

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
 Data File : VN068579.D
 Acq On : 21 Sep 2021 13:55
 Operator : JC/MD
 Sample : M3781-02DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW180D2-20210915DL

Quant Time: Sep 21 16:08:43 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	700041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	970181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	850648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	343133	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	330073	51.401	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.800%	
35) Dibromofluoromethane	8.027	113	308136	52.660	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.320%	
50) Toluene-d8	10.443	98	1133420	47.426	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 94.860%	
62) 4-Bromofluorobenzene	12.733	95	330895	42.507	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 85.020%	

Target Compounds				Qvalue		
3) Chloromethane	2.309	50	659	Below Cal	98	
5) Bromomethane	2.883	94	2291	Below Cal	99	
9) 1,1,2-Trichlorotrifluo...	4.218	101	16992	2.828 ug/l #	90	
12) 1,1-Dichloroethene	4.191	96	14699	2.673 ug/l	98	
13) Acrolein	4.052	56	470	0.986 ug/l #	44	
16) Acetone	4.309	43	2336	Below Cal	89	
18) Methyl Acetate	4.862	43	382	Below Cal #	45	
20) Methylene Chloride	5.093	84	3333	Below Cal	96	
24) 1,1-Dichloroethane	6.401	63	2934	0.286 ug/l #	81	
25) 2-Butanone	7.345	43	704	0.226 ug/l	93	
27) cis-1,2-Dichloroethene	7.327	96	3171	0.430 ug/l	48	
29) Tetrahydrofuran	7.702	42	620	0.304 ug/l #	40	
31) Cyclohexane	8.086	56	11197	1.151 ug/l #	22	
32) 1,1,1-Trichloroethane	8.019	97	2914	0.259 ug/l #	38	
36) 1,1-Dichloropropene	8.088	75	41793	5.167 ug/l #	47	
38) Carbon Tetrachloride	8.214	117	2961	0.306 ug/l	91	
39) Methylcyclohexane	9.217	83	4268	0.417 ug/l #	1	
44) Trichloroethene	9.217	130	374435	49.394 ug/l	94	
49) 1,4-Dioxane	9.571	88	114	1.096 ug/l #	1	
51) 4-Methyl-2-Pentanone	10.333	43	4006	0.646 ug/l	95	
59) 2-Hexanone	11.092	43	7415	1.787 ug/l	98	
60) Dibromochloromethane	11.245	129	199	1.825 ug/l #	43	
70) Styrene	12.296	104	2156	1.859 ug/l	92	
71) Bromoform	12.457	173	270	2.566 ug/l #	29	
74) N-amyl acetate	12.393	43	4350	0.799 ug/l #	79	
76) 1,2,3-Trichloropropane	12.733	75	166712	35.001 ug/l #	1	
77) Bromobenzene	12.865	156	1517	0.225 ug/l	75	
78) n-propylbenzene	12.921	91	5823	0.226 ug/l	100	
81) trans-1,4-Dichloro-2-b...	12.733	75	166712	107.674 ug/l #	13	
82) 4-Chlorotoluene	13.109	91	4662	0.304 ug/l	94	
84) 1,2,4-Trimethylbenzene	13.369	105	4491	0.236 ug/l	97	
86) p-Isopropyltoluene	13.618	119	5287	0.262 ug/l	97	
87) 1,3-Dichlorobenzene	13.618	146	4453	0.380 ug/l	97	
88) 1,4-Dichlorobenzene	13.618	146	4453	0.386 ug/l	96	
89) n-Butylbenzene	13.943	91	9970	0.679 ug/l	95	
91) 1,2-Dichlorobenzene	13.989	146	5390	0.477 ug/l	97	

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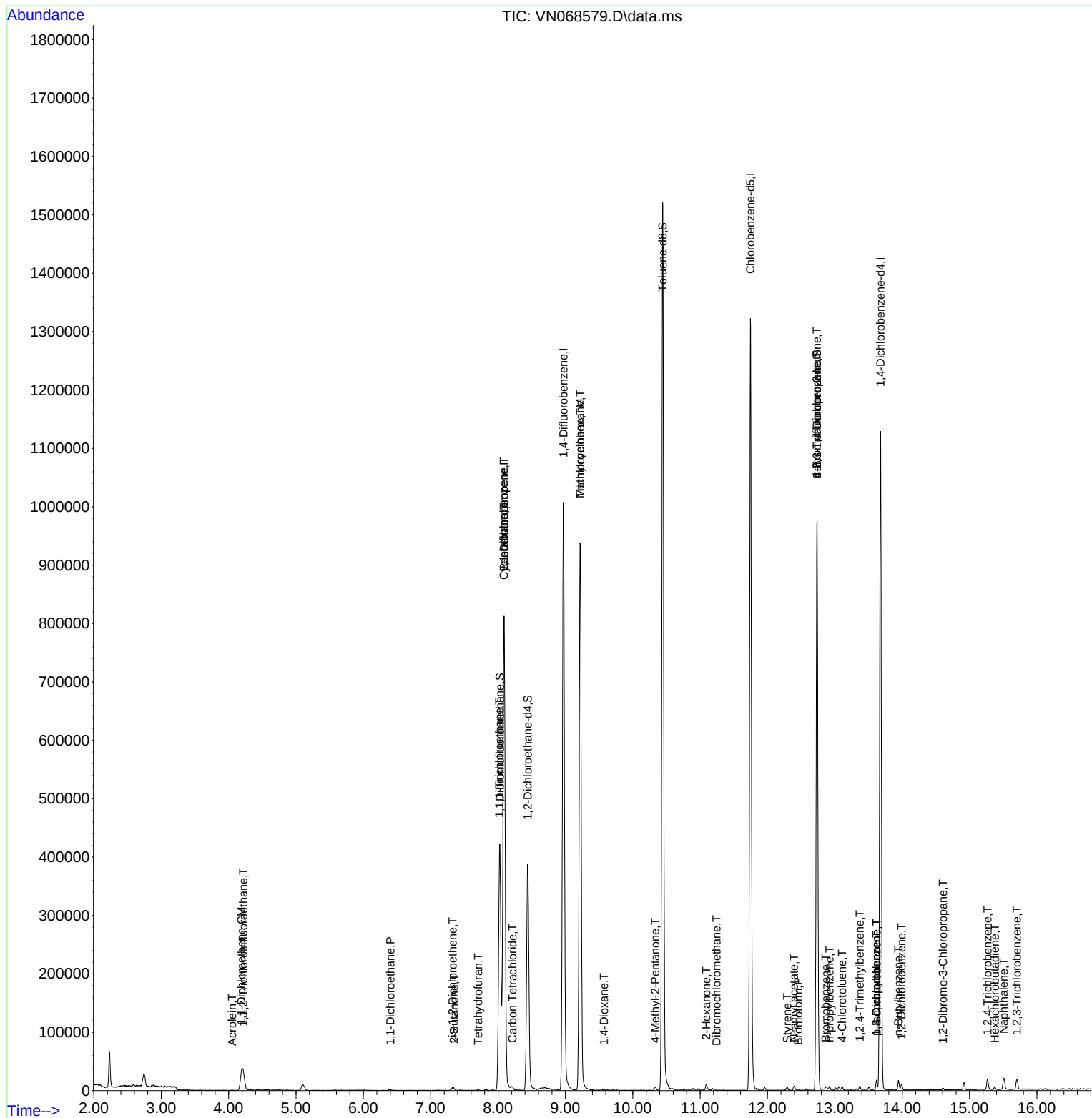
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.605	75	588	0.541	ug/l	97
93) 1,2,4-Trichlorobenzene	15.268	180	7278	4.027	ug/l	93
94) Hexachlorobutadiene	15.378	225	1068	0.320	ug/l	83
95) Naphthalene	15.507	128	20193	4.879	ug/l	98
96) 1,2,3-Trichlorobenzene	15.702	180	7834	4.192	ug/l #	87

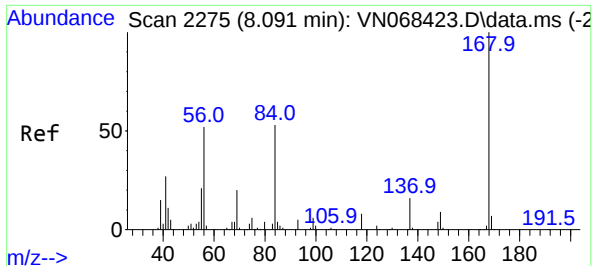
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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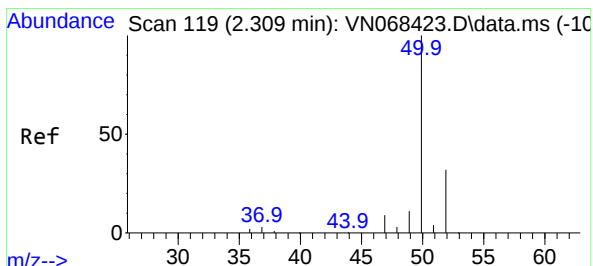
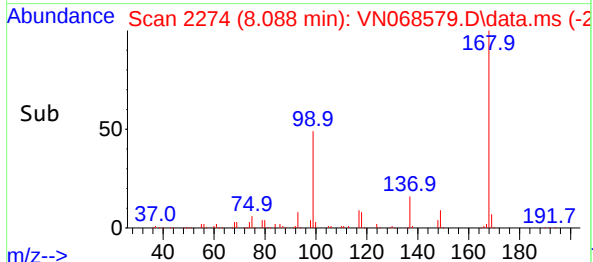
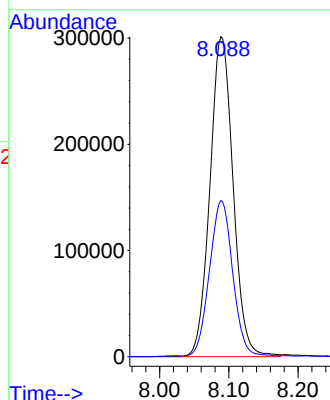
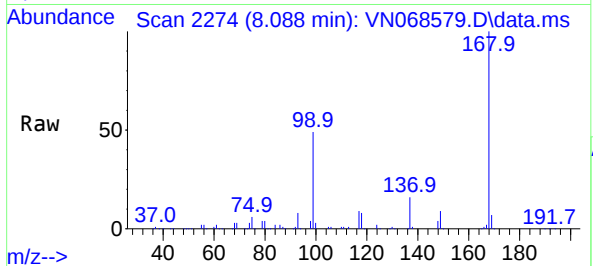




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

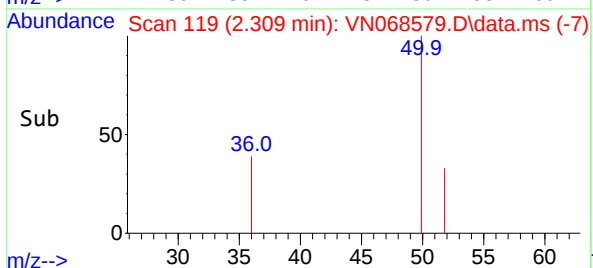
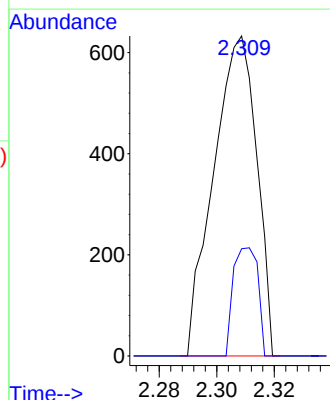
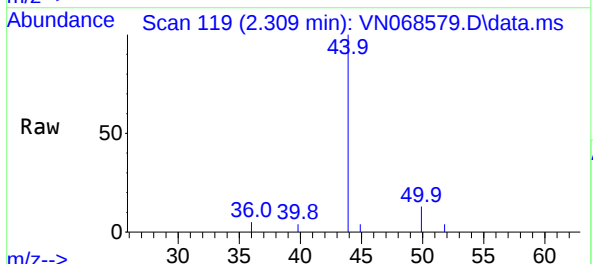
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

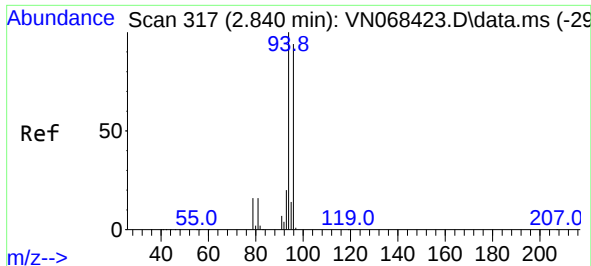
Tgt Ion:168 Resp: 700041
Ion Ratio Lower Upper
168 100
99 48.6 38.2 57.4



#3
Chloromethane
Concen: Below Cal
RT: 2.309 min Scan# 119
Delta R.T. -0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 50 Resp: 659
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.6

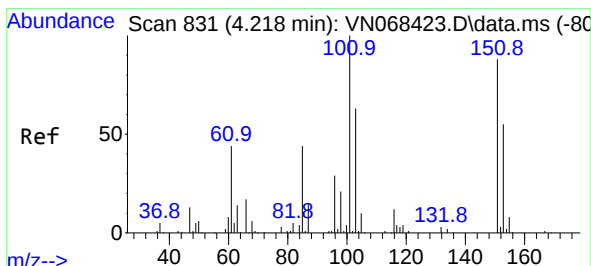
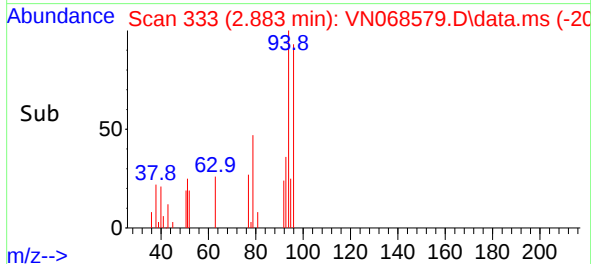
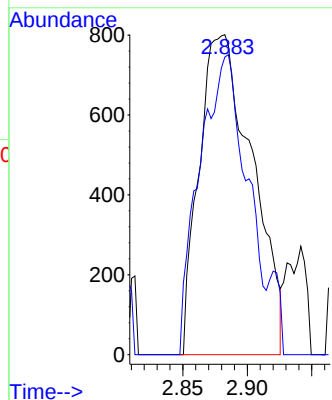
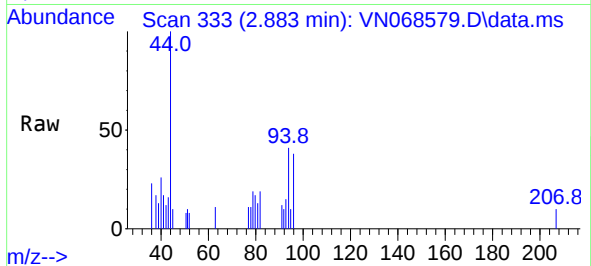




