

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068139.D
 Acq On : 17 Aug 2021 12:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 17 13:16:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	483972	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	775006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	773431	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	313248	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	252576	48.878	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.760%
35) Dibromofluoromethane	8.024	113	236317	48.568	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.140%
50) Toluene-d8	10.443	98	935335	50.450	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.733	95	313579	50.808	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.620%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.075	85	1371	0.358	ug/l	80
3) Chloromethane	2.306	50	1274	0.294	ug/l	# 76
5) Bromomethane	2.877	94	3878	Below Cal		87
6) Chloroethane	3.003	64	140	Below Cal	#	16
7) Trichlorofluoromethane	3.373	101	2974	0.223	ug/l	96
9) 1,1,2-Trichlorotrifluoro...	4.208	101	1125	0.276	ug/l	# 54
10) Methyl Iodide	4.430	142	2242	0.386	ug/l	# 53
13) Acrolein	4.039	56	1117	Below Cal		98
15) Acrylonitrile	5.548	53	806	0.444	ug/l	# 28
16) Acetone	4.293	43	1302	0.863	ug/l	# 87
17) Carbon Disulfide	4.527	76	10705	1.055	ug/l	99
18) Methyl Acetate	4.870	43	5944	Below Cal	#	86
20) Methylene Chloride	5.087	84	787	Below Cal	#	39
25) 2-Butanone	7.345	43	3948	1.679	ug/l	# 76
31) Cyclohexane	8.088	56	9386	1.379	ug/l	# 10
36) 1,1-Dichloropropene	8.222	75	2276	0.359	ug/l	# 82
38) Carbon Tetrachloride	8.088	117	43863	6.003	ug/l	# 16
42) 1,2-Dichloroethane	8.536	62	1652	0.251	ug/l	# 79
44) Trichloroethene	9.215	130	2343	0.403	ug/l	78
48) Methyl methacrylate	9.561	41	1283	0.356	ug/l	96
49) 1,4-Dioxane	9.571	88	713	8.188	ug/l	# 51
51) 4-Methyl-2-Pentanone	10.339	43	9507	1.790	ug/l	97
52) Toluene	10.507	92	2891	0.219	ug/l	100
53) t-1,3-Dichloropropene	10.725	75	1417	0.209	ug/l	# 86
55) 1,1,2-Trichloroethane	10.899	97	1387	0.263	ug/l	# 75
56) Ethyl methacrylate	10.768	69	2541	0.376	ug/l	# 83
58) 2-Chloroethyl Vinyl ether	10.054	63	176	18.722	ug/l	# 50
59) 2-Hexanone	11.092	43	17192	4.662	ug/l	90
64) Tetrachloroethene	10.977	164	2546	0.426	ug/l	# 68
65) Chlorobenzene	11.776	112	6328	0.400	ug/l	94
67) Ethyl Benzene	11.848	91	8747	0.335	ug/l	96
68) m/p-Xylenes	11.961	106	7399	0.708	ug/l	82
69) o-Xylene	12.283	106	2760	0.273	ug/l	77
70) Styrene	12.296	104	7028	0.435	ug/l	# 85
71) Bromoform	12.463	173	1308	0.273	ug/l	# 91
73) Isopropylbenzene	12.581	105	7960	0.357	ug/l	87

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

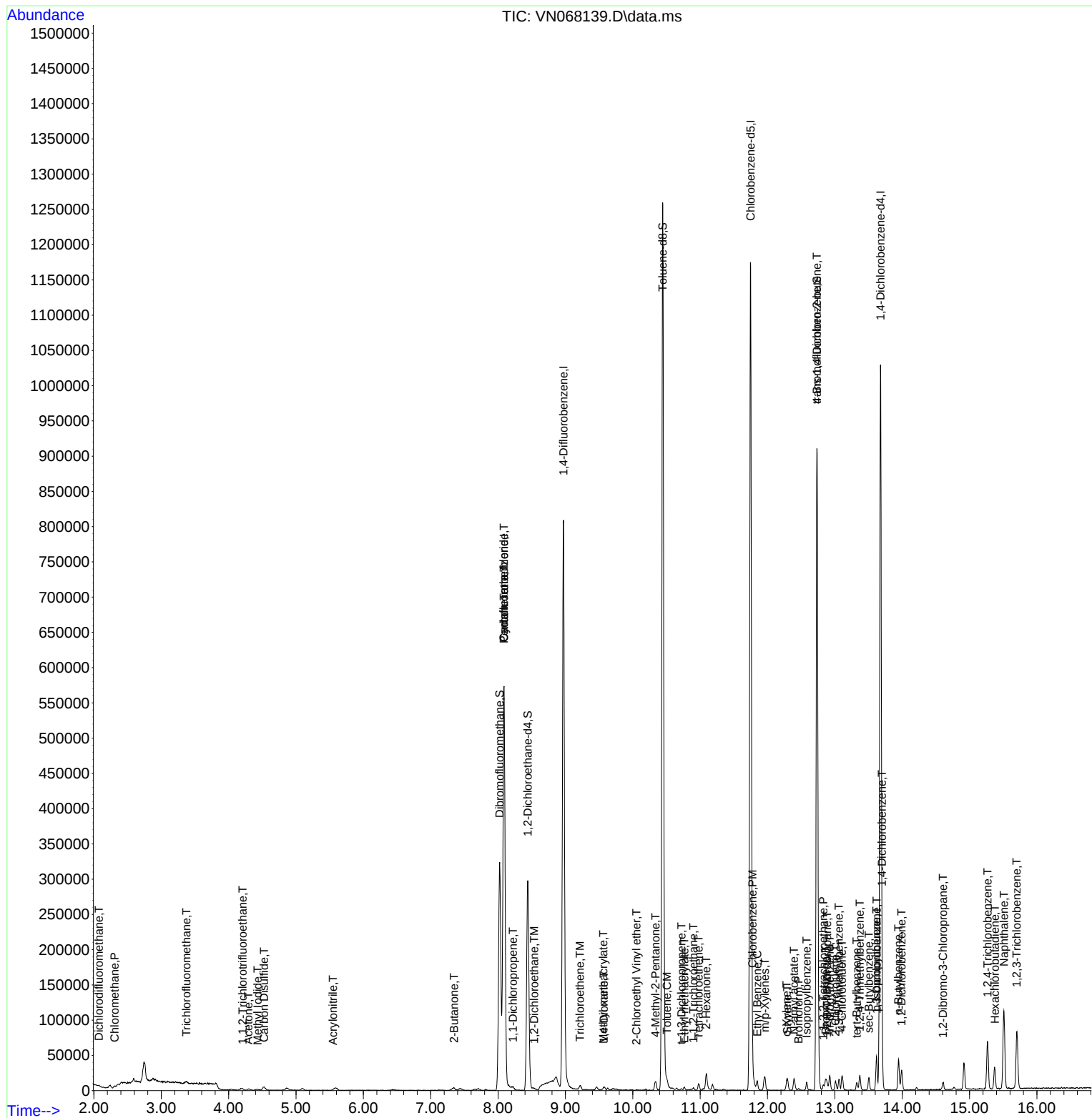
74) N-amyl acetate	12.393	43	10025	1.728	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	3930	0.588	ug/l	97
76) 1,2,3-Trichloropropane	12.884	75	5167	0.992	ug/l #	100
77) Bromobenzene	12.865	156	4608	0.751	ug/l	53
78) n-propylbenzene	12.924	91	17084	0.715	ug/l	93
79) 2-Chlorotoluene	13.010	91	8328	0.563	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	8663	0.481	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.733	75	156050	98.194	ug/l #	6
82) 4-Chlorotoluene	13.106	91	13480	0.940	ug/l	86
83) tert-Butylbenzene	13.324	119	6058	0.379	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	12052	0.685	ug/l	94
85) sec-Butylbenzene	13.506	105	13331	0.633	ug/l	98
86) p-Isopropyltoluene	13.619	119	13003	0.748	ug/l	92
87) 1,3-Dichlorobenzene	13.621	146	12278	1.173	ug/l	91
88) 1,4-Dichlorobenzene	13.699	146	15867	1.497	ug/l	77
89) n-Butylbenzene	13.946	91	24909	1.920	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	13486	1.353	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.606	75	2694	2.662	ug/l #	73
93) 1,2,4-Trichlorobenzene	15.268	180	25779	7.353	ug/l	94
94) Hexachlorobutadiene	15.375	225	6969	2.582	ug/l	95
95) Naphthalene	15.509	128	108187	11.554	ug/l	97
96) 1,2,3-Trichlorobenzene	15.700	180	31941	8.905	ug/l	97

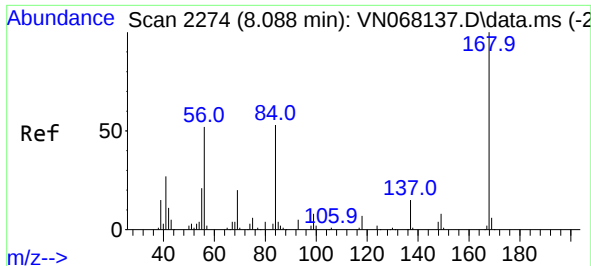
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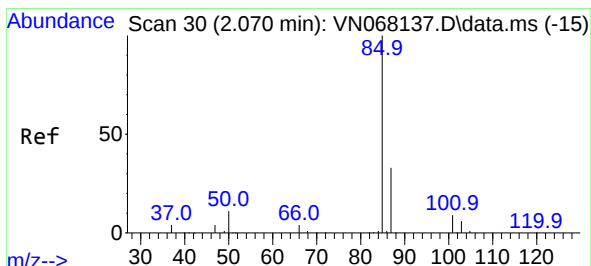
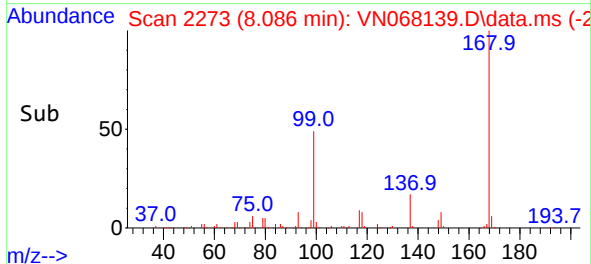
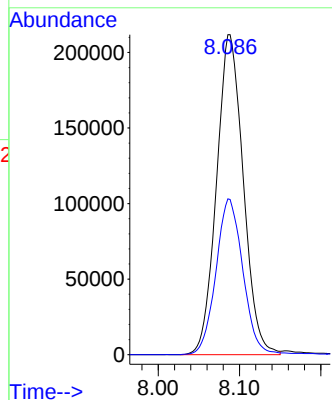
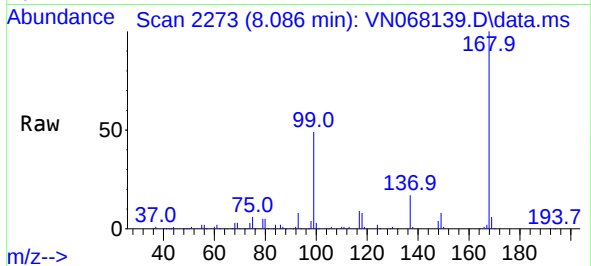




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

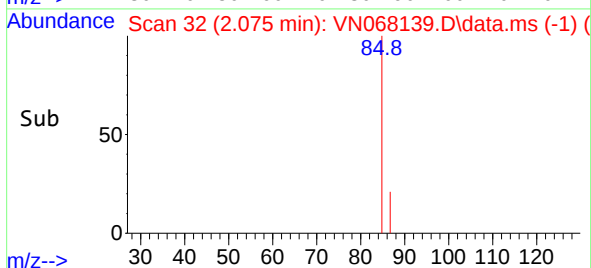
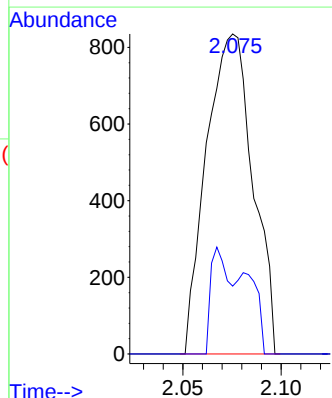
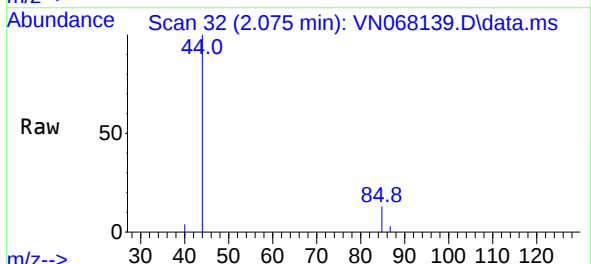
Instrument :
MSVOA_N
ClientSampled :
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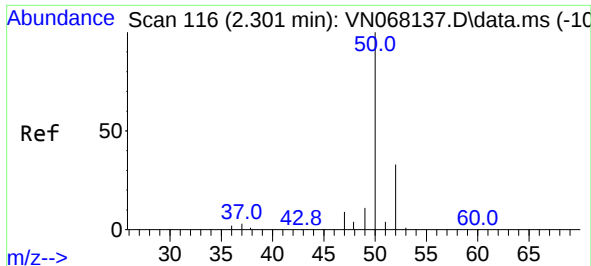
Tgt Ion:168 Resp: 483972
Ion Ratio Lower Upper
168 100
99 48.7 62.9 94.3#



#2
Dichlorodifluoromethane
Concen: 0.358 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.005 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 85 Resp: 1371
Ion Ratio Lower Upper
85 100
87 21.2 16.1 48.2

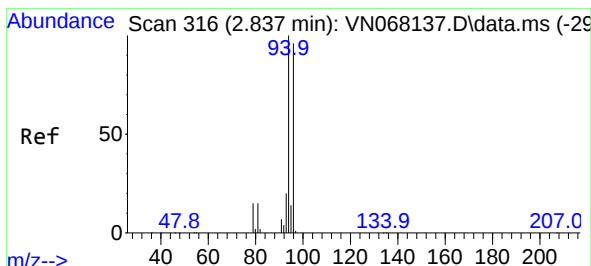
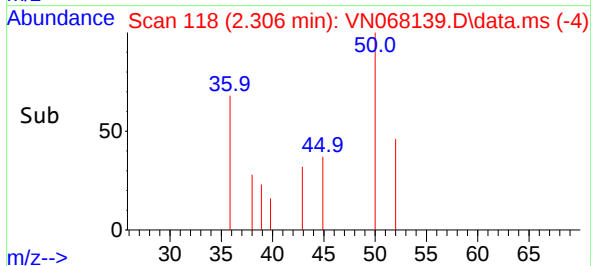
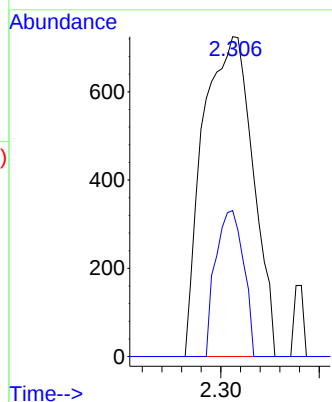
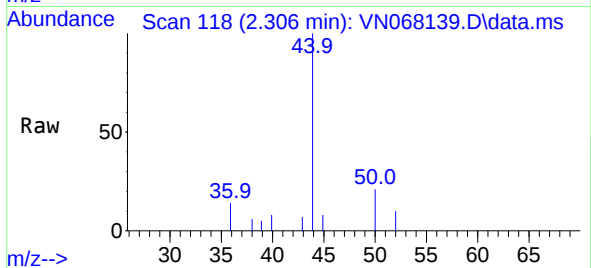




#3
Chloromethane
Concen: 0.294 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

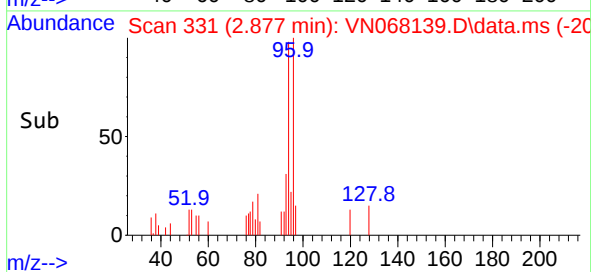
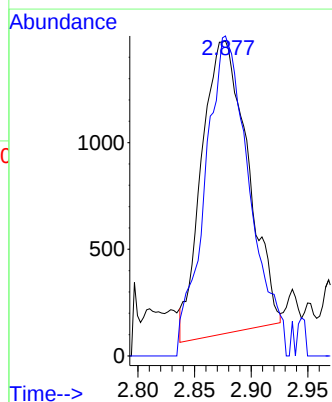
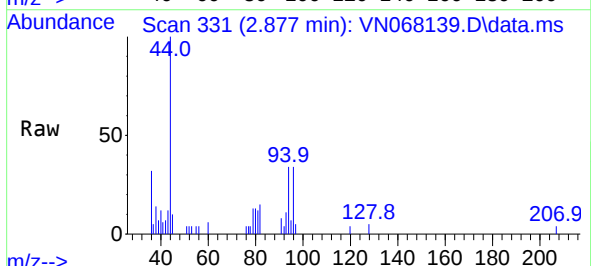
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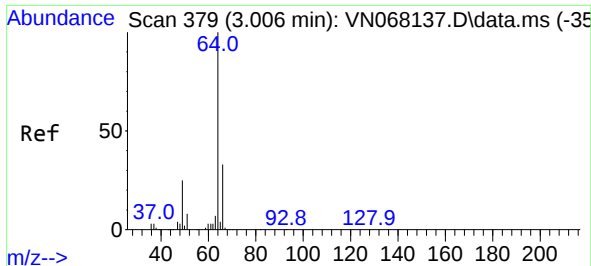
Tgt Ion: 50 Resp: 1274
Ion Ratio Lower Upper
50 100
52 45.7 25.6 38.4#



#5
Bromomethane
Concen: Below Cal
RT: 2.877 min Scan# 331
Delta R.T. 0.040 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 94 Resp: 3878
Ion Ratio Lower Upper
94 100
96 104.1 73.7 110.5

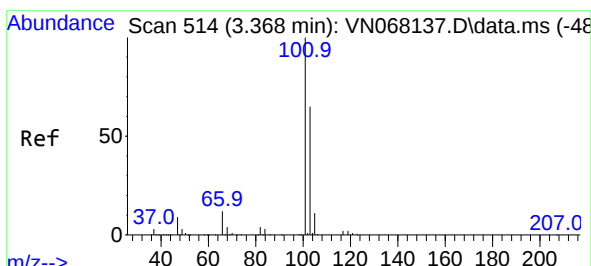
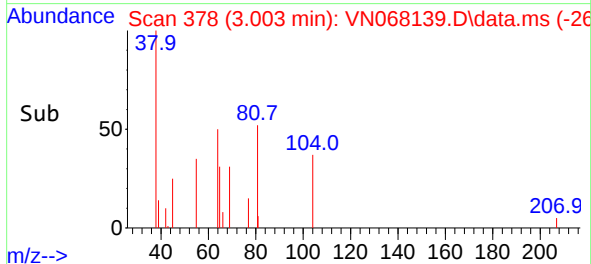
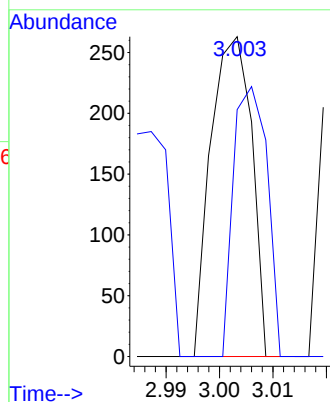
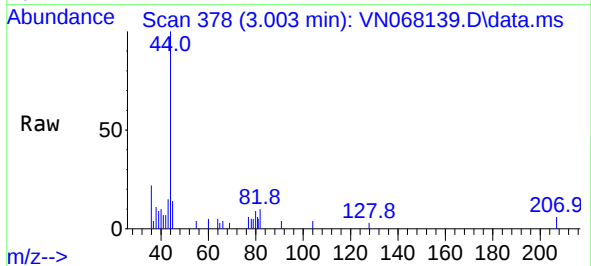




