

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068530.D
 Acq On : 17 Sep 2021 19:32
 Operator : JC/MD
 Sample : M3781-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE115D2-20210916

Quant Time: Sep 20 04:00:30 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)

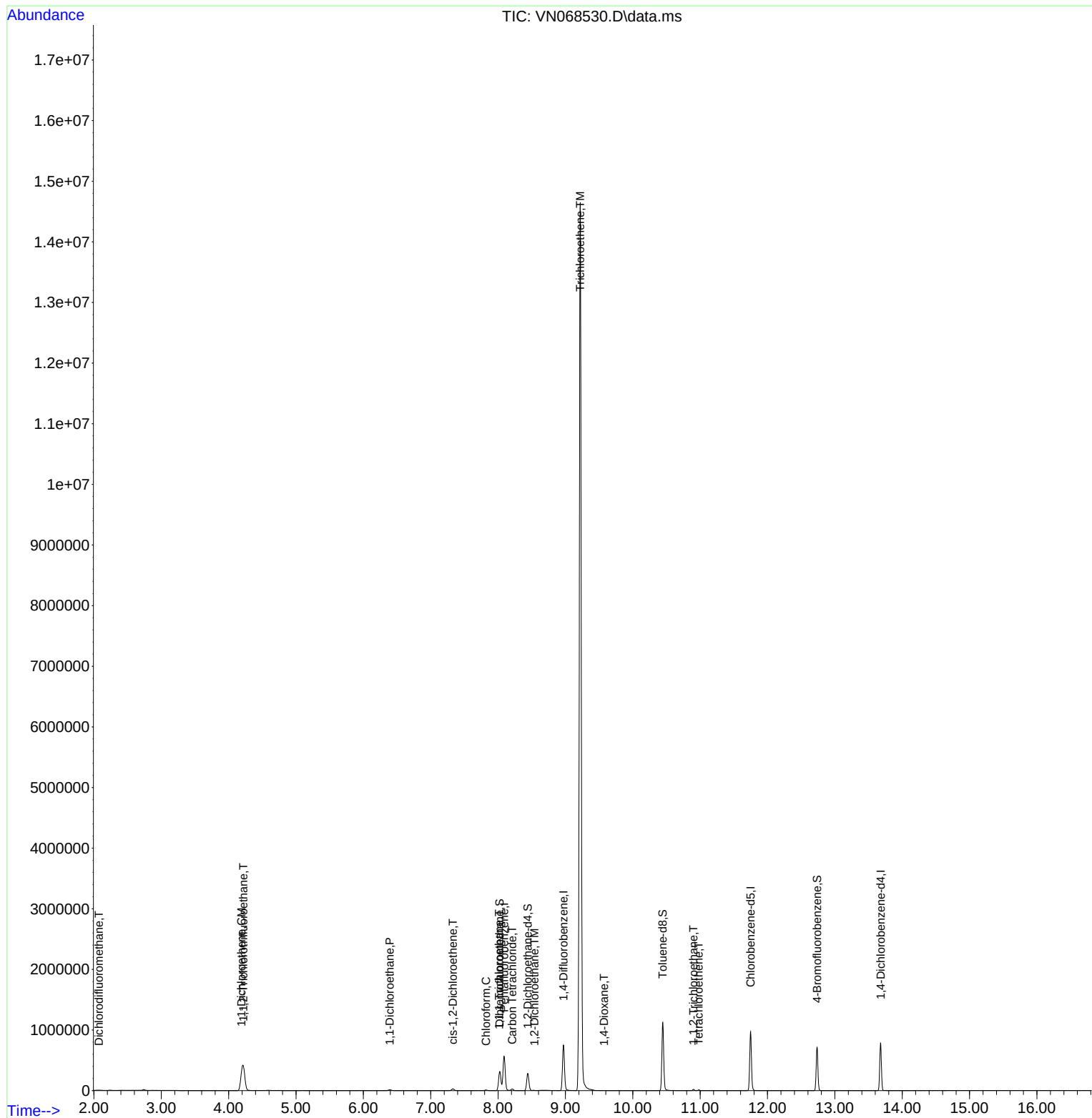
Internal Standards						
1) Pentafluorobenzene	8.091	168	485004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	757373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	650133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	241385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	244118	54.871	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.740%			
35) Dibromofluoromethane	8.024	113	224583	49.165	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.340%			
50) Toluene-d8	10.443	98	863773	46.383	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.760%			
62) 4-Bromofluorobenzene	12.736	95	243389	40.291	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 80.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	1437	0.363	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.218	101	232742	55.918	ug/l	97
12) 1,1-Dichloroethene	4.191	96	105546	27.699	ug/l	99
24) 1,1-Dichloroethane	6.391	63	23002	3.239	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	20016	3.917	ug/l	91
30) Chloroform	7.820	83	11710	1.394	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	16115	2.068	ug/l	94
38) Carbon Tetrachloride	8.212	117	20572	2.720	ug/l	92
42) 1,2-Dichloroethane	8.539	62	3431	0.530	ug/l	84
44) Trichloroethene	9.220	130	5661037	956.617	ug/l	98
49) 1,4-Dioxane	9.574	88	2000	24.638	ug/l #	60
55) 1,1,2-Trichloroethane	10.902	97	7798	1.585	ug/l	93
64) Tetrachloroethene	10.979	164	3653	0.634	ug/l	96

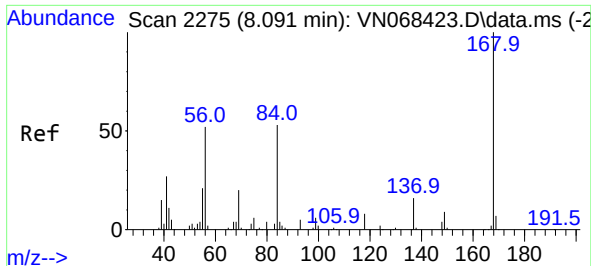
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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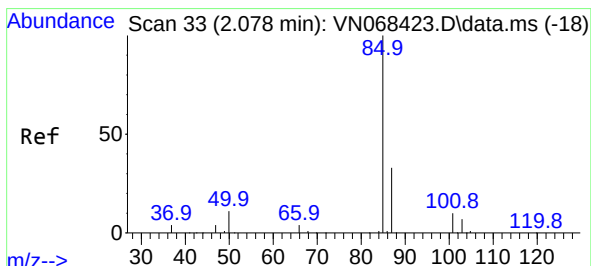
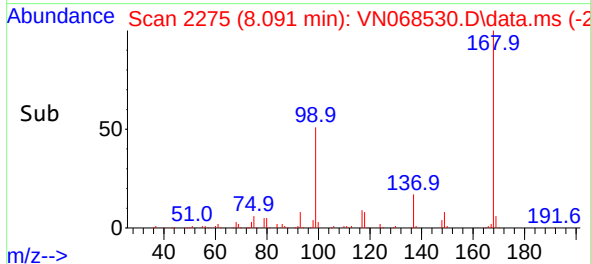
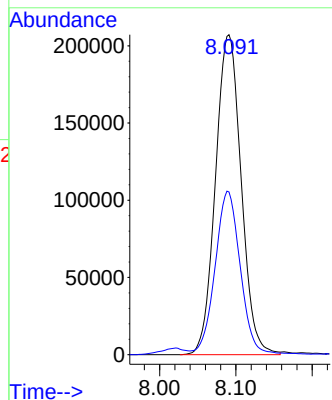
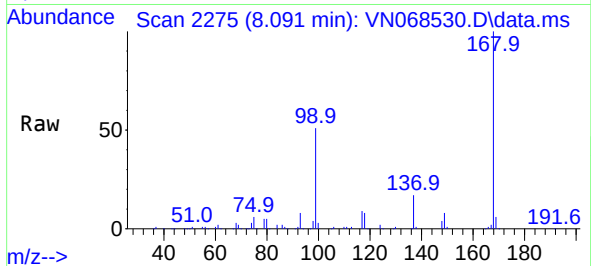