#5
Bromomethane
Concen: Below Cal
RT: 2.883 min Scan# 333
Delta R.T. 0.043 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

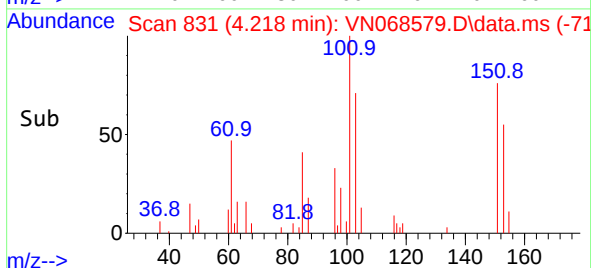
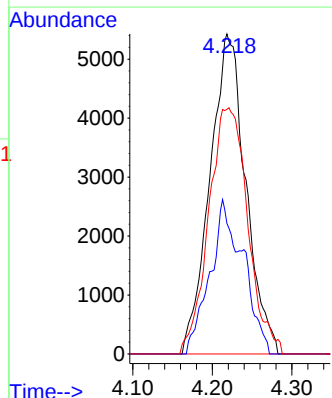
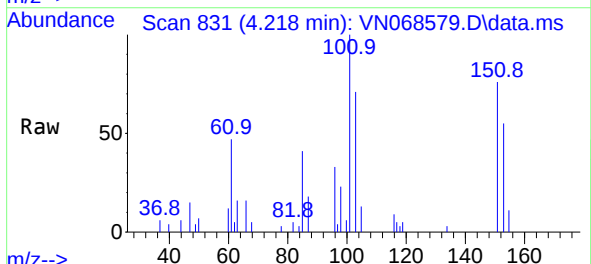
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

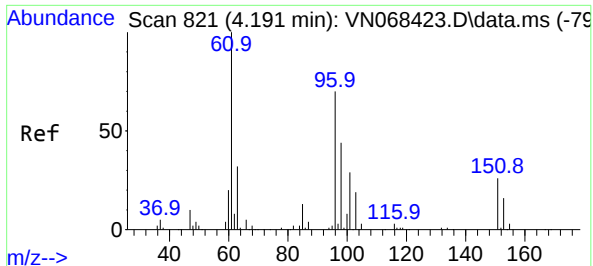
Tgt Ion: 94 Resp: 2291
Ion Ratio Lower Upper
94 100
96 93.0 75.4 113.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.828 ug/l
RT: 4.218 min Scan# 831
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 101 Resp: 16992
Ion Ratio Lower Upper
101 100
85 32.1 35.7 53.5#
151 83.8 71.6 107.4





#12

1,1-Dichloroethene

Concen: 2.673 ug/l

RT: 4.191 min Scan# 821

Delta R.T. 0.000 min

Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

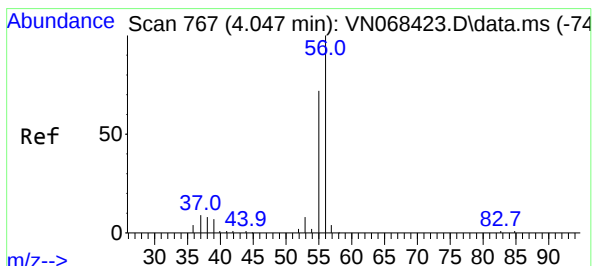
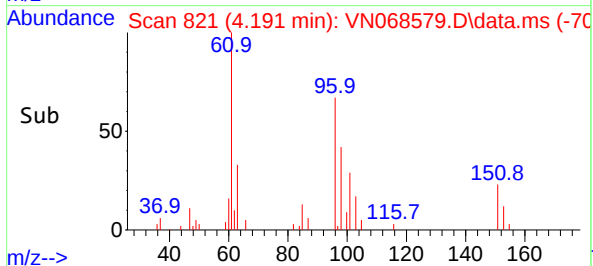
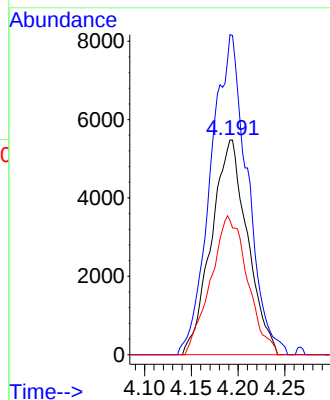
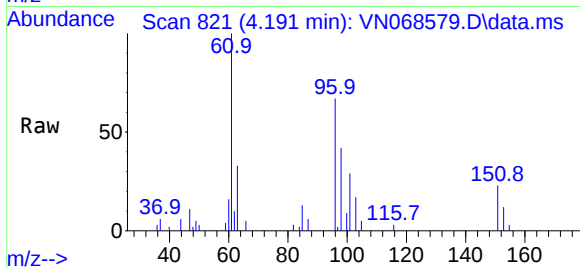
Tgt Ion: 96 Resp: 14699

Ion Ratio Lower Upper

96 100

61 145.8 114.7 172.1

98 62.5 50.9 76.3



#13

Acrolein

Concen: 0.986 ug/l

RT: 4.052 min Scan# 769

Delta R.T. 0.005 min

Lab File: VN068579.D

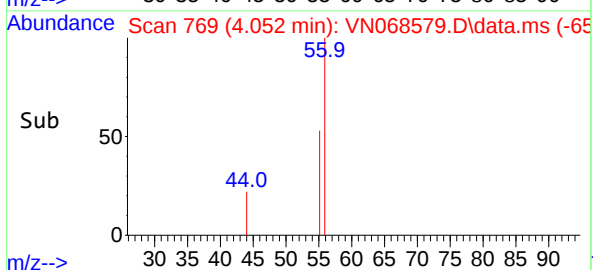
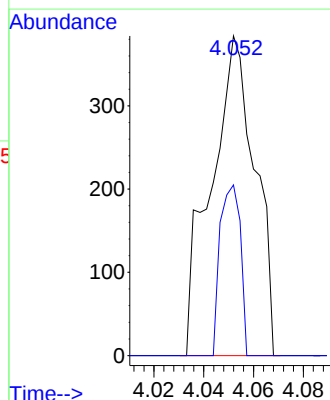
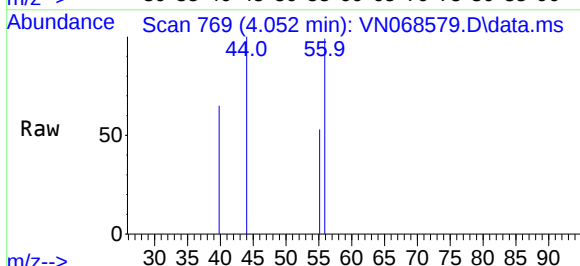
Acq: 21 Sep 2021 13:55

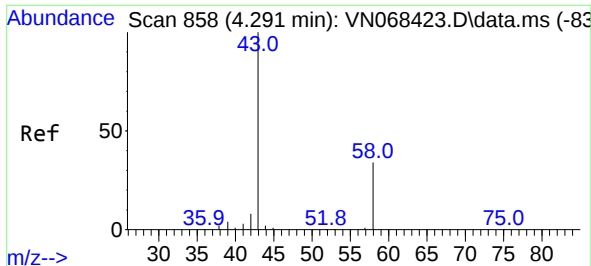
Tgt Ion: 56 Resp: 470

Ion Ratio Lower Upper

56 100

55 24.7 56.8 85.2#

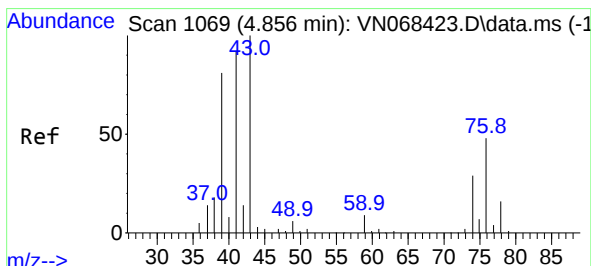
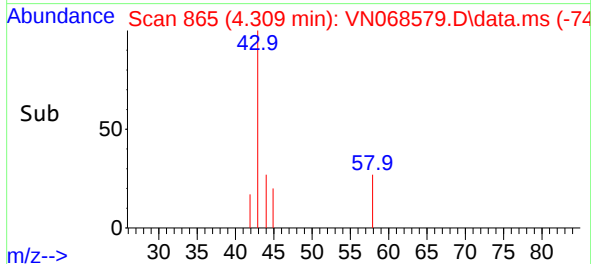
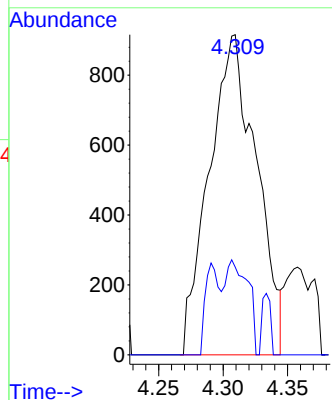
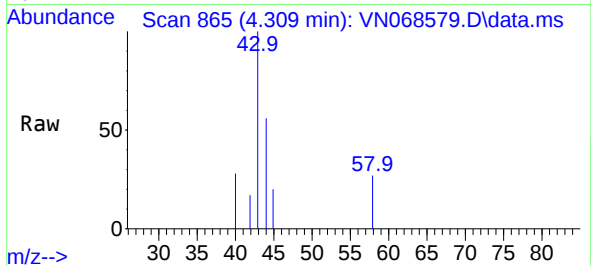




#16
Acetone
Concen: Below Cal
RT: 4.309 min Scan# 865
Delta R.T. 0.018 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

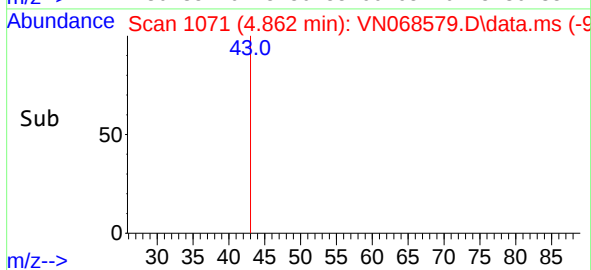
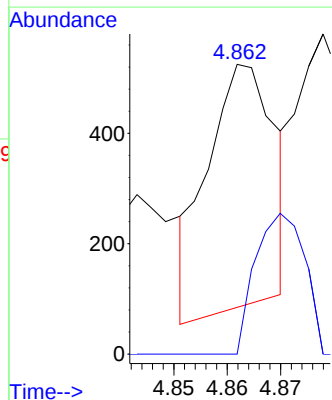
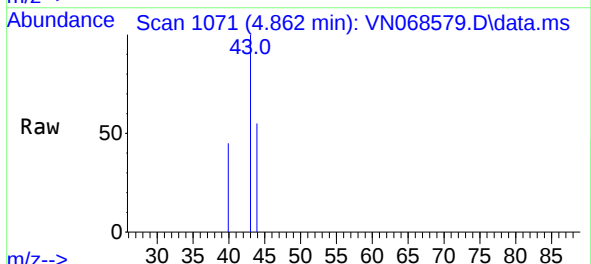
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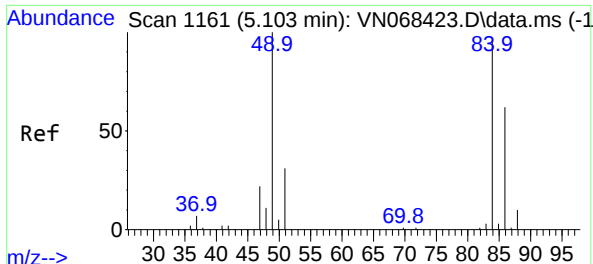
Tgt Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
58 27.4 27.0 40.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.862 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
74 0.0 23.5 35.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.093 min Scan# 1157

Delta R.T. -0.010 min

Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

Tgt Ion: 84 Resp: 3333

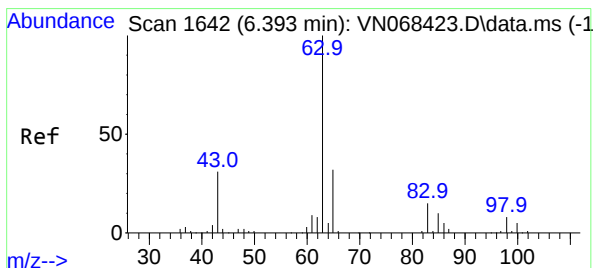
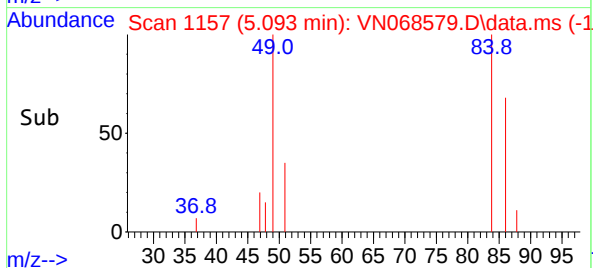
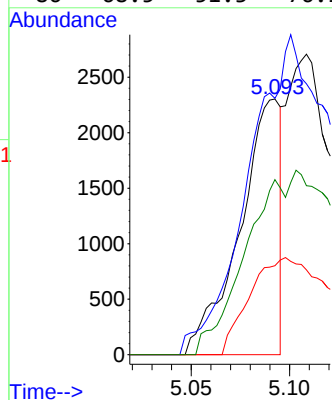
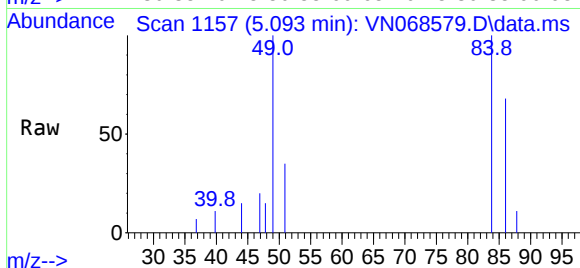
Ion Ratio Lower Upper