#6
Chloroethane
Concen: Below Cal
RT: 3.003 min Scan# 378
Delta R.T. -0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

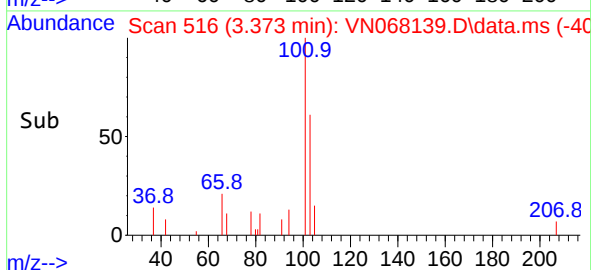
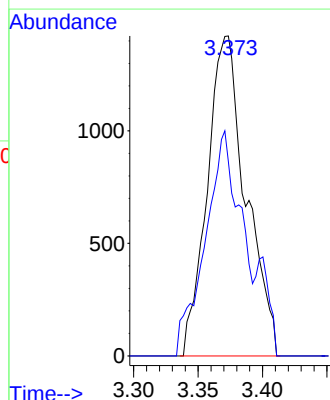
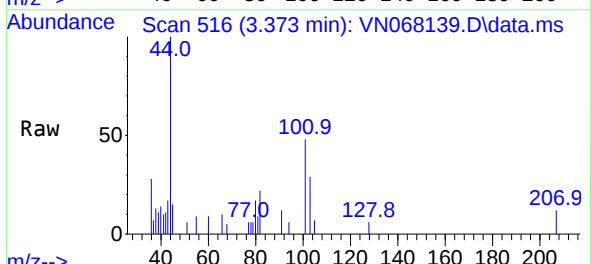
Instrument :
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ClientSampleId :
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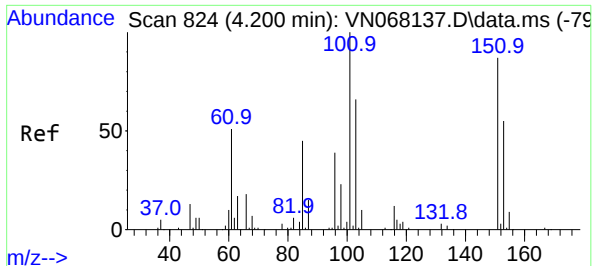
Tgt Ion: 64 Resp: 140
Ion Ratio Lower Upper
64 100
66 77.2 24.7 37.1#



#7
Trichlorofluoromethane
Concen: 0.223 ug/l
RT: 3.373 min Scan# 516
Delta R.T. 0.005 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 101 Resp: 2974
Ion Ratio Lower Upper
101 100
103 60.8 51.2 76.8

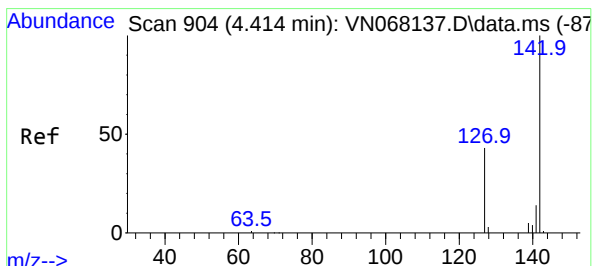
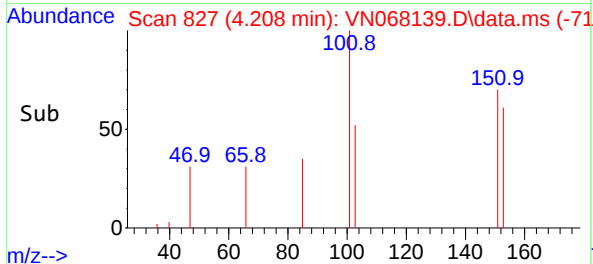
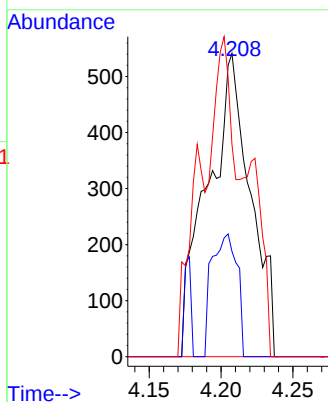
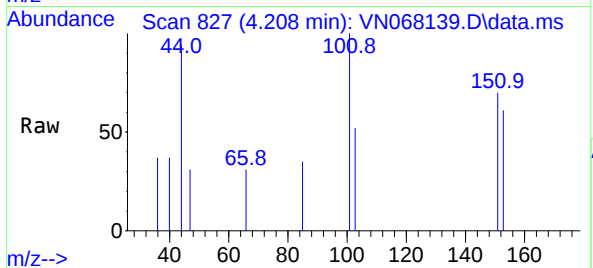




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.276 ug/l
RT: 4.208 min Scan# 827
Delta R.T. 0.008 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

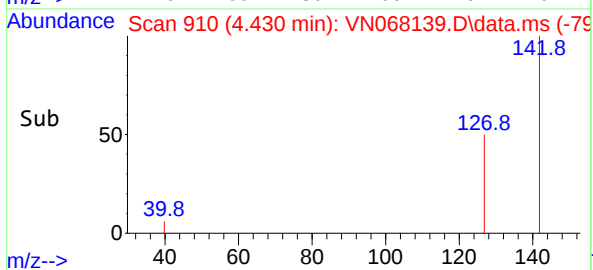
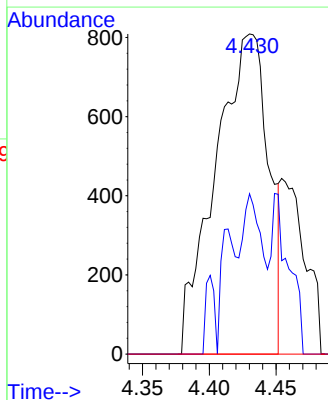
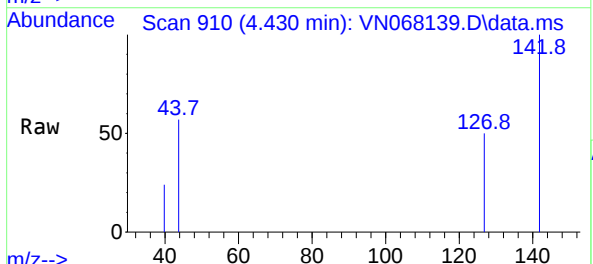
Instrument :
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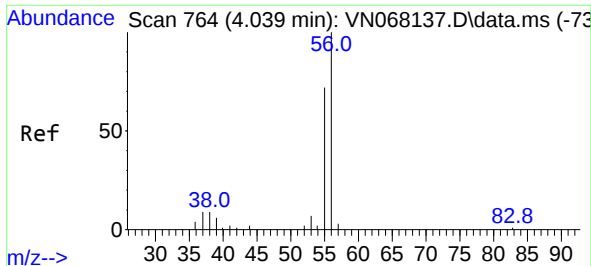
Tgt Ion:	101	Resp:	1125
Ion	Ratio	Lower	Upper
101	100		
85	23.7	39.6	59.4#
151	26.0	54.1	81.1#



#10
Methyl Iodide
Concen: 0.386 ug/l
RT: 4.430 min Scan# 910
Delta R.T. 0.016 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:	142	Resp:	2242
Ion	Ratio	Lower	Upper
142	100		
127	18.2	43.1	64.7#
141	0.0	11.4	17.0#

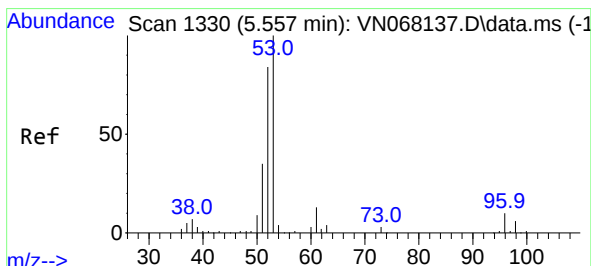
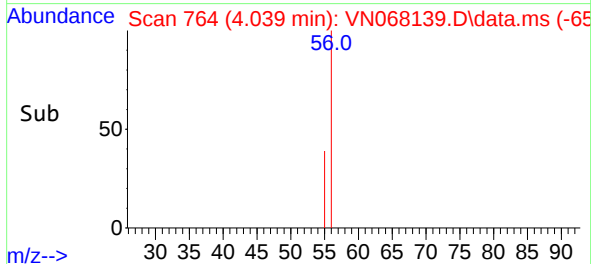
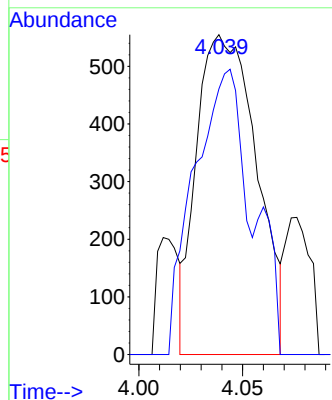
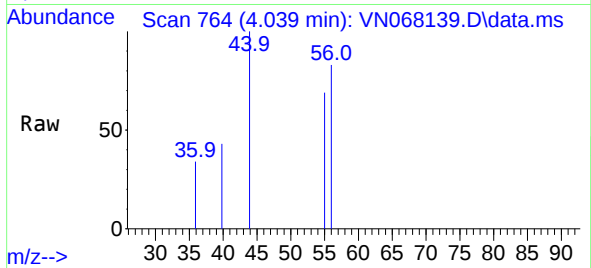




#13
Acrolein
Concen: Below Cal
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

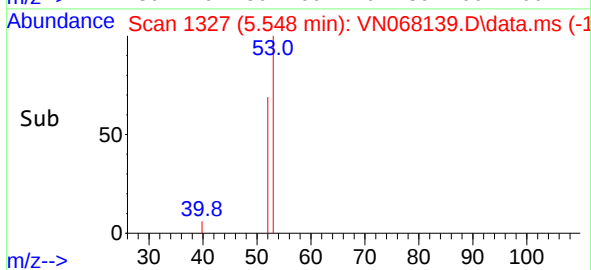
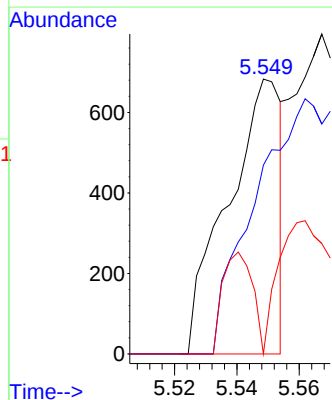
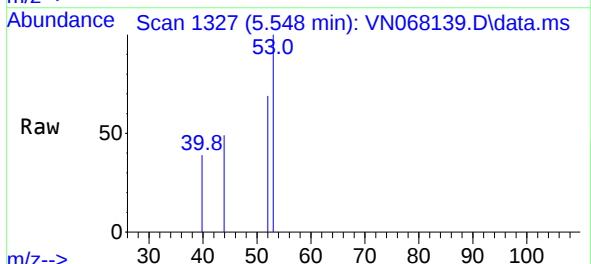
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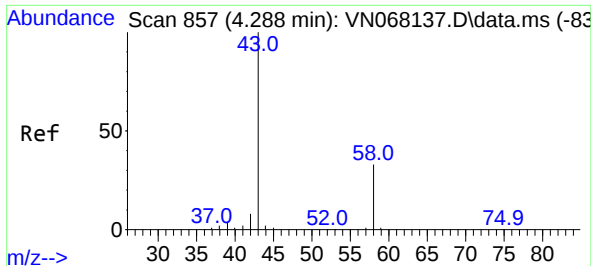
Tgt Ion: 56 Resp: 1117
Ion Ratio Lower Upper
56 100
55 73.0 57.4 86.0



#15
Acrylonitrile
Concen: 0.444 ug/l
RT: 5.548 min Scan# 1327
Delta R.T. -0.009 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 53 Resp: 806
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 20.7 30.2 45.4#

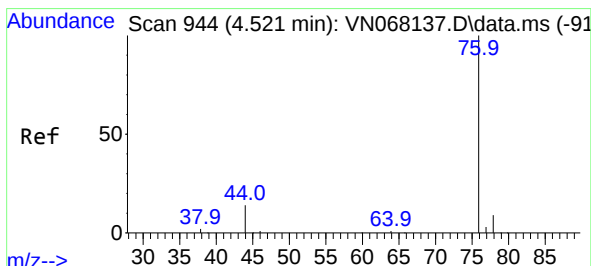
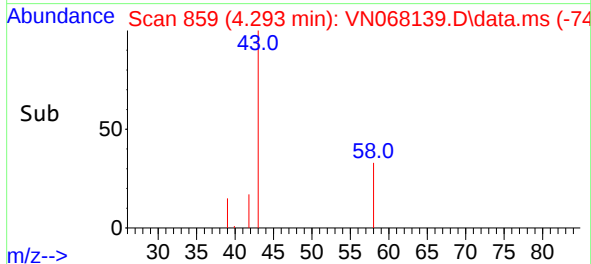
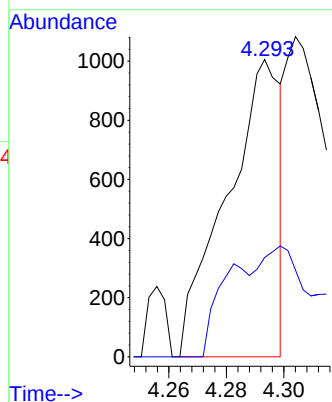
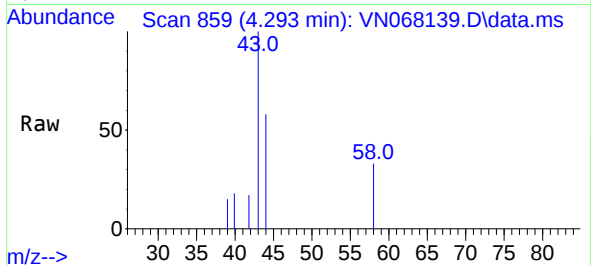




#16
Acetone
Concen: 0.863 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
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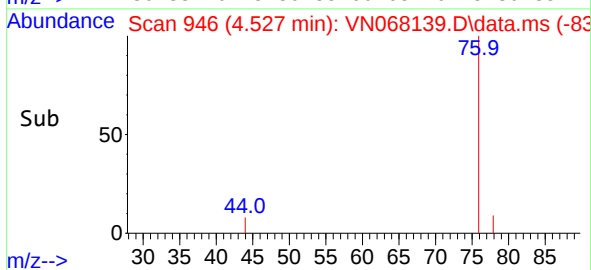
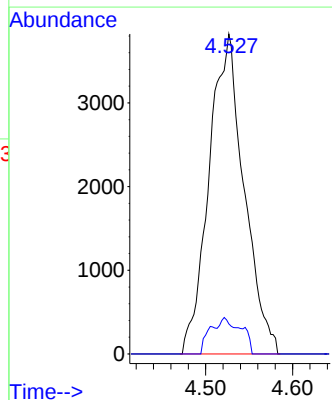
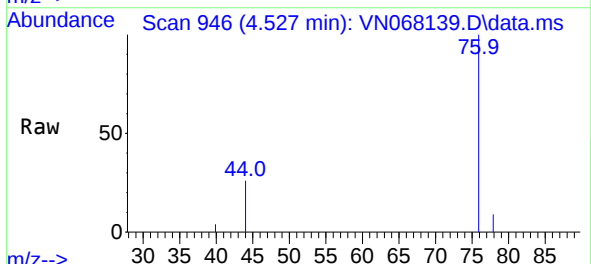
Instrument :
MSVOA_N
ClientSampled :
IBLK

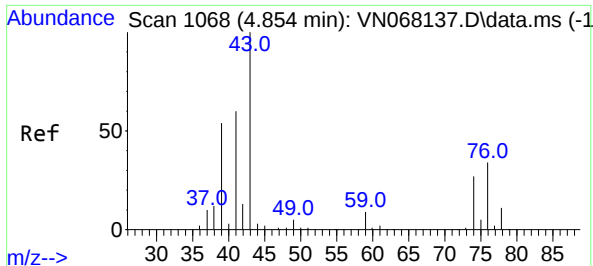
Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
58 33.4 21.2 31.8#



#17
Carbon Disulfide
Concen: 1.055 ug/l
RT: 4.527 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 76 Resp: 10705
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

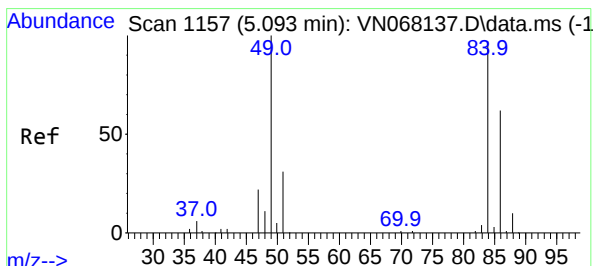
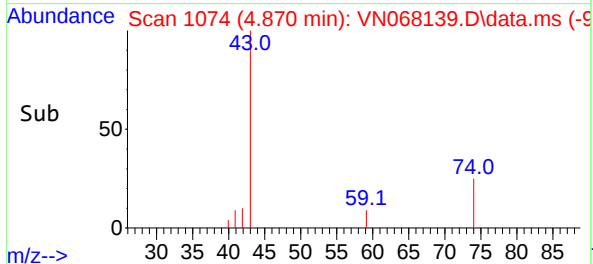
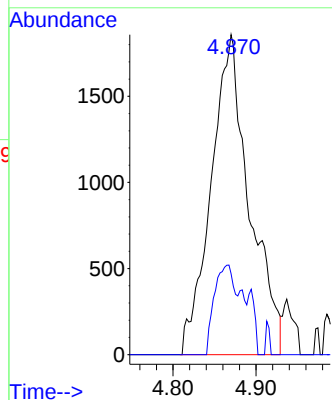
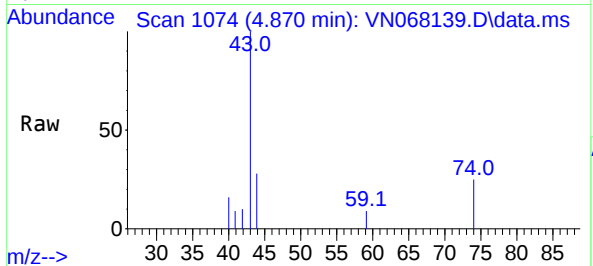




#18
Methyl Acetate
Concen: Below Cal
RT: 4.870 min Scan# 1074
Delta R.T. 0.016 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

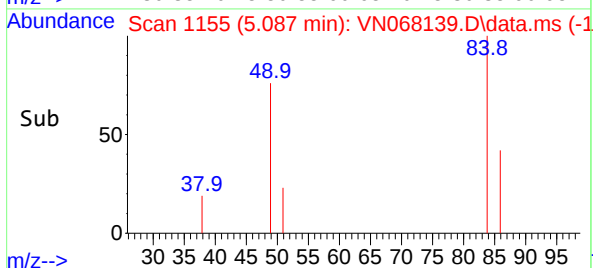
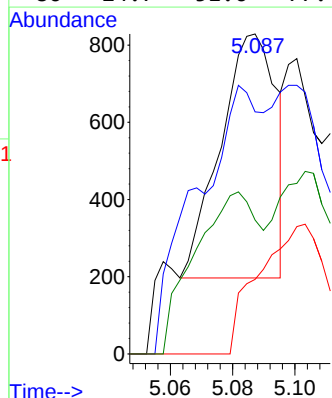
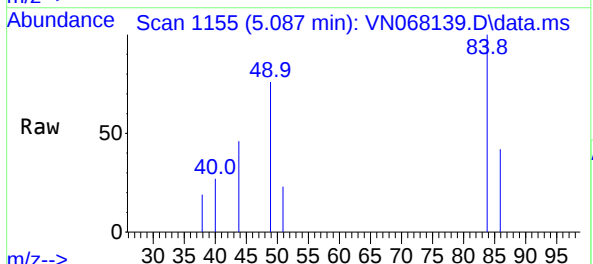
Instrument :
MSVOA_N
ClientSampled :
IBLK