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

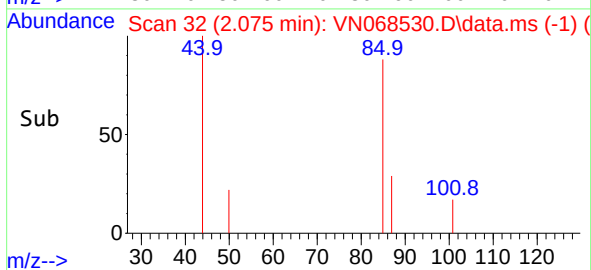
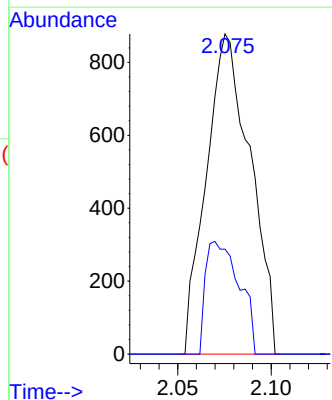
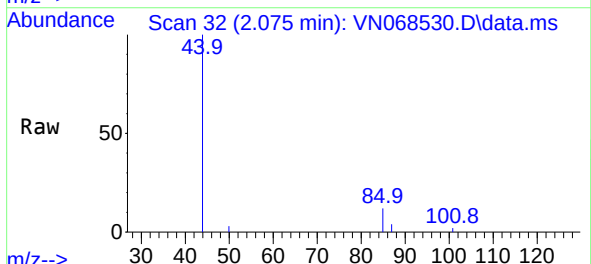
Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20210916

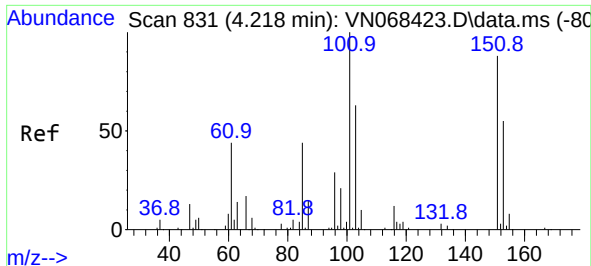
Tgt Ion:168 Resp: 485004
Ion Ratio Lower Upper
168 100
99 50.3 38.2 57.4



#2
Dichlorodifluoromethane
Concen: 0.363 ug/l
RT: 2.075 min Scan# 32
Delta R.T. -0.003 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

Tgt Ion: 85 Resp: 1437
Ion Ratio Lower Upper
85 100
87 32.8 16.5 49.5

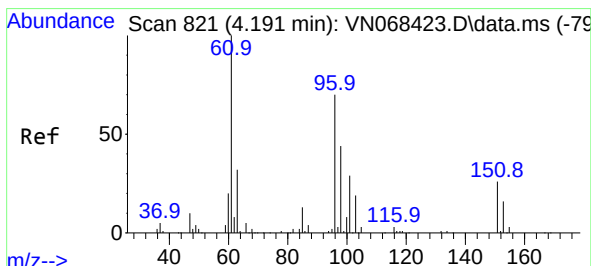
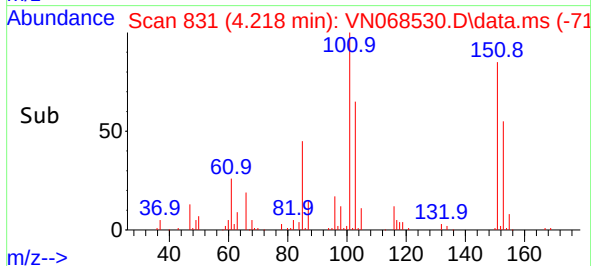
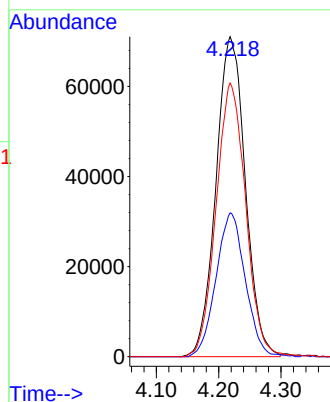
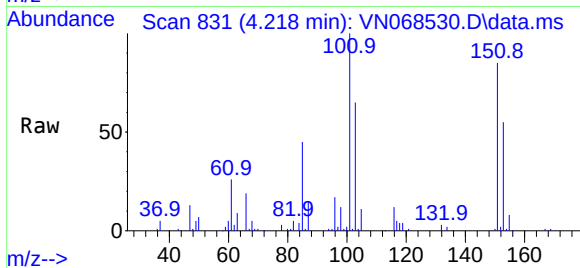




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.918 ug/l
RT: 4.218 min Scan# 831
Delta R.T. 0.000 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