84 100

49 100.3 83.0 124.6

51 34.8 25.4 38.0

86 68.5 51.3 76.9



#24

1,1-Dichloroethane

Concen: 0.286 ug/l

RT: 6.401 min Scan# 1645

Delta R.T. 0.008 min

Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

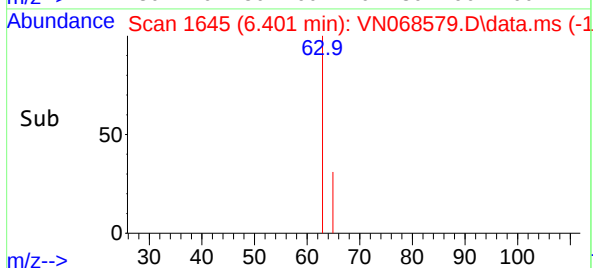
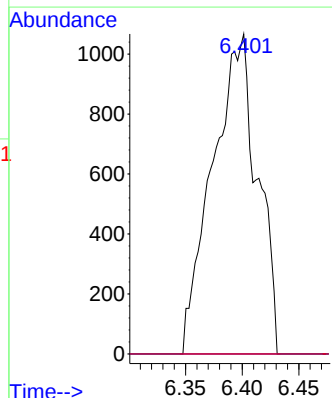
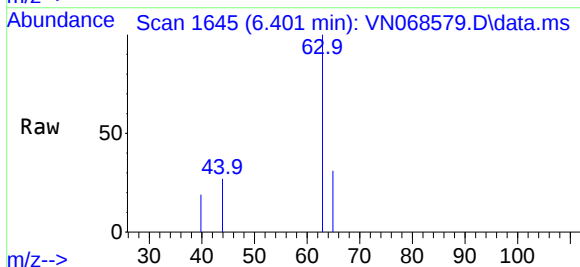
Tgt Ion: 63 Resp: 2934

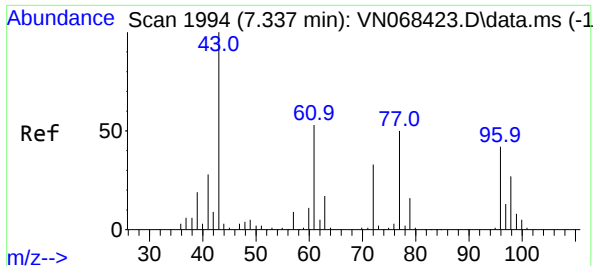
Ion Ratio Lower Upper

63 100

98 0.0 3.9 11.5#

100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 0.226 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.008 min

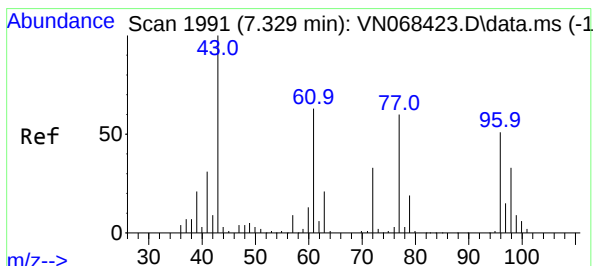
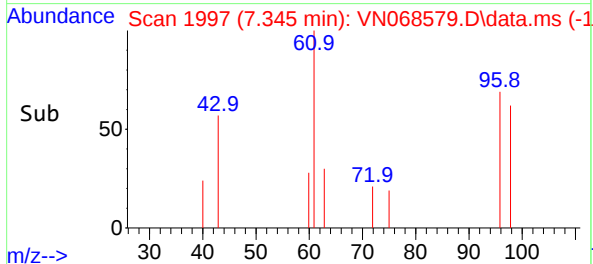
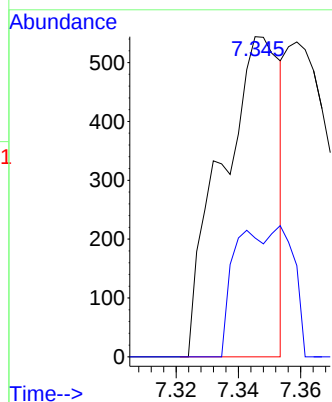
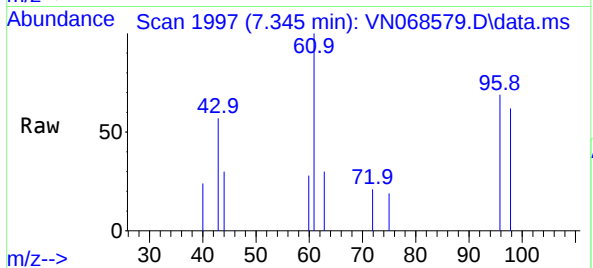
Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

Tgt Ion: 43 Resp: 704

Ion Ratio Lower Upper

43	100		
72	37.1	26.7	40.1



#27

cis-1,2-Dichloroethene

Concen: 0.430 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.002 min

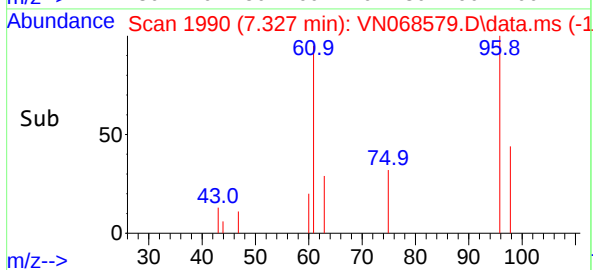
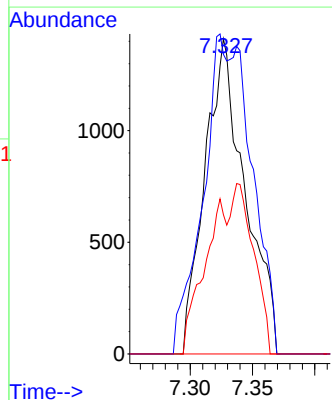
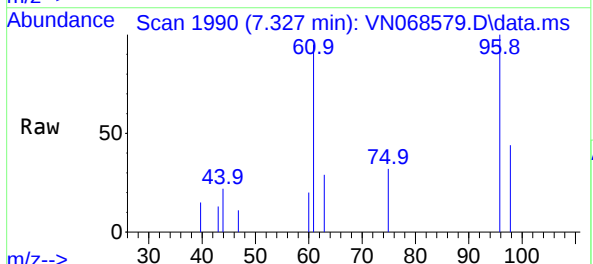
Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

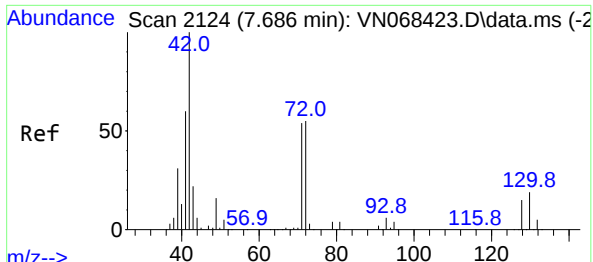
Tgt Ion: 96 Resp: 3171

Ion Ratio Lower Upper

96	100		
61	60.7	0.0	246.4
98	28.1	0.0	130.4



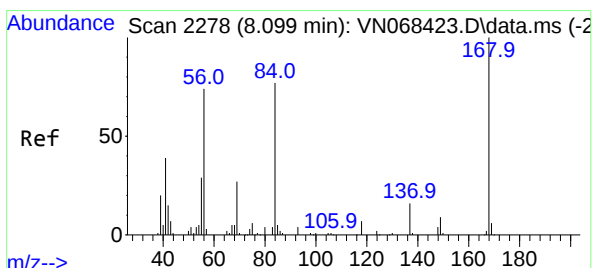
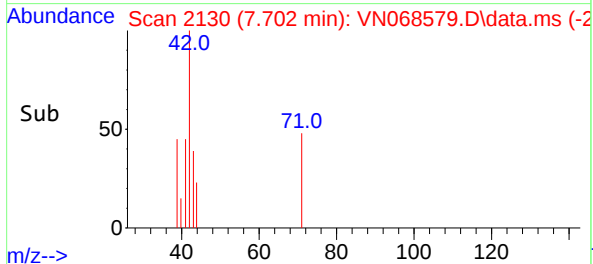
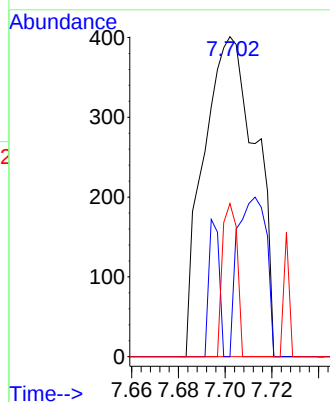
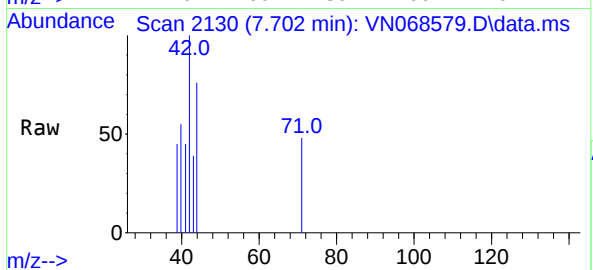
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL



#29
Tetrahydrofuran
Concen: 0.304 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.016 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

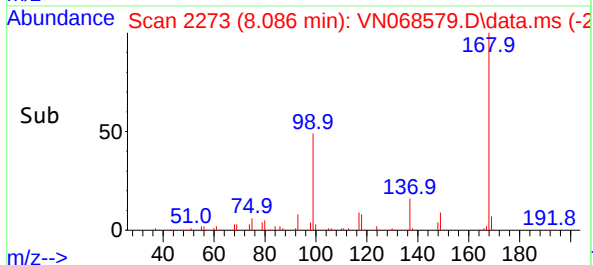
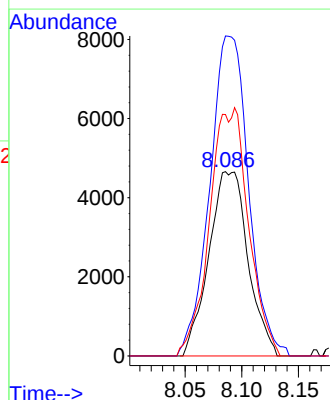
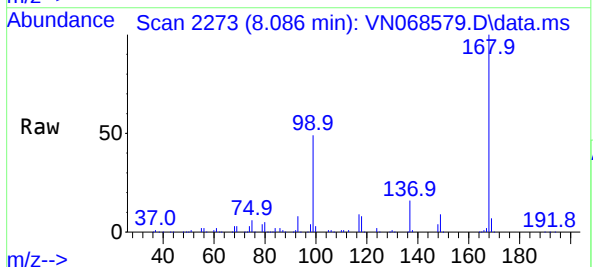
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

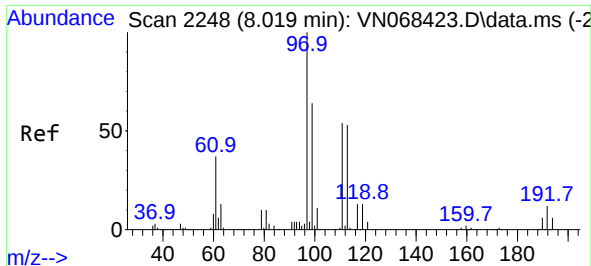
Tgt Ion:	42	Resp:	620
Ion	Ratio	Lower	Upper
42	100		
72	8.5	44.4	66.6#
71	13.5	42.3	63.5#



#31
Cyclohexane
Concen: 1.151 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.013 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion:	56	Resp:	11197
Ion	Ratio	Lower	Upper
56	100		
69	170.1	29.4	44.0#
84	131.0	83.6	125.4#

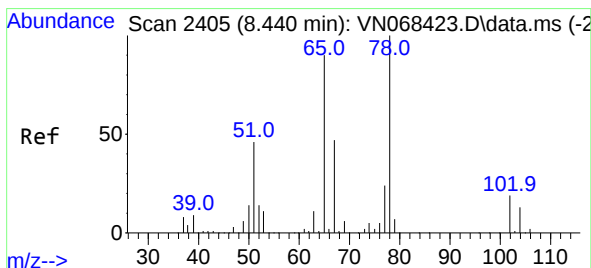
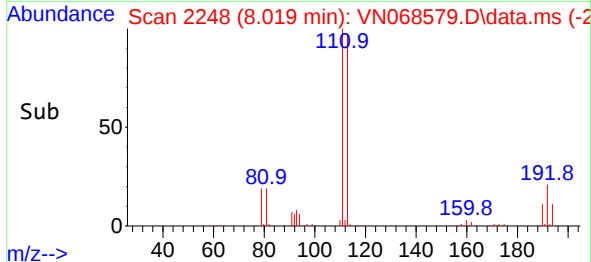
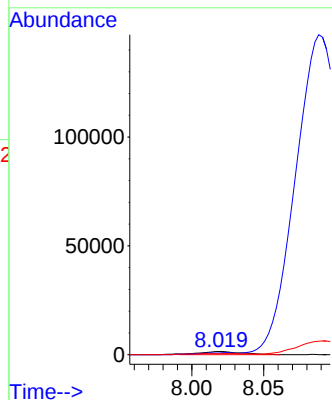
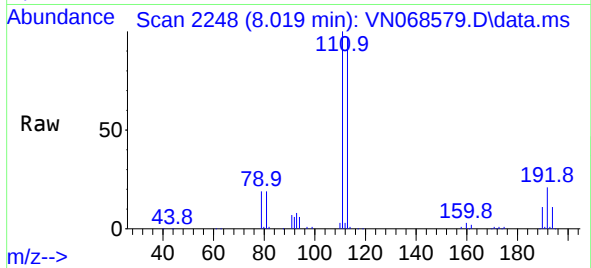




#32
1,1,1-Trichloroethane
Concen: 0.259 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

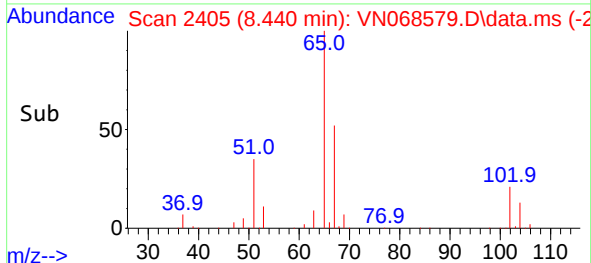
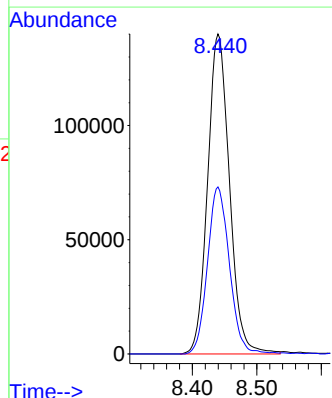
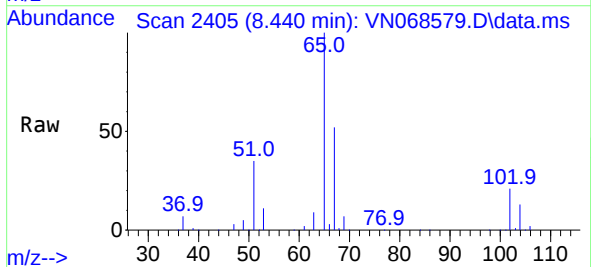
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

