

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068518.D
 Acq On : 17 Sep 2021 14:28
 Operator : JC/MD
 Sample : M3781-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW180D2-20210915

Quant Time: Sep 20 03:56:45 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)

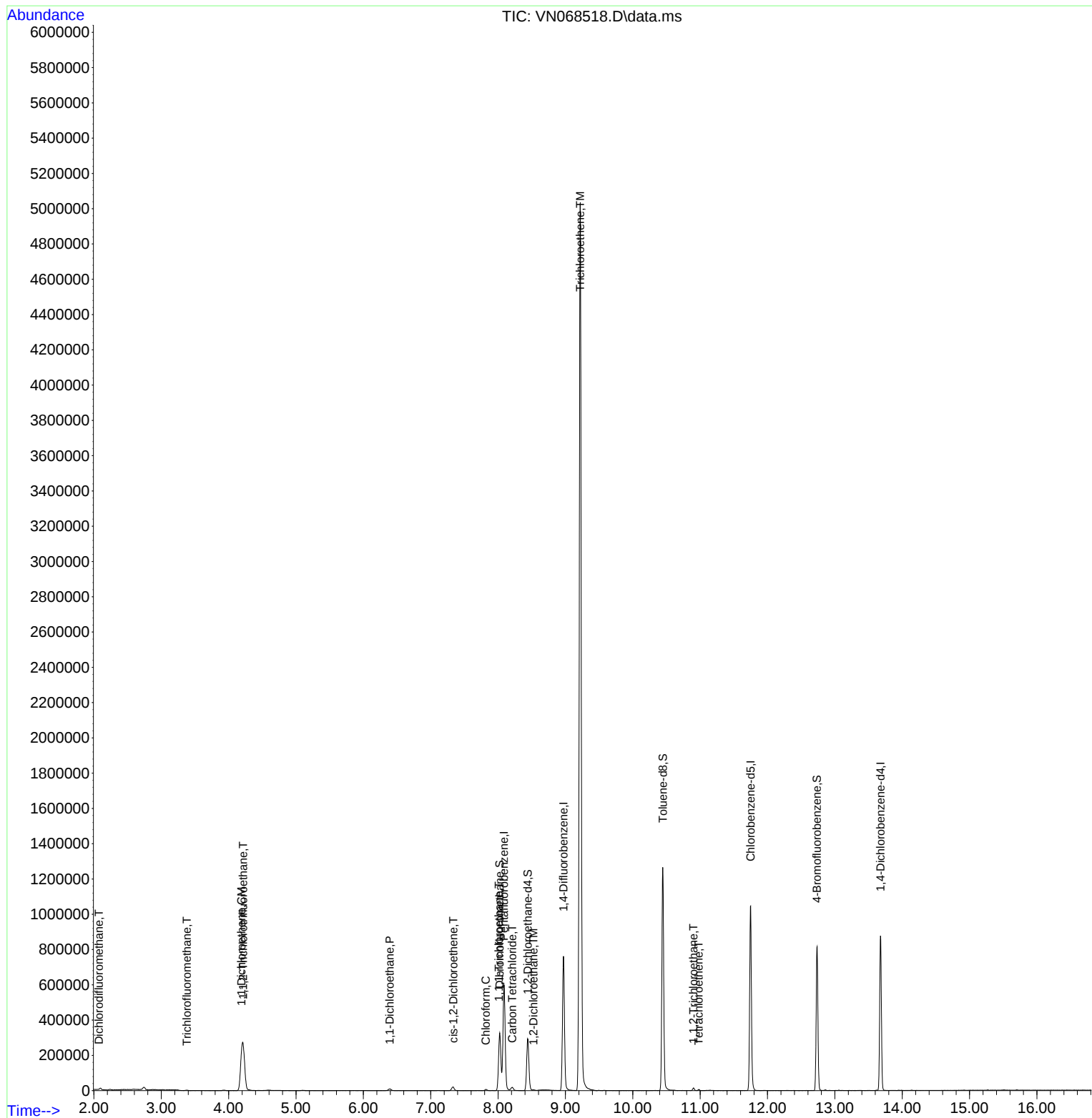
Internal Standards						
1) Pentafluorobenzene	8.088	168	498039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	740227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	695783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	278330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	248978	54.499	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 109.000%		
35) Dibromofluoromethane	8.024	113	225583	50.528	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 101.060%		
50) Toluene-d8	10.446	98	972036	52.866	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 105.740%		
62) 4-Bromofluorobenzene	12.733	95	273584	45.716	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 91.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	1570	0.386	ug/l	84
7) Trichlorofluoromethane	3.381	101	3163	0.409	ug/l #	81
9) 1,1,2-Trichlorotrifluo...	4.216	101	142434	33.325	ug/l	97
12) 1,1-Dichloroethene	4.191	96	81504	20.830	ug/l	97
24) 1,1-Dichloroethane	6.393	63	14411	1.976	ug/l	99
27) cis-1,2-Dichloroethene	7.335	96	13887	2.647	ug/l	92
30) Chloroform	7.817	83	6815	0.790	ug/l	97
32) 1,1,1-Trichloroethane	8.013	97	15886	1.985	ug/l #	83
38) Carbon Tetrachloride	8.212	117	14307	1.935	ug/l	97
42) 1,2-Dichloroethane	8.525	62	3095	0.489	ug/l	77
44) Trichloroethene	9.220	130	1925454	332.905	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	5356	1.114	ug/l	95
64) Tetrachloroethene	10.979	164	1613	0.262	ug/l	94