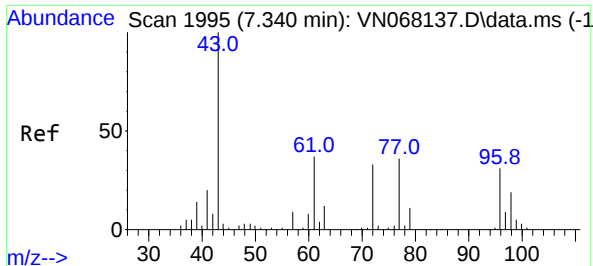
Tgt Ion: 43 Resp: 5944
Ion Ratio Lower Upper
43 100
74 15.2 17.4 26.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.087 min Scan# 1155
Delta R.T. -0.006 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 84 Resp: 787
Ion Ratio Lower Upper
84 100
49 43.2 110.9 166.3#
51 30.5 32.6 49.0#
86 24.7 51.6 77.4#

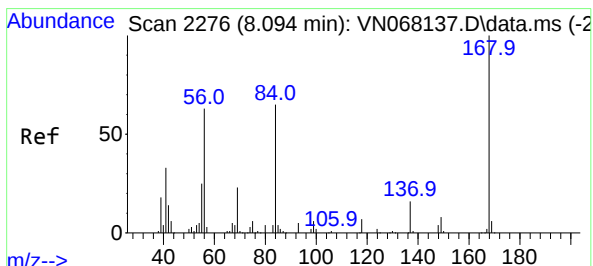
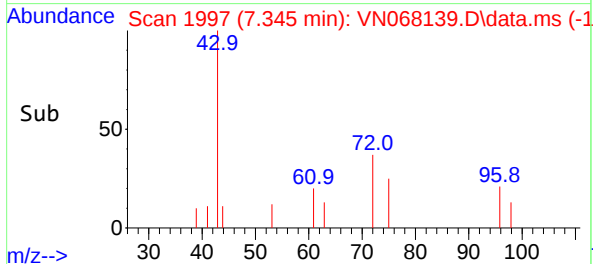
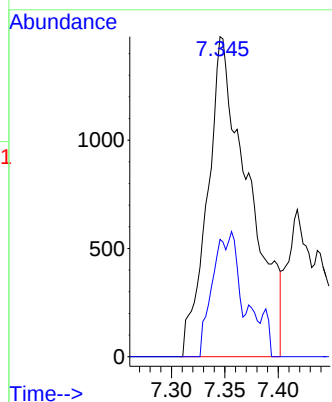
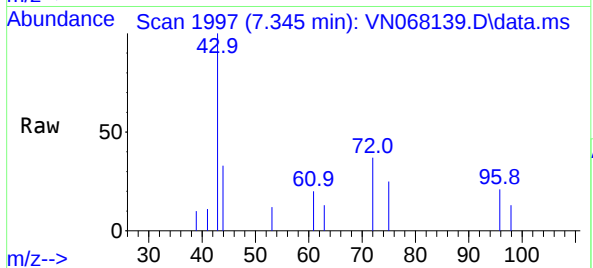




#25
2-Butanone
Concen: 1.679 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.005 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

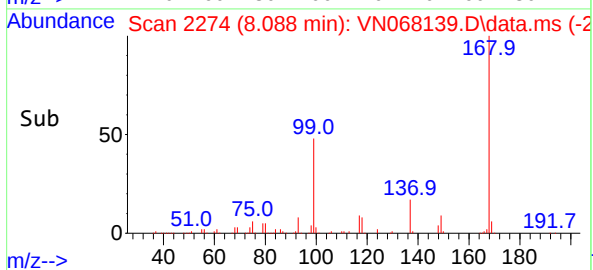
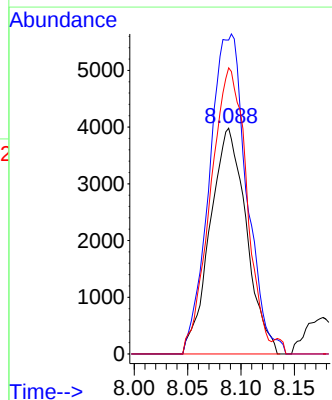
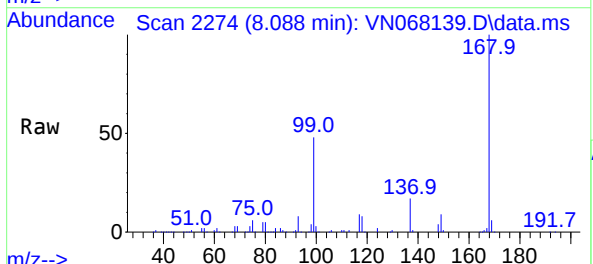
Instrument :
MSVOA_N
ClientSampled :
IBLK

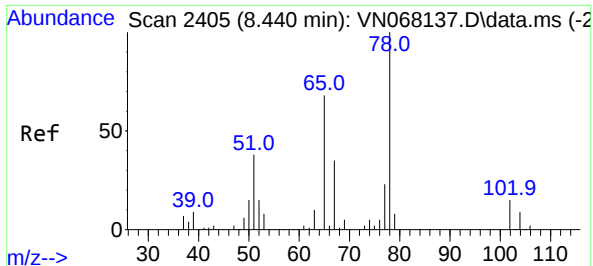
Tgt Ion: 43 Resp: 3948
Ion Ratio Lower Upper
43 100
72 36.7 19.7 29.5#



#31
Cyclohexane
Concen: 1.379 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 56 Resp: 9386
Ion Ratio Lower Upper
56 100
69 139.0 27.3 40.9#
84 126.7 64.9 97.3#

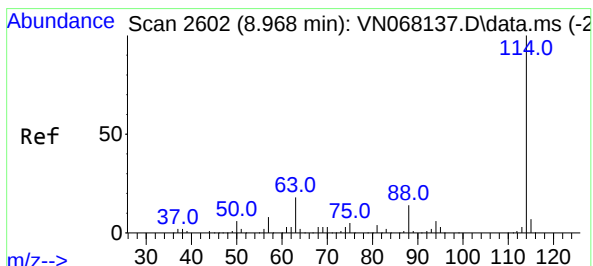
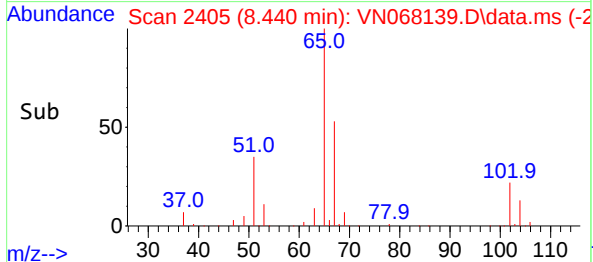
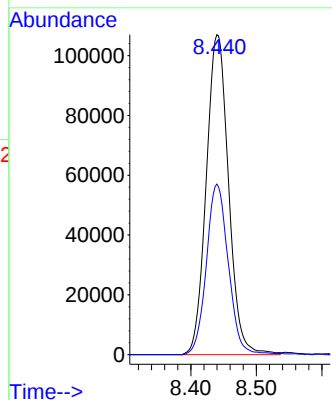
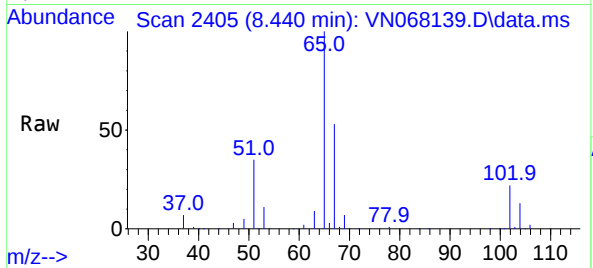




#33
1,2-Dichloroethane-d4
Concen: 48.878 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

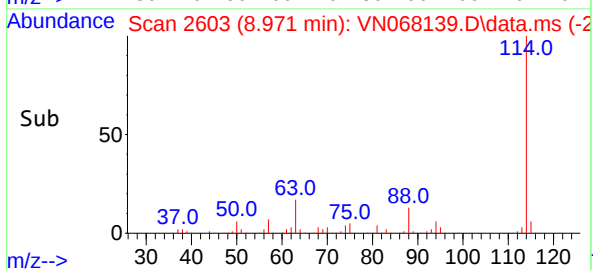
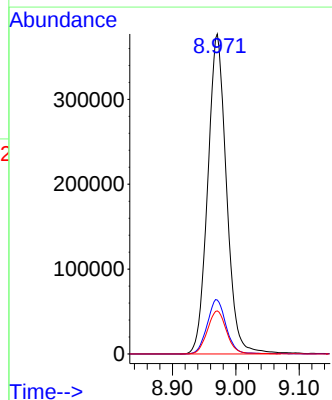
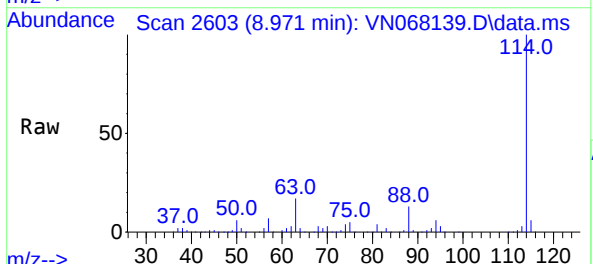
Instrument :
MSVOA_N
ClientSampleId :
IBLK

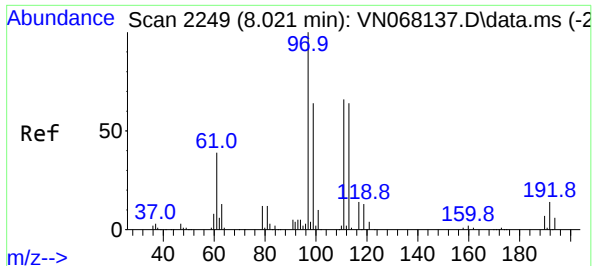
Tgt Ion: 65 Resp: 252576
Ion Ratio Lower Upper
65 100
67 52.1 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 114 Resp: 775006
Ion Ratio Lower Upper
114 100
63 16.9 0.0 49.0
88 13.4 0.0 36.6

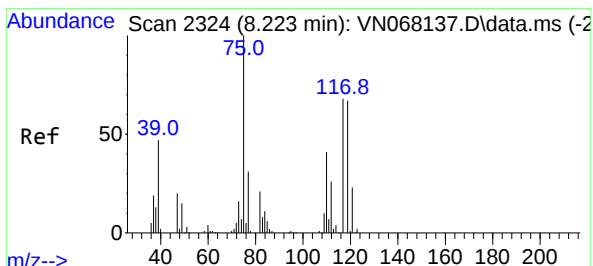
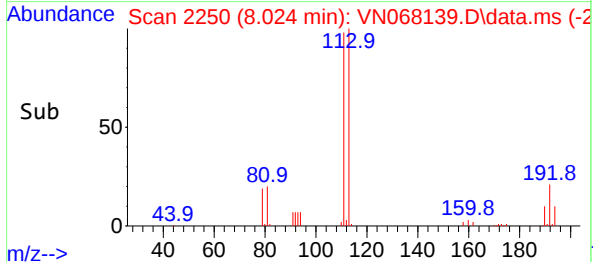
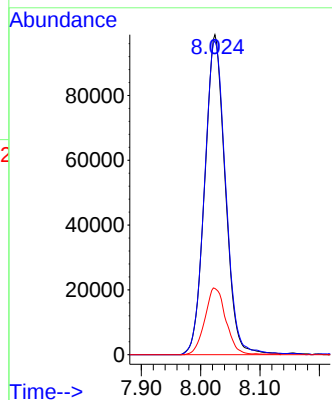
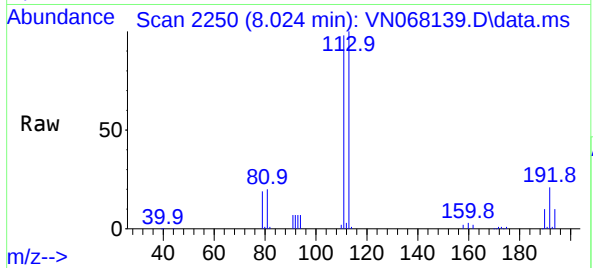




#35
Dibromofluoromethane
Concen: 48.568 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

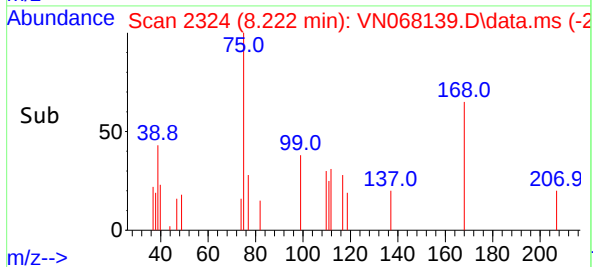
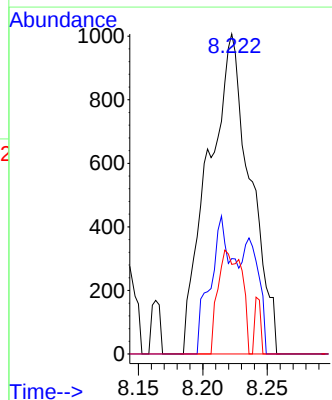
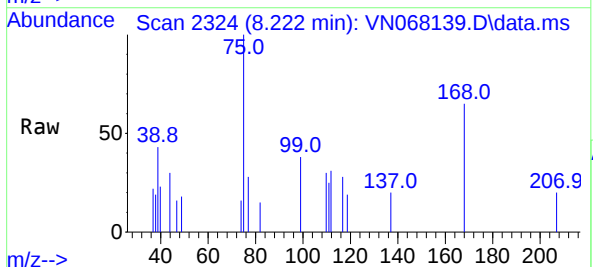
Instrument :
MSVOA_N
ClientSampled :
IBLK

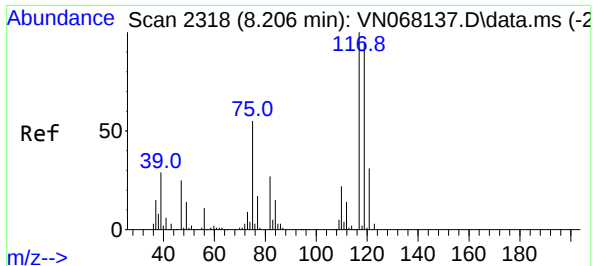
Tgt Ion:113 Resp: 236317
Ion Ratio Lower Upper
113 100
111 100.7 83.8 125.8
192 21.3 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 0.359 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

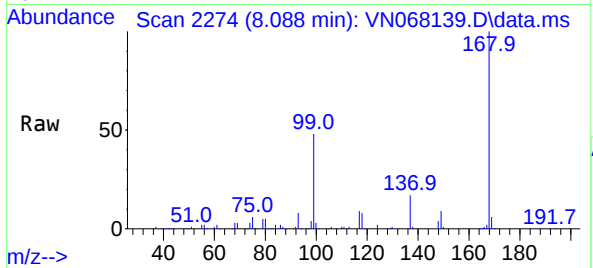
Tgt Ion: 75 Resp: 2276
Ion Ratio Lower Upper
75 100
110 23.7 15.7 47.0
77 18.3 24.6 37.0#



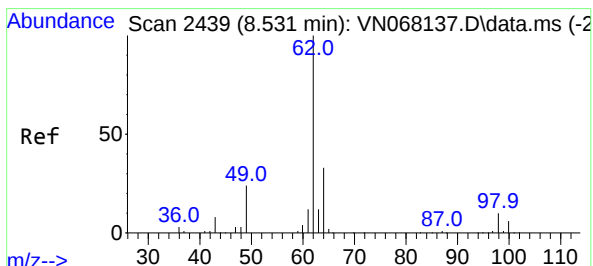
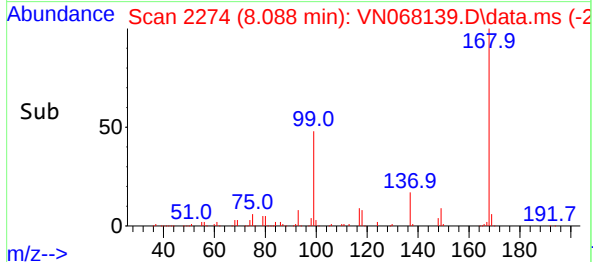
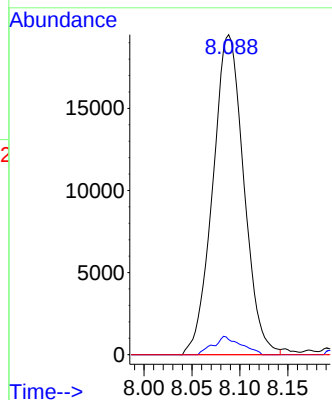


#38
Carbon Tetrachloride
Concen: 6.003 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Instrument :
MSVOA_N
ClientSampled :
IBLK

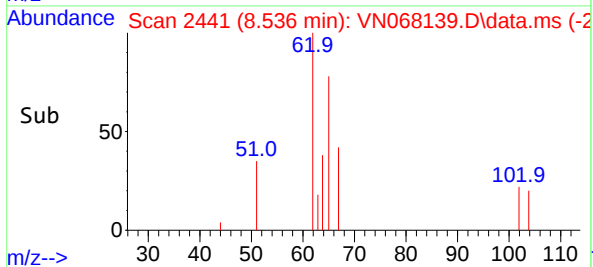
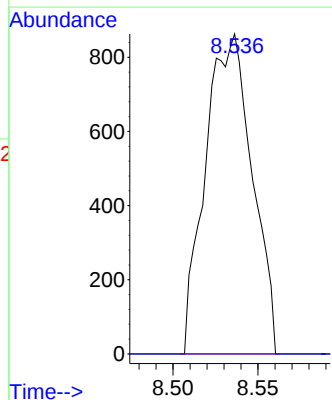
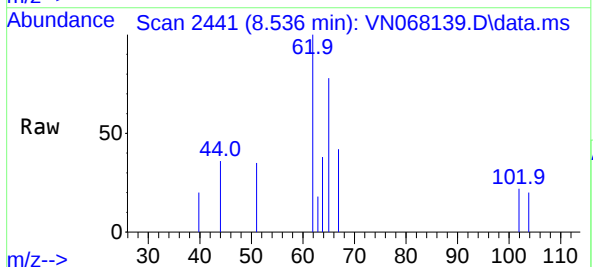


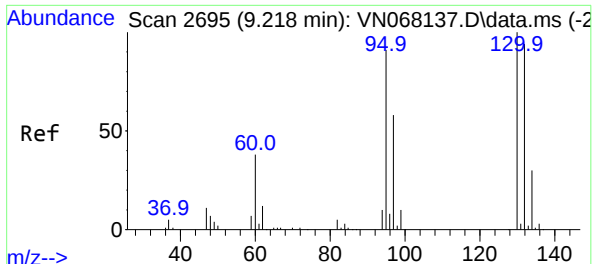
Tgt Ion:117 Resp: 43863
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.2#
121 0.0 23.5 35.3#