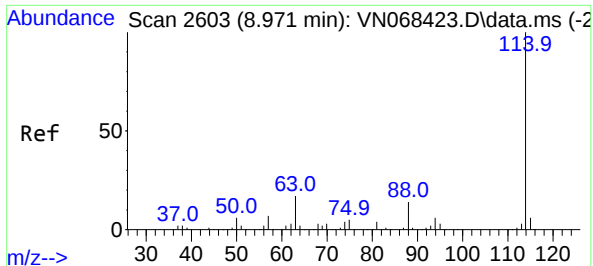
Tgt Ion: 97 Resp: 2914
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 21.3 30.3 45.5#



#33
1,2-Dichloroethane-d4
Concen: 51.401 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 65 Resp: 330073
Ion Ratio Lower Upper
65 100
67 52.3 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: VN068579.D

Acq: 21 Sep 2021 13:55

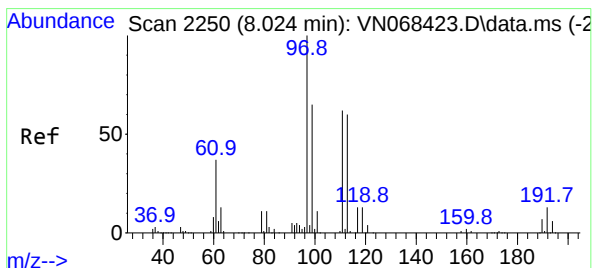
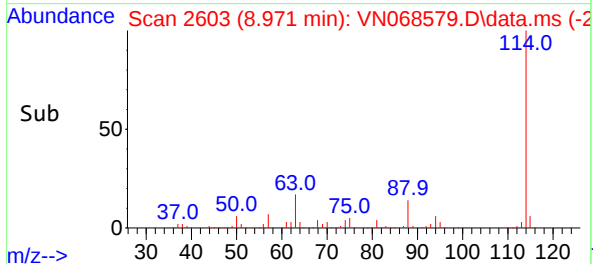
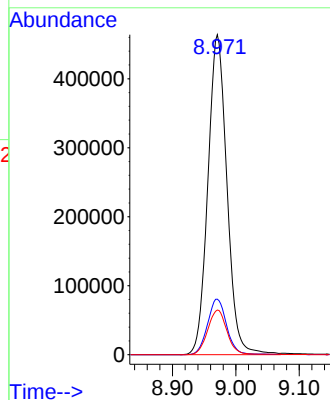
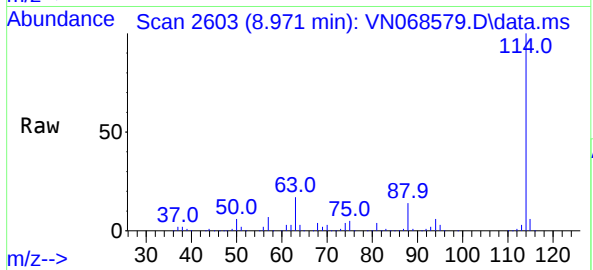
Tgt Ion:114 Resp: 970181

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.2

88 14.0 0.0 28.4



#35

Dibromofluoromethane

Concen: 52.660 ug/l

RT: 8.027 min Scan# 2251

Delta R.T. 0.003 min

Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

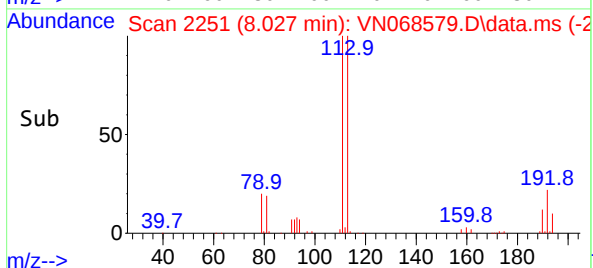
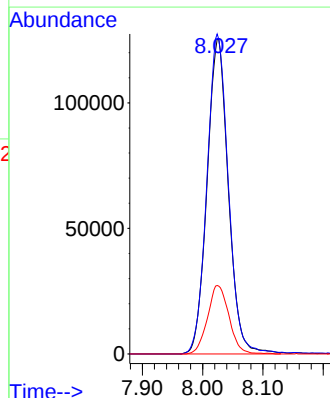
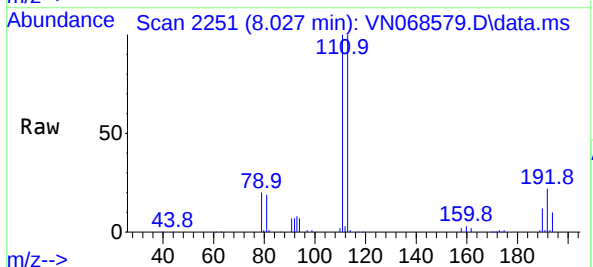
Tgt Ion:113 Resp: 308136

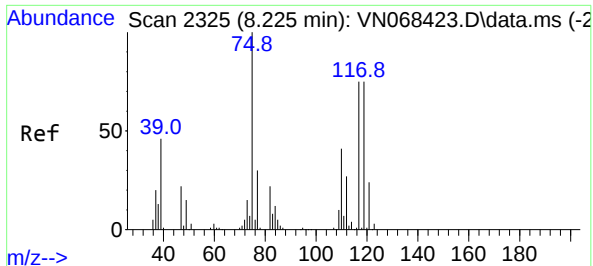
Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

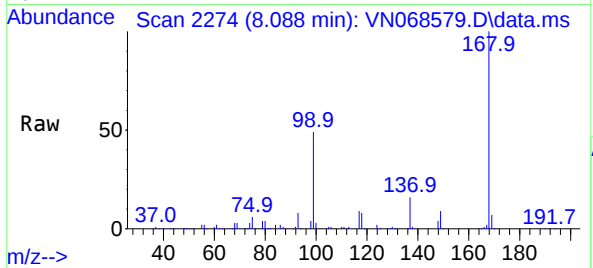
192 21.9 17.7 26.5



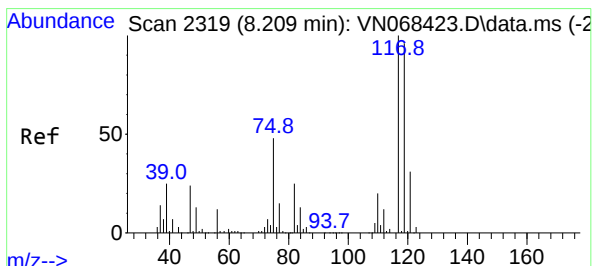
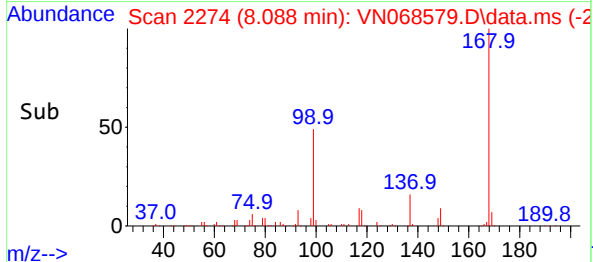
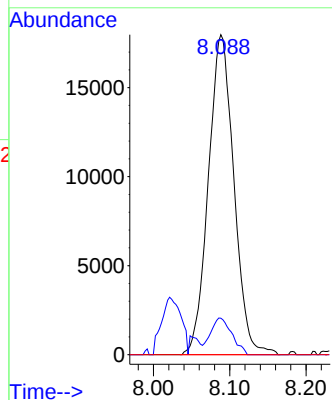


#36
1,1-Dichloropropene
Concen: 5.167 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.137 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

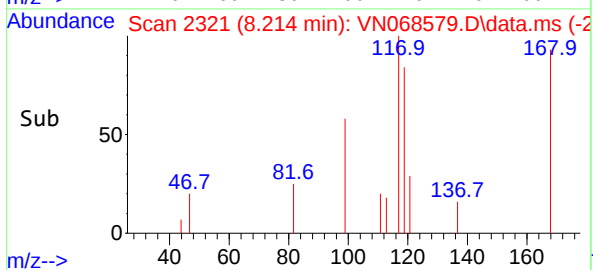
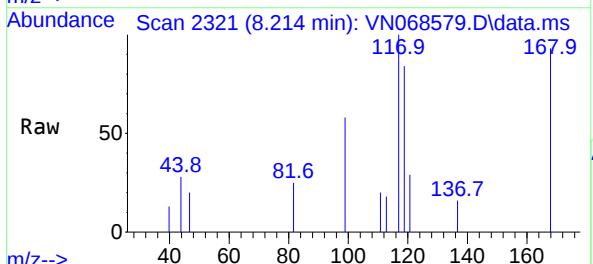
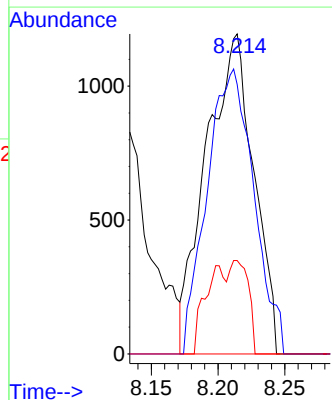


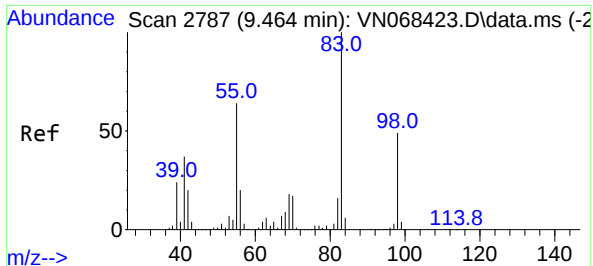
Tgt Ion: 75 Resp: 41793
Ion Ratio Lower Upper
75 100
110 9.6 20.8 62.5#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 0.306 ug/l
RT: 8.214 min Scan# 2321
Delta R.T. 0.005 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 117 Resp: 2961
Ion Ratio Lower Upper
117 100
119 84.3 76.6 114.8
121 29.2 24.5 36.7





#39

Methylcyclohexane

Concen: 0.417 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.247 min

Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

Tgt Ion: 83 Resp: 4268

Ion Ratio Lower Upper

83 100

55 0.0 51.0 76.4#

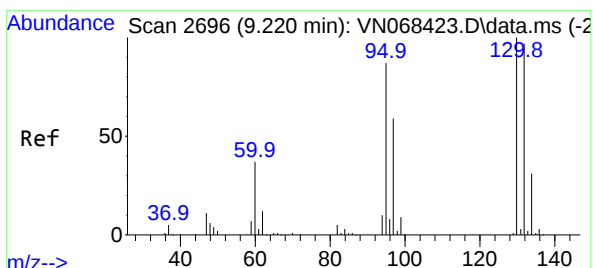
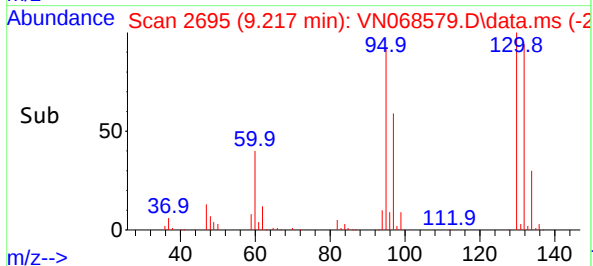
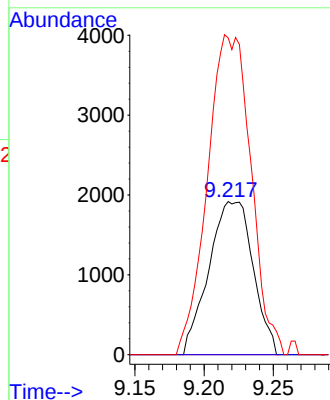
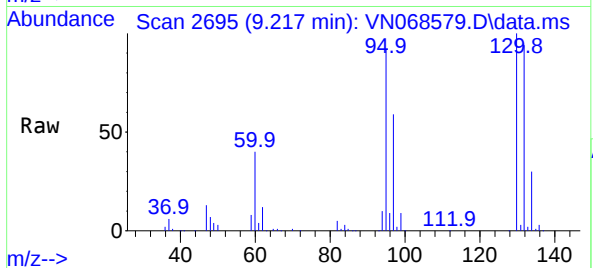
98 198.6 39.5 59.3#

Instrument :

MSVOA_N

ClientSampleId :

MW180D2-20210915DL



#44

Trichloroethene

Concen: 49.394 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.003 min

Lab File: VN068579.D

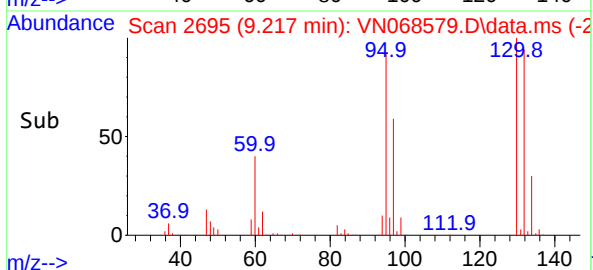
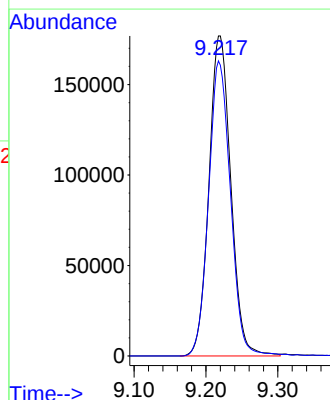
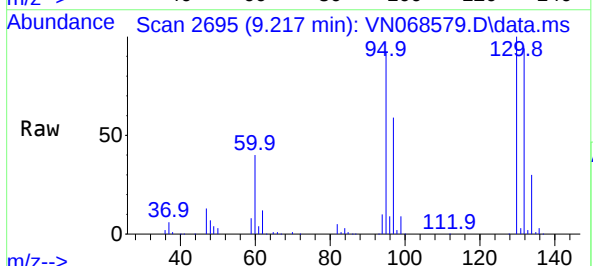
Acq: 21 Sep 2021 13:55