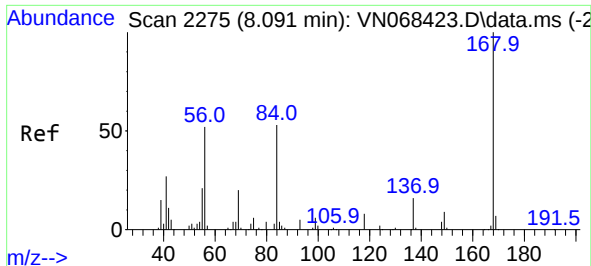
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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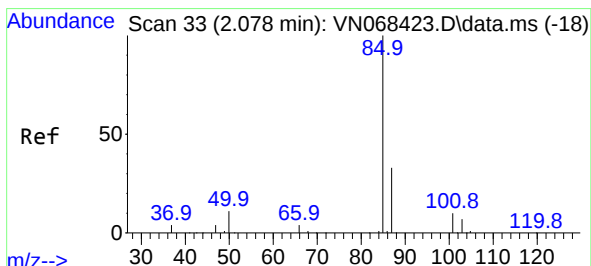
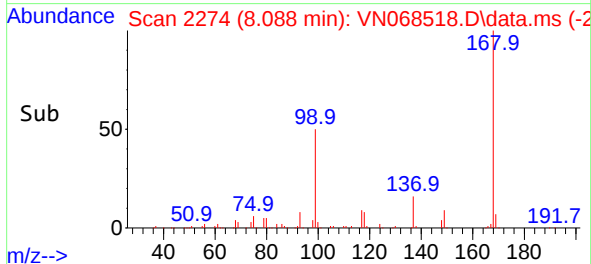
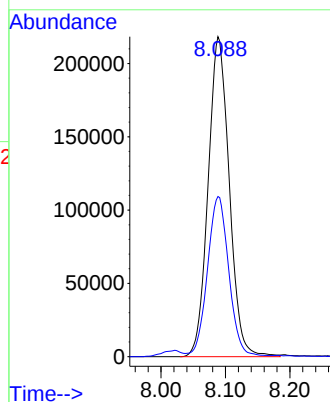
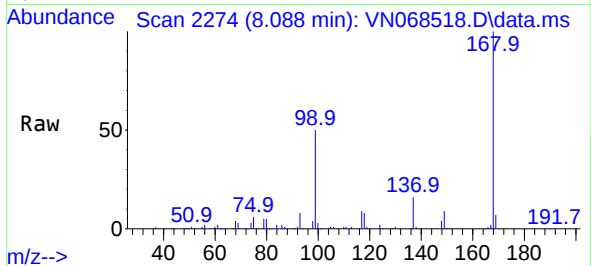




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

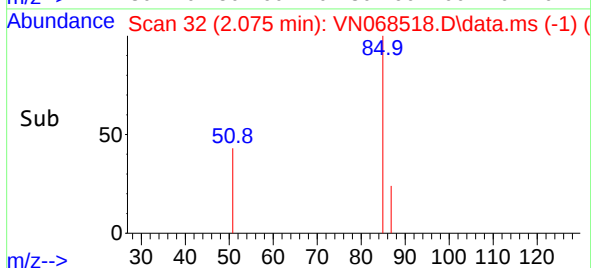
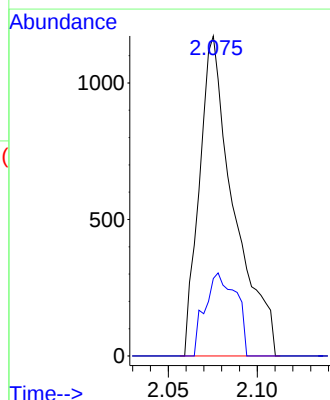
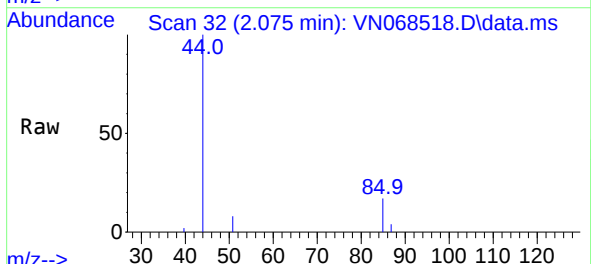
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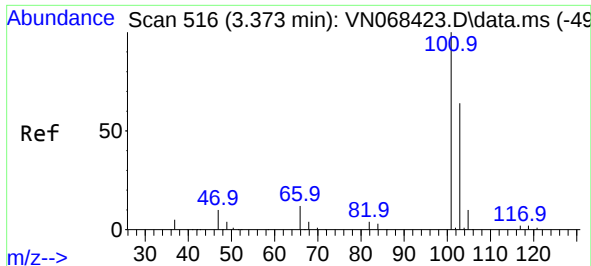
Tgt Ion:168 Resp: 498039
Ion Ratio Lower Upper
168 100
99 49.7 38.2 57.4



#2
Dichlorodifluoromethane
Concen: 0.386 ug/l
RT: 2.075 min Scan# 32
Delta R.T. -0.003 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

Tgt Ion: 85 Resp: 1570
Ion Ratio Lower Upper
85 100
87 24.2 16.5 49.5

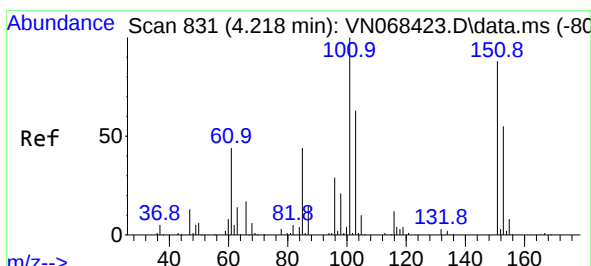
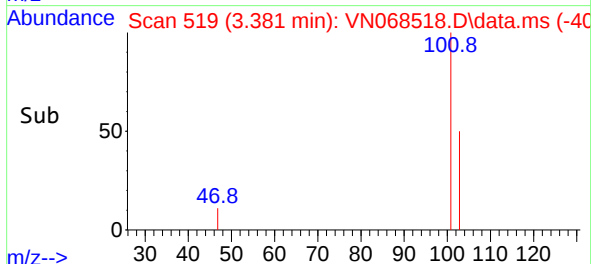
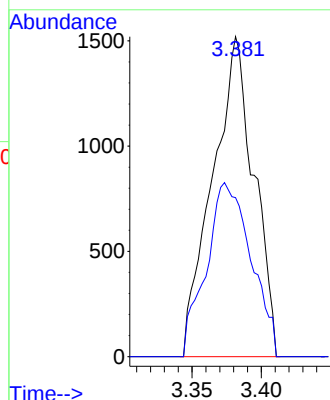
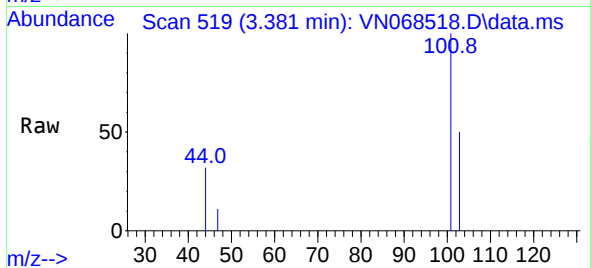




#7
Trichlorofluoromethane
Concen: 0.409 ug/l
RT: 3.381 min Scan# 519
Delta R.T. 0.008 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

