

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071670.D
 Acq On : 30 Mar 2022 19:44
 Operator : JC\MD
 Sample : N2075-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D1-20220322

Quant Time: Mar 31 01:37:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	661357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1110980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1103886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	392686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	375538	49.739	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.480%
35) Dibromofluoromethane	8.016	113	316579	48.425	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.860%
50) Toluene-d8	10.439	98	1372101	51.306	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.727	95	455213	52.631	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.260%

Target Compounds				Qvalue		
3) Chloromethane	2.299	50	2048	0.307	ug/l	89
5) Bromomethane	2.857	94	1354	0.285	ug/l #	72
6) Chloroethane	3.198	64	555	0.105	ug/l #	42
7) Trichlorofluoromethane	3.375	101	774	0.083	ug/l #	43
10) Methyl Iodide	4.445	142	573	0.071	ug/l #	44
11) Tert butyl alcohol	5.328	59	1489	1.215	ug/l #	72
12) 1,1-Dichloroethene	4.175	96	1446	0.265	ug/l #	76
13) Acrolein	4.051	56	60	0.040	ug/l #	16
14) Allyl chloride	4.640	41	209	0.024	ug/l #	76
16) Acetone	4.298	43	4810	1.491	ug/l	95
17) Carbon Disulfide	4.534	76	841	0.067	ug/l #	75
18) Methyl Acetate	4.851	43	3467	Below Cal	#	55
19) Methyl tert-butyl Ether	5.628	73	5164	0.255	ug/l #	79
20) Methylene Chloride	5.092	84	223	0.033	ug/l #	76
21) trans-1,2-Dichloroethene	5.587	96	288	0.048	ug/l #	1
24) 1,1-Dichloroethane	6.381	63	986	0.087	ug/l #	82
25) 2-Butanone	7.316	43	61	0.013	ug/l #	1
27) cis-1,2-Dichloroethene	7.322	96	70225	9.556	ug/l	90
30) Chloroform	7.822	83	1909	0.160	ug/l #	82
31) Cyclohexane	8.086	56	11212	1.092	ug/l #	1
32) 1,1,1-Trichloroethane	8.010	97	486	0.048	ug/l #	24
36) 1,1-Dichloropropene	8.081	75	45804	5.017	ug/l #	49
37) Ethyl Acetate	7.363	43	55	0.006	ug/l #	67
38) Carbon Tetrachloride	8.081	117	59915	6.696	ug/l #	17
39) Methylcyclohexane	9.216	83	7609	0.700	ug/l #	1
40) Benzene	8.457	78	590	0.020	ug/l #	51
42) 1,2-Dichloroethane	8.528	62	1006	0.101	ug/l #	74
43) Isopropyl Acetate	8.604	43	5091	0.306	ug/l #	53
44) Trichloroethene	9.210	130	699829	94.192	ug/l	98
45) 1,2-Dichloropropane	9.210	63	1820	0.253	ug/l #	1
51) 4-Methyl-2-Pentanone	10.322	43	353	0.037	ug/l #	33
52) Toluene	10.498	92	246	0.013	ug/l	99
53) t-1,3-Dichloropropene	10.439	75	225	0.022	ug/l #	1
54) cis-1,3-Dichloropropene	10.422	75	74	0.007	ug/l #	1
55) 1,1,2-Trichloroethane	10.892	97	851	0.113	ug/l #	66
59) 2-Hexanone	11.086	43	993	0.148	ug/l #	29