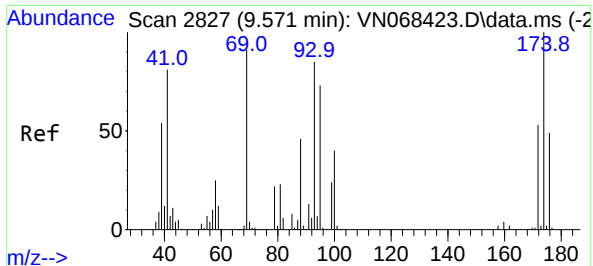
Tgt Ion:130 Resp: 374435

Ion Ratio Lower Upper

130 100

95 92.2 0.0 173.8

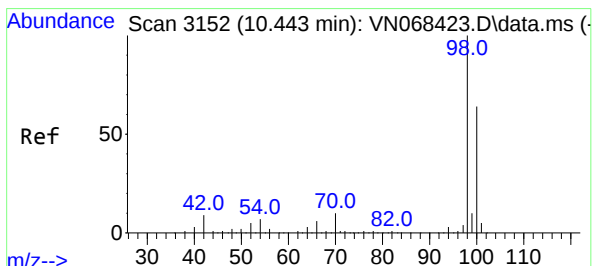
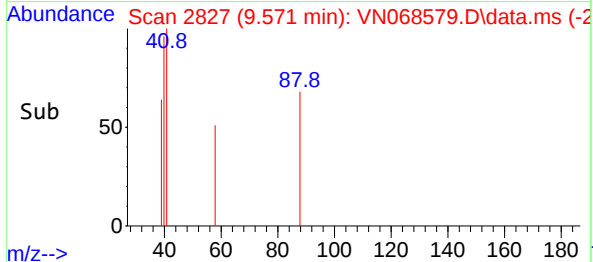
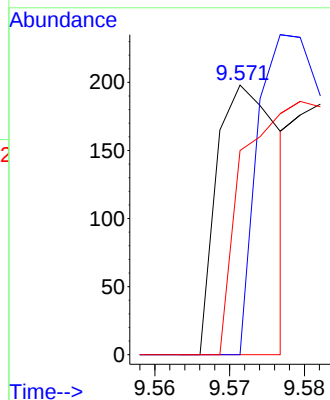
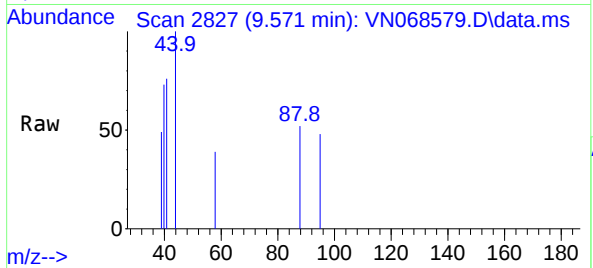




#49
1,4-Dioxane
Concen: 1.096 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

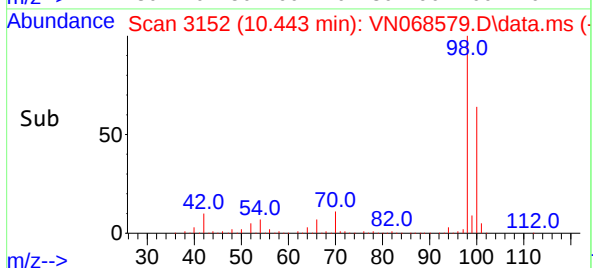
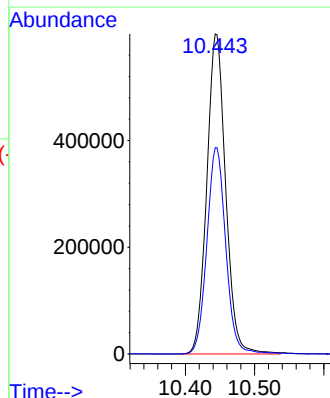
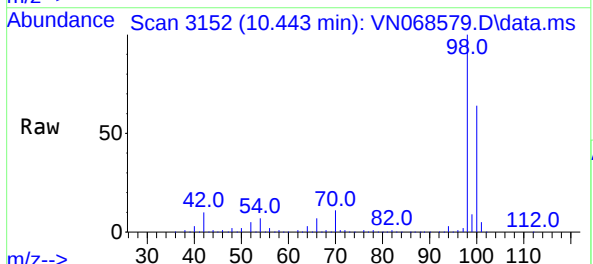
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

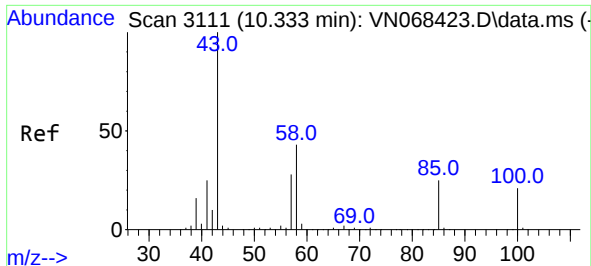
Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
43 119.3 18.9 28.3#
58 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 47.426 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 98 Resp: 1133420
Ion Ratio Lower Upper
98 100
100 64.7 51.0 76.6

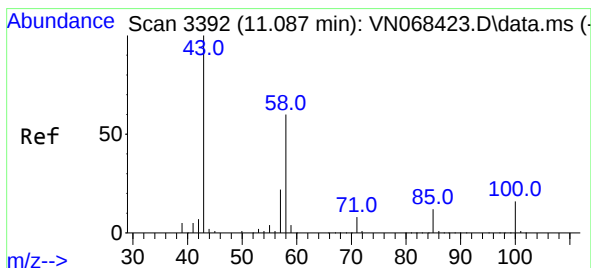
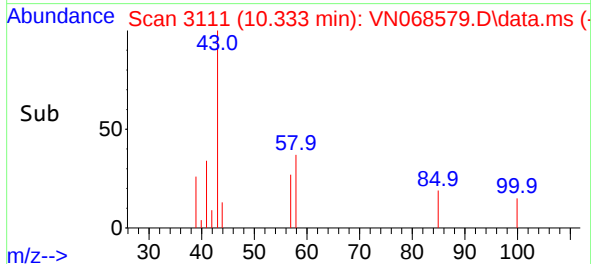
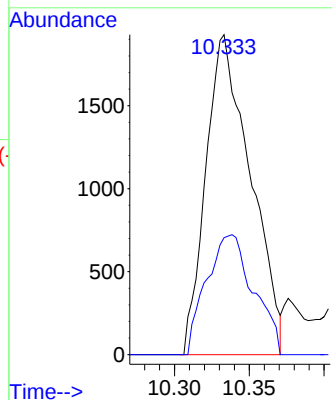
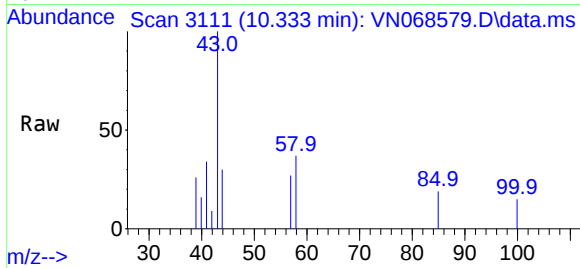




#51
4-Methyl-2-Pentanone
Concen: 0.646 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

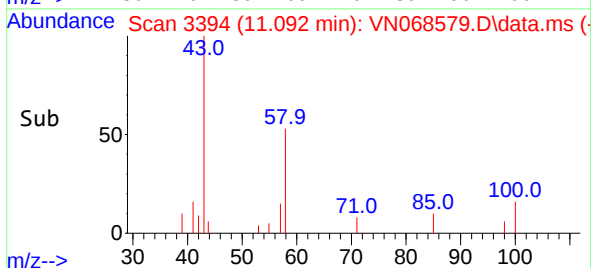
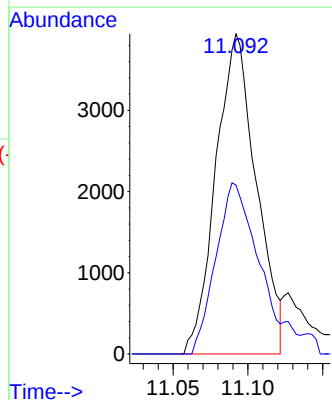
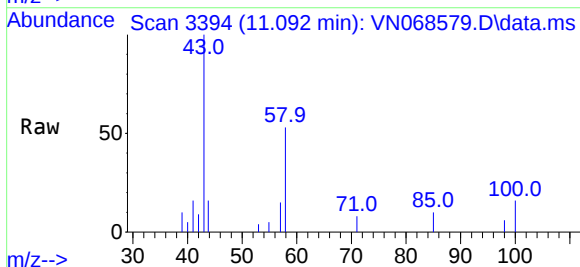
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

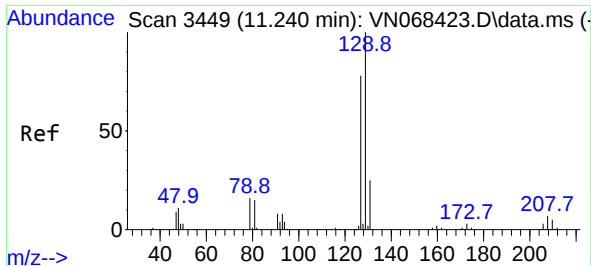
Tgt Ion: 43 Resp: 4006
Ion Ratio Lower Upper
43 100
58 39.5 34.3 51.5



#59
2-Hexanone
Concen: 1.787 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 43 Resp: 7415
Ion Ratio Lower Upper
43 100
58 58.4 30.0 90.1

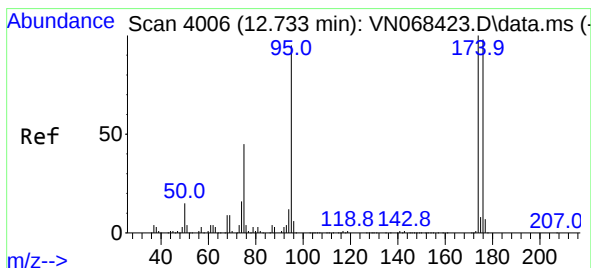
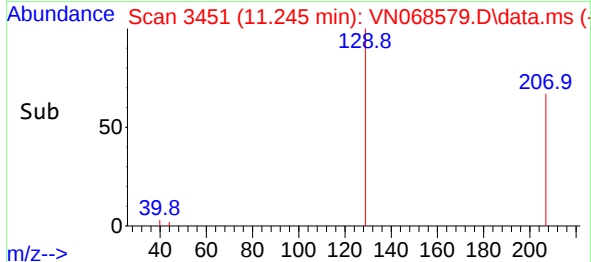
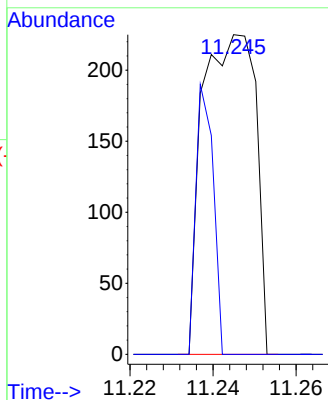
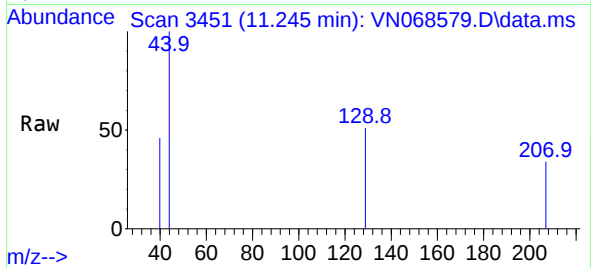




#60
Dibromochloromethane
Concen: 1.825 ug/l
RT: 11.245 min Scan# 3451
Delta R.T. 0.005 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

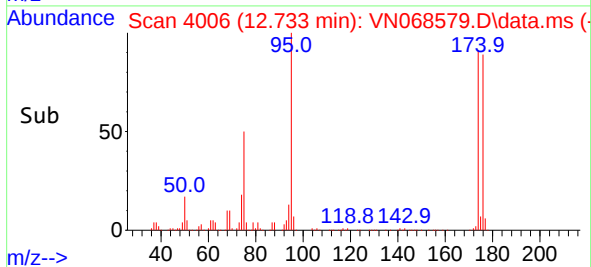
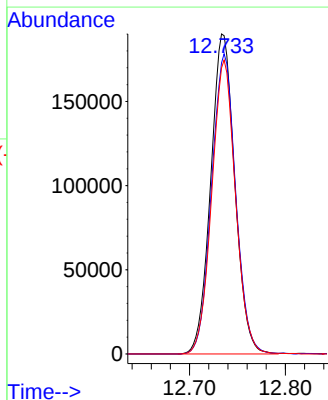
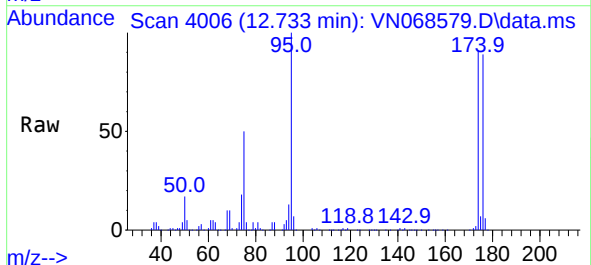
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

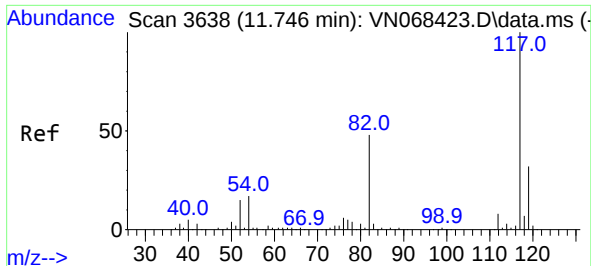
Tgt Ion:129 Resp: 199
Ion Ratio Lower Upper
129 100
127 27.6 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 42.507 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 95 Resp: 330895
Ion Ratio Lower Upper
95 100
174 94.2 0.0 214.0
176 90.7 0.0 205.4

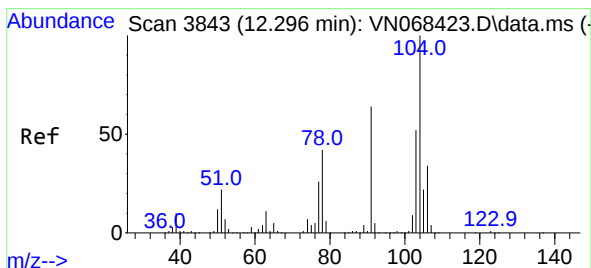
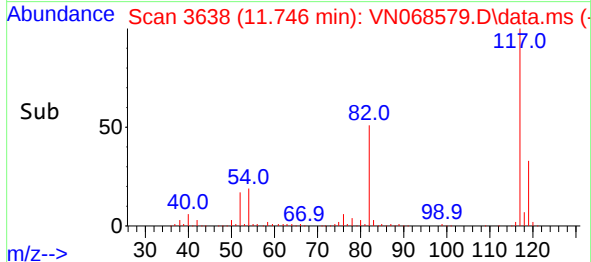
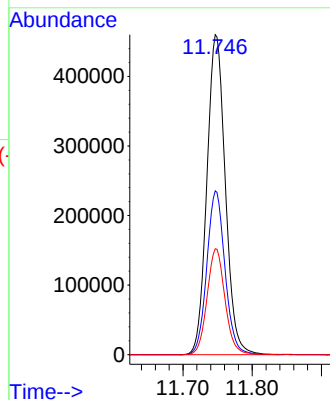
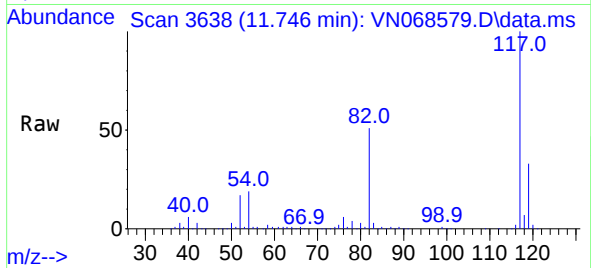




