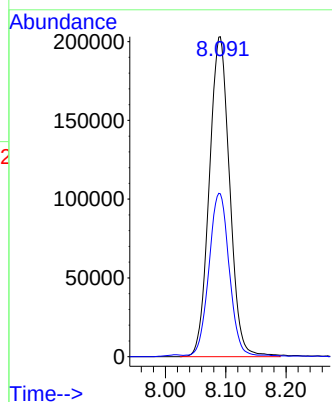
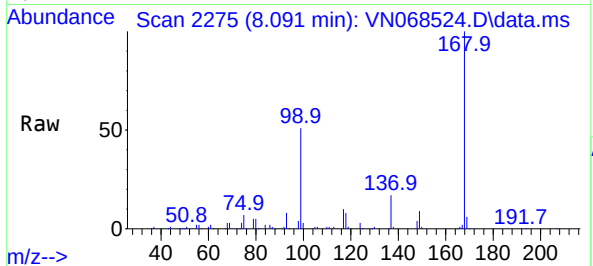




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

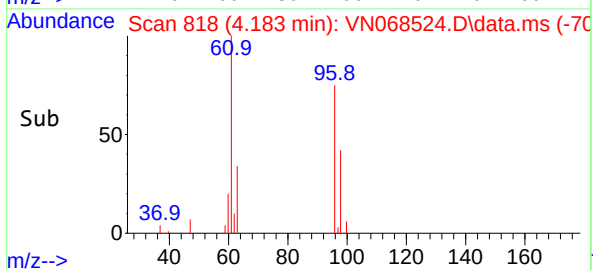
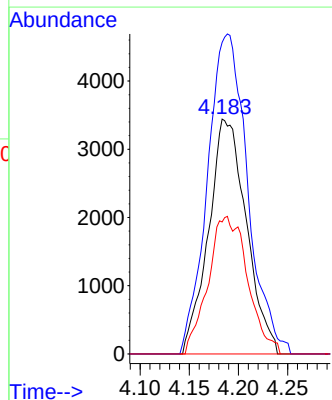
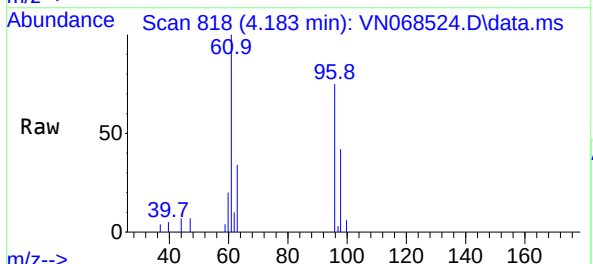
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915

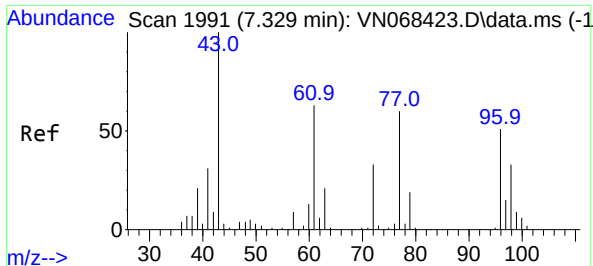
Tgt Ion:168 Resp: 476858
Ion Ratio Lower Upper
168 100
99 50.6 38.2 57.4



#12
1,1-Dichloroethene
Concen: 2.459 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.008 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

Tgt Ion: 96 Resp: 9214
Ion Ratio Lower Upper
96 100
61 132.7 114.7 172.1
98 56.2 50.9 76.3