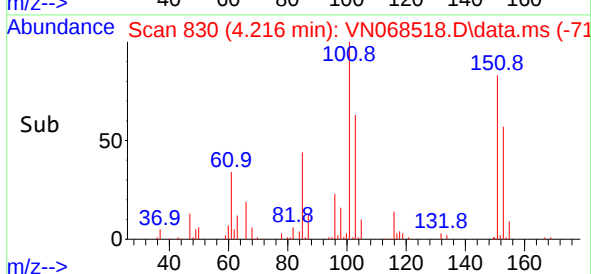
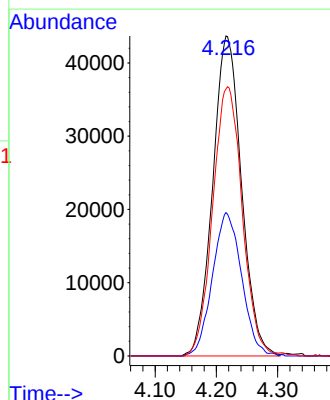
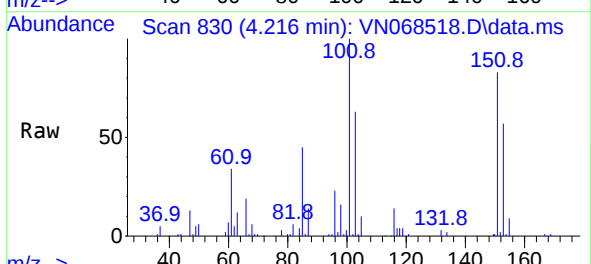
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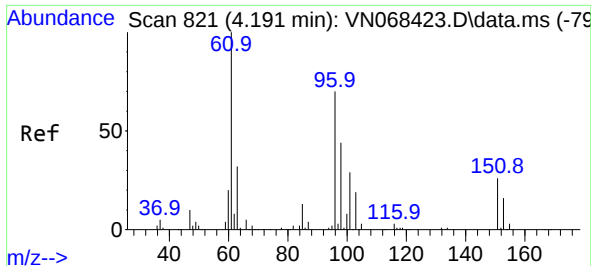
Tgt Ion:101 Resp: 3163
Ion Ratio Lower Upper
101 100
103 49.7 51.5 77.3#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 33.325 ug/l
RT: 4.216 min Scan# 830
Delta R.T. -0.002 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

Tgt Ion:101 Resp: 142434
Ion Ratio Lower Upper
101 100
85 45.3 35.7 53.5
151 86.2 71.6 107.4

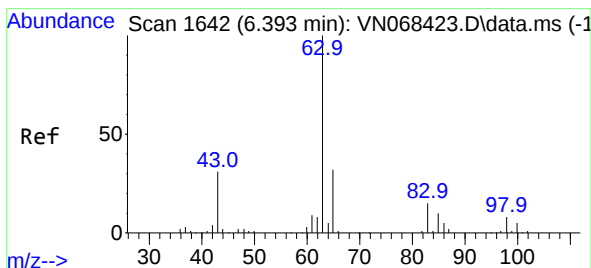
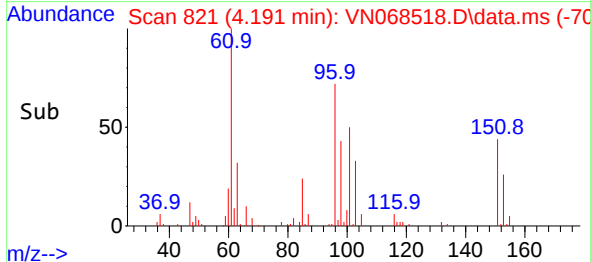
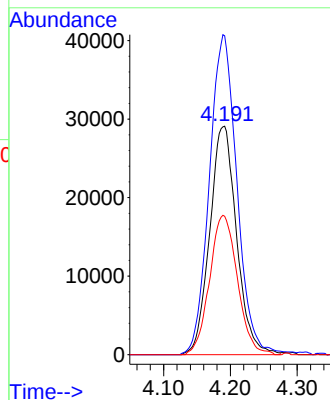
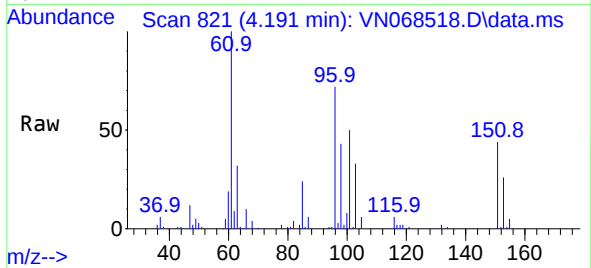




#12
1,1-Dichloroethene
Concen: 20.830 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.000 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

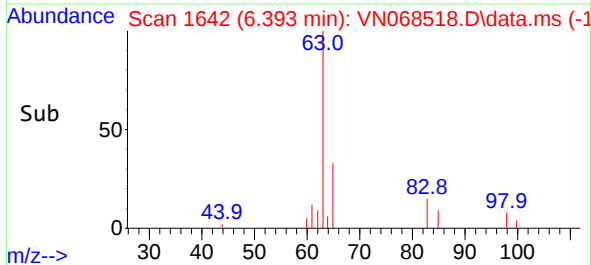
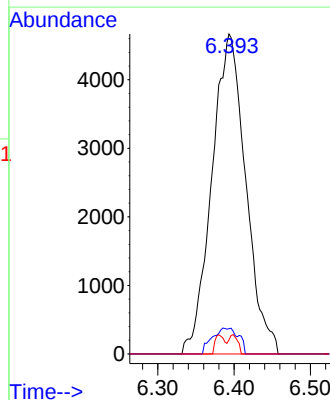
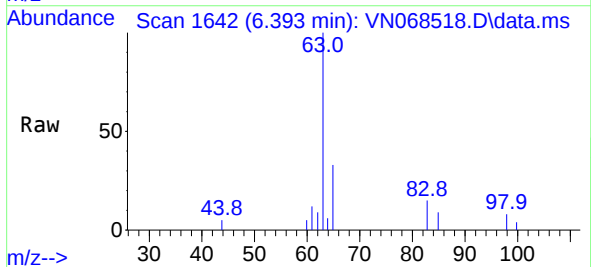
Instrument :
MSVOA_N
ClientSampleId :
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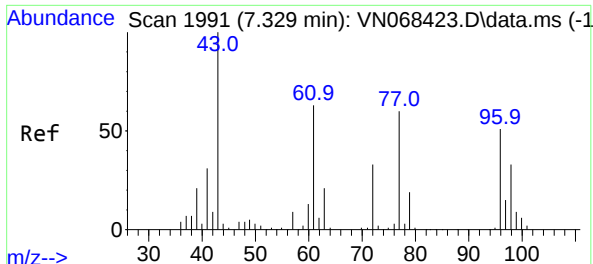
Tgt Ion: 96 Resp: 81504
Ion Ratio Lower Upper
96 100
61 139.5 114.7 172.1
98 60.6 50.9 76.3



#24
1,1-Dichloroethane
Concen: 1.976 ug/l
RT: 6.393 min Scan# 1642
Delta R.T. 0.000 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