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

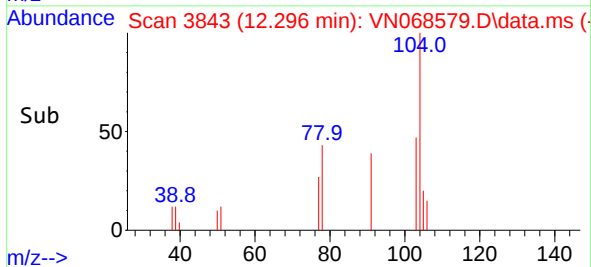
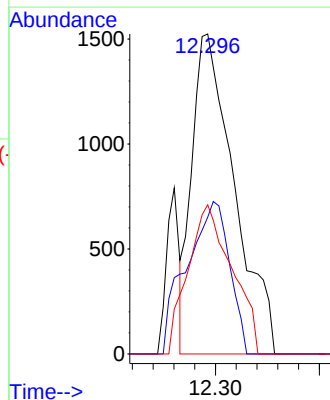
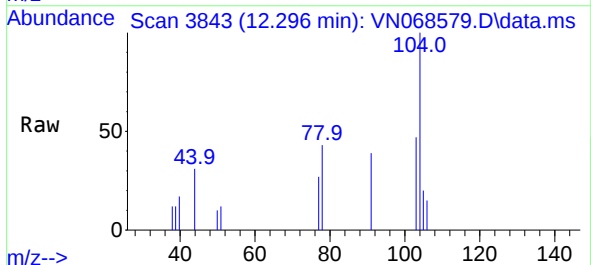
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

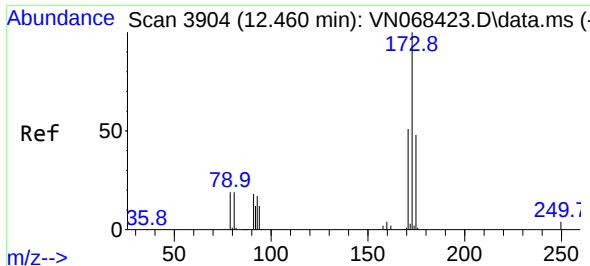
Tgt Ion:117 Resp: 850648
Ion Ratio Lower Upper
117 100
82 51.2 38.7 58.1
119 33.1 25.5 38.3



#70
Styrene
Concen: 1.859 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion:104 Resp: 2156
Ion Ratio Lower Upper
104 100
78 48.3 36.2 54.2
103 48.4 44.4 66.6

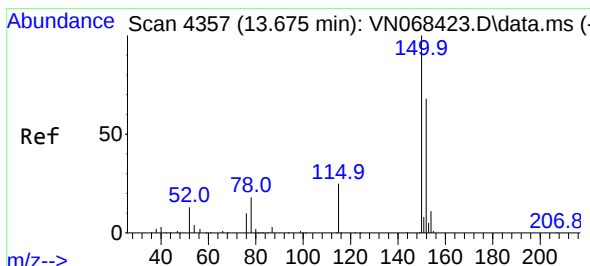
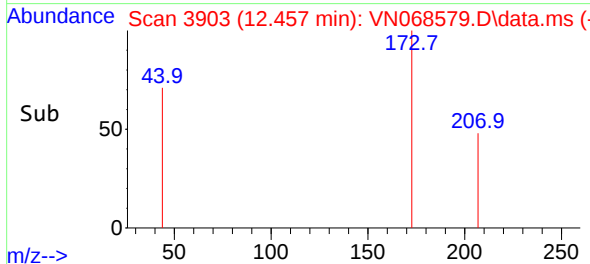
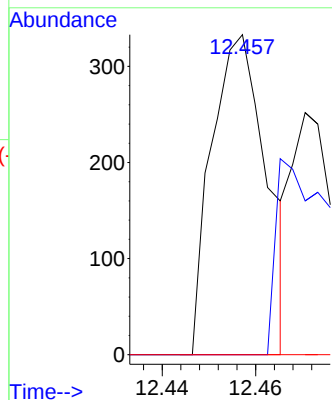
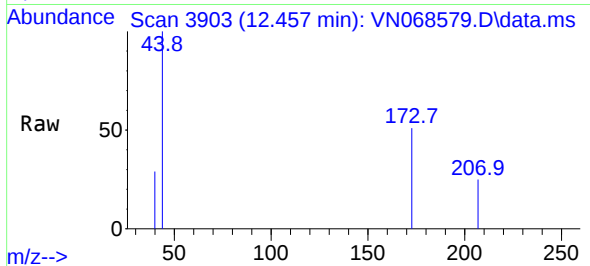




#71
Bromoform
Concen: 2.566 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

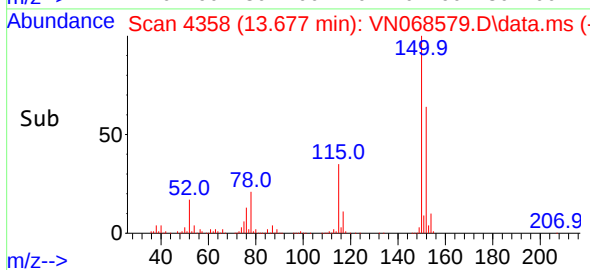
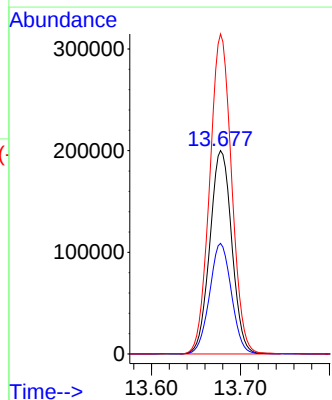
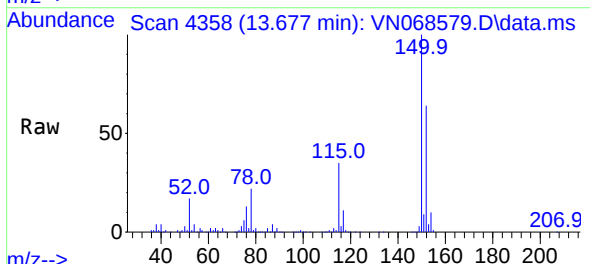
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

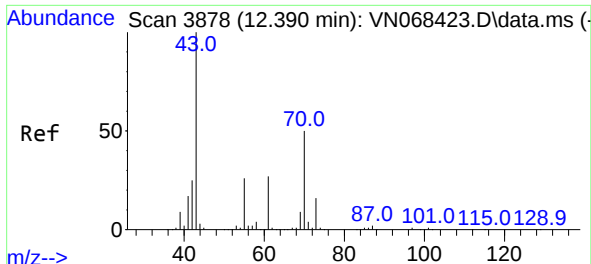
Tgt Ion:173 Resp: 270
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

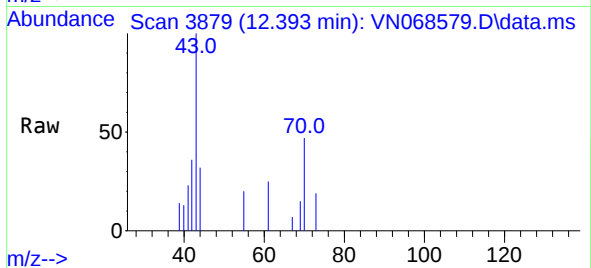
Tgt Ion:152 Resp: 343133
Ion Ratio Lower Upper
152 100
115 54.2 25.6 76.6
150 157.0 0.0 346.8



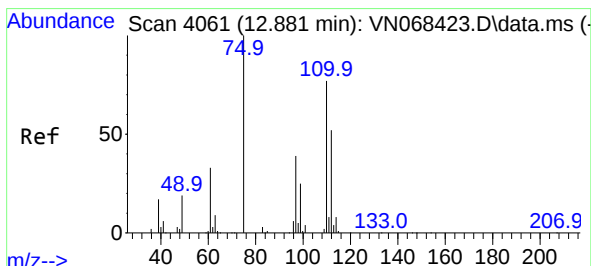
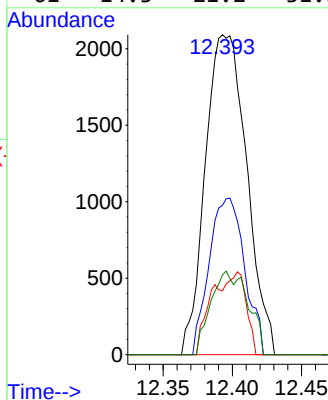
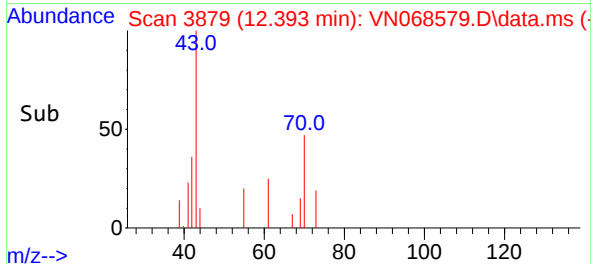


#74
N-amy1 acetate
Concen: 0.799 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

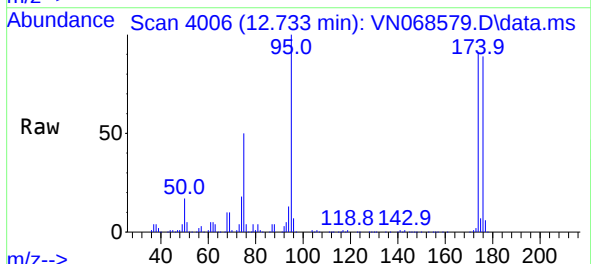
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL



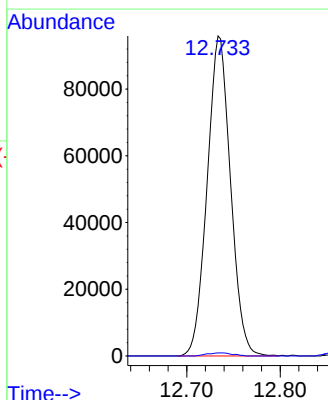
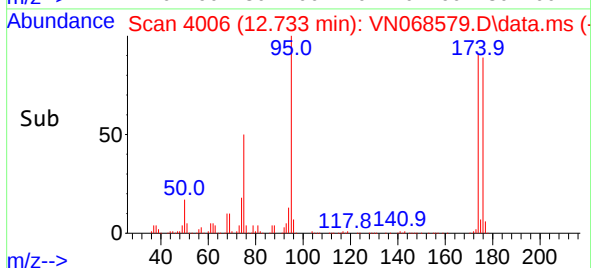
Tgt Ion: 43	Resp: 4350
Ion Ratio	Lower Upper
43	100
70	41.8 40.0 60.0
55	9.1 21.1 31.7#
61	14.3 21.2 31.8#

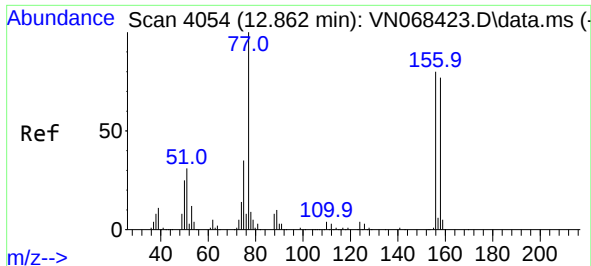


#76
1,2,3-Trichloropropane
Concen: 35.001 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55



Tgt Ion: 75	Resp: 166712
Ion Ratio	Lower Upper
75	100
77	1.0 100.9 302.7#

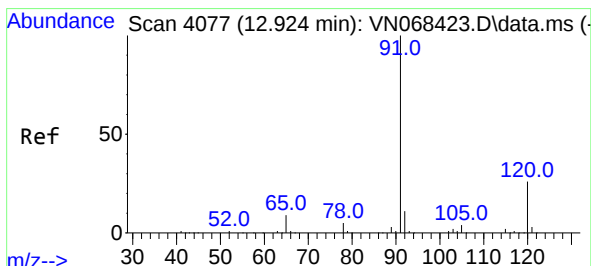
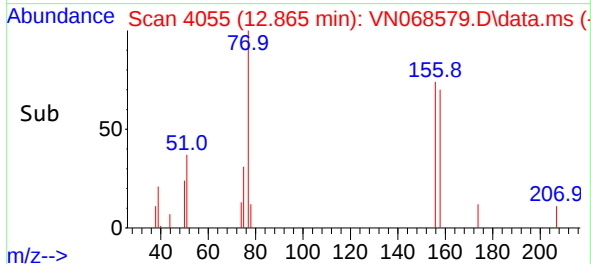
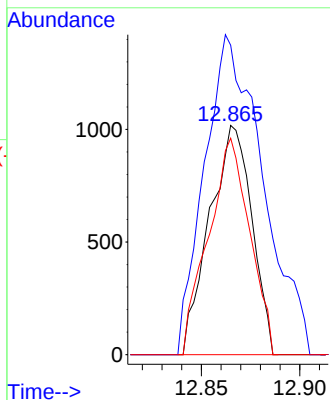
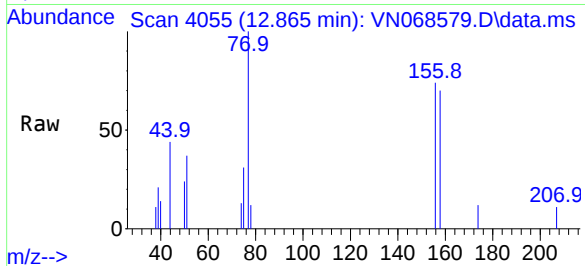




#77
Bromobenzene
Concen: 0.225 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