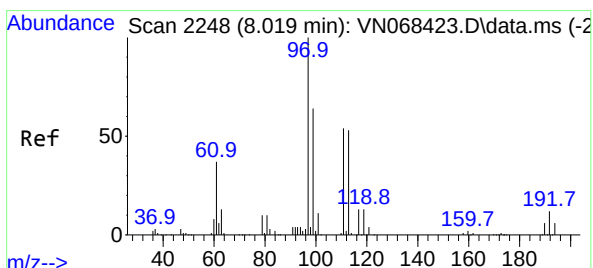
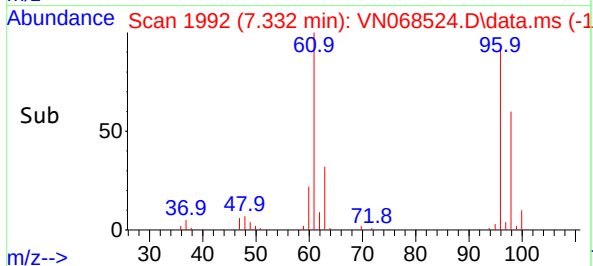
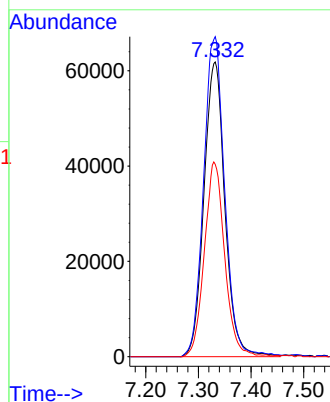
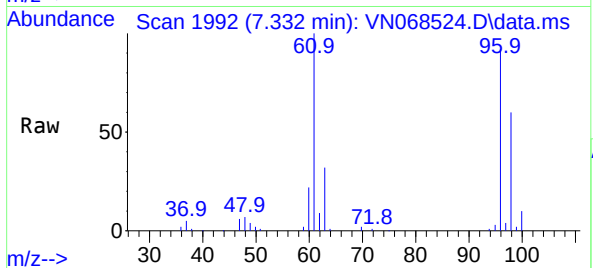


#27
 cis-1,2-Dichloroethene
 Concen: 34.038 ug/l
 RT: 7.332 min Scan# 1992
 Delta R.T. 0.003 min
 Lab File: VN068524.D
 Acq: 17 Sep 2021 17:00

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D2-20210915

Tgt Ion: 96 Resp: 170996

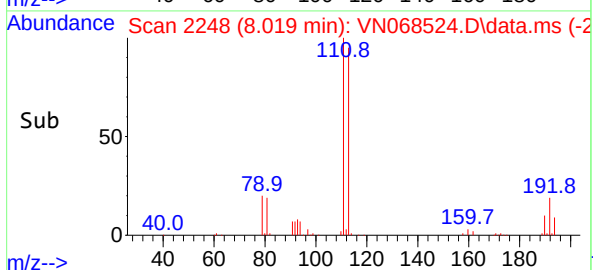
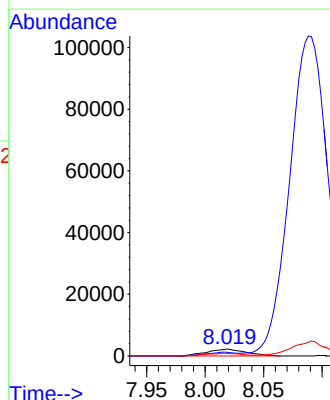
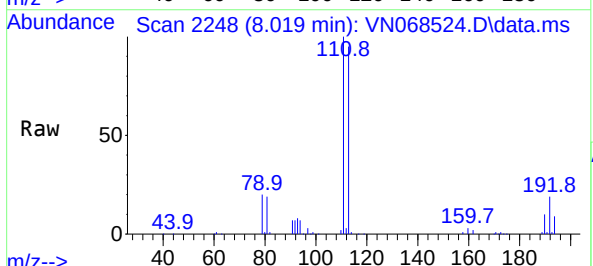
Ion	Ratio	Lower	Upper
96	100		
61	108.9	0.0	246.4
98	63.9	0.0	130.4

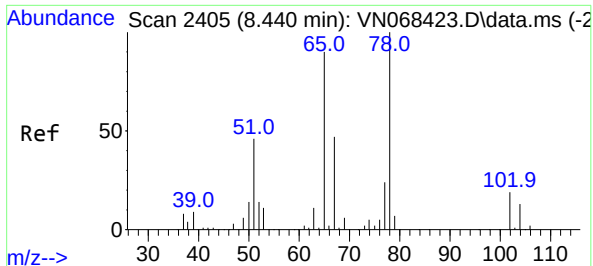


#32
 1,1,1-Trichloroethane
 Concen: 0.672 ug/l
 RT: 8.019 min Scan# 2248
 Delta R.T. -0.000 min
 Lab File: VN068524.D
 Acq: 17 Sep 2021 17:00