#42
1,2-Dichloroethane
Concen: 0.251 ug/l
RT: 8.536 min Scan# 2441
Delta R.T. 0.005 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 62 Resp: 1652
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.2

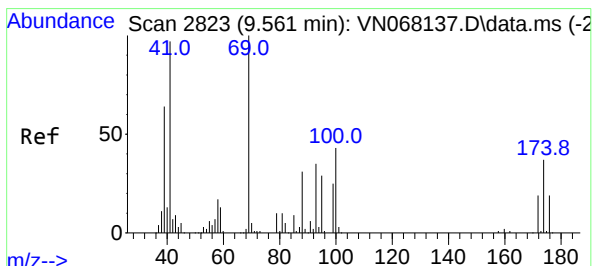
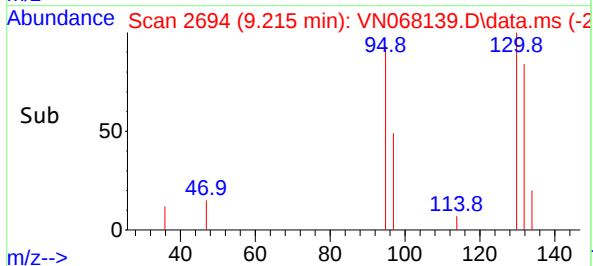
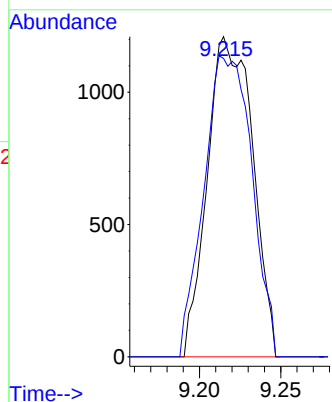
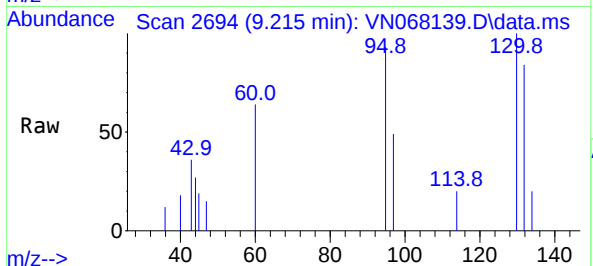




#44
Trichloroethene
Concen: 0.403 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

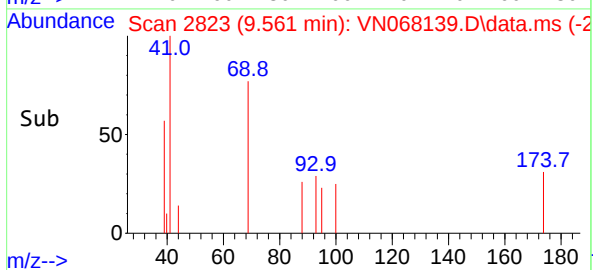
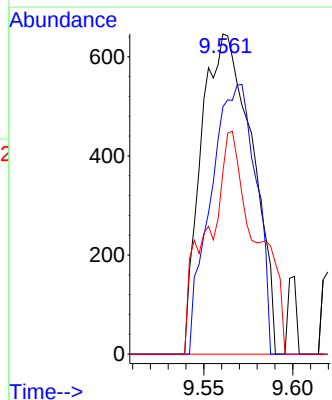
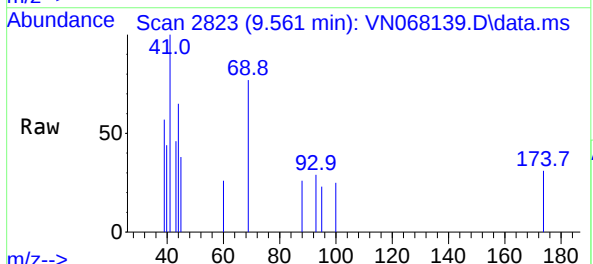
Instrument :
MSVOA_N
ClientSampled :
IBLK

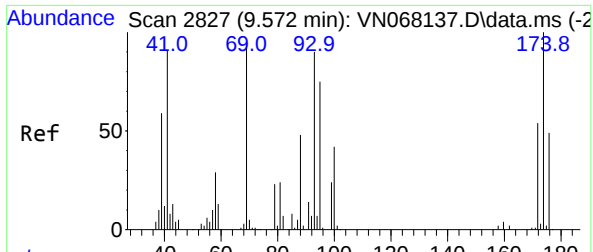
Tgt Ion:130 Resp: 2343
Ion Ratio Lower Upper
130 100
95 93.2 0.0 234.4



#48
Methyl methacrylate
Concen: 0.356 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 41 Resp: 1283
Ion Ratio Lower Upper
41 100
69 75.3 64.6 96.8
39 67.0 53.3 79.9





#49

1,4-Dioxane

Concen: 8.188 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. -0.001 min

Lab File: VN068139.D

Acq: 17 Aug 2021 12:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

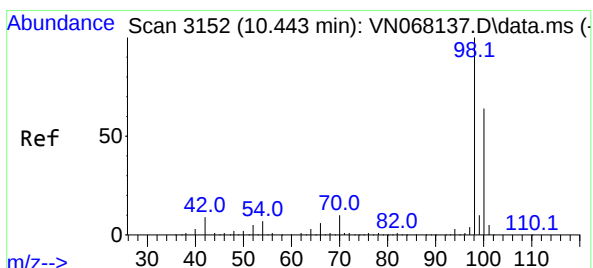
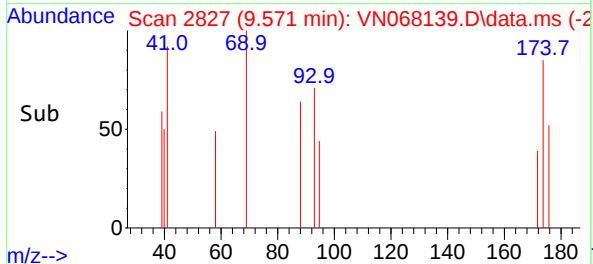
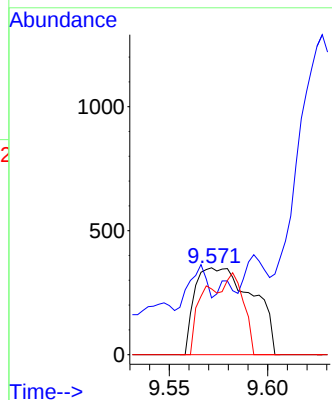
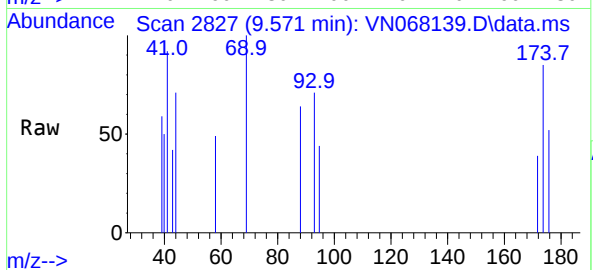
Tgt Ion: 88 Resp: 713

Ion Ratio Lower Upper

88 100

43 16.3 28.8 43.2#

58 27.3 60.4 90.6#



#50

Toluene-d8

Concen: 50.450 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN068139.D

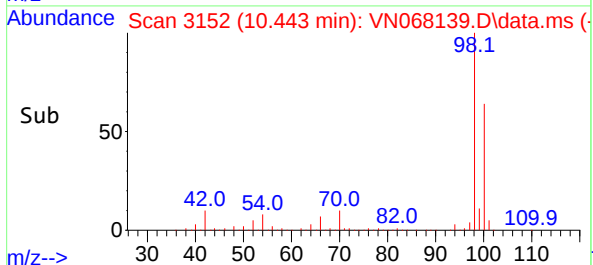
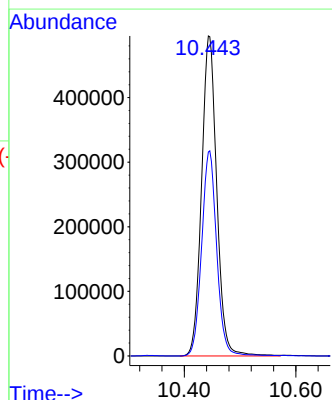
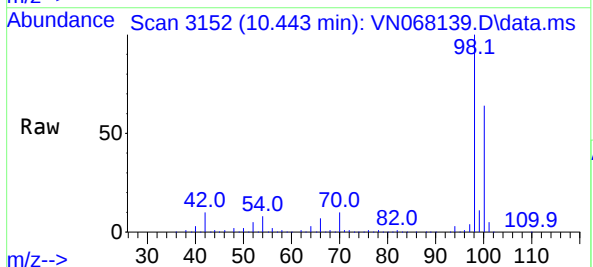
Acq: 17 Aug 2021 12:46

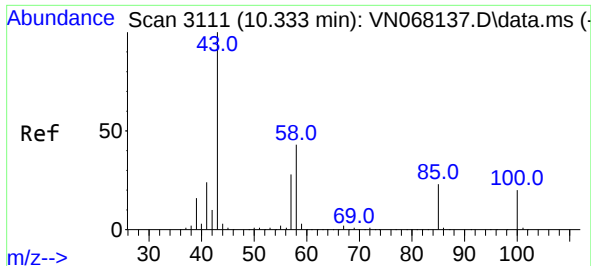
Tgt Ion: 98 Resp: 935335

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5

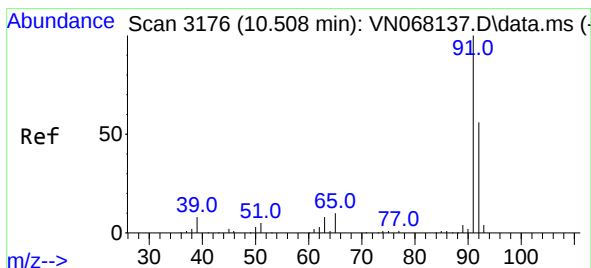
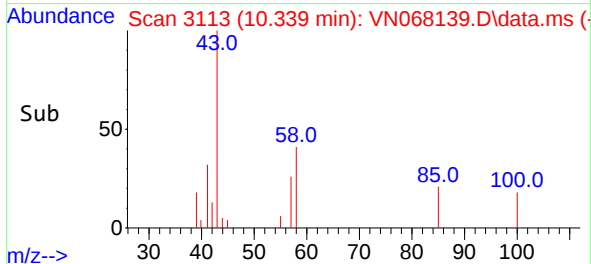
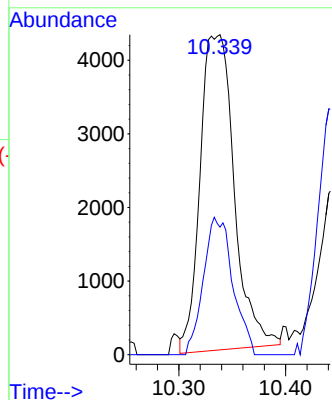
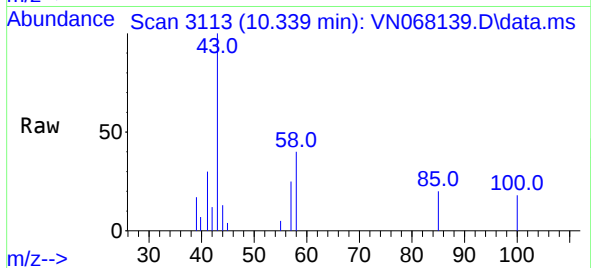




#51
4-Methyl-2-Pentanone
Concen: 1.790 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.005 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

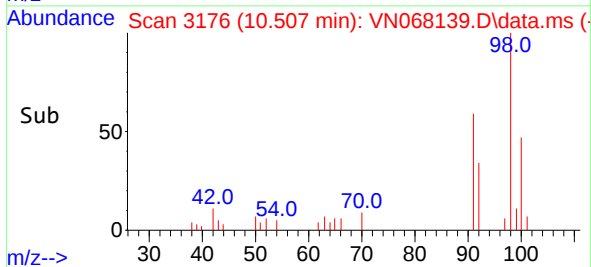
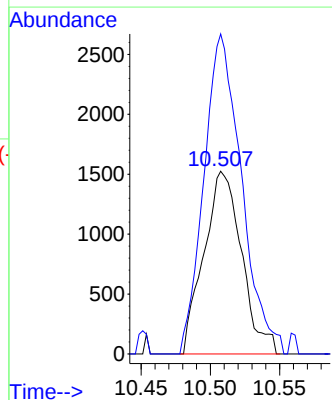
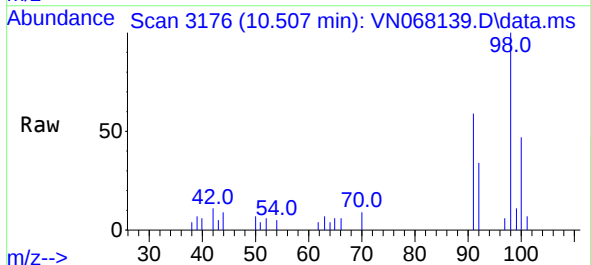
Instrument :
MSVOA_N
ClientSampled :
IBLK

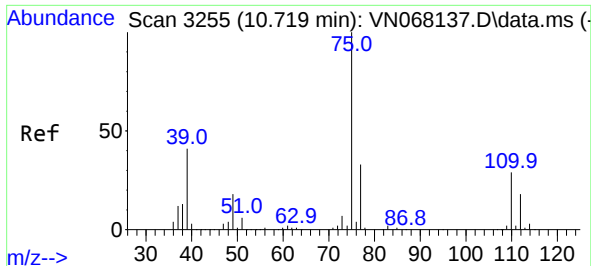
Tgt Ion: 43 Resp: 9507
Ion Ratio Lower Upper
43 100
58 37.5 28.6 43.0



#52
Toluene
Concen: 0.219 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 92 Resp: 2891
Ion Ratio Lower Upper
92 100
91 174.6 139.6 209.4

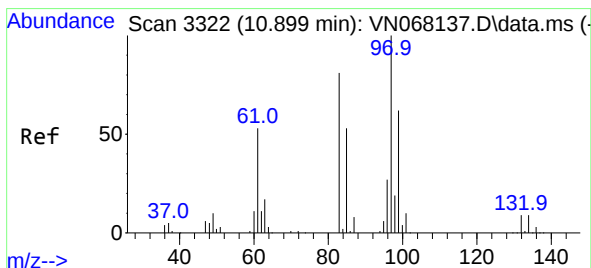
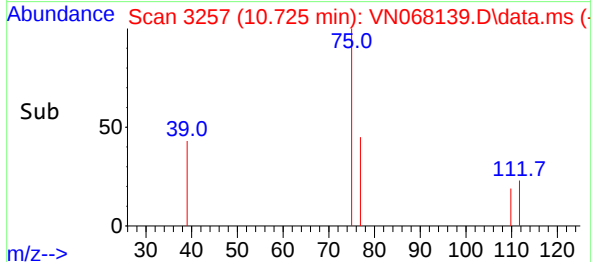
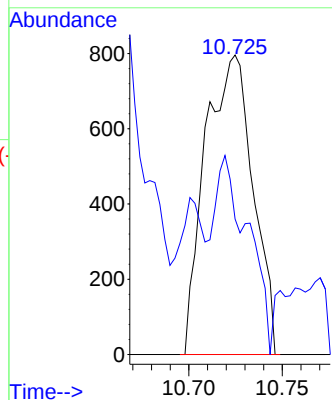
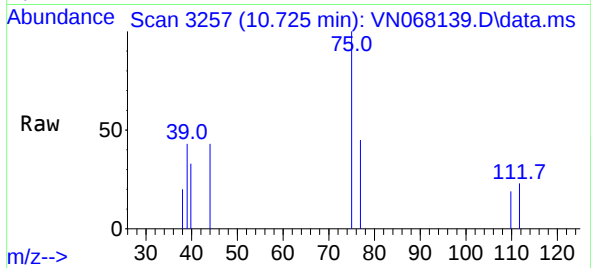




#53
t-1,3-Dichloropropene
Concen: 0.209 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.006 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

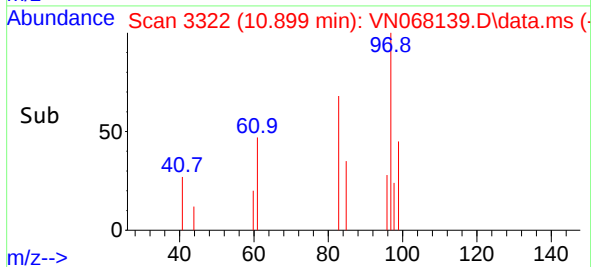
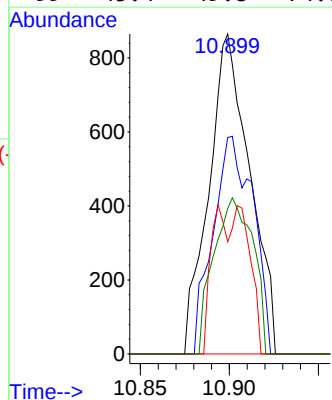
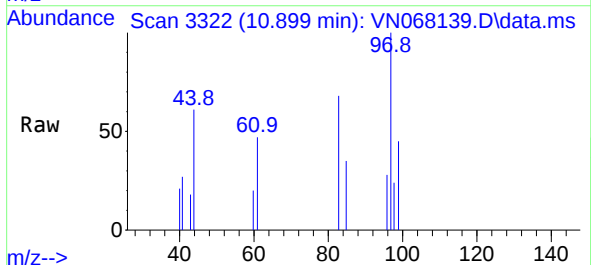
Instrument :
MSVOA_N
ClientSampled :
IBLK

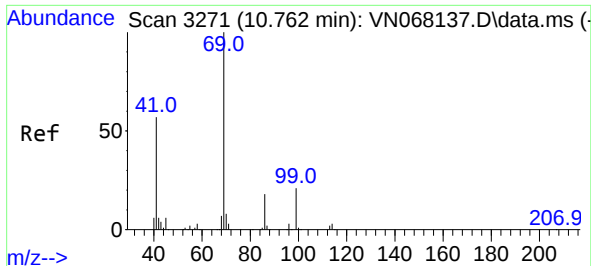
Tgt Ion: 75 Resp: 1417
Ion Ratio Lower Upper
75 100
77 23.9 25.1 37.7#



#55
1,1,2-Trichloroethane
Concen: 0.263 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 97 Resp: 1387
Ion Ratio Lower Upper
97 100
83 67.6 72.0 108.0#
85 35.0 46.8 70.2#
99 45.4 49.8 74.6#



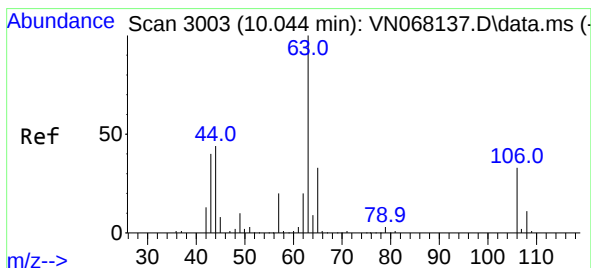
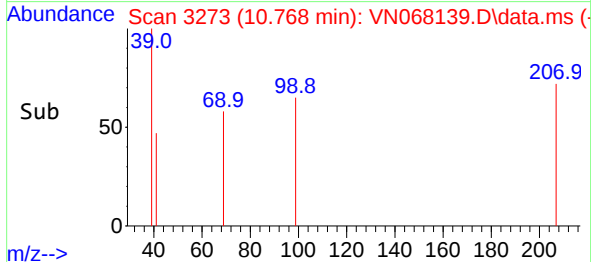
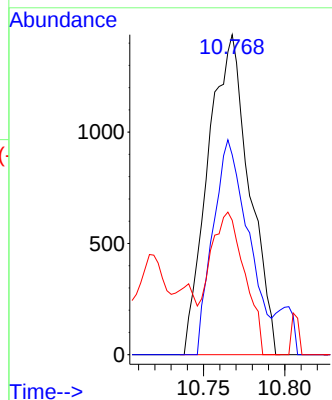
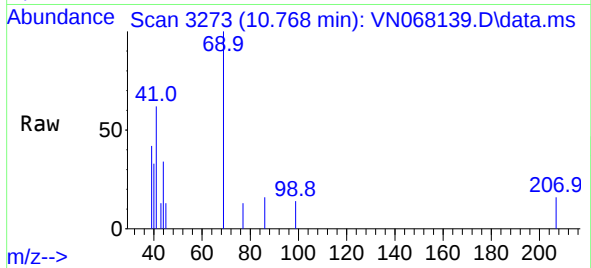