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

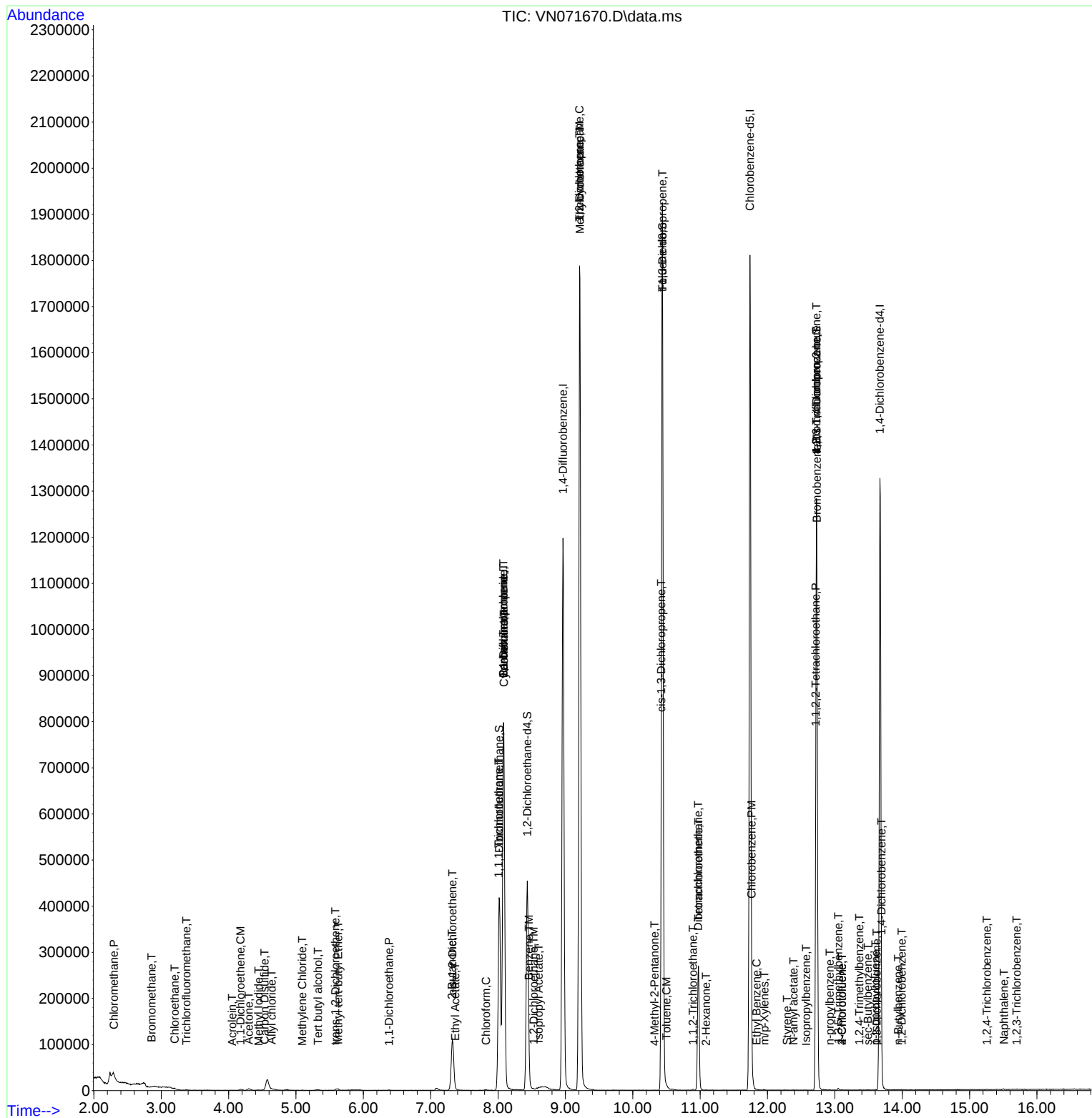
60) Dibromochloromethane	10.969	129	60898	8.324	ug/l #	11
64) Tetrachloroethene	10.974	164	69038	9.471	ug/l	98
65) Chlorobenzene	11.763	112	124	0.006	ug/l #	43
67) Ethyl Benzene	11.839	91	399	0.011	ug/l #	44
68) m/p-Xylenes	11.957	106	163	0.011	ug/l #	1
70) Styrene	12.292	104	82	0.004	ug/l #	26
73) Isopropylbenzene	12.574	105	140	0.004	ug/l #	48
74) N-amyl acetate	12.386	43	248	0.026	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.716	83	274	0.025	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	222543	24.464	ug/l #	1
77) Bromobenzene	12.733	156	57	0.007	ug/l #	1
78) n-propylbenzene	12.921	91	809	0.023	ug/l #	52
79) 2-Chlorotoluene	13.104	91	535	0.024	ug/l	87
80) 1,3,5-Trimethylbenzene	13.051	105	191	0.007	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.727	75	222543	75.812	ug/l #	10
82) 4-Chlorotoluene	13.104	91	535	0.026	ug/l	87
84) 1,2,4-Trimethylbenzene	13.363	105	343	0.013	ug/l #	30
85) sec-Butylbenzene	13.492	105	400	0.013	ug/l #	56
86) p-Isopropyltoluene	13.604	119	353	0.014	ug/l #	51
87) 1,3-Dichlorobenzene	13.621	146	330	0.025	ug/l #	52
88) 1,4-Dichlorobenzene	13.692	146	691	0.054	ug/l #	1
89) n-Butylbenzene	13.939	91	477	0.026	ug/l #	70
91) 1,2-Dichlorobenzene	13.992	146	262	0.020	ug/l	73
93) 1,2,4-Trichlorobenzene	15.257	180	216	2.119	ug/l #	65
95) Naphthalene	15.509	128	1381	3.874	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.698	180	336	2.467	ug/l #	78