Tgt Ion: 97 Resp: 5147

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	35.8	30.3	45.5



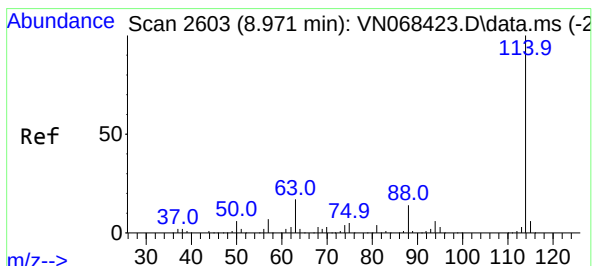
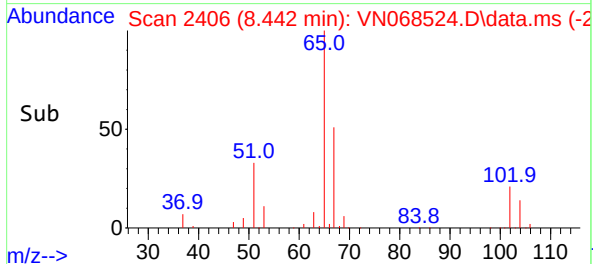
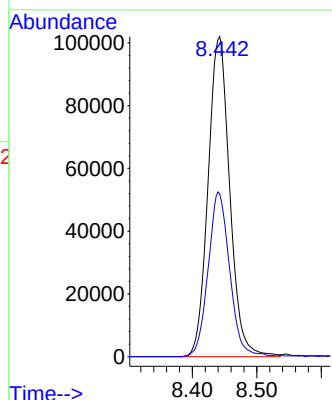
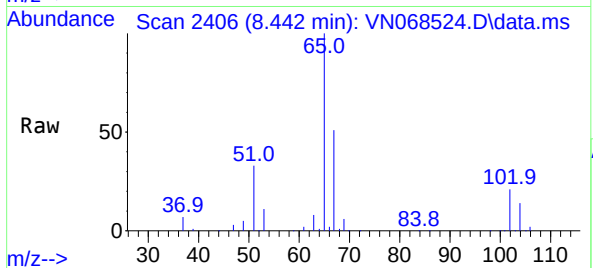


#33

1,2-Dichloroethane-d4
Concen: 54.537 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915

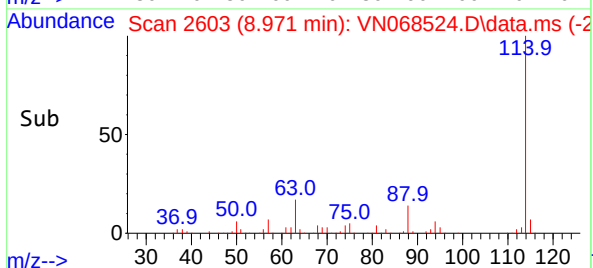
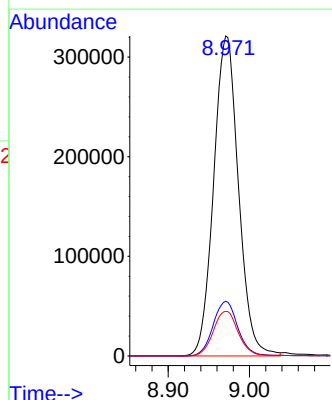
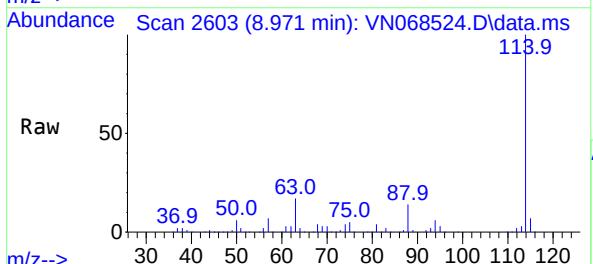
Tgt Ion: 65 Resp: 238556
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