#56
Ethyl methacrylate
Concen: 0.376 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.006 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 69 Resp: 2541

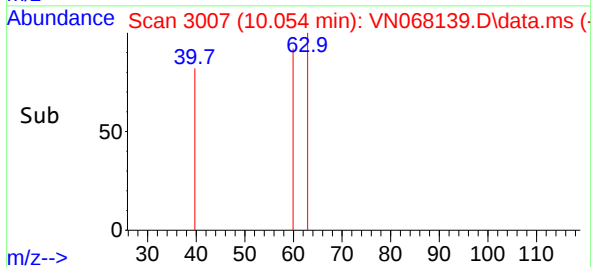
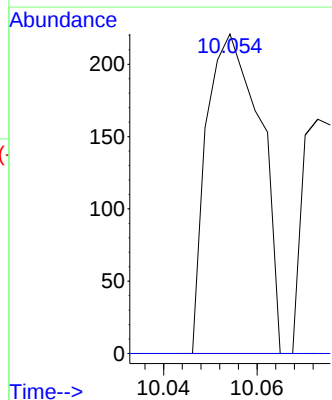
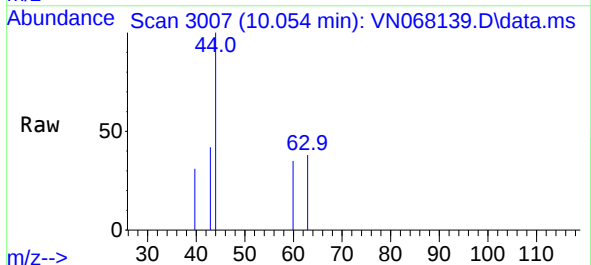
Ion	Ratio	Lower	Upper
69	100		
41	57.9	58.6	88.0#
39	38.0	38.3	57.5#

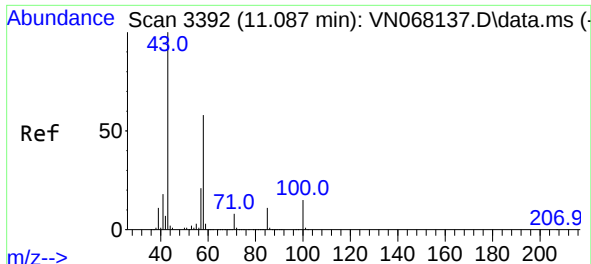


#58
2-Chloroethyl Vinyl ether
Concen: 18.722 ug/l
RT: 10.054 min Scan# 3007
Delta R.T. 0.010 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 63 Resp: 176

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.8	29.8#

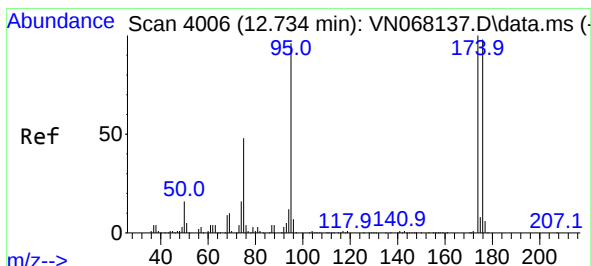
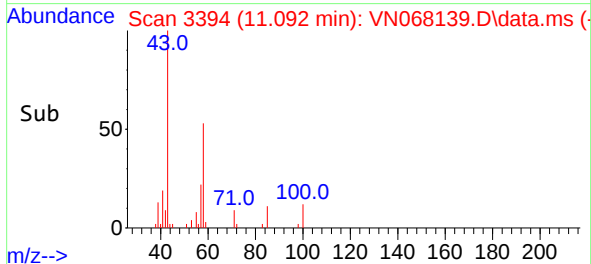
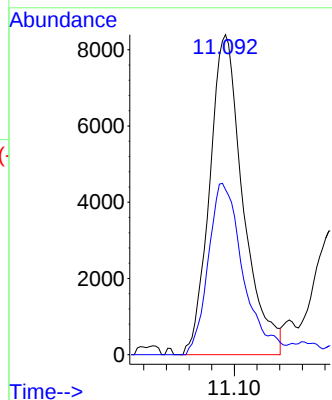
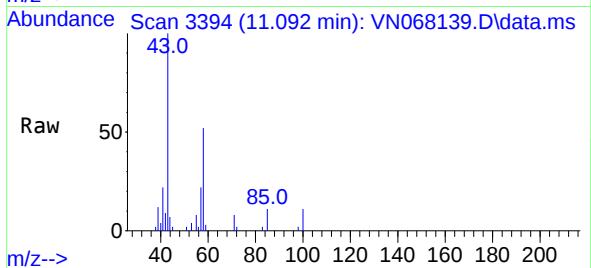




#59
2-Hexanone
Concen: 4.662 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

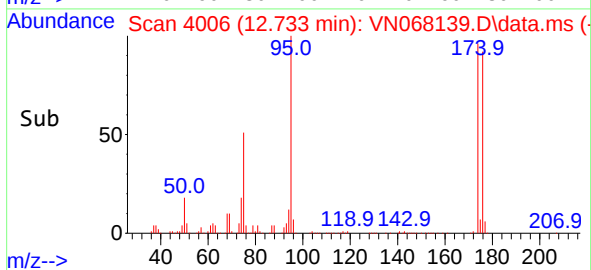
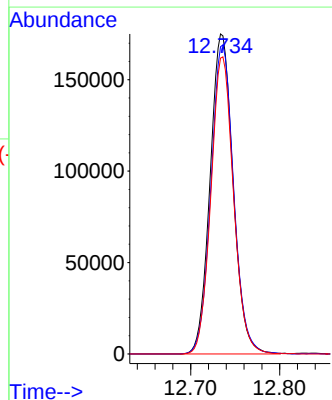
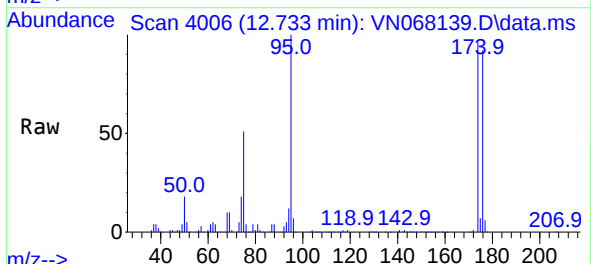
Instrument :
MSVOA_N
ClientSampled :
IBLK

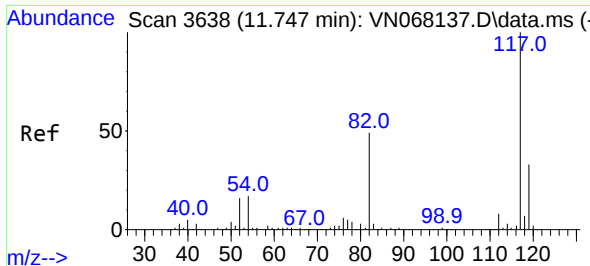
Tgt Ion: 43 Resp: 17192
Ion Ratio Lower Upper
43 100
58 56.0 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 50.808 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 95 Resp: 313579
Ion Ratio Lower Upper
95 100
174 95.9 0.0 122.0
176 91.4 0.0 117.6

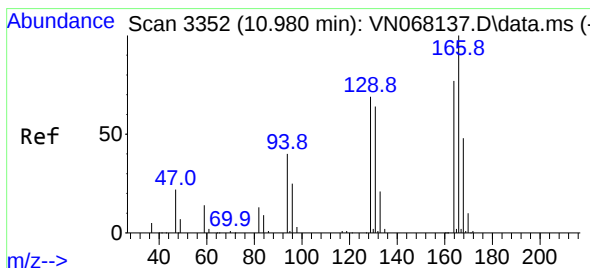
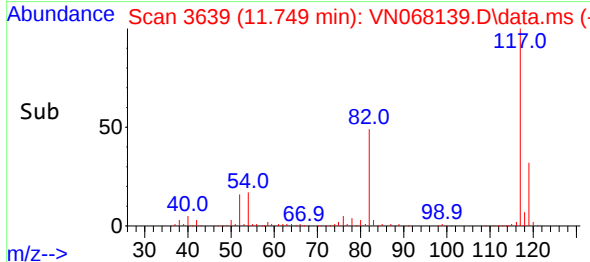
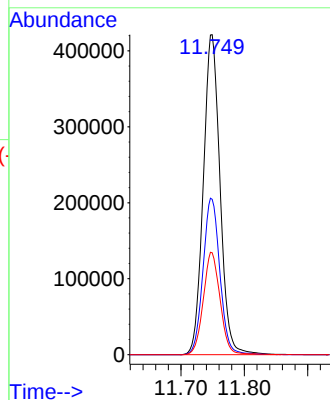
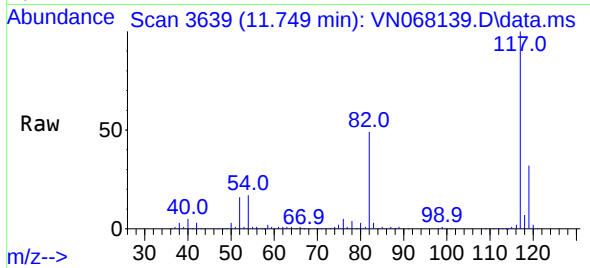




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

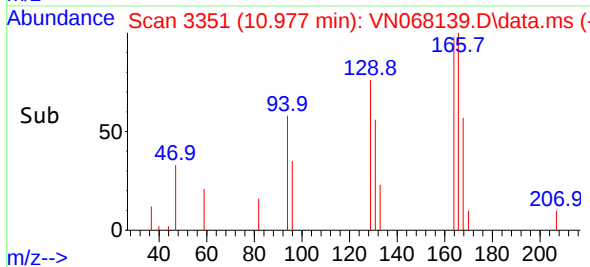
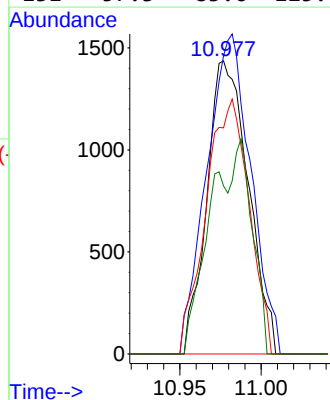
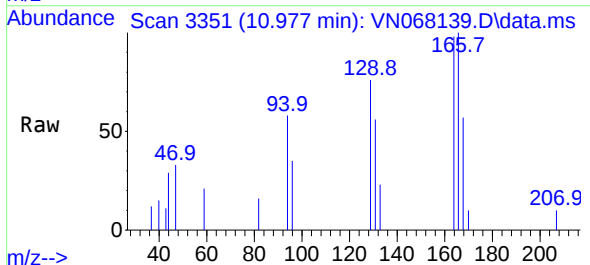
Instrument :
MSVOA_N
ClientSampleId :
IBLK

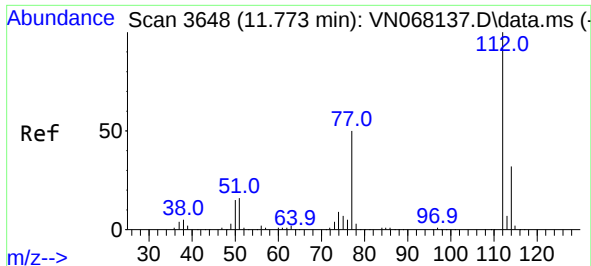
Tgt Ion:117 Resp: 773431
Ion Ratio Lower Upper
117 100
82 48.6 53.1 79.7#
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 0.426 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:164 Resp: 2546
Ion Ratio Lower Upper
164 100
166 101.7 102.1 153.1#
129 77.2 86.9 130.3#
131 57.3 83.6 125.4#

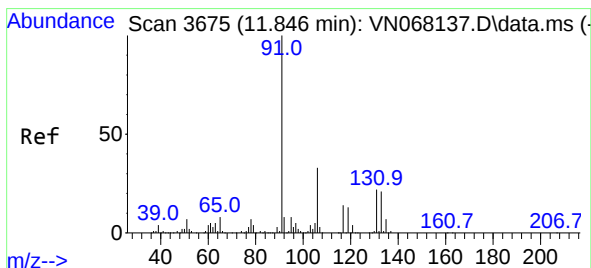
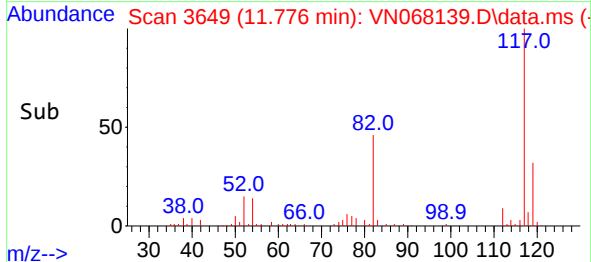
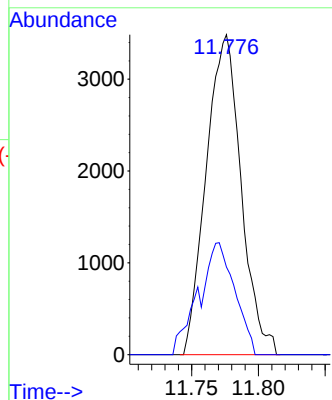
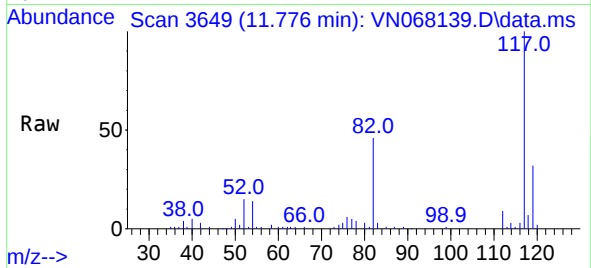




#65
Chlorobenzene
Concen: 0.400 ug/l
RT: 11.776 min Scan# 3649
Delta R.T. 0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

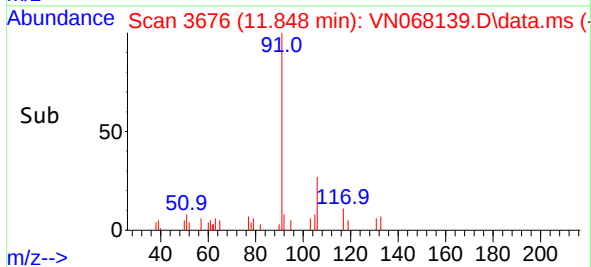
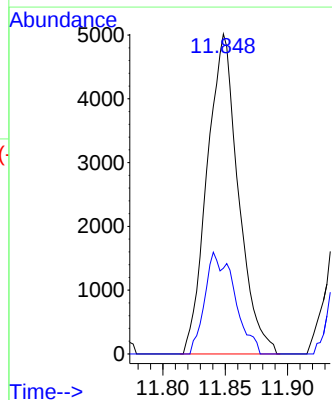
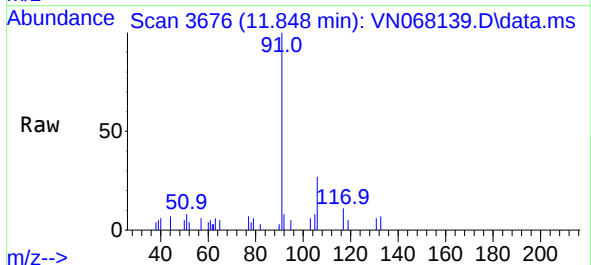
Instrument :
MSVOA_N
ClientSampled :
IBLK

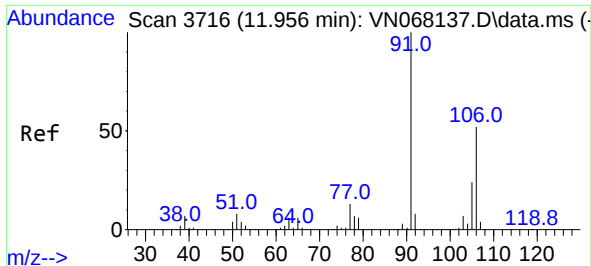
Tgt Ion:112 Resp: 6328
Ion Ratio Lower Upper
112 100
114 27.4 24.6 37.0



#67
Ethyl Benzene
Concen: 0.335 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 91 Resp: 8747
Ion Ratio Lower Upper
91 100
106 26.8 23.4 35.0

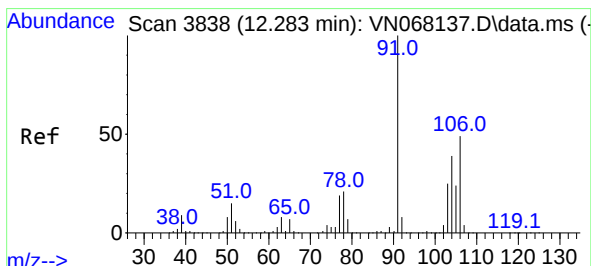
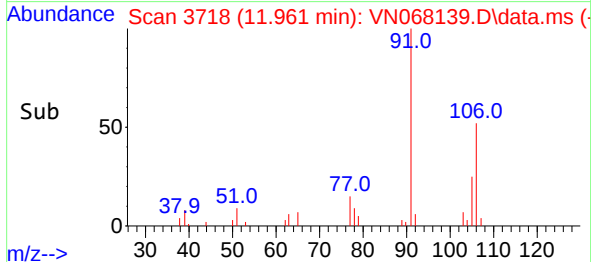
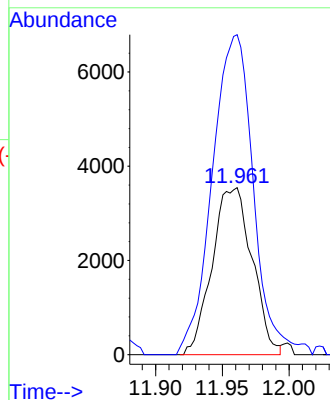
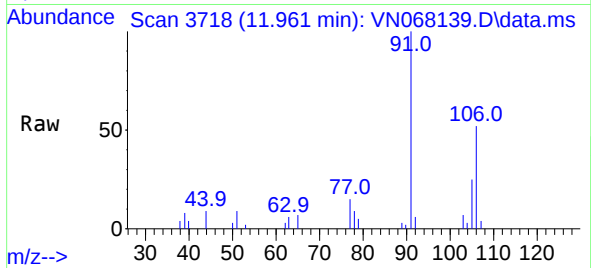




#68
m/p-Xylenes
Concen: 0.708 ug/l
RT: 11.961 min Scan# 3718
Delta R.T. 0.005 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