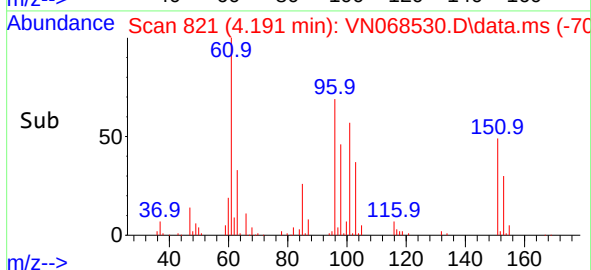
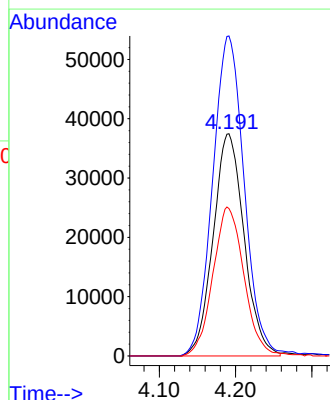
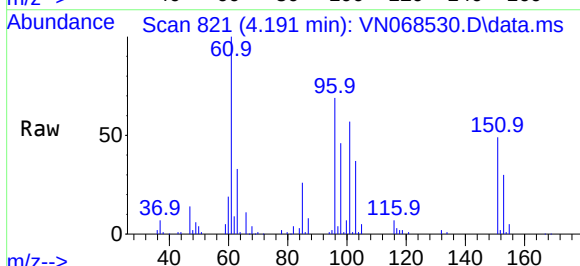
Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20210916

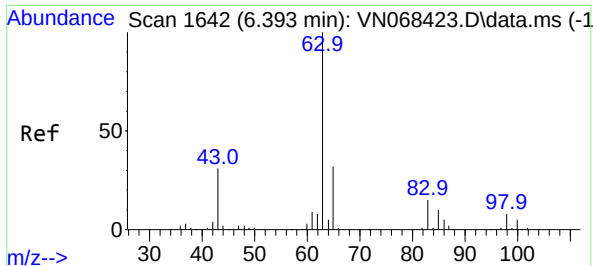
Tgt Ion:101 Resp: 232742
Ion Ratio Lower Upper
101 100
85 44.8 35.7 53.5
151 86.1 71.6 107.4



#12
1,1-Dichloroethene
Concen: 27.699 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.000 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

Tgt Ion: 96 Resp: 105546
Ion Ratio Lower Upper
96 100
61 144.0 114.7 172.1
98 66.3 50.9 76.3



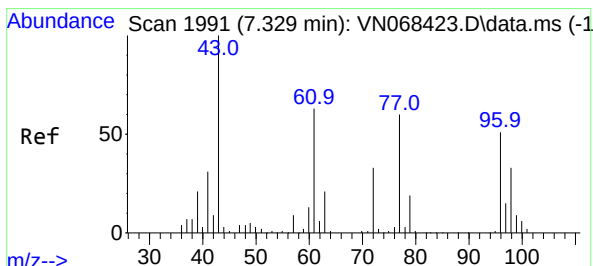
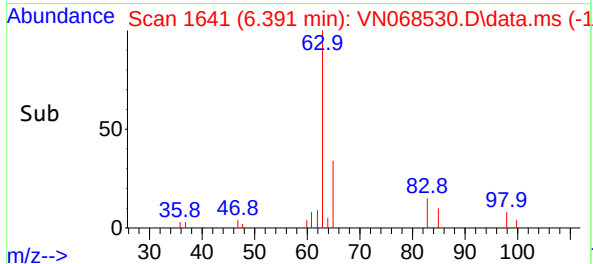
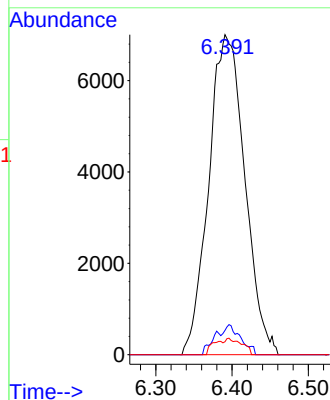
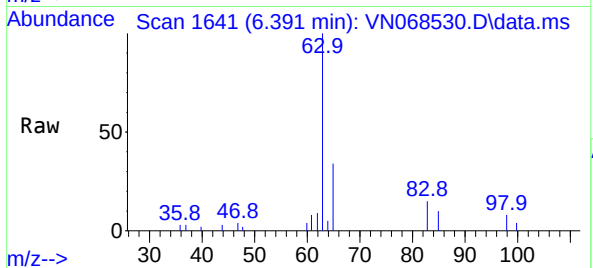


#24

1,1-Dichloroethane
Concen: 3.239 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. -0.002 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20210916

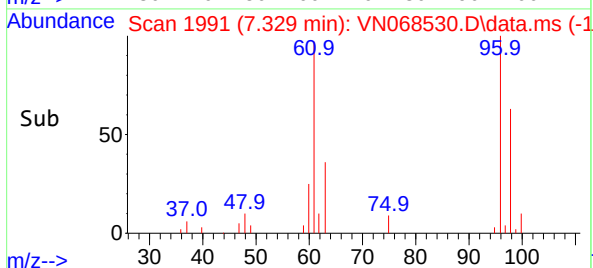
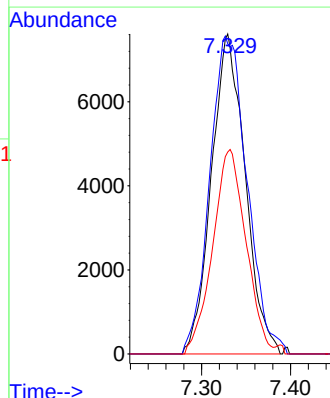
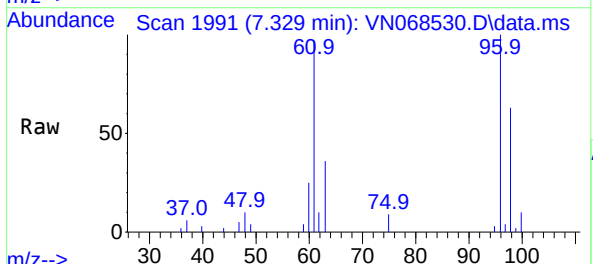
Tgt Ion:	63	Resp:	23002
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.9	11.5
100	4.0	2.4	7.2

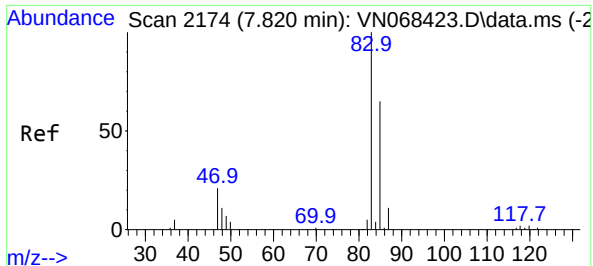


#27

cis-1,2-Dichloroethene
Concen: 3.917 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

Tgt Ion:	96	Resp:	20016
Ion	Ratio	Lower	Upper
96	100		
61	109.6	0.0	246.4
98	63.2	0.0	130.4





#30

Chloroform

Concen: 1.394 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN068530.D

Acq: 17 Sep 2021 19:32

Instrument :