Tgt Ion: 63 Resp: 14411
Ion Ratio Lower Upper
63 100
98 7.9 3.9 11.5
100 4.4 2.4 7.2

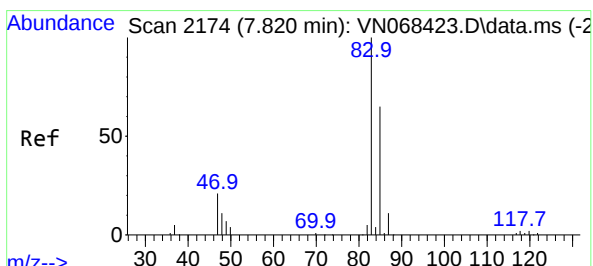
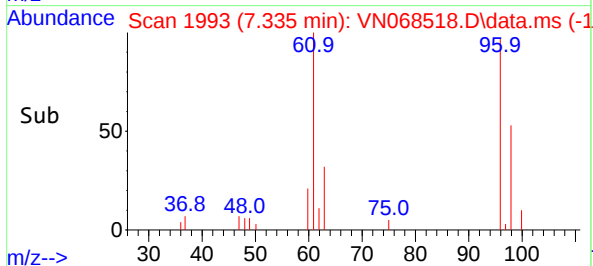
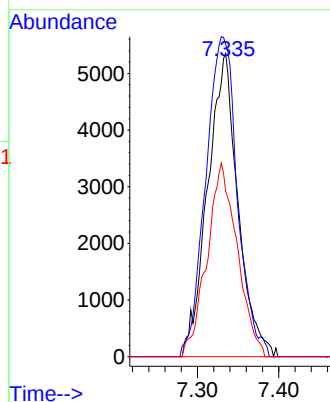
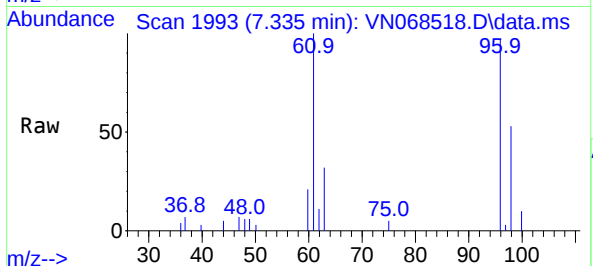




#27
cis-1,2-Dichloroethene
Concen: 2.647 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

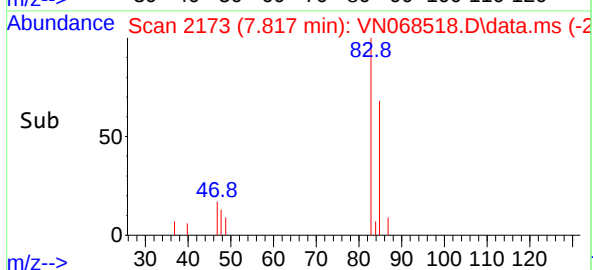
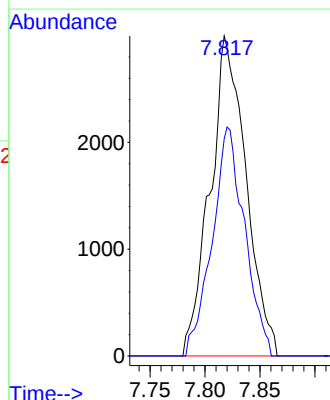
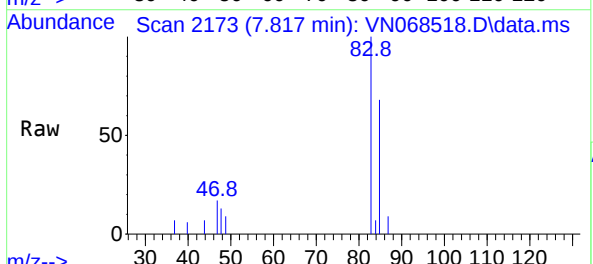
Instrument :
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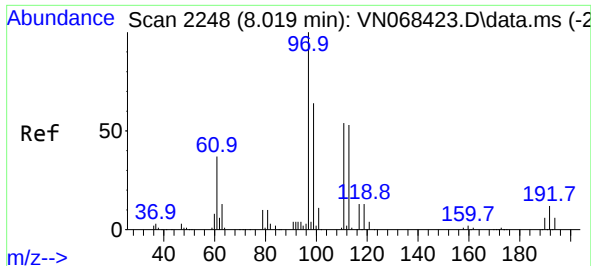
Tgt Ion:	96	Resp:	13887
Ion	Ratio	Lower	Upper
96	100		
61	110.2	0.0	246.4
98	63.8	0.0	130.4



#30
Chloroform
Concen: 0.790 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

Tgt Ion:	83	Resp:	6815
Ion	Ratio	Lower	Upper
83	100		
85	67.9	52.2	78.4





#32

1,1,1-Trichloroethane

Concen: 1.985 ug/l

RT: 8.013 min Scan# 2246

Delta R.T. -0.006 min

Lab File: VN068518.D

Acq: 17 Sep 2021 14:28

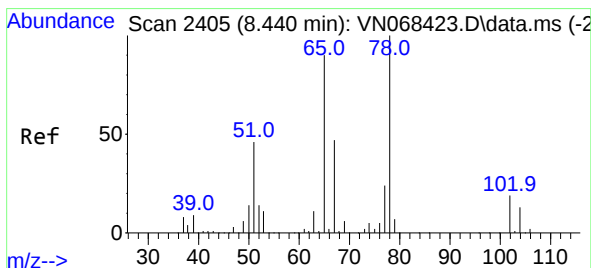
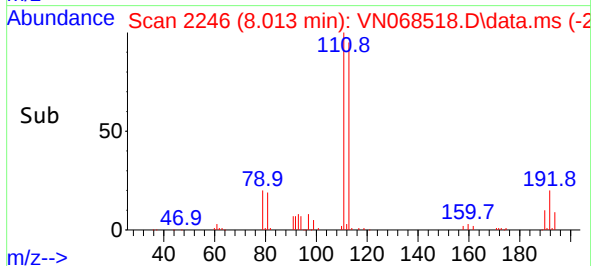
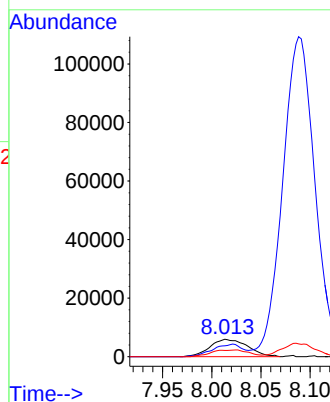
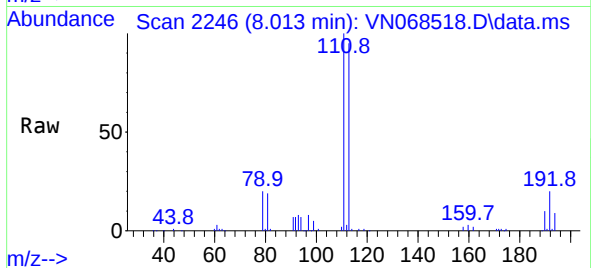
Tgt Ion: 97 Resp: 15886