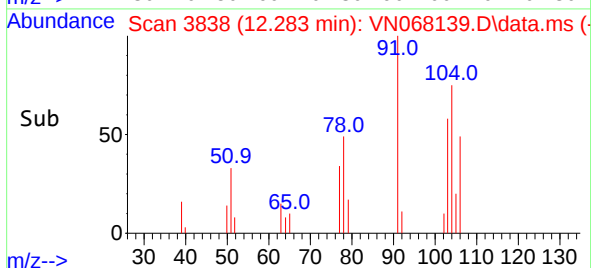
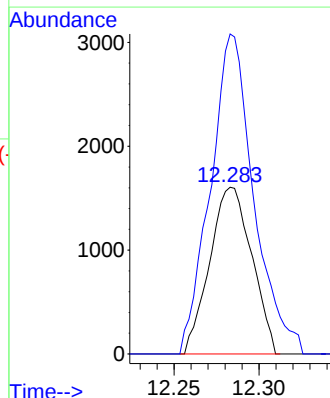
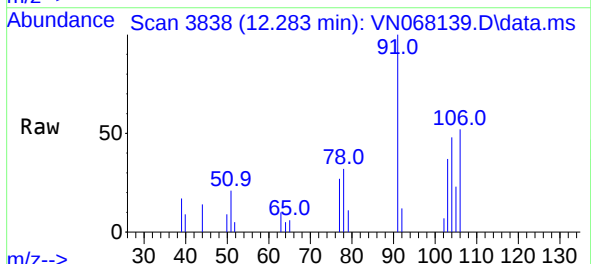
Instrument :
MSVOA_N
ClientSampled :
IBLK

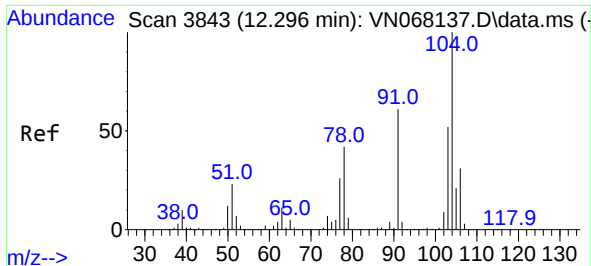
Tgt Ion:106 Resp: 7399
Ion Ratio Lower Upper
106 100
91 197.0 180.6 270.8



#69
o-Xylene
Concen: 0.273 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:106 Resp: 2760
Ion Ratio Lower Upper
106 100
91 197.9 118.3 354.9

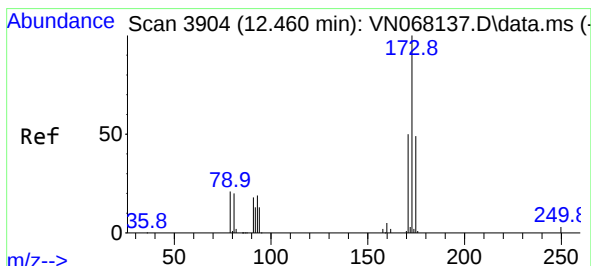
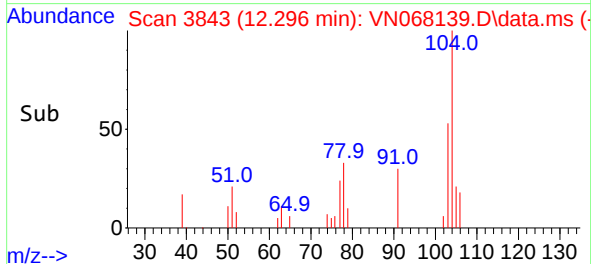
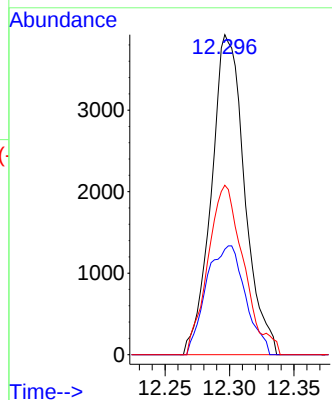
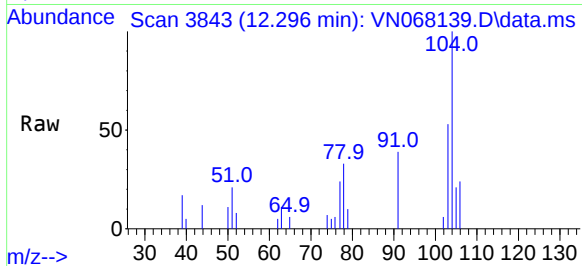




#70
Styrene
Concen: 0.435 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

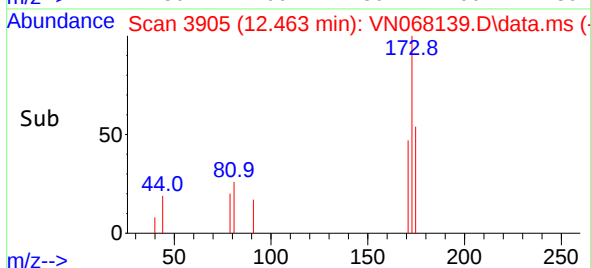
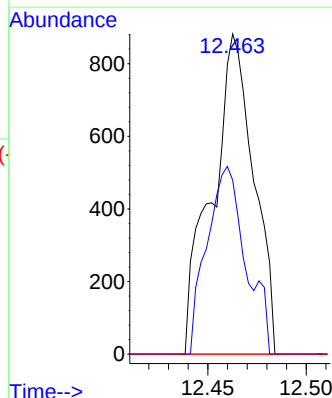
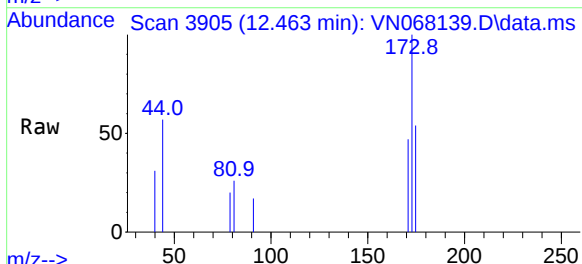
Instrument :
MSVOA_N
ClientSampled :
IBLK

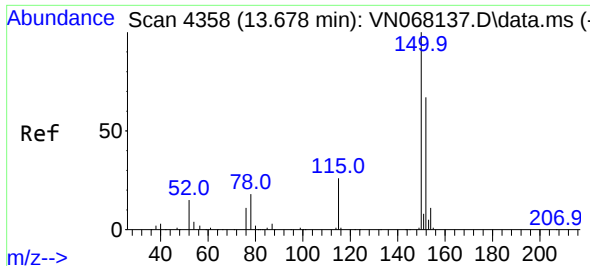
Tgt Ion:104 Resp: 7028
Ion Ratio Lower Upper
104 100
78 40.0 48.2 72.2#
103 56.9 44.5 66.7



#71
Bromoform
Concen: 0.273 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:173 Resp: 1308
Ion Ratio Lower Upper
173 100
175 54.3 23.9 71.8
254 0.0 0.0 0.0

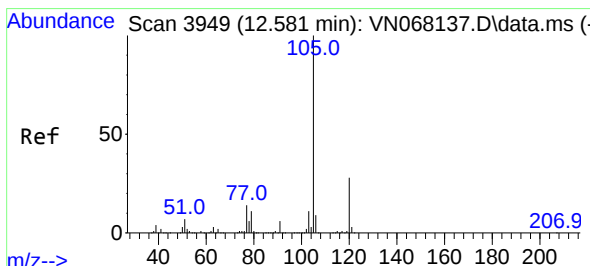
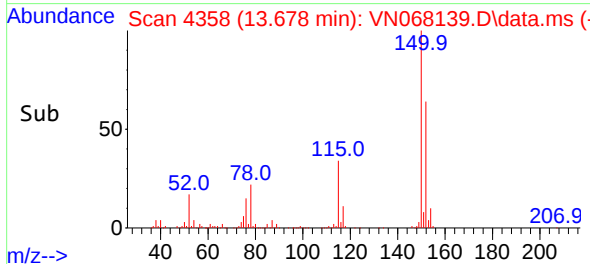
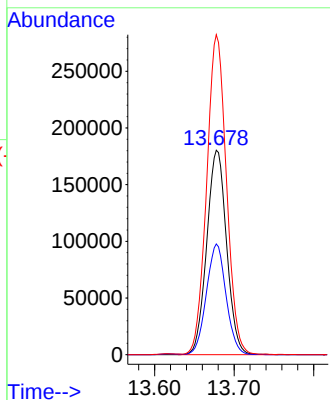
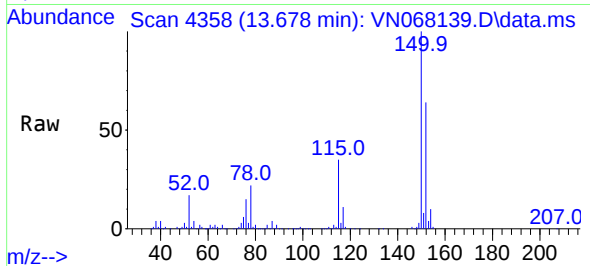




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

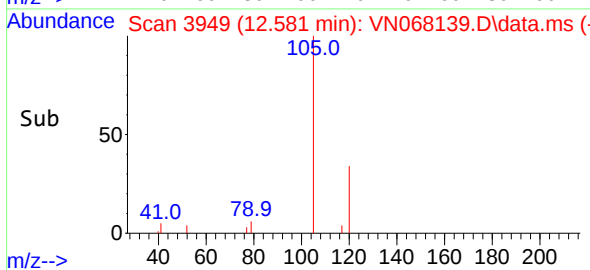
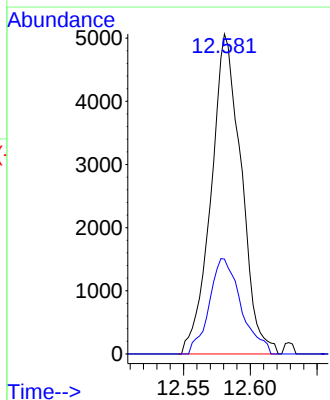
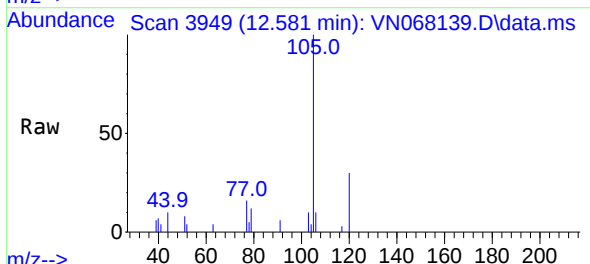
Instrument :
MSVOA_N
ClientSampled :
IBLK

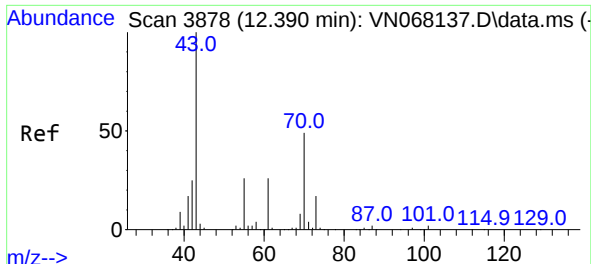
Tgt Ion:152 Resp: 313248
Ion Ratio Lower Upper
152 100
115 53.3 36.1 108.5
150 155.0 0.0 351.8



#73
Isopropylbenzene
Concen: 0.357 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:105 Resp: 7960
Ion Ratio Lower Upper
105 100
120 31.4 12.5 37.5

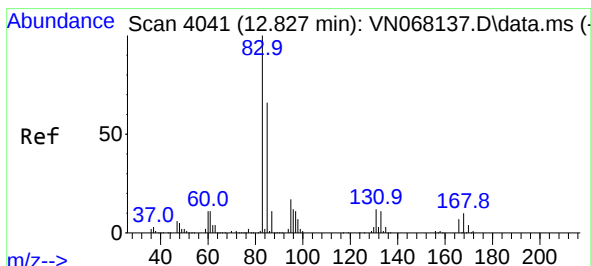
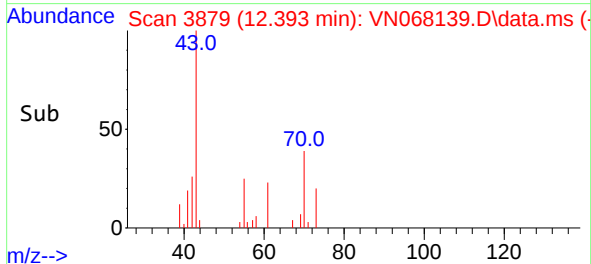
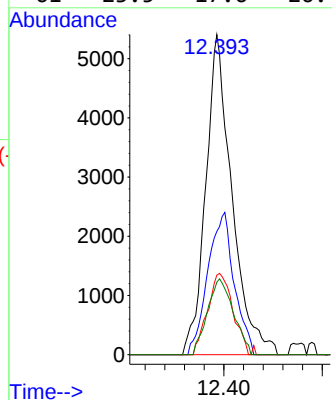
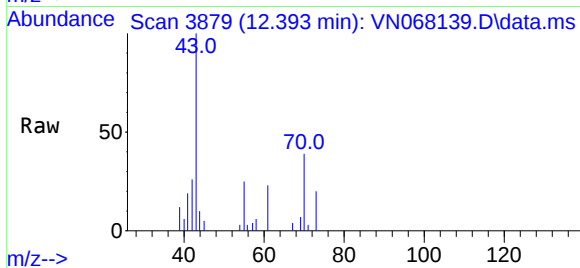




#74
N-amy1 acetate
Concen: 1.728 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

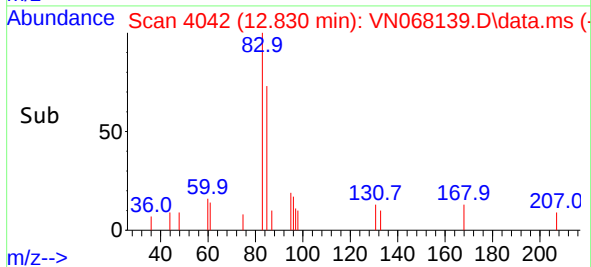
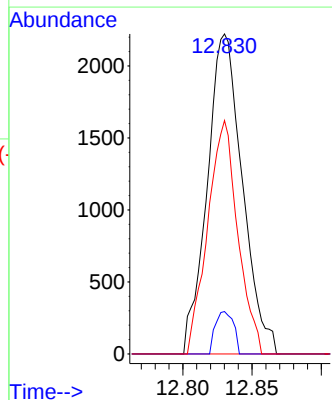
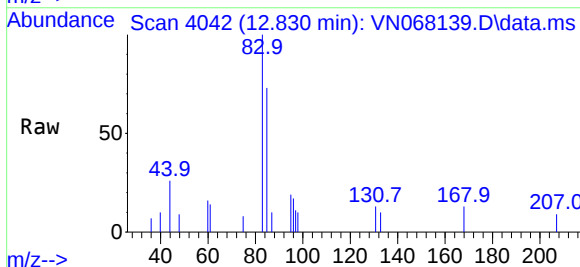
Instrument :
MSVOA_N
ClientSampleId :
IBLK

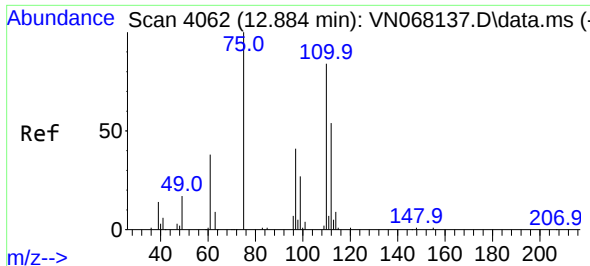
Tgt Ion:	43	Resp:	10025
Ion	Ratio	Lower	Upper
43	100		
70	44.6	29.4	44.2#
55	24.3	17.0	25.4
61	23.5	17.6	26.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.588 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:	83	Resp:	3930
Ion	Ratio	Lower	Upper
83	100		
131	6.8	4.8	14.4
85	62.2	32.2	96.6

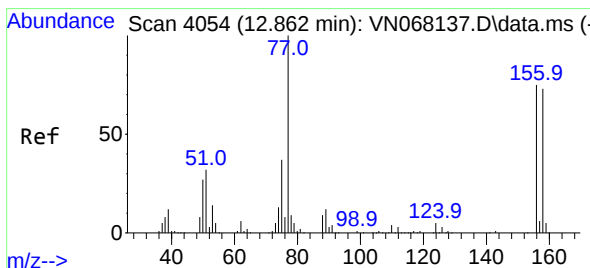
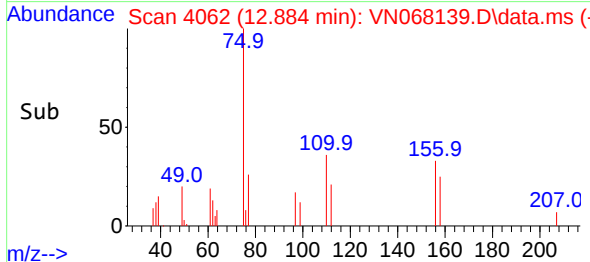
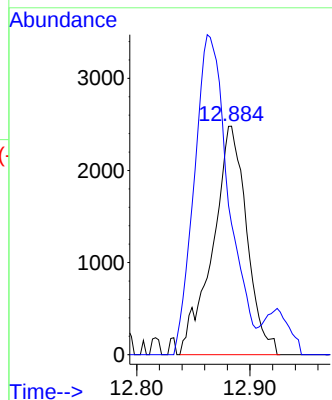
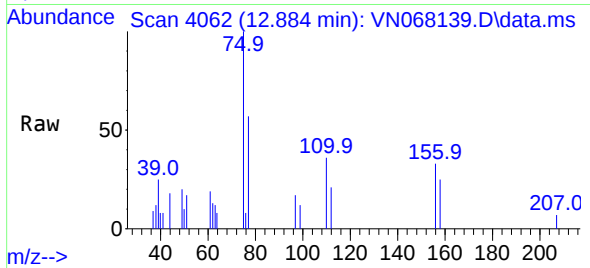




#76
1,2,3-Trichloropropane
Concen: 0.992 ug/l
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

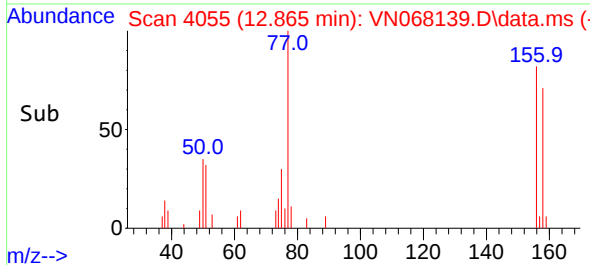
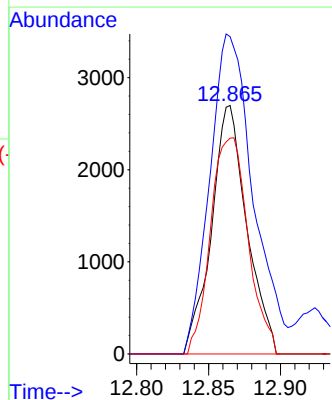
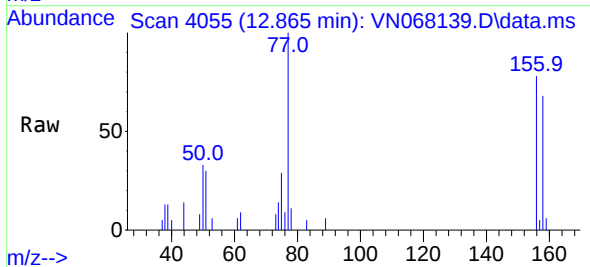
Instrument :
MSVOA_N
ClientSampled :
IBLK