MSVOA_N

ClientSampleId :

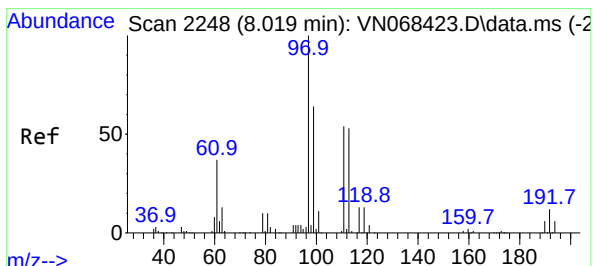
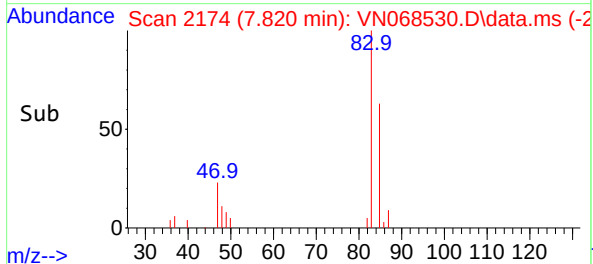
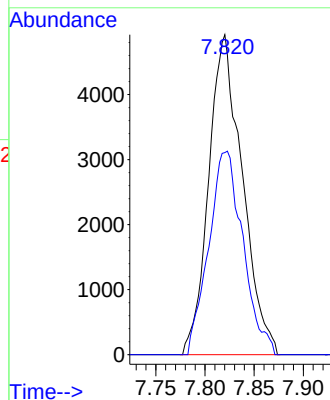
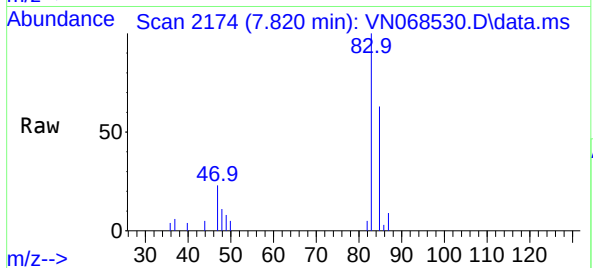
RE115D2-20210916

Tgt Ion: 83 Resp: 11710

Ion Ratio Lower Upper

83 100

85 63.1 52.2 78.4



#32

1,1,1-Trichloroethane

Concen: 2.068 ug/l

RT: 8.016 min Scan# 2247

Delta R.T. -0.003 min

Lab File: VN068530.D

Acq: 17 Sep 2021 19:32

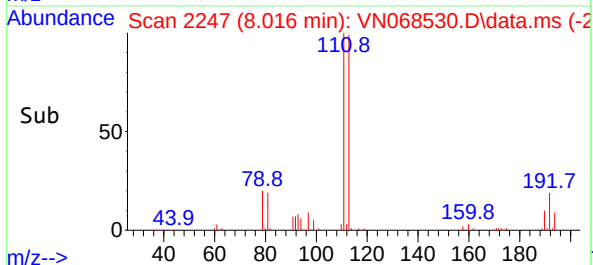
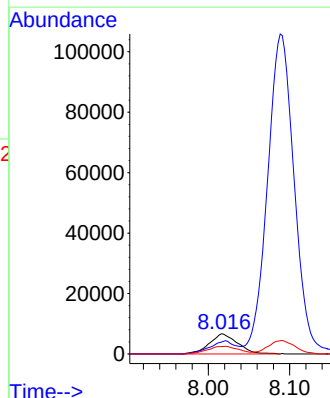
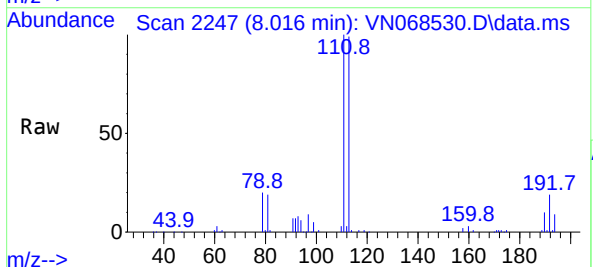
Tgt Ion: 97 Resp: 16115

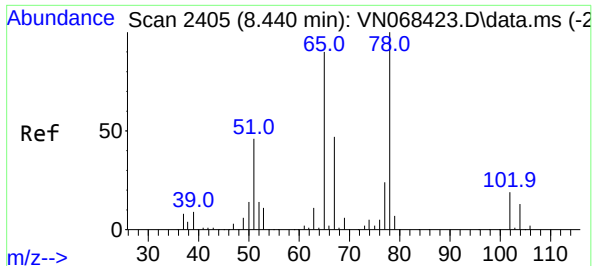
Ion Ratio Lower Upper

97 100

99 59.2 51.4 77.0

61 41.8 30.3 45.5

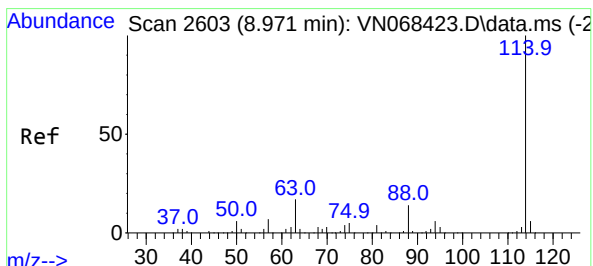
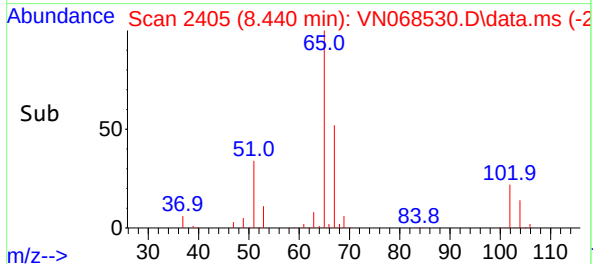
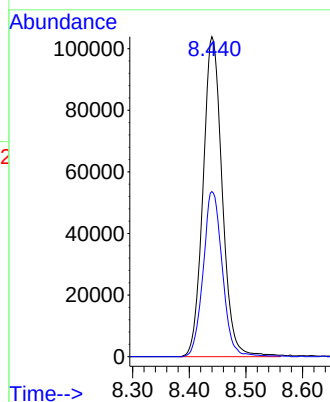
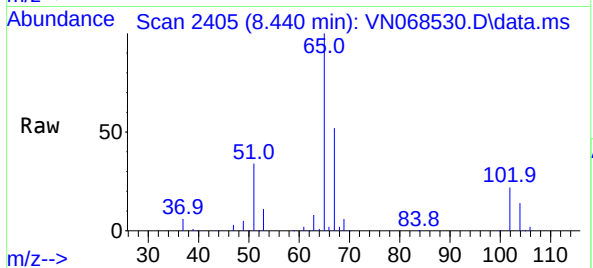