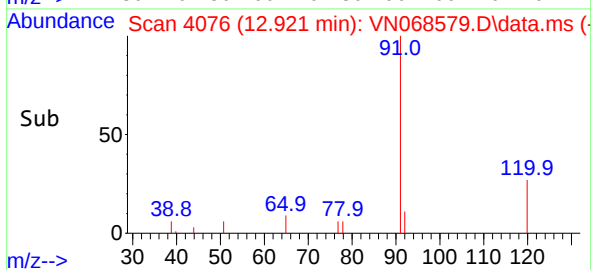
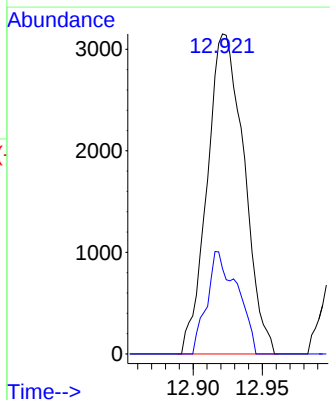
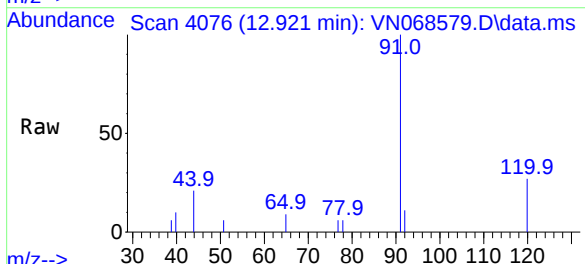
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

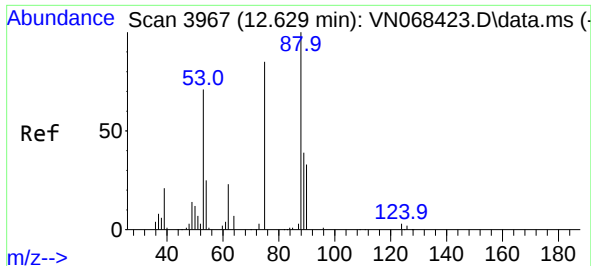
Tgt Ion:	156	Resp:	1517
Ion	Ratio	Lower	Upper
156	100		
77	192.9	73.0	219.0
158	92.2	49.0	147.2



#78
n-propylbenzene
Concen: 0.226 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion:	91	Resp:	5823
Ion	Ratio	Lower	Upper
91	100		
120	26.3	13.2	39.6

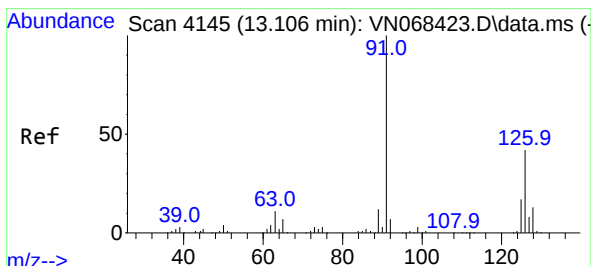
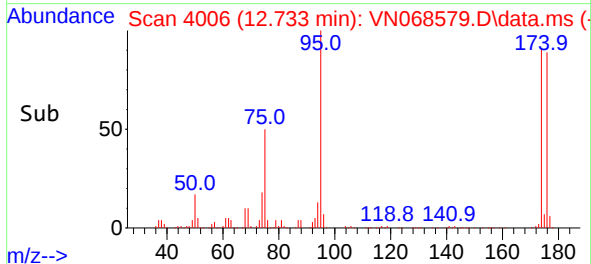
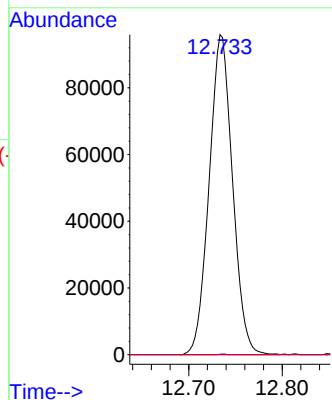
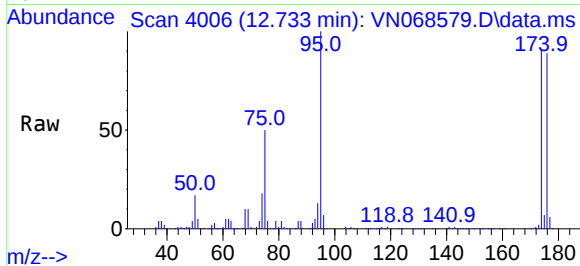




#81
trans-1,4-Dichloro-2-butene
Concen: 107.674 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

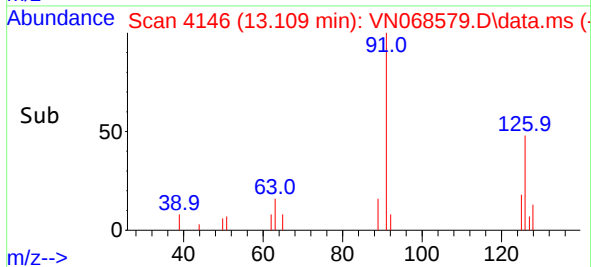
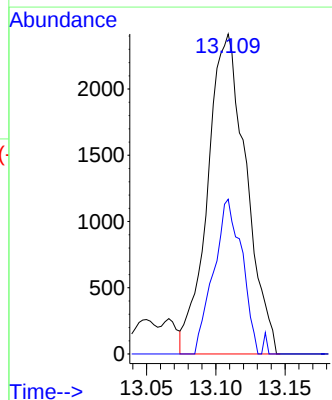
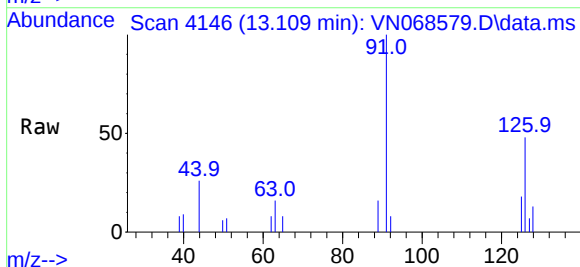
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

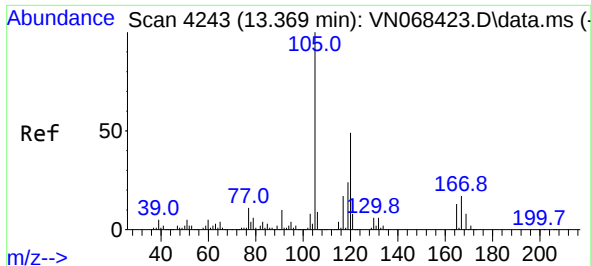
Tgt Ion: 75 Resp: 166712
Ion Ratio Lower Upper
75 100
53 0.1 70.6 105.8#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 0.304 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 91 Resp: 4662
Ion Ratio Lower Upper
91 100
126 35.6 19.8 59.3

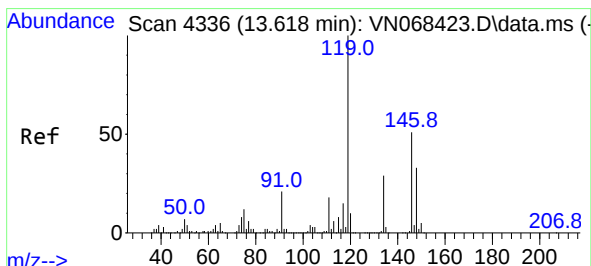
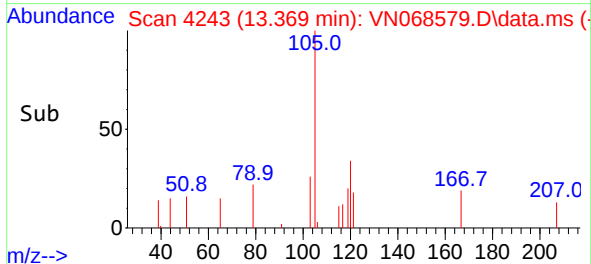
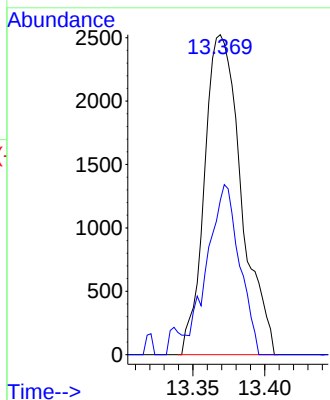
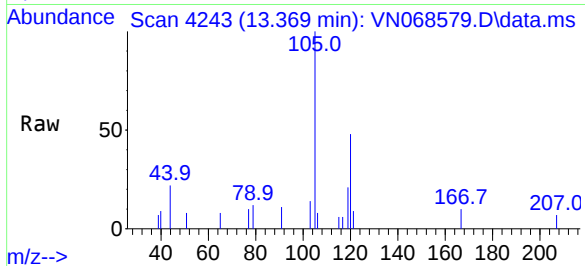




#84
1,2,4-Trimethylbenzene
Concen: 0.236 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

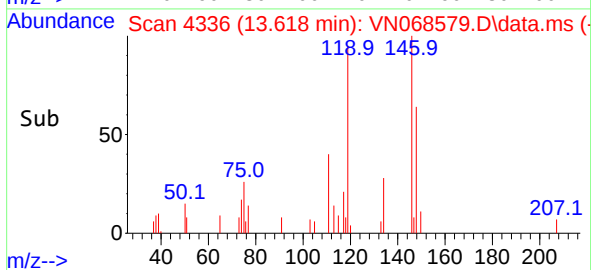
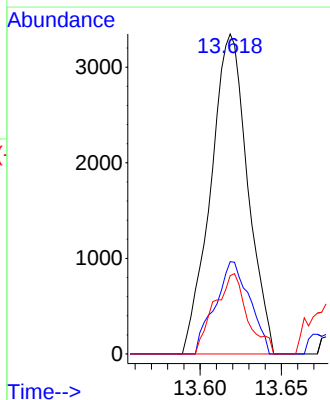
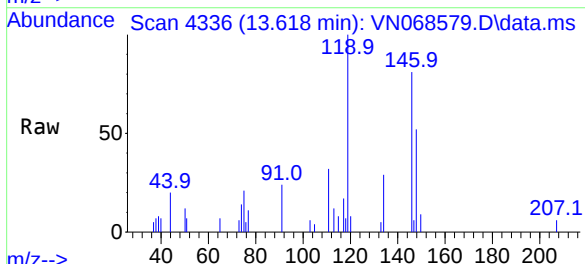
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

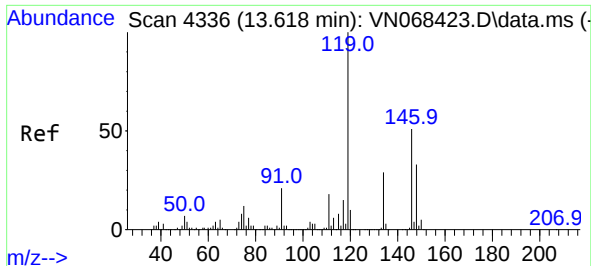
Tgt Ion:105 Resp: 4491
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9



#86
p-Isopropyltoluene
Concen: 0.262 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion:119 Resp: 5287
Ion Ratio Lower Upper
119 100
134 27.0 14.1 42.4
91 22.6 10.6 31.8



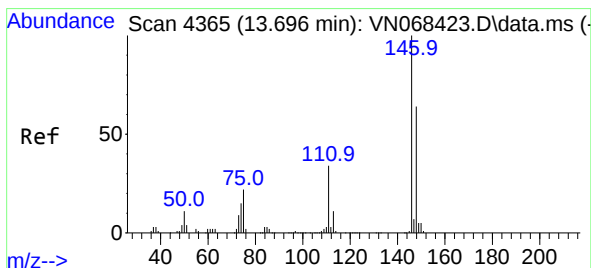
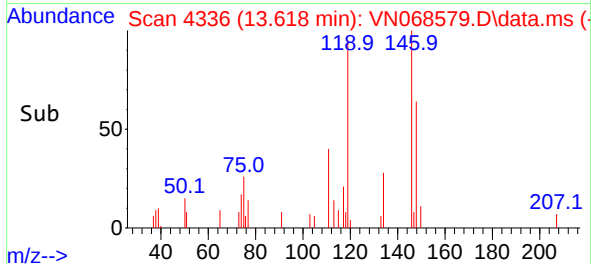
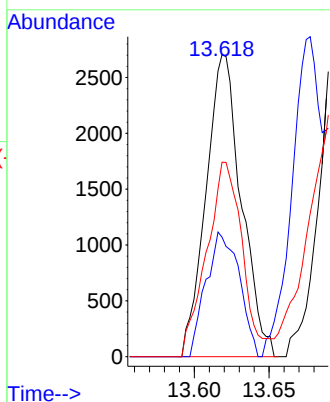
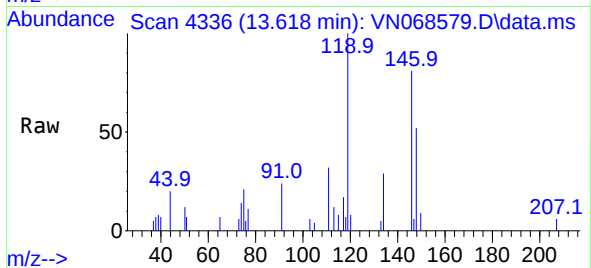


#87

1,3-Dichlorobenzene
Concen: 0.380 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

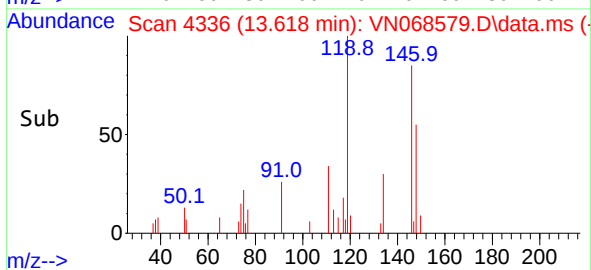
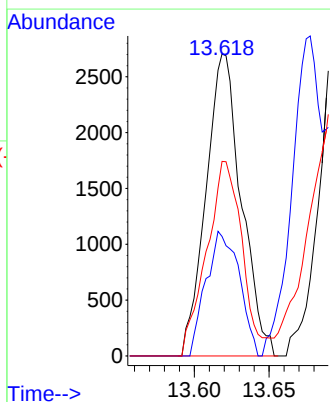
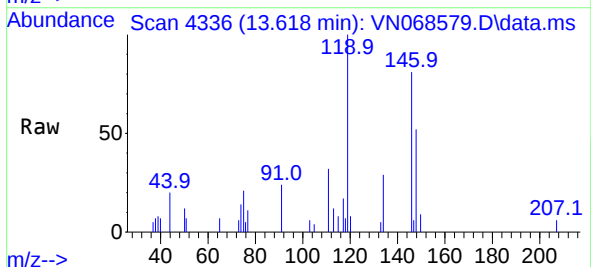
Tgt Ion:146	Resp:	4453
Ion Ratio	Lower	Upper
146	100	
111	38.8	17.6 52.8
148	65.0	32.1 96.3