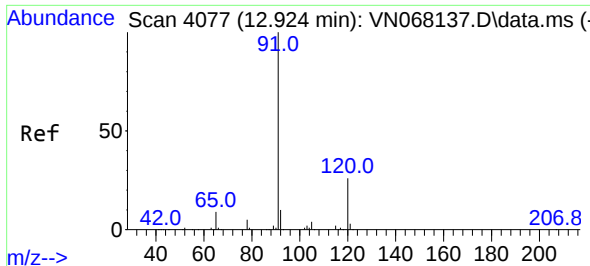
Tgt Ion: 75 Resp: 5167
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 0.751 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:156 Resp: 4608
Ion Ratio Lower Upper
156 100
77 158.3 136.2 408.6
158 92.5 48.4 145.3

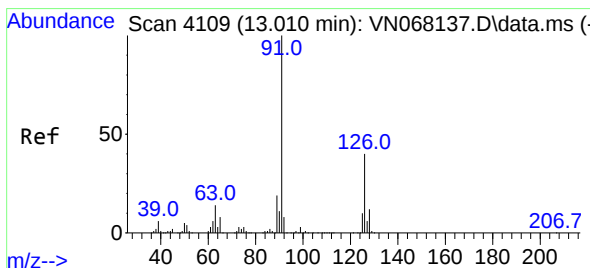
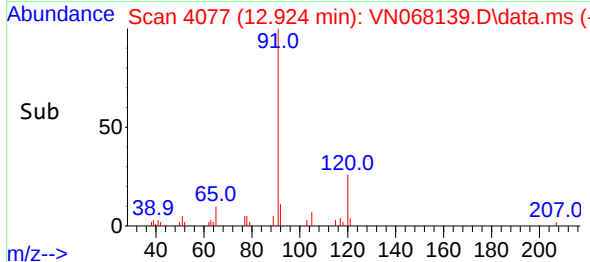
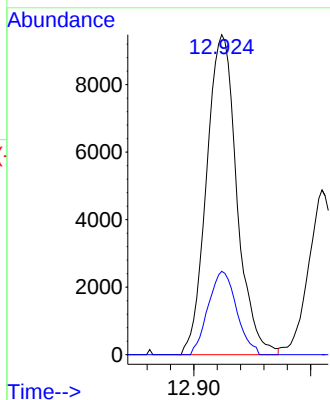
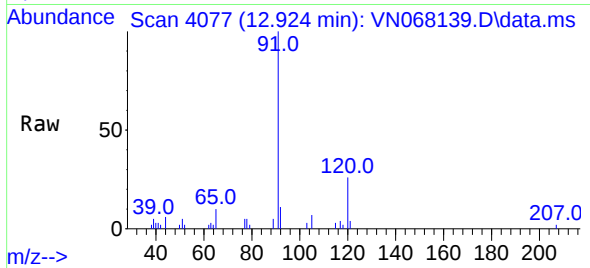




#78
n-propylbenzene
Concen: 0.715 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

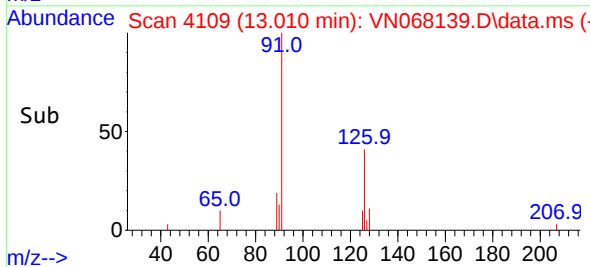
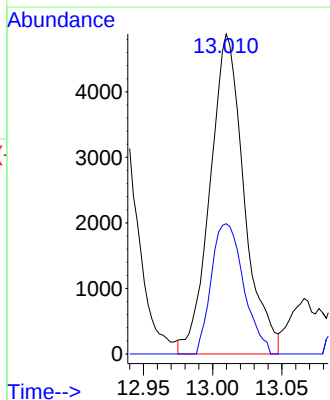
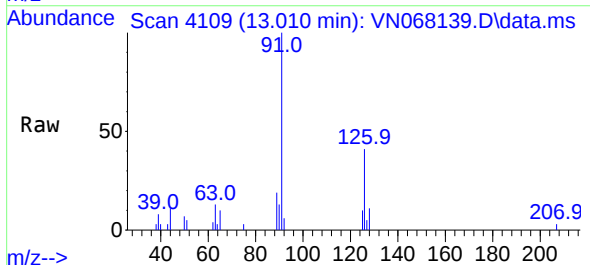
Instrument :
MSVOA_N
ClientSampled :
IBLK

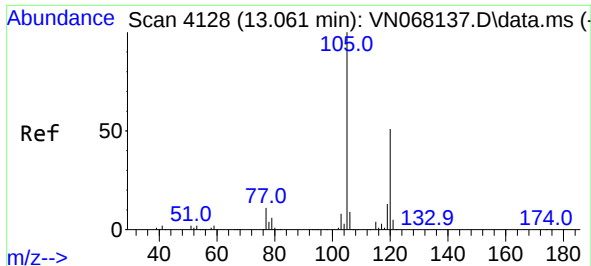
Tgt Ion: 91 Resp: 17084
Ion Ratio Lower Upper
91 100
120 24.3 10.4 31.4



#79
2-Chlorotoluene
Concen: 0.563 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 91 Resp: 8328
Ion Ratio Lower Upper
91 100
126 38.7 14.5 43.5

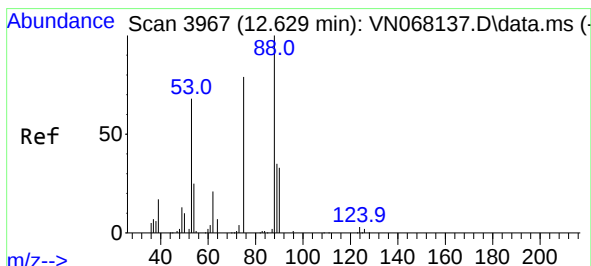
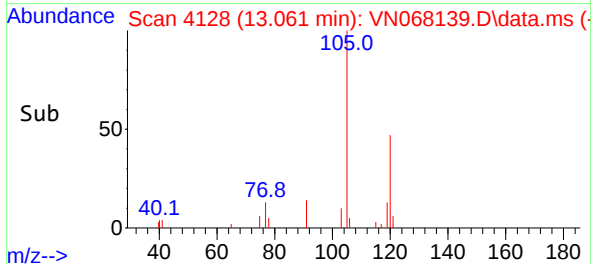
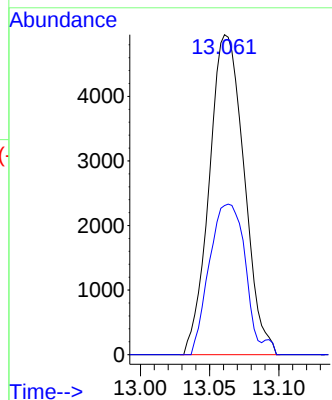
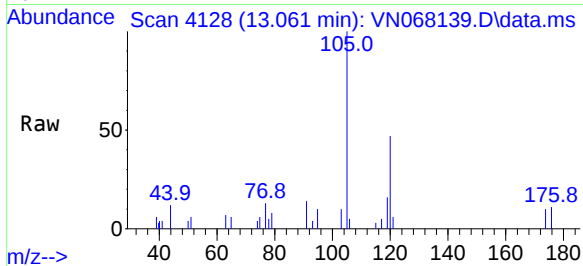




#80
1,3,5-Trimethylbenzene
Concen: 0.481 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

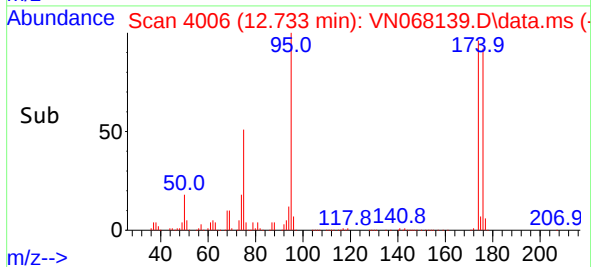
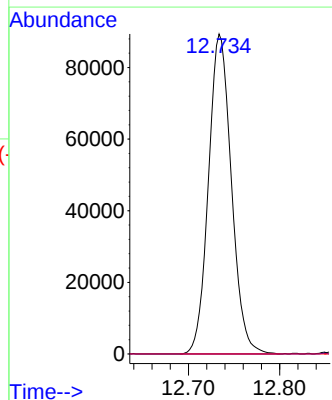
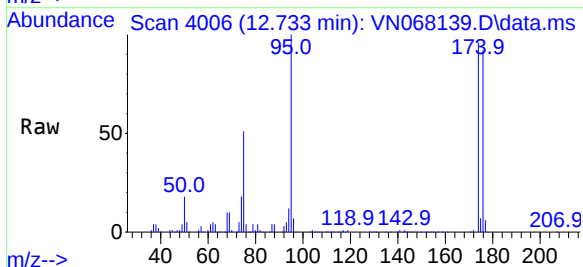
Instrument :
MSVOA_N
ClientSampled :
IBLK

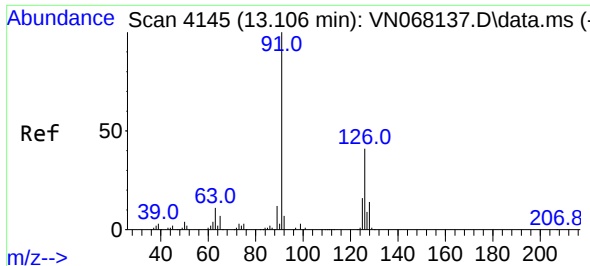
Tgt Ion:105 Resp: 8663
Ion Ratio Lower Upper
105 100
120 48.0 22.2 66.6



#81
trans-1,4-Dichloro-2-butene
Concen: 98.194 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 75 Resp: 156050
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

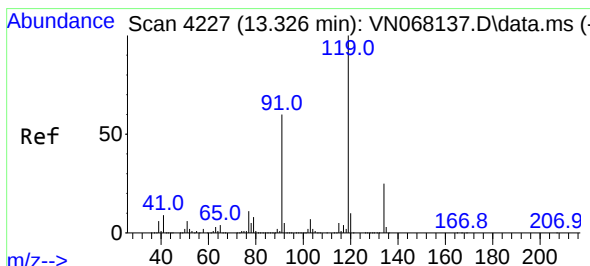
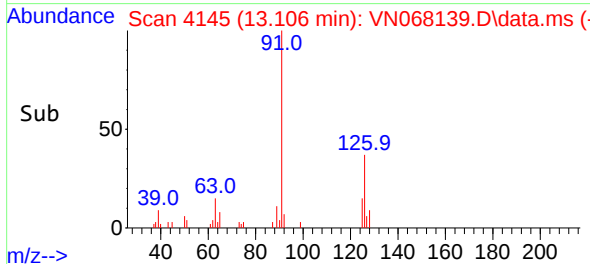
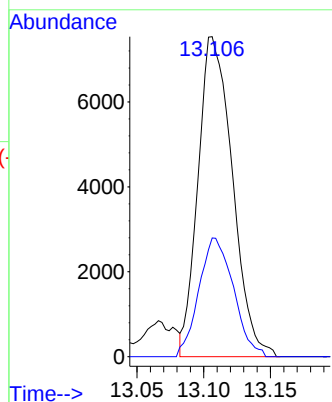
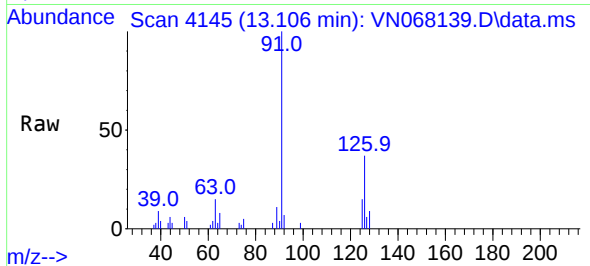




#82
4-Chlorotoluene
Concen: 0.940 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

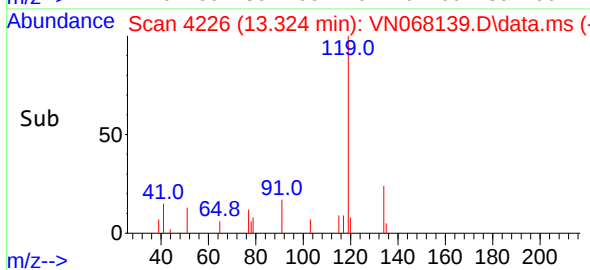
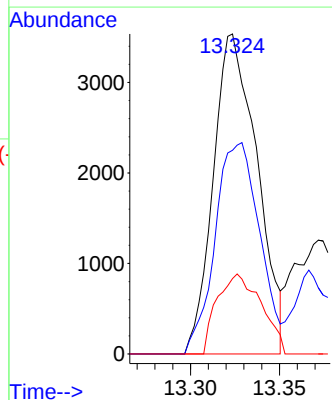
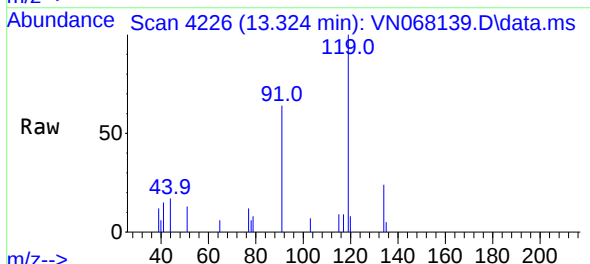
Instrument :
MSVOA_N
ClientSampled :
IBLK

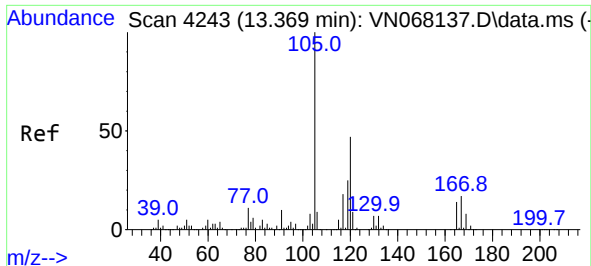
Tgt Ion: 91 Resp: 13480
Ion Ratio Lower Upper
91 100
126 37.3 14.8 44.4



#83
tert-Butylbenzene
Concen: 0.379 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.002 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion: 119 Resp: 6058
Ion Ratio Lower Upper
119 100
91 66.9 39.5 118.5
134 25.2 12.0 36.0

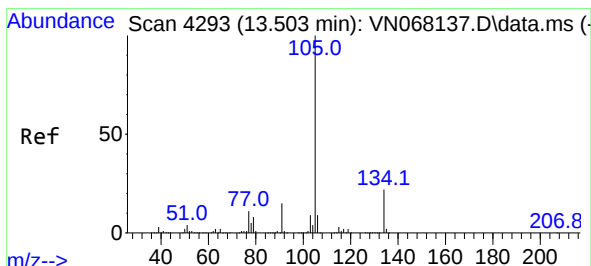
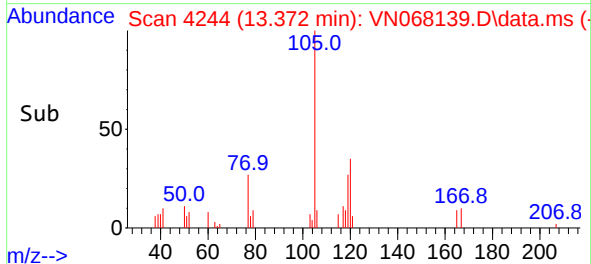
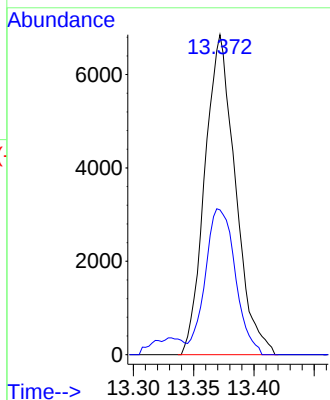
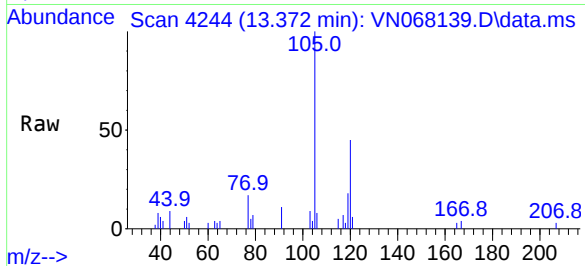




#84
1,2,4-Trimethylbenzene
Concen: 0.685 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

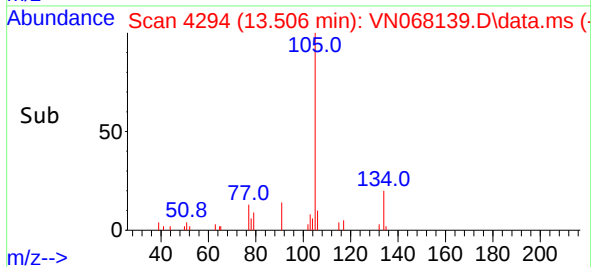
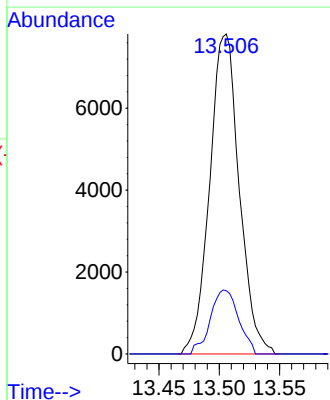
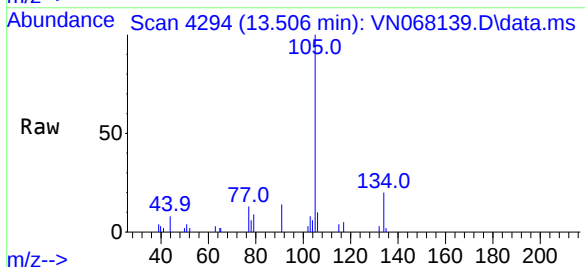
Instrument :
MSVOA_N
ClientSampleId :
IBLK

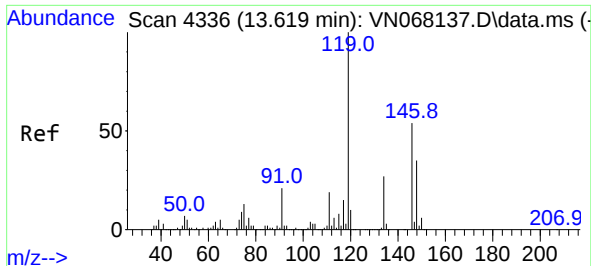
Tgt Ion:105 Resp: 12052
Ion Ratio Lower Upper
105 100
120 44.9 20.6 61.8



#85
sec-Butylbenzene
Concen: 0.633 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:105 Resp: 13331
Ion Ratio Lower Upper
105 100
134 19.1 9.0 27.1

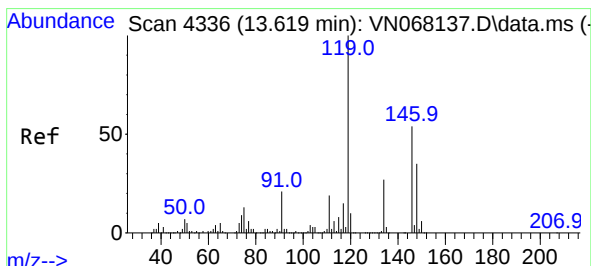
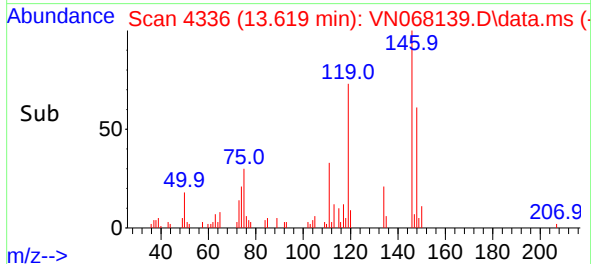
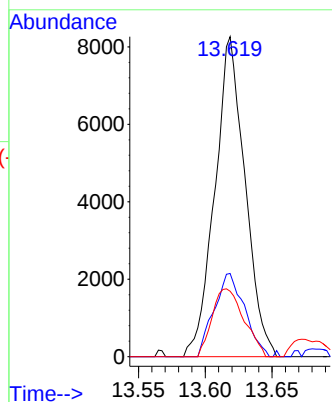
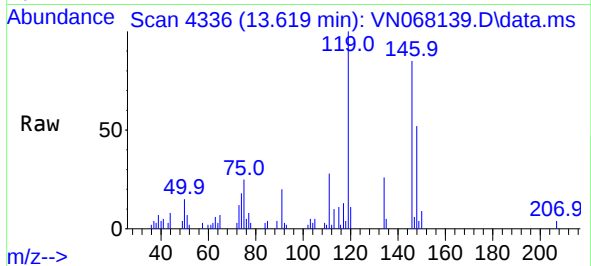