#33
1,2-Dichloroethane-d4
Concen: 54.871 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

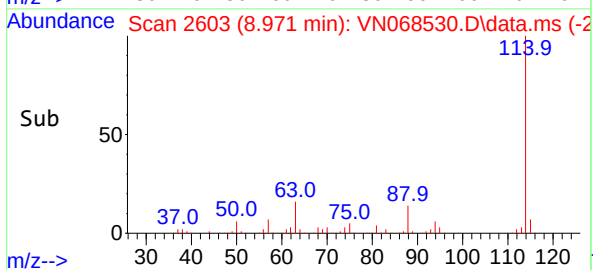
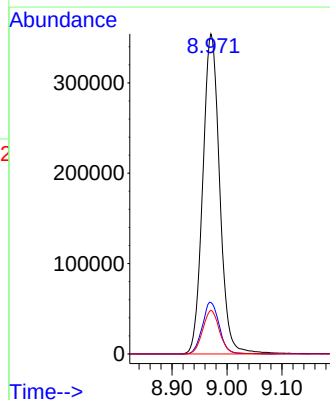
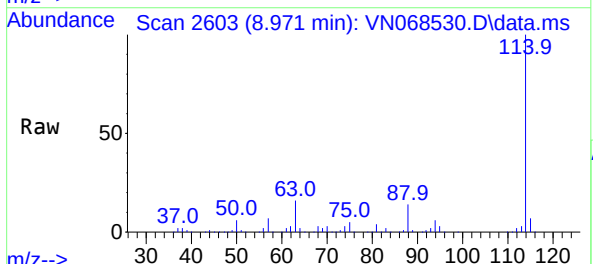
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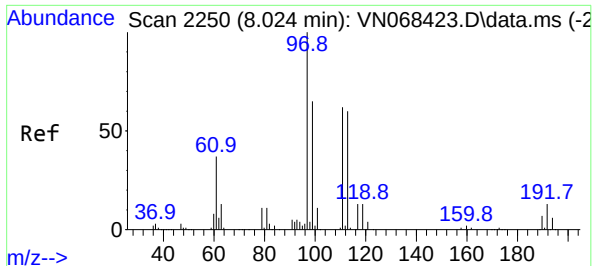
Tgt Ion: 65 Resp: 244118
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

Tgt Ion: 114 Resp: 757373
Ion Ratio Lower Upper
114 100
63 16.1 0.0 33.2
88 13.6 0.0 28.4

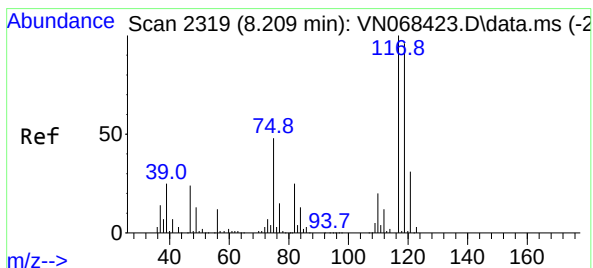
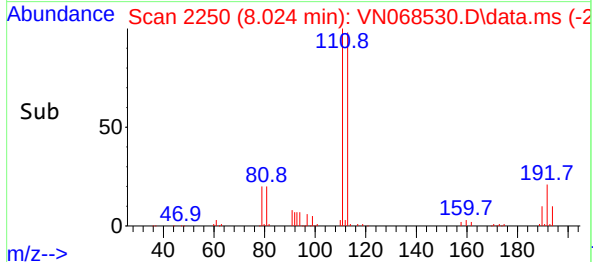
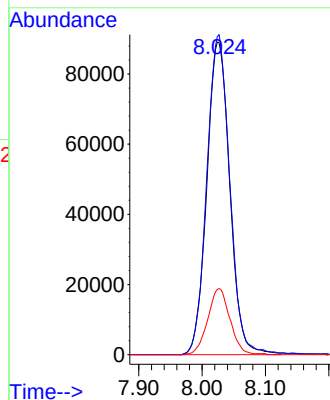
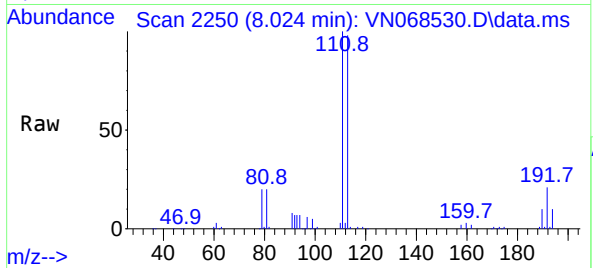




#35
Dibromofluoromethane
Concen: 49.165 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

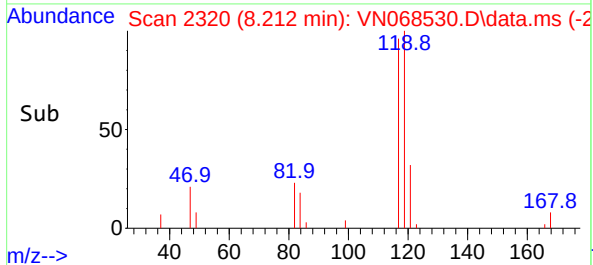
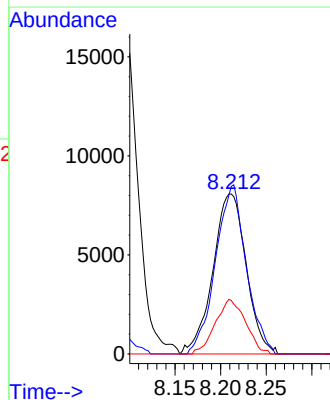
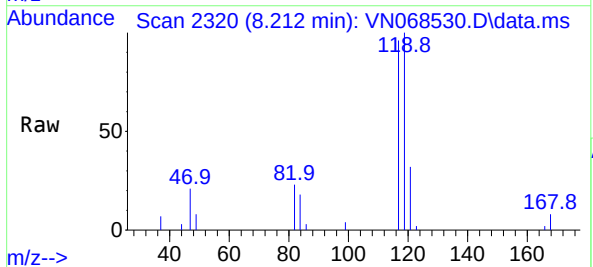
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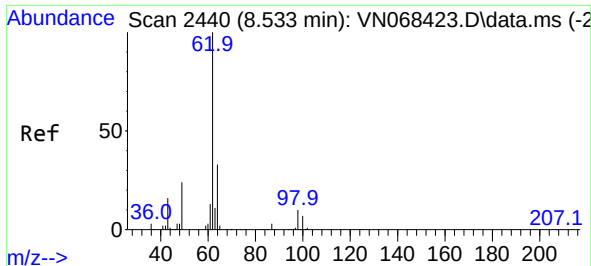
Tgt Ion:113 Resp: 224583
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 20.4 17.7 26.5