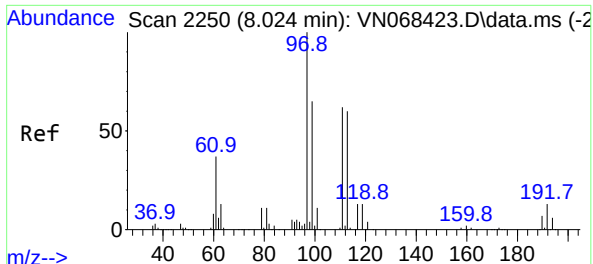


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

Tgt Ion: 114 Resp: 680750
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.2
88 14.0 0.0 28.4

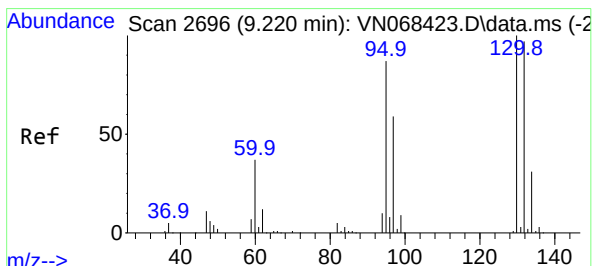
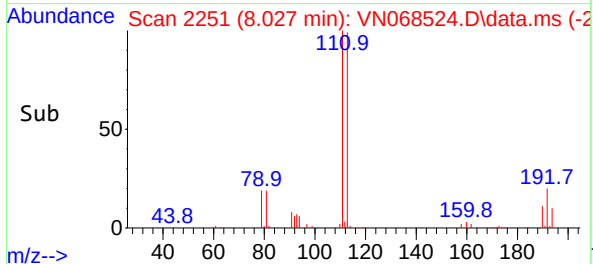
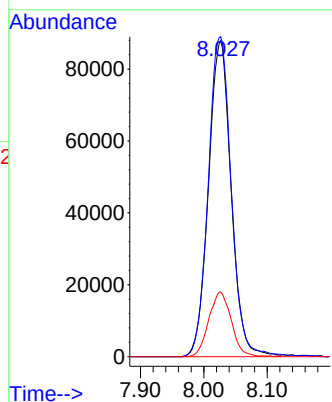
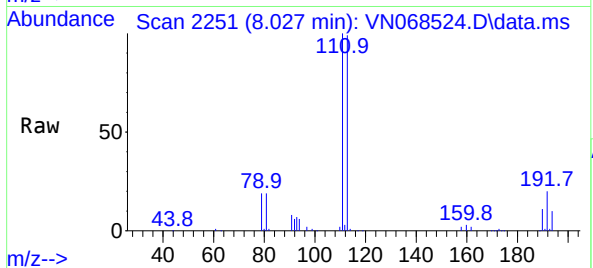




#35
Dibromofluoromethane
Concen: 53.156 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

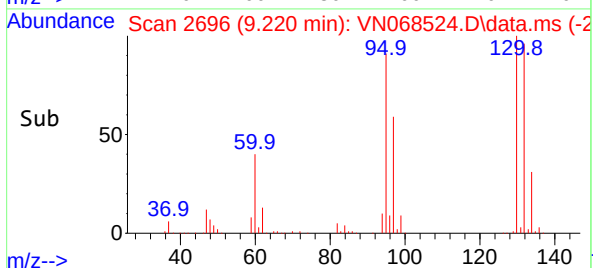
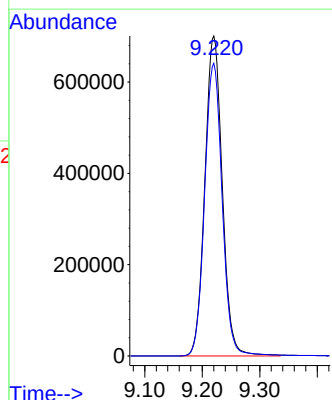
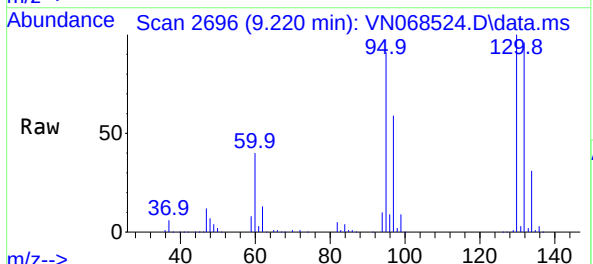
Instrument :
MSVOA_N
ClientSampleId :
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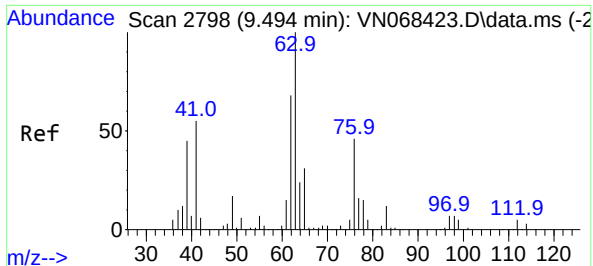
Tgt Ion:113 Resp: 218248
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 20.4 17.7 26.5