Ion Ratio Lower Upper

97 100

99 57.5 51.4 77.0

61 18.3 30.3 45.5#



#33

1,2-Dichloroethane-d4

Concen: 54.499 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN068518.D

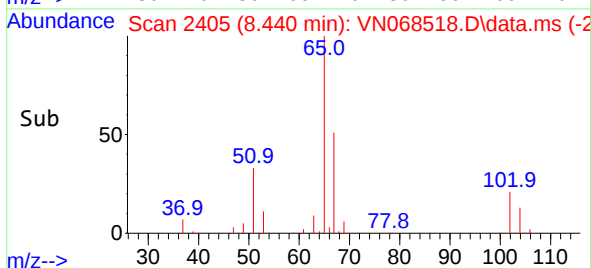
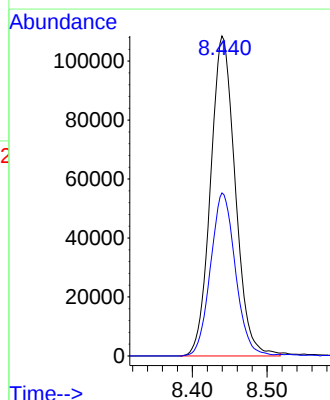
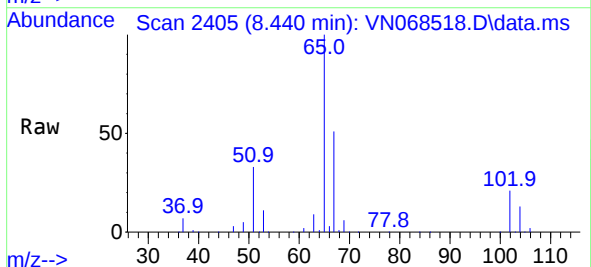
Acq: 17 Sep 2021 14:28

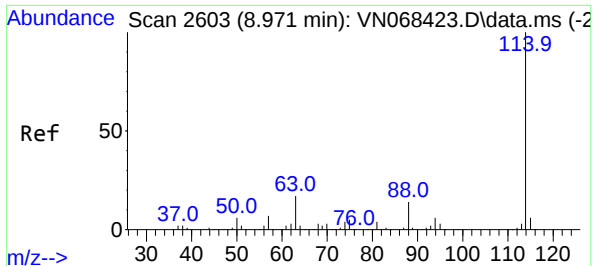
Tgt Ion: 65 Resp: 248978

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0

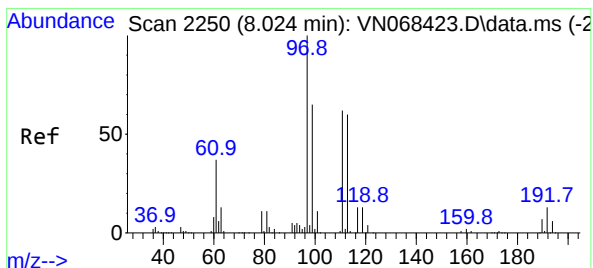
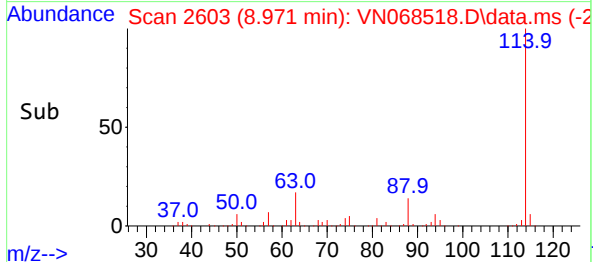
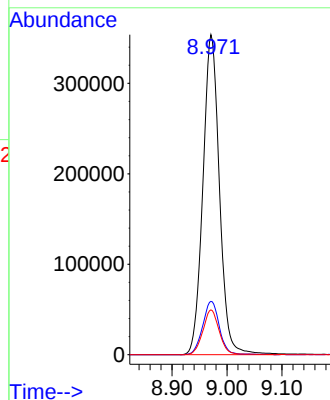
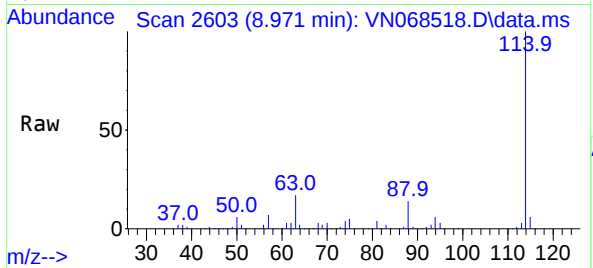




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

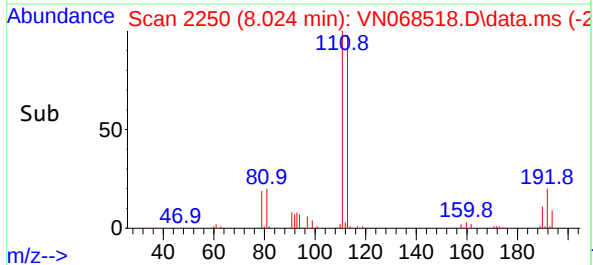
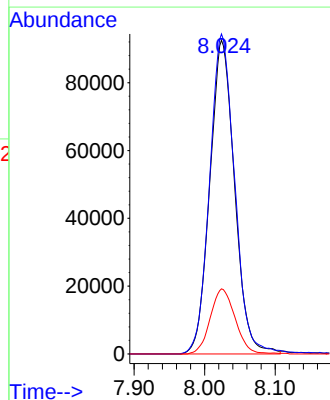
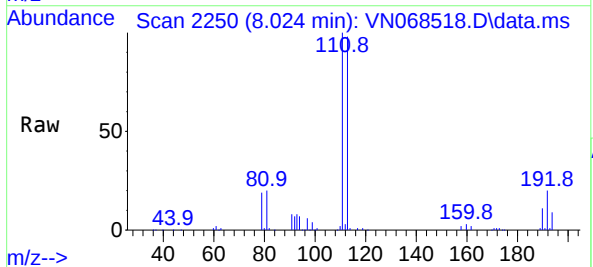
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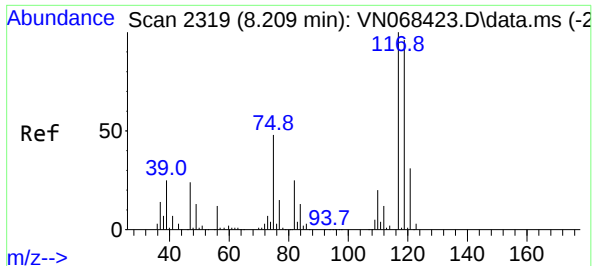
Tgt Ion:114 Resp: 740227
Ion Ratio Lower Upper
114 100
63 16.7 0.0 33.2
88 14.0 0.0 28.4