#38
Carbon Tetrachloride
Concen: 2.720 ug/l
RT: 8.212 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

Tgt Ion:117 Resp: 20572
Ion Ratio Lower Upper
117 100
119 104.7 76.6 114.8
121 33.5 24.5 36.7

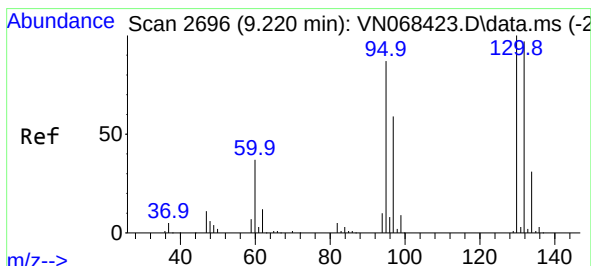
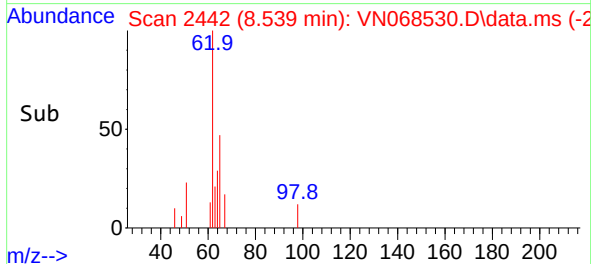
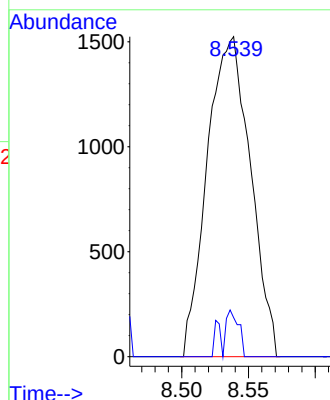
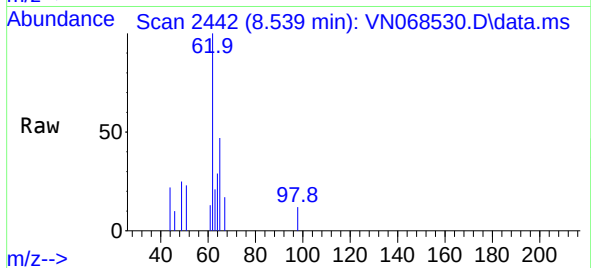




#42
1,2-Dichloroethane
Concen: 0.530 ug/l
RT: 8.539 min Scan# 2442
Delta R.T. 0.006 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

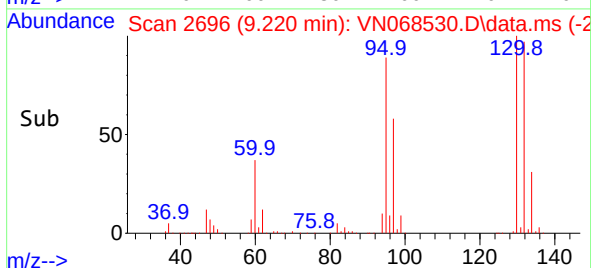
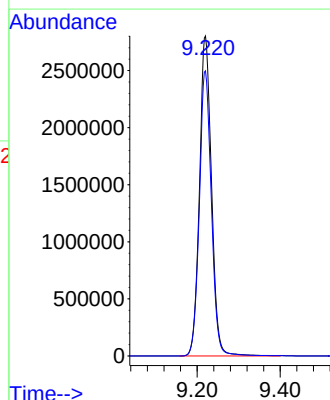
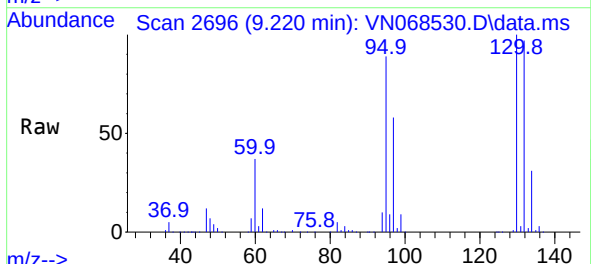
Instrument :
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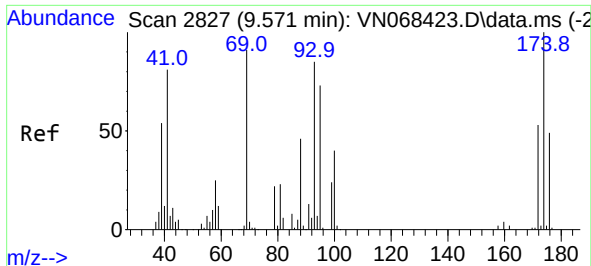
Tgt Ion: 62 Resp: 3431
Ion Ratio Lower Upper
62 100
98 4.2 0.0 20.2



#44
Trichloroethene
Concen: 956.617 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.000 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

Tgt Ion:130 Resp: 5661037
Ion Ratio Lower Upper
130 100
95 89.1 0.0 173.8

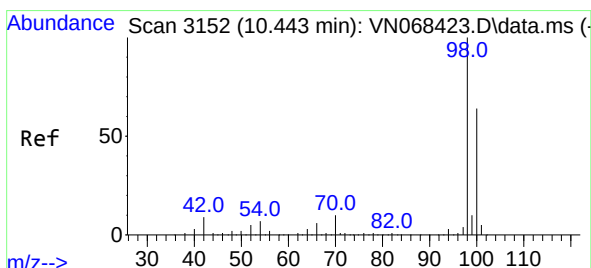
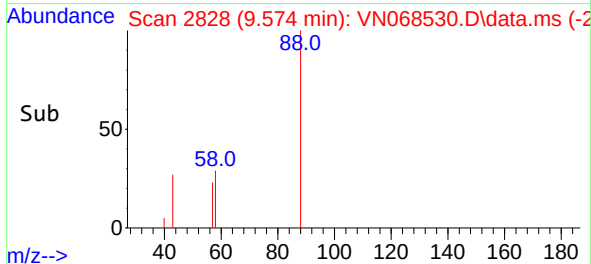
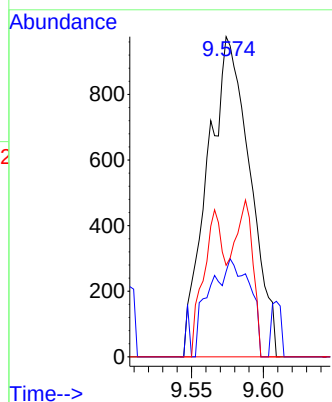
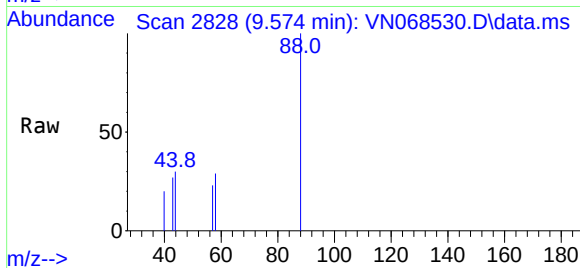