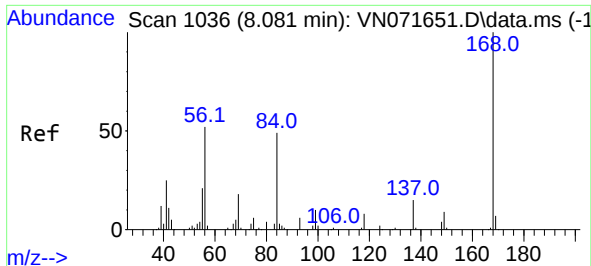
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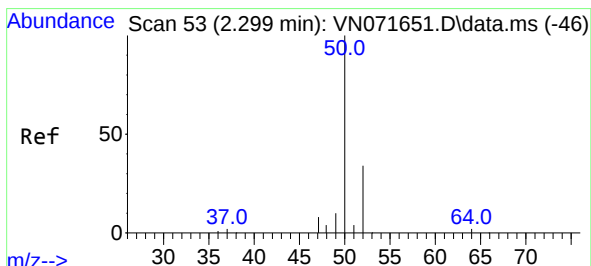
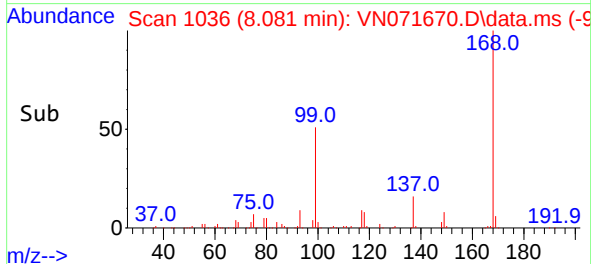
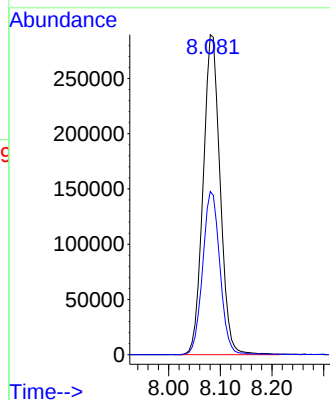
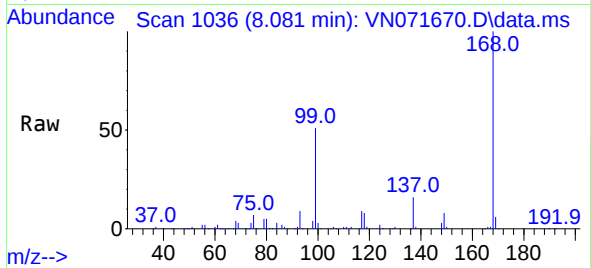