#35
Dibromofluoromethane
Concen: 50.528 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

Tgt Ion:113 Resp: 225583
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 20.8 17.7 26.5

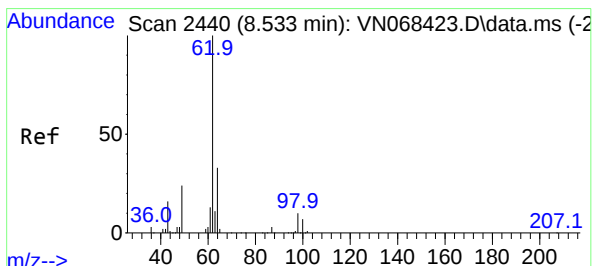
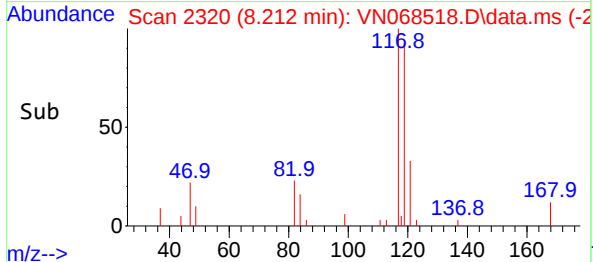
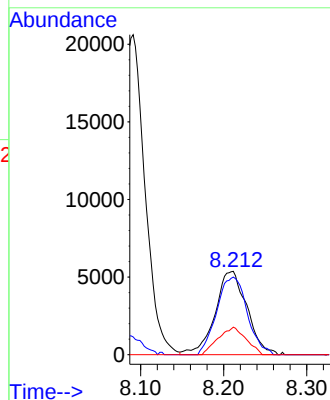
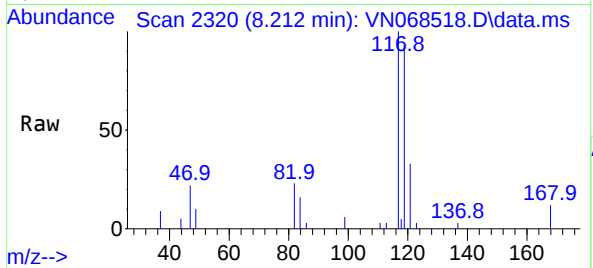




#38
Carbon Tetrachloride
Concen: 1.935 ug/l
RT: 8.212 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

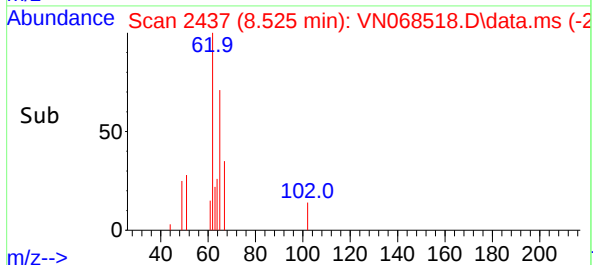
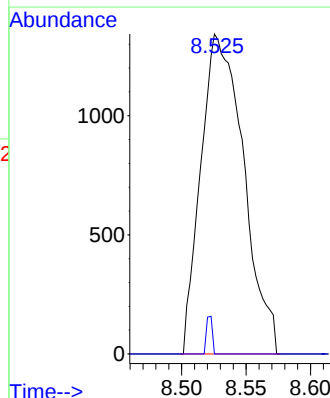
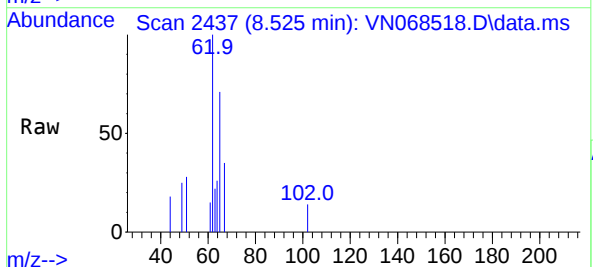
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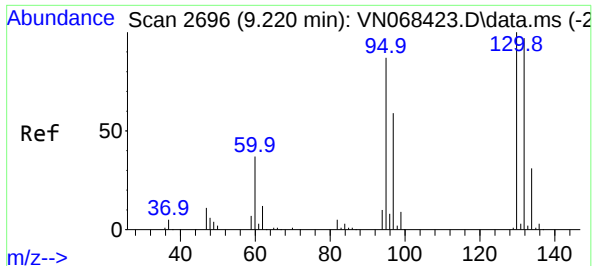
Tgt Ion:117 Resp: 14307
Ion Ratio Lower Upper
117 100
119 93.1 76.6 114.8
121 33.0 24.5 36.7



#42
1,2-Dichloroethane
Concen: 0.489 ug/l
RT: 8.525 min Scan# 2437
Delta R.T. -0.008 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

Tgt Ion: 62 Resp: 3095
Ion Ratio Lower Upper
62 100
98 1.6 0.0 20.2

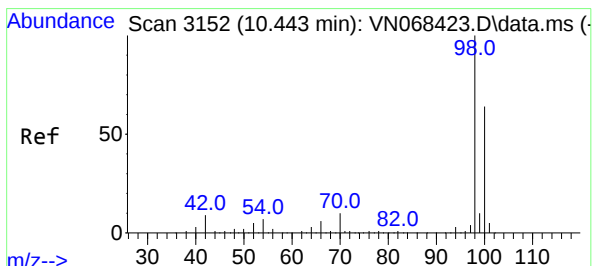
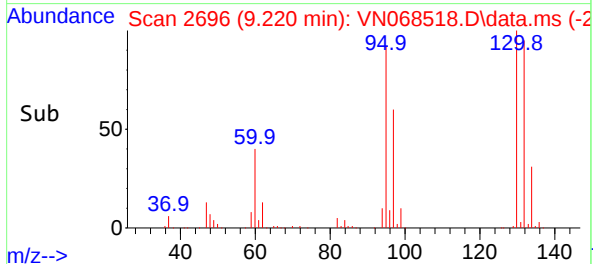
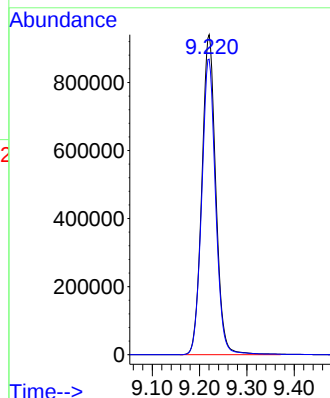
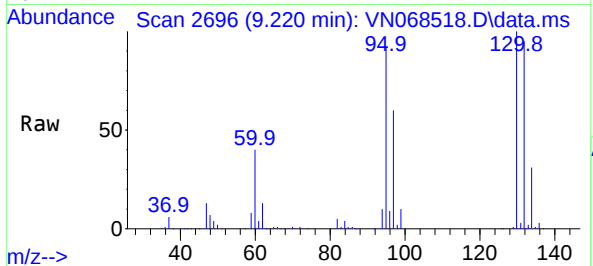