#49
1,4-Dioxane
Concen: 24.638 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

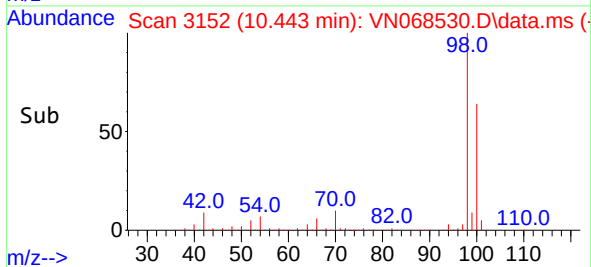
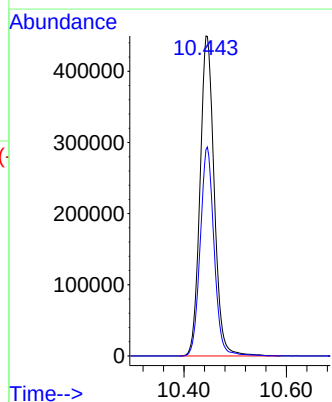
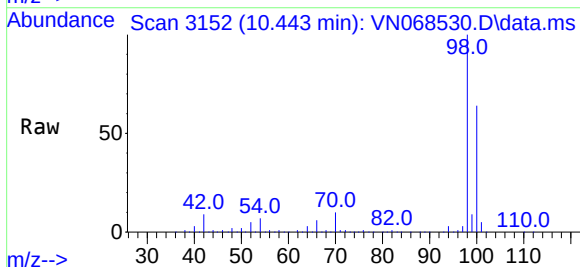
Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20210916

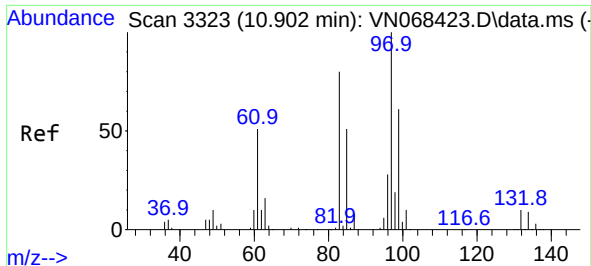
Tgt Ion: 88 Resp: 2000
Ion Ratio Lower Upper
88 100
43 17.4 18.9 28.3#
58 20.2 46.6 69.8#



#50
Toluene-d8
Concen: 46.383 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

Tgt Ion: 98 Resp: 863773
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.6

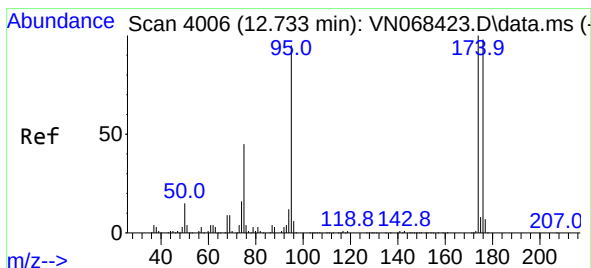
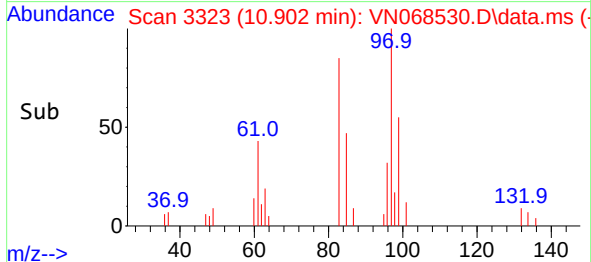
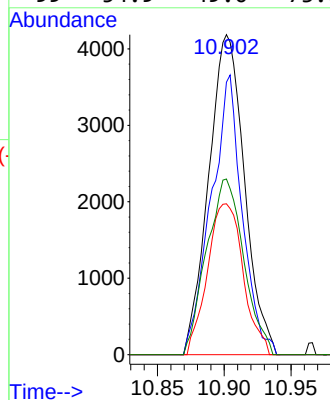
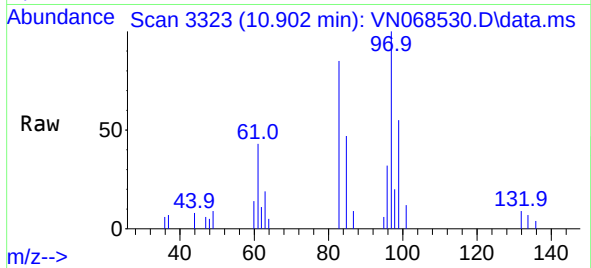




#55
1,1,2-Trichloroethane
Concen: 1.585 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. -0.000 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

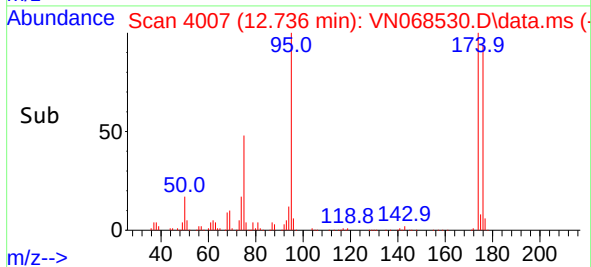
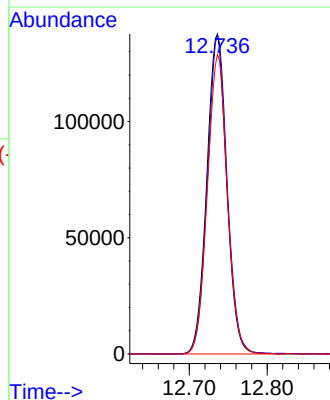
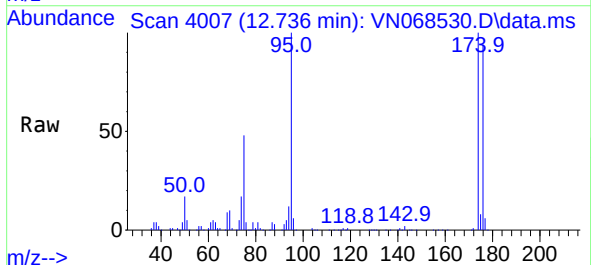
Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20210916