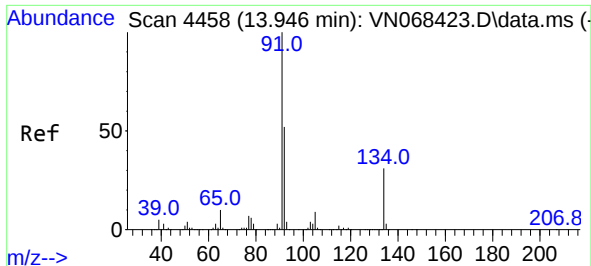


#88

1,4-Dichlorobenzene
Concen: 0.386 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.078 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion:146	Resp:	4453
Ion Ratio	Lower	Upper
146	100	
111	38.8	17.2 51.6
148	65.0	31.9 95.7

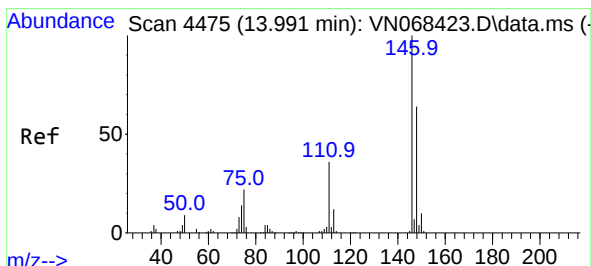
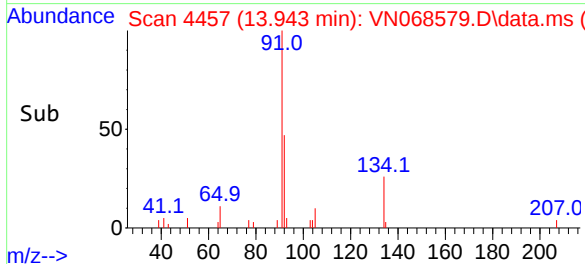
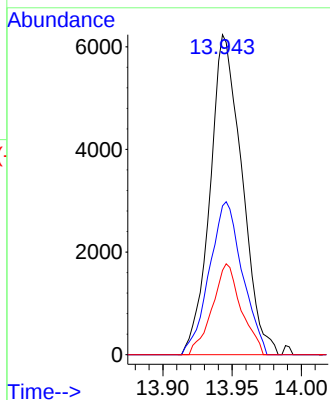
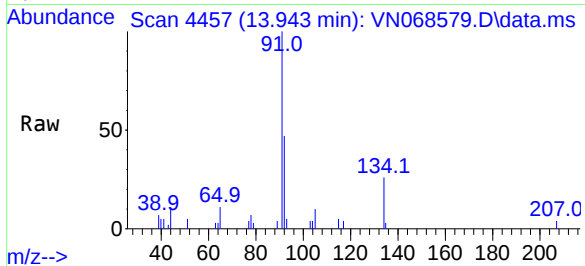




#89
n-Butylbenzene
Concen: 0.679 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

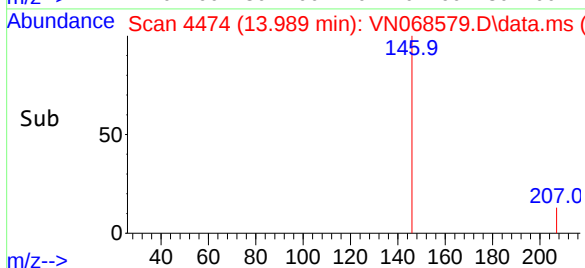
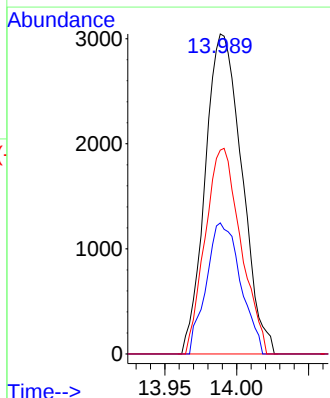
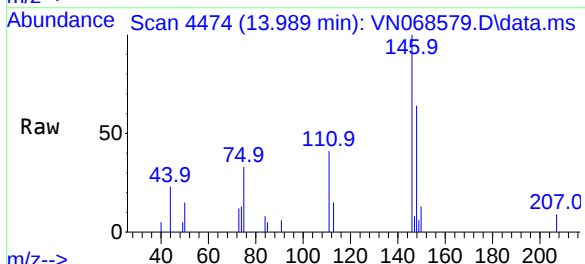
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

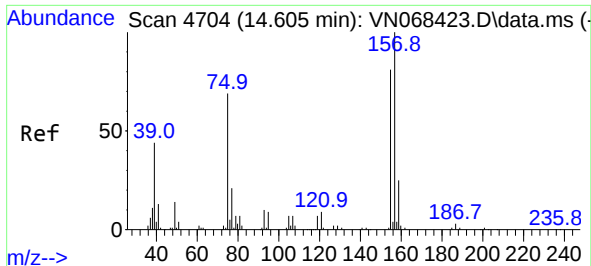
Tgt Ion:	91	Resp:	9970
Ion	Ratio	Lower	Upper
91	100		
92	49.7	26.0	78.0
134	25.8	15.4	46.2



#91
1,2-Dichlorobenzene
Concen: 0.477 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion:	146	Resp:	5390
Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.3
148	62.4	32.1	96.5

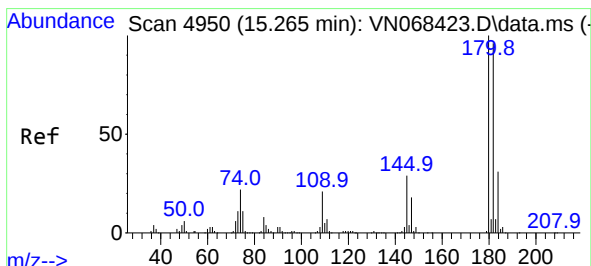
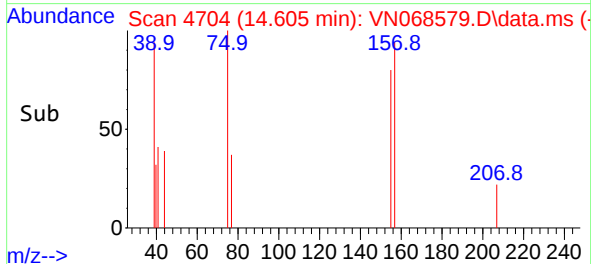
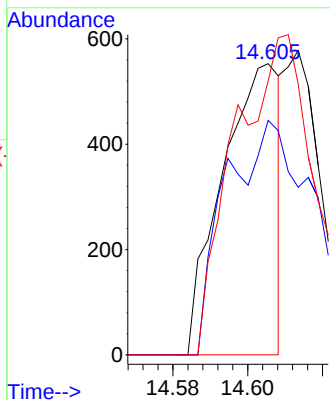
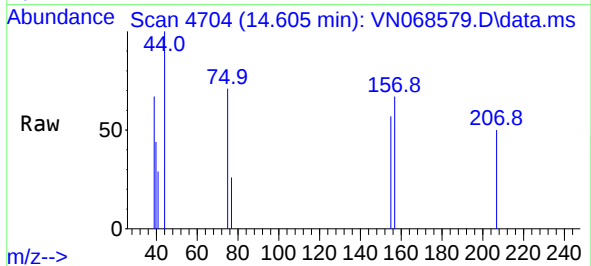




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.541 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

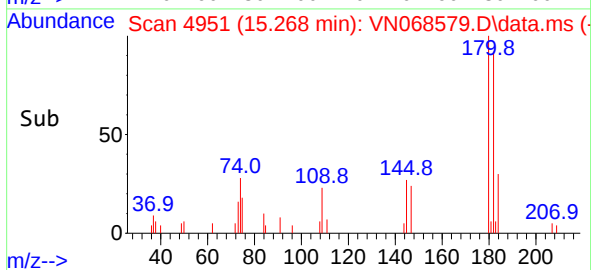
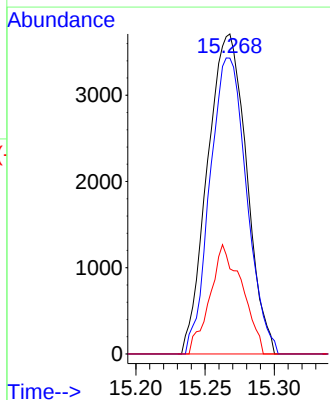
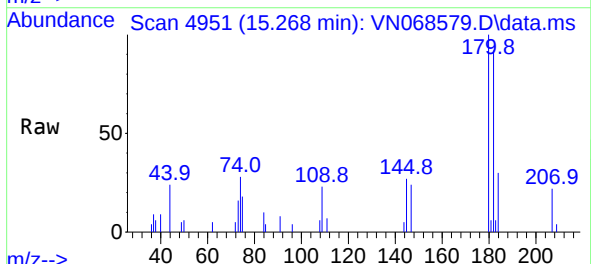
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

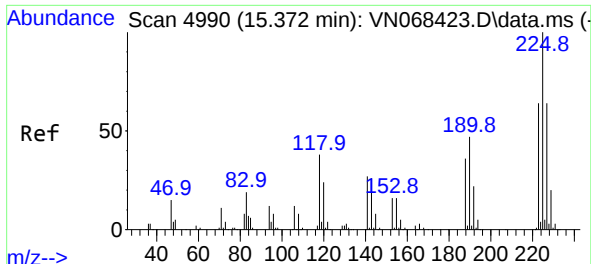
Tgt Ion: 75 Resp: 588
Ion Ratio Lower Upper
75 100
155 116.7 56.9 170.7
157 150.5 73.0 219.2



#93
1,2,4-Trichlorobenzene
Concen: 4.027 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 180 Resp: 7278
Ion Ratio Lower Upper
180 100
182 86.7 47.5 142.6
145 28.2 14.1 42.4

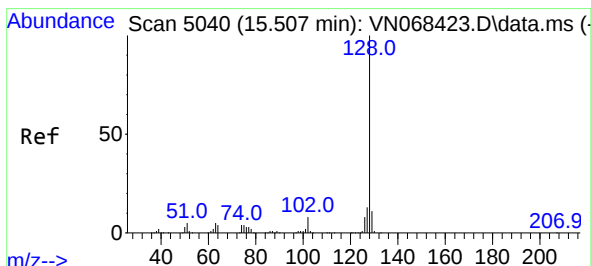
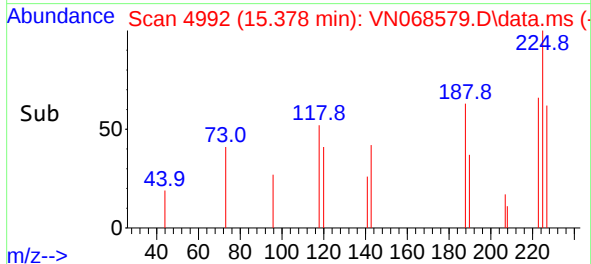
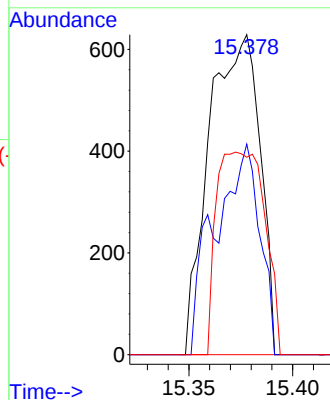
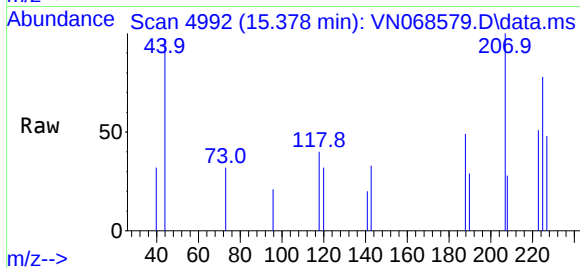




#94
Hexachlorobutadiene
Concen: 0.320 ug/l
RT: 15.378 min Scan# 4992
Delta R.T. 0.006 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

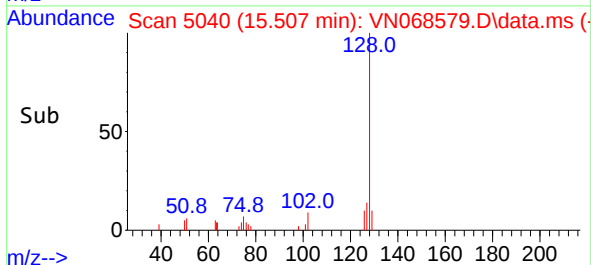
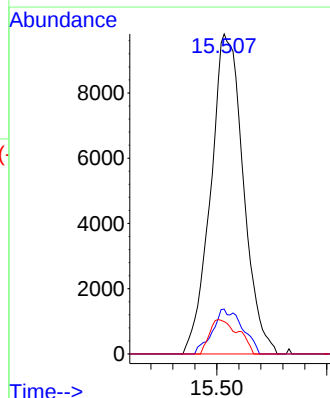
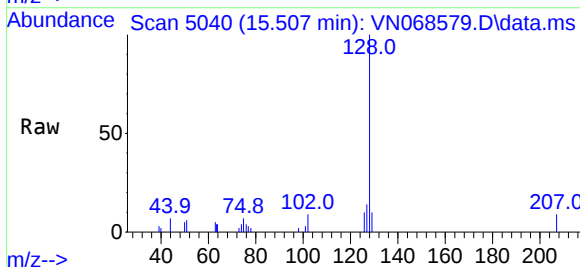
Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

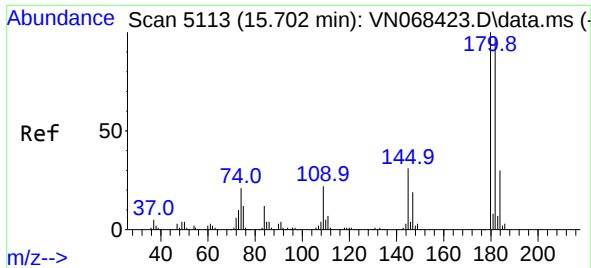
Tgt Ion:	225	Resp:	1068
Ion	Ratio	Lower	Upper
225	100		
223	40.8	32.0	96.2
227	60.3	31.9	95.5



#95
Naphthalene
Concen: 4.879 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion:	128	Resp:	20193
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	9.4	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 4.192 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN068579.D
 Acq: 21 Sep 2021 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW180D2-20210915DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.0	47.9	143.6
145	11.5	15.2	45.5#