#44
Trichloroethene
Concen: 332.905 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.000 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

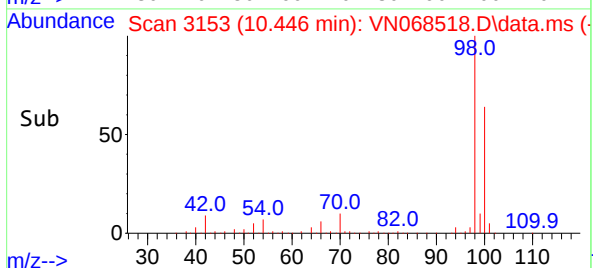
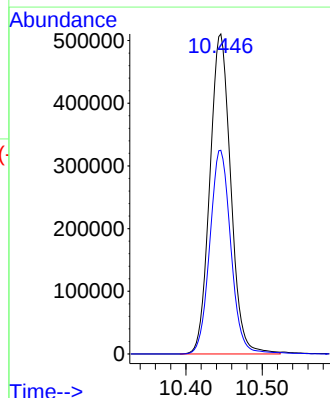
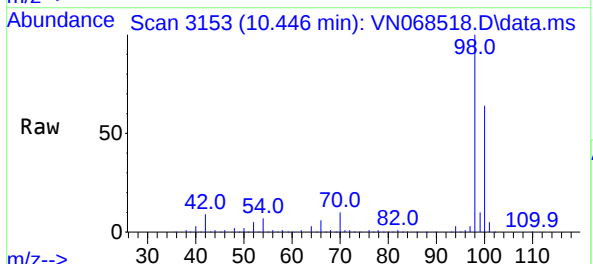
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915

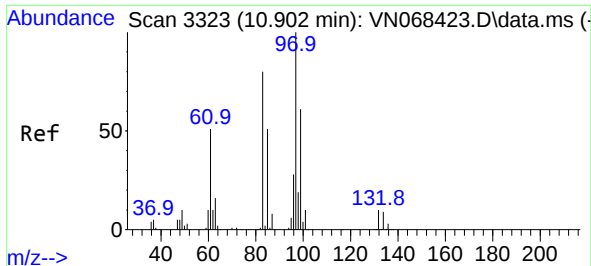
Tgt Ion:130 Resp: 1925454
Ion Ratio Lower Upper
130 100
95 92.4 0.0 173.8



#50
Toluene-d8
Concen: 52.866 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

Tgt Ion: 98 Resp: 972036
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.6

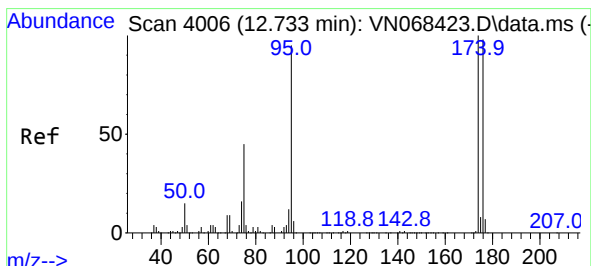
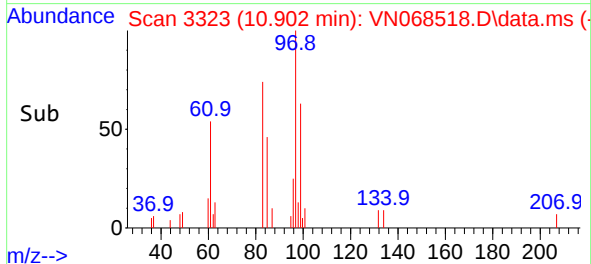
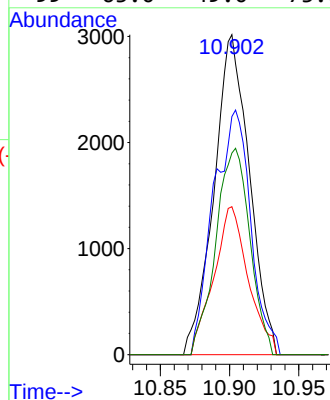
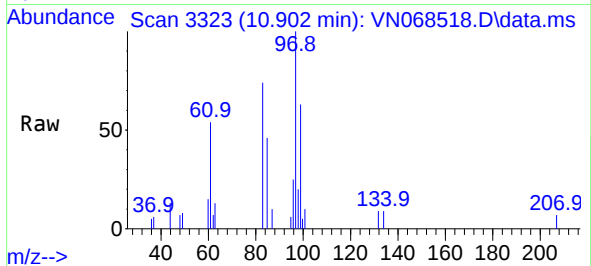




#55
1,1,2-Trichloroethane
Concen: 1.114 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. -0.000 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

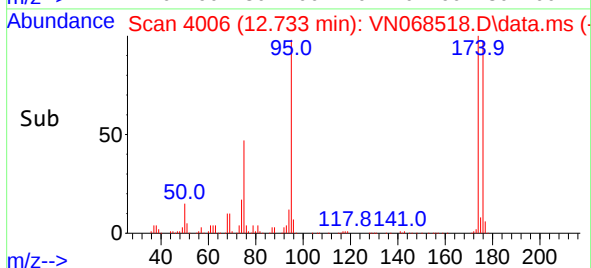
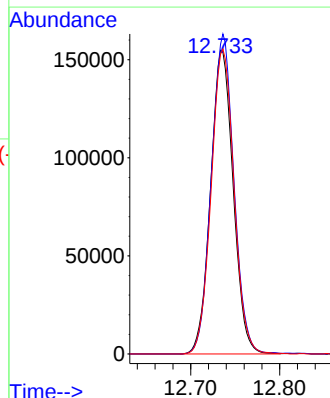
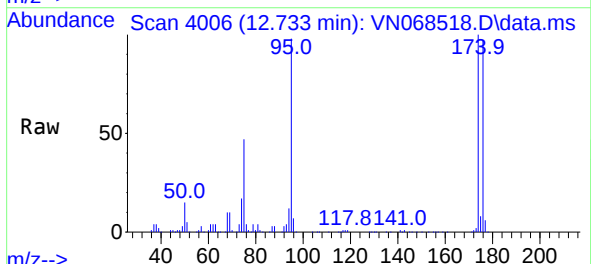
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915