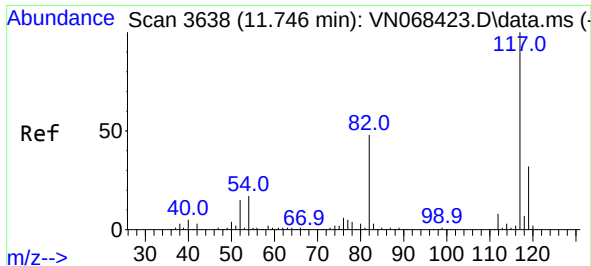
Tgt Ion:	97	Resp:	7798
Ion	Ratio	Lower	Upper
97	100		
83	85.1	63.7	95.5
85	47.1	40.7	61.1
99	54.9	49.0	73.6



#62
4-Bromofluorobenzene
Concen: 40.291 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

Tgt Ion:	95	Resp:	243389
Ion	Ratio	Lower	Upper
95	100		
174	99.8	0.0	214.0
176	94.0	0.0	205.4

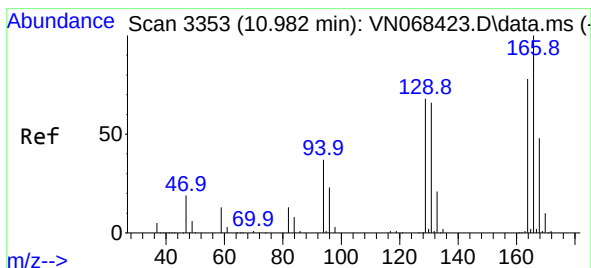
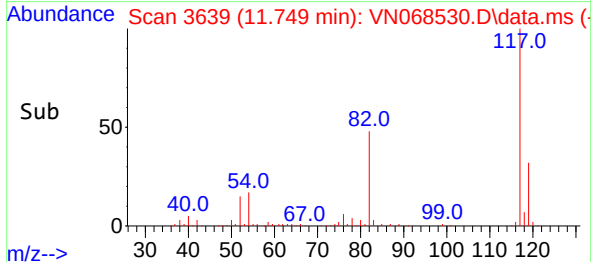
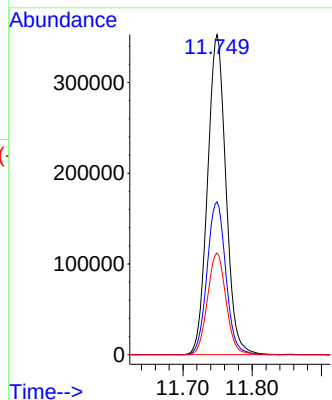
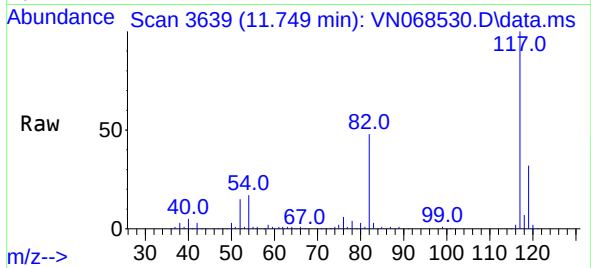




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

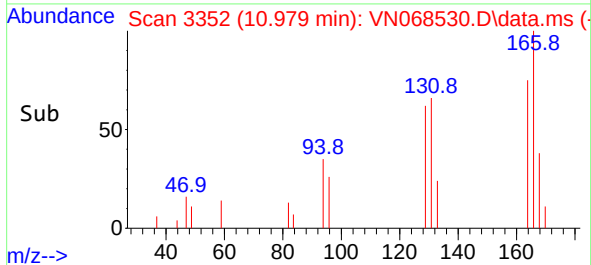
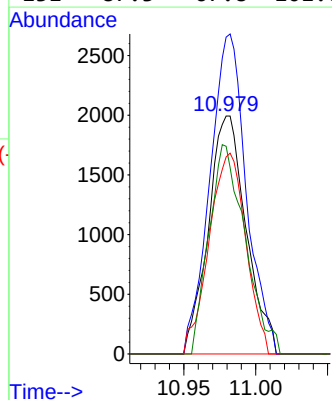
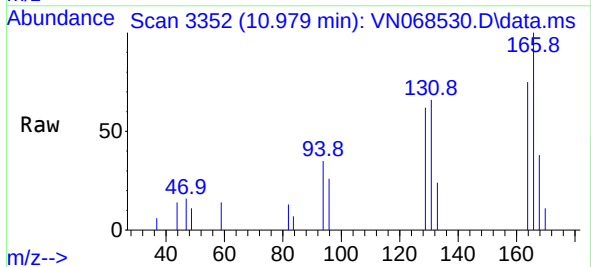
Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20210916

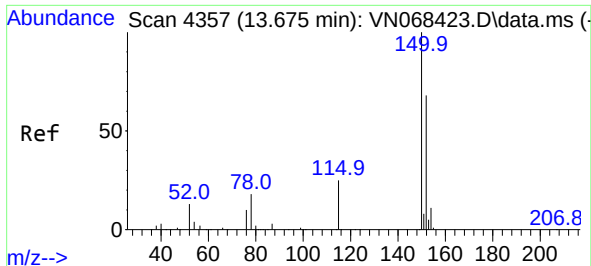
Tgt Ion:117 Resp: 650133
Ion Ratio Lower Upper
117 100
82 47.7 38.7 58.1
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.634 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.003 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

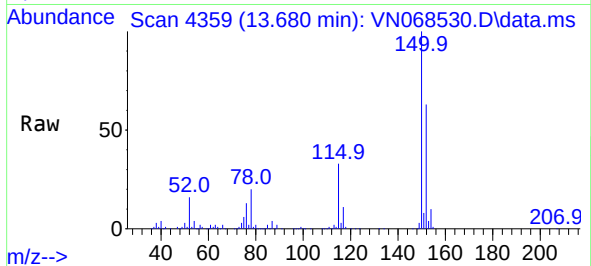
Tgt Ion:164 Resp: 3653
Ion Ratio Lower Upper
164 100
166 133.1 102.9 154.3
129 82.8 70.1 105.1
131 87.3 67.8 101.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN068530.D
Acq: 17 Sep 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20210916



Tgt Ion:152 Resp: 241385
Ion Ratio Lower Upper
152 100
115 53.0 25.6 76.6
150 158.7 0.0 346.8