#44
Trichloroethene
Concen: 277.241 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.000 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

Tgt Ion:130 Resp: 1474666
Ion Ratio Lower Upper
130 100
95 91.4 0.0 173.8

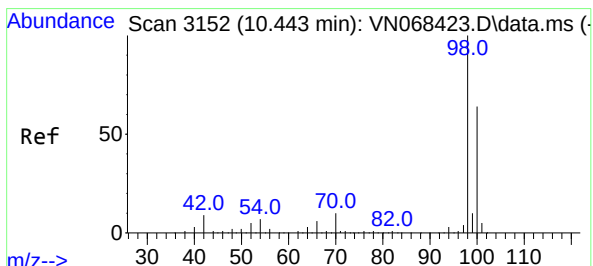
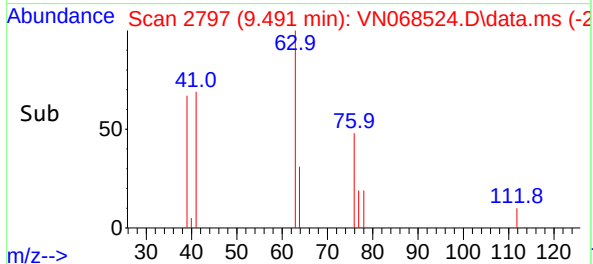
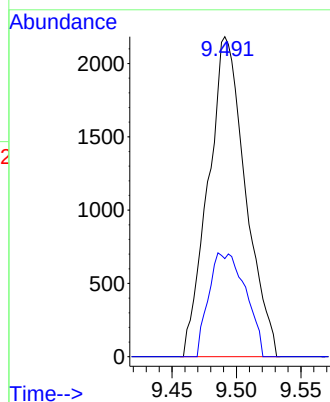
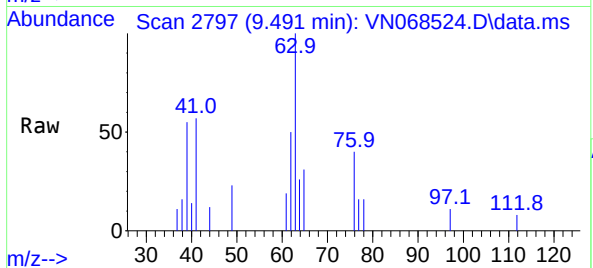




#45
1,2-Dichloropropane
Concen: 1.094 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

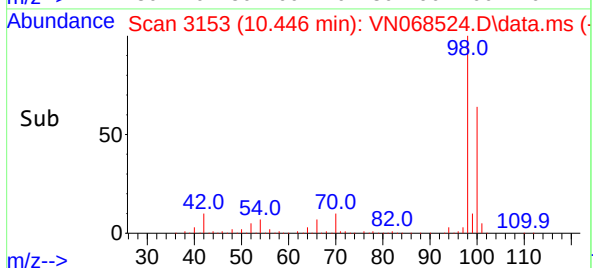
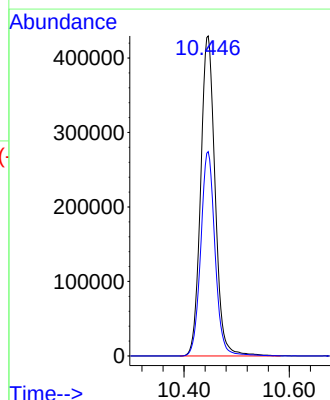
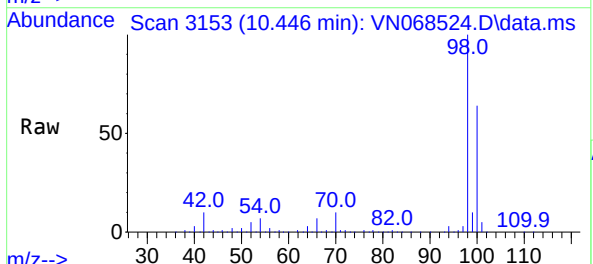
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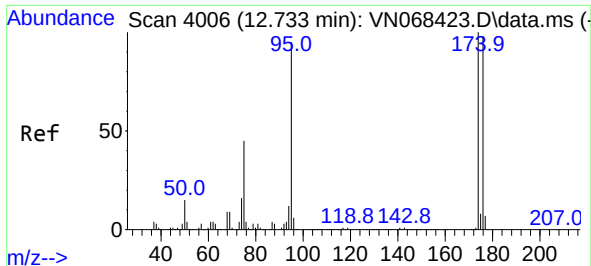
Tgt Ion: 63 Resp: 4388
Ion Ratio Lower Upper
63 100
65 30.6 24.8 37.2