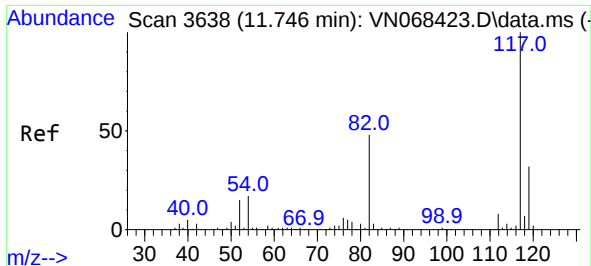
Tgt Ion: 97	Resp: 5356
Ion Ratio	Lower Upper
97 100	
83 74.4	63.7 95.5
85 46.2	40.7 61.1
99 63.0	49.0 73.6



#62
4-Bromofluorobenzene
Concen: 45.716 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

Tgt Ion: 95	Resp: 273584
Ion Ratio	Lower Upper
95 100	
174 104.9	0.0 214.0
176 101.1	0.0 205.4



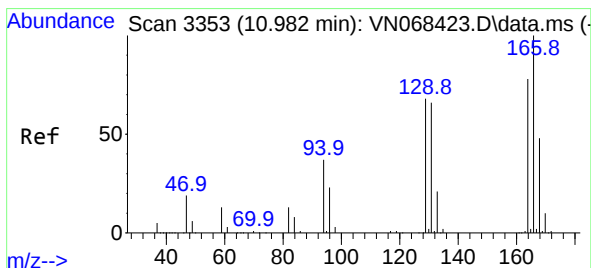
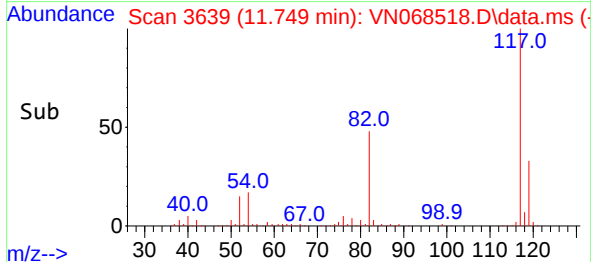
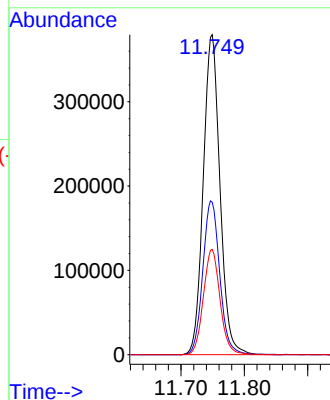
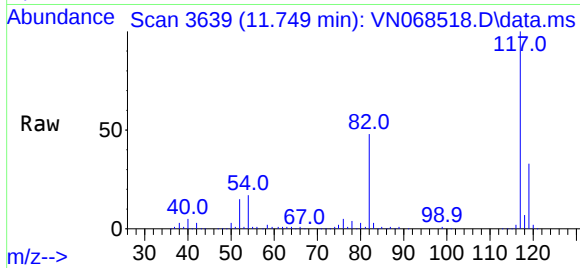


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915

Tgt Ion:117 Resp: 695783

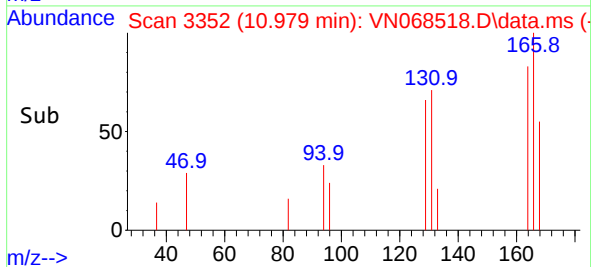
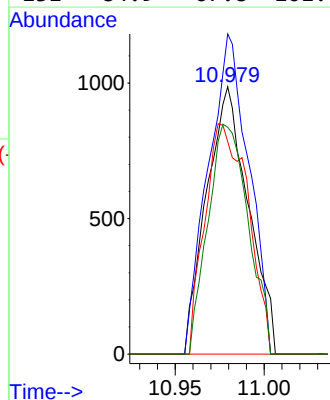
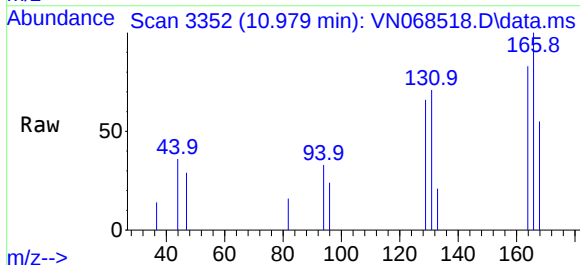
Ion	Ratio	Lower	Upper
117	100		
82	47.6	38.7	58.1
119	32.9	25.5	38.3

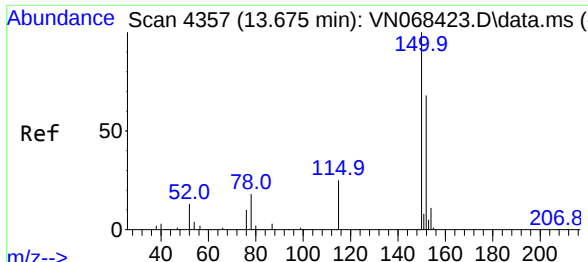


#64
Tetrachloroethene
Concen: 0.262 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.003 min
Lab File: VN068518.D
Acq: 17 Sep 2021 14:28

Tgt Ion:164 Resp: 1613

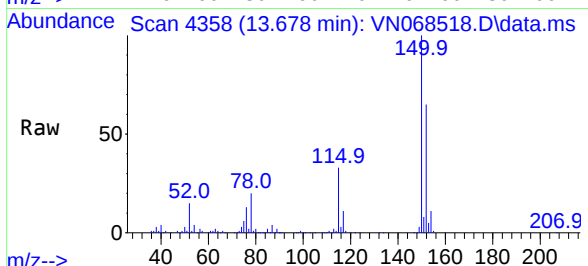
Ion	Ratio	Lower	Upper
164	100		
166	119.8	102.9	154.3
129	79.5	70.1	105.1
131	84.9	67.8	101.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.002 min
 Lab File: VN068518.D
 Acq: 17 Sep 2021 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW180D2-20210915



Tgt Ion:152 Resp: 278330
 Ion Ratio Lower Upper
 152 100
 115 52.2 25.6 76.6
 150 157.7 0.0 346.8