#86
p-Isopropyltoluene
Concen: 0.748 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

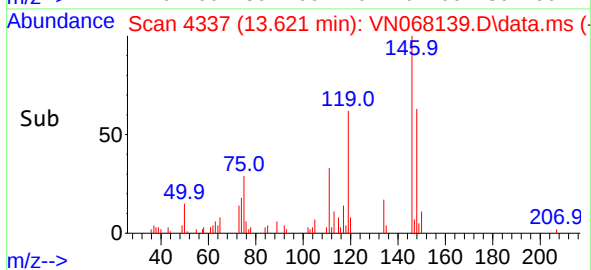
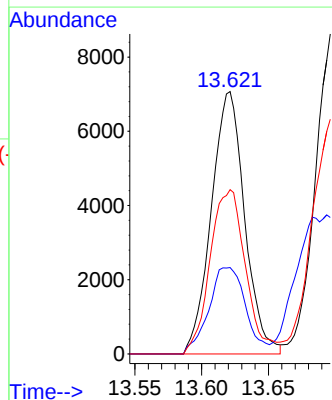
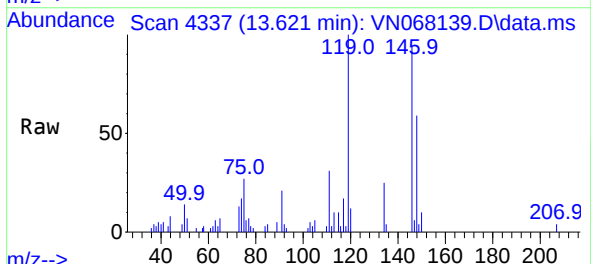
Instrument :
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ClientSampled :
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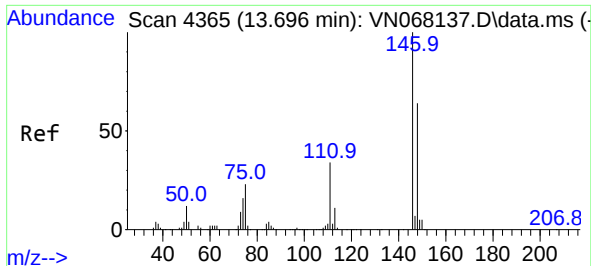
Tgt Ion:	119	Resp:	13003
Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.4	37.4
91	22.3	14.8	44.3



#87
1,3-Dichlorobenzene
Concen: 1.173 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.002 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:	146	Resp:	12278
Ion	Ratio	Lower	Upper
146	100		
111	36.4	24.3	72.8
148	66.4	32.0	96.0

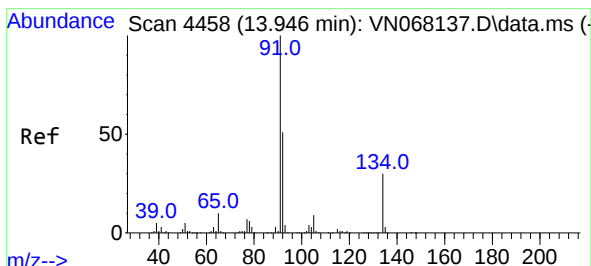
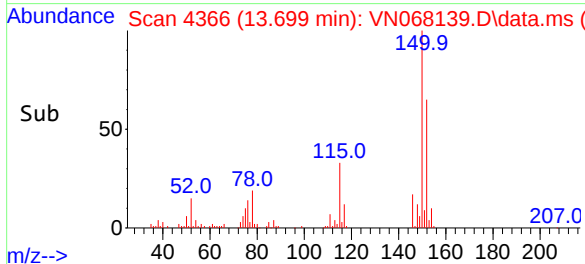
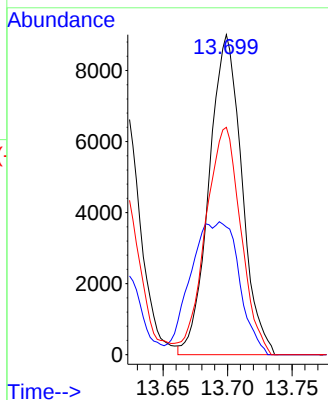
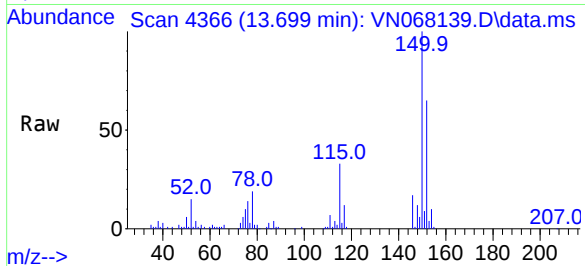




#88
1,4-Dichlorobenzene
Concen: 1.497 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

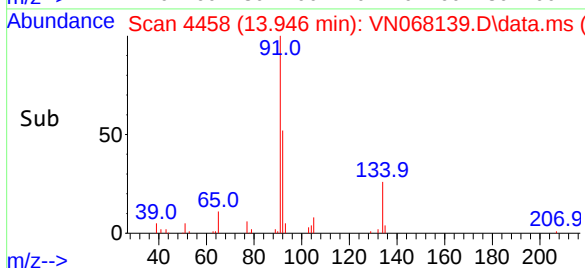
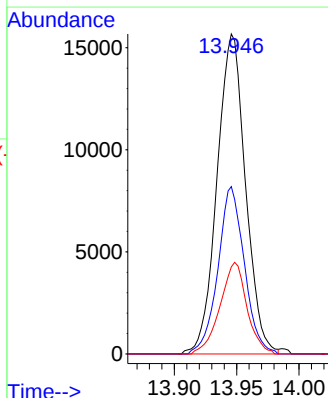
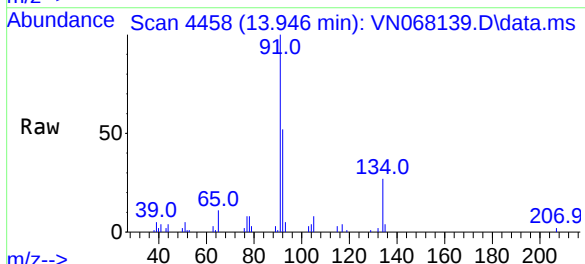
Instrument :
MSVOA_N
ClientSampled :
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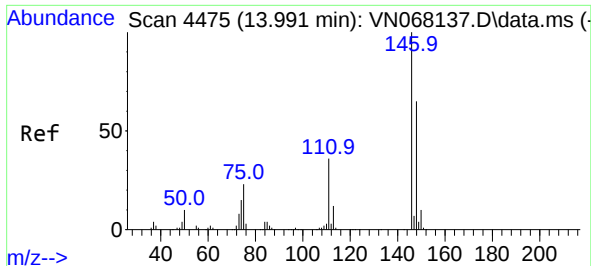
Tgt Ion:	146	Resp:	15867
Ion	Ratio	Lower	Upper
146	100		
111	26.8	23.4	70.2
148	76.9	31.8	95.3



#89
n-Butylbenzene
Concen: 1.920 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:	91	Resp:	24909
Ion	Ratio	Lower	Upper
91	100		
92	48.5	25.7	77.1
134	27.1	11.2	33.6

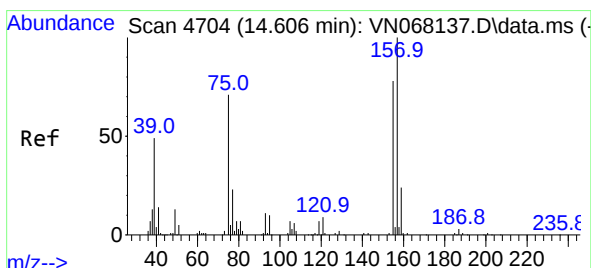
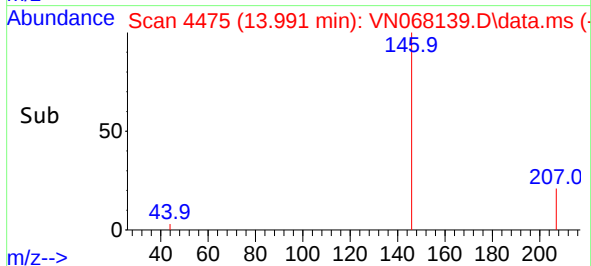
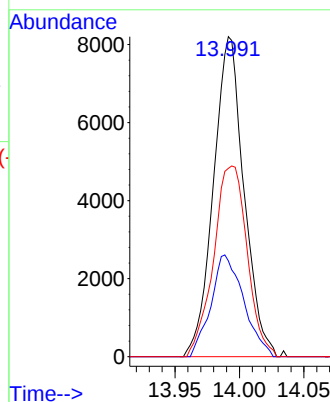
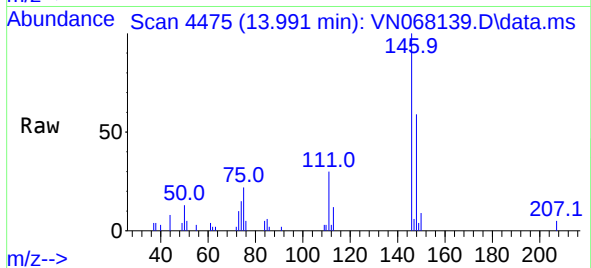




#91
1,2-Dichlorobenzene
Concen: 1.353 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

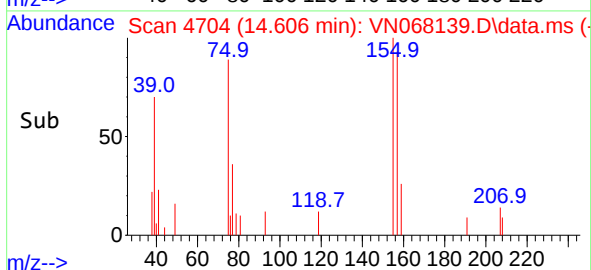
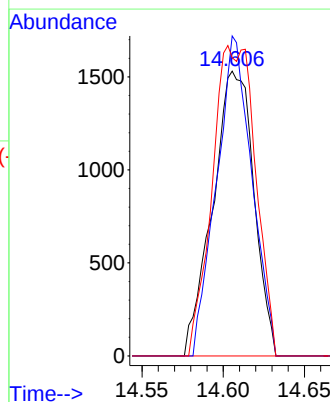
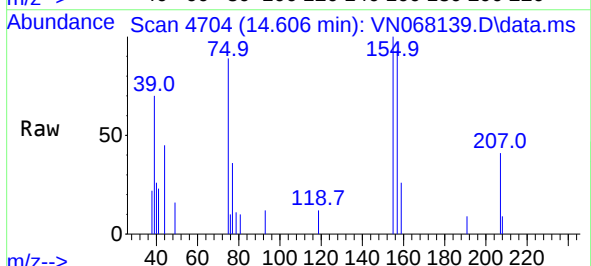
Instrument :
MSVOA_N
ClientSampled :
IBLK

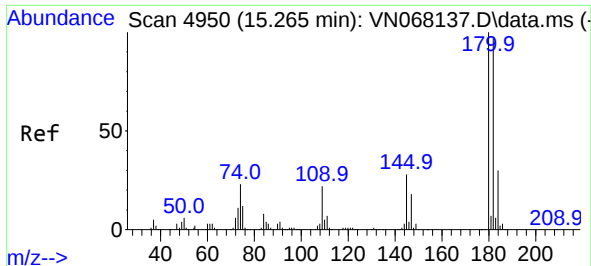
Tgt Ion:	146	Resp:	13486
Ion Ratio	Lower	Upper	
146	100		
111	34.2	24.9	74.6
148	65.6	31.6	95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.662 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:	75	Resp:	2694
Ion Ratio	Lower	Upper	
75	100		
155	96.6	29.8	89.5#
157	67.0	37.6	112.8

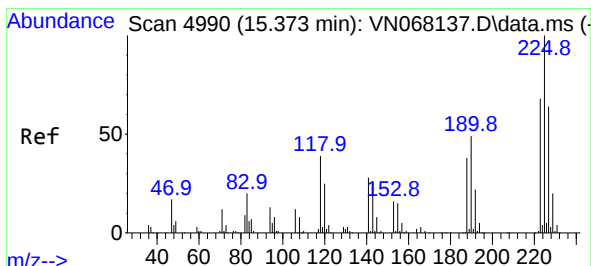
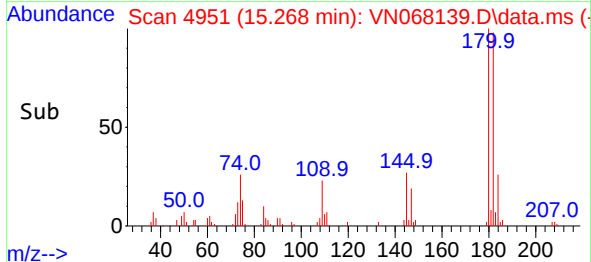
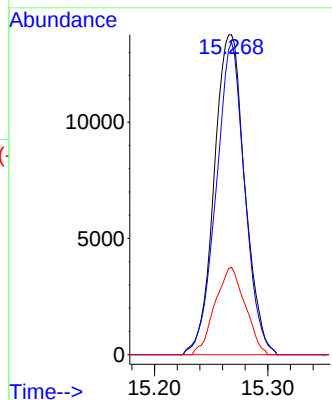
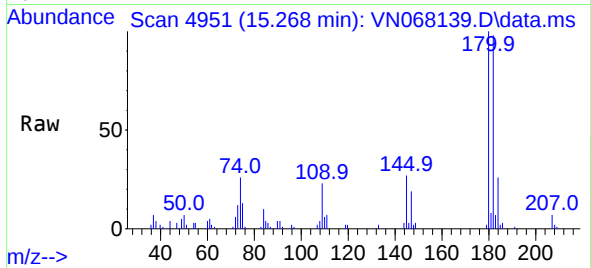




#93
1,2,4-Trichlorobenzene
Concen: 7.353 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

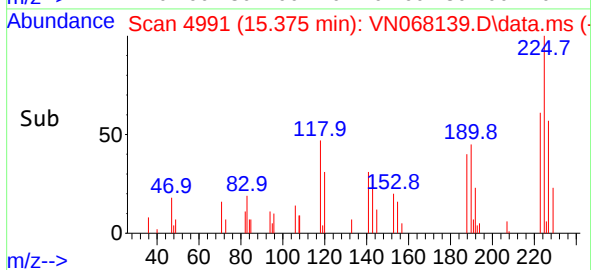
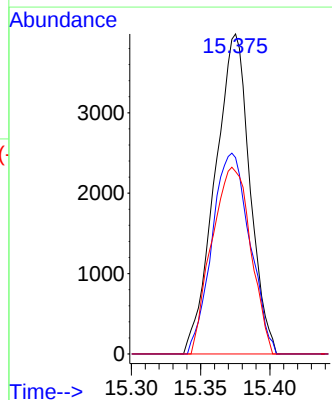
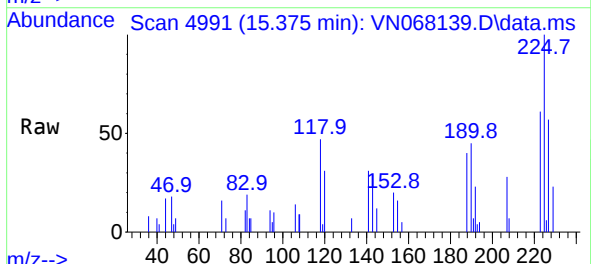
Instrument :
MSVOA_N
ClientSampled :
IBLK

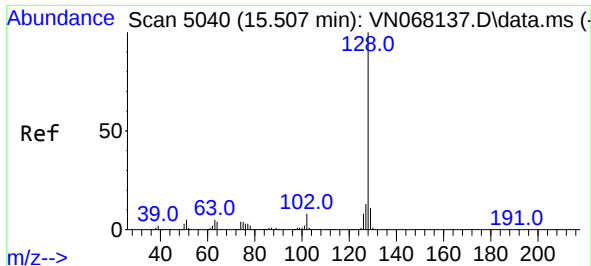
Tgt Ion:180 Resp: 25779
Ion Ratio Lower Upper
180 100
182 91.6 47.5 142.5
145 26.9 17.2 51.6



#94
Hexachlorobutadiene
Concen: 2.582 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.002 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:225 Resp: 6969
Ion Ratio Lower Upper
225 100
223 68.3 31.4 94.0
227 65.1 31.2 93.6

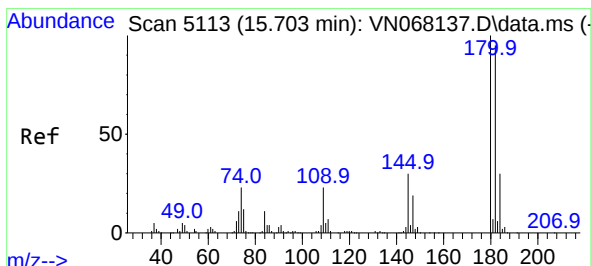
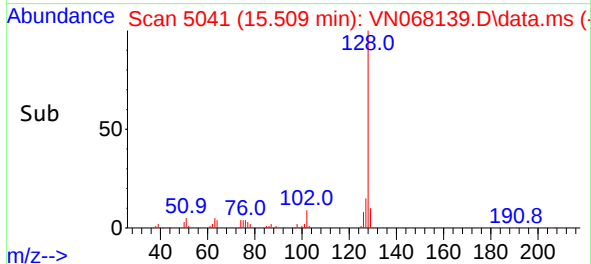
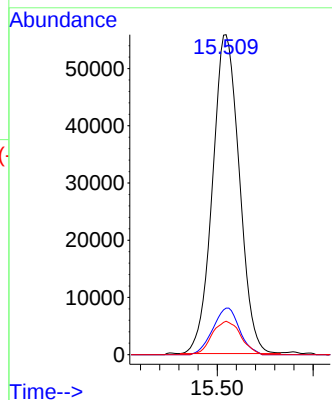
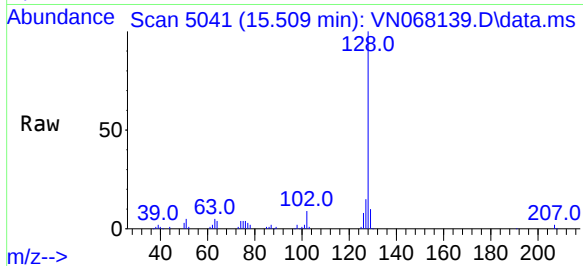




#95
Naphthalene
Concen: 11.554 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:	128	Resp:	108187
Ion Ratio	Lower	Upper	
128	100		
127	14.6	10.6	15.8
129	11.2	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 8.905 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN068139.D
Acq: 17 Aug 2021 12:46

Tgt Ion:	180	Resp:	31941
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.8	143.3
145	30.1	18.2	54.6