#50
Toluene-d8
Concen: 48.672 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

Tgt Ion: 98 Resp: 817883
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.6

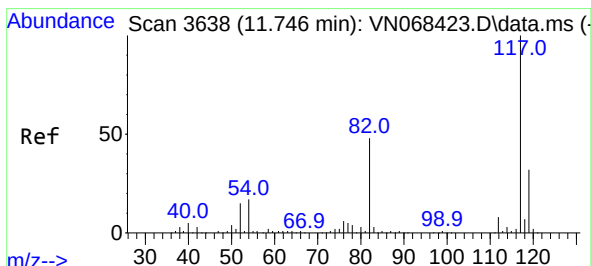
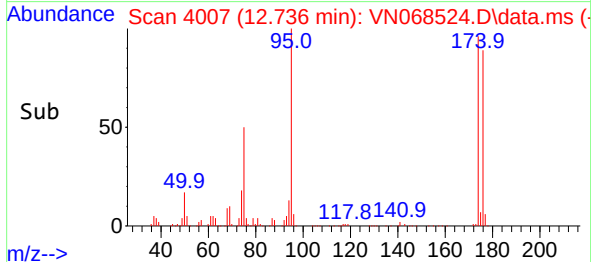
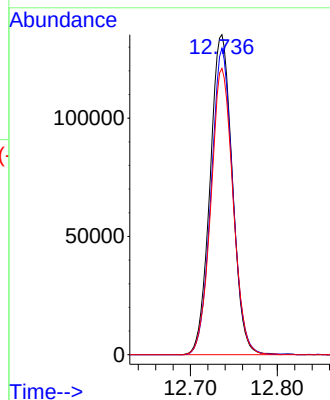
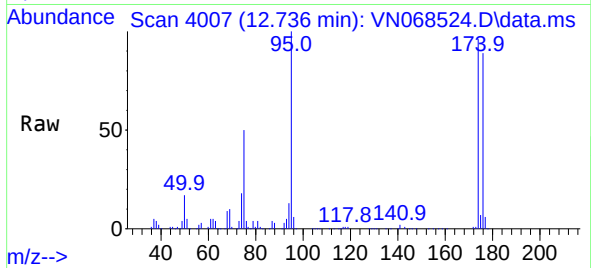




#62
4-Bromofluorobenzene
Concen: 43.904 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

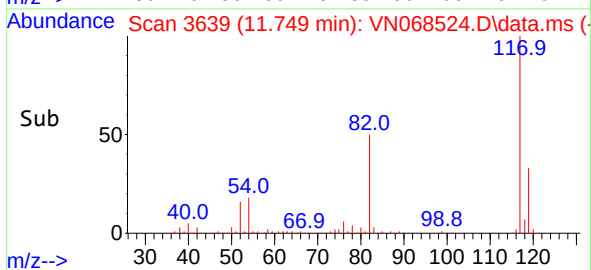
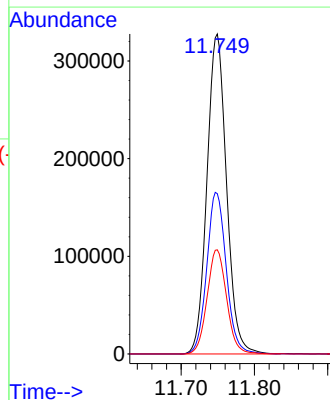
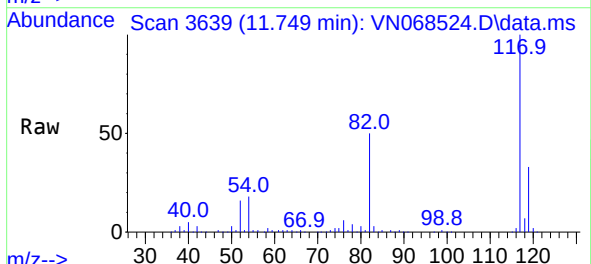
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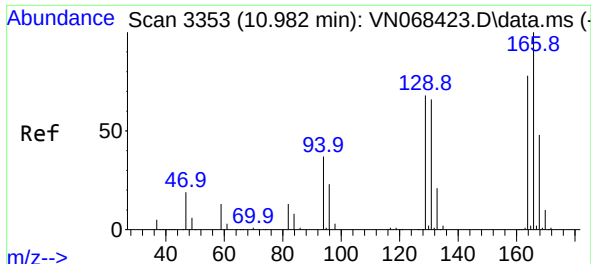
Tgt Ion: 95 Resp: 240637
Ion Ratio Lower Upper
95 100
174 93.1 0.0 214.0
176 88.9 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

Tgt Ion: 117 Resp: 608045
Ion Ratio Lower Upper
117 100
82 50.1 38.7 58.1
119 32.5 25.5 38.3

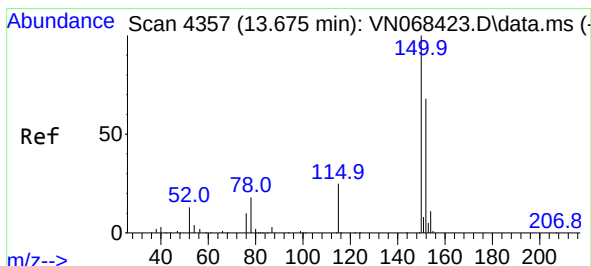
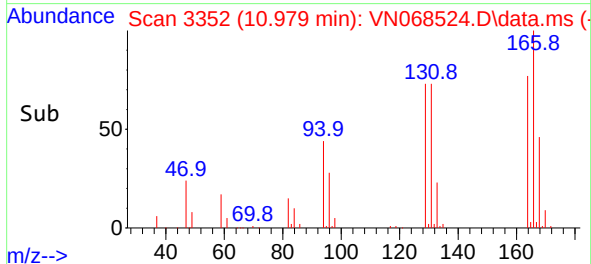
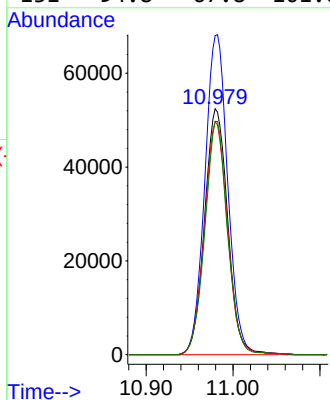
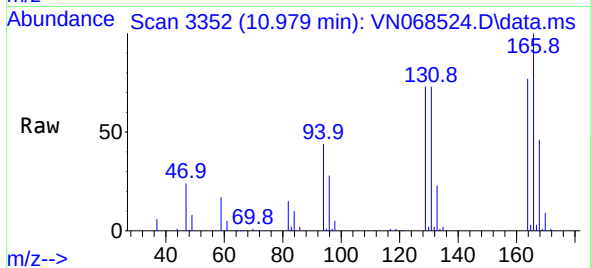




#64
Tetrachloroethene
Concen: 18.051 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.003 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915

Tgt Ion:164 Resp: 97278
Ion Ratio Lower Upper
164 100
166 129.7 102.9 154.3
129 94.9 70.1 105.1
131 94.8 67.8 101.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN068524.D
Acq: 17 Sep 2021 17:00

Tgt Ion:152 Resp: 237852
Ion Ratio Lower Upper
152 100
115 53.7 25.6 76.6
150 155.8 0.0 346.8