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071670.D
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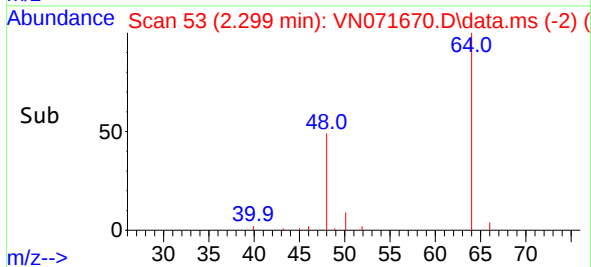
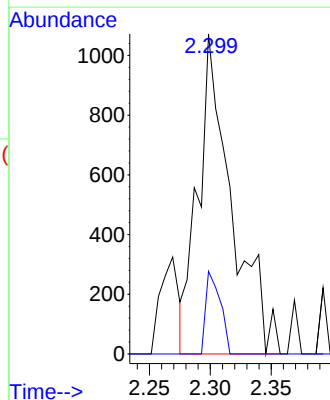
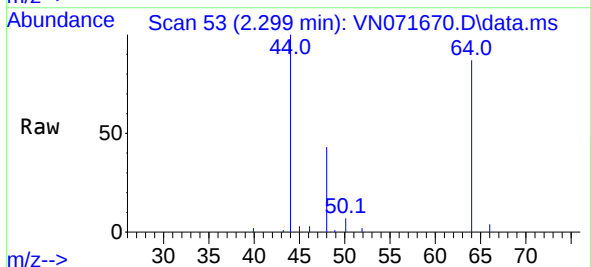
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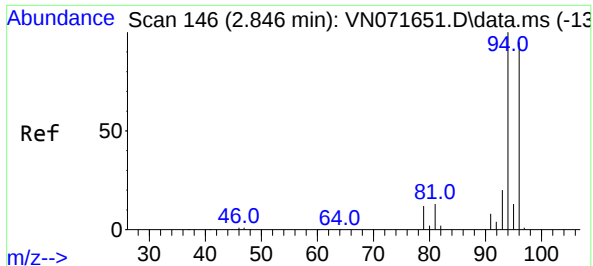
Tgt Ion:168 Resp: 661357
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5



#3
Chloromethane
Concen: 0.307 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 50 Resp: 2048
Ion Ratio Lower Upper
50 100
52 25.8 25.7 38.5

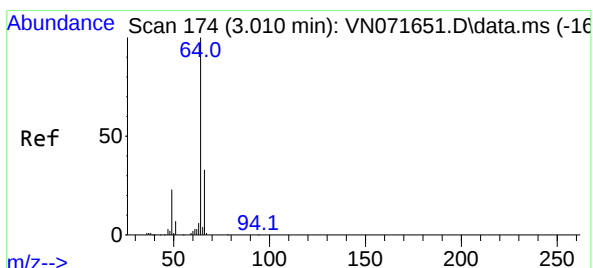
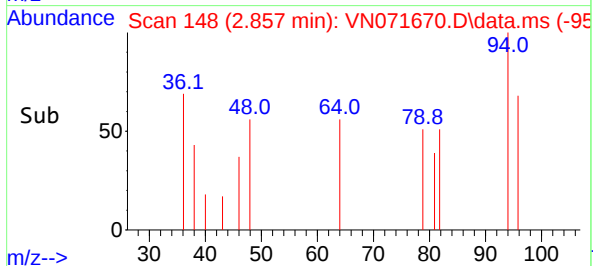
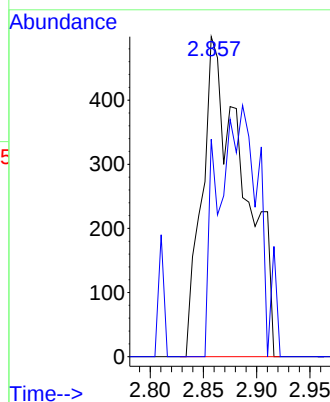
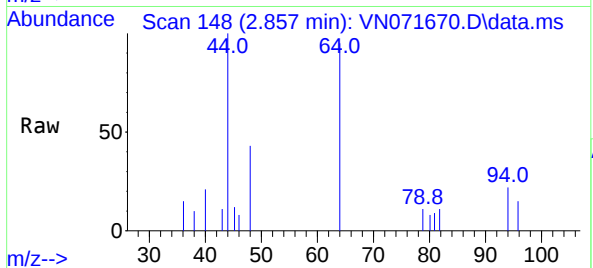




#5
Bromomethane
Concen: 0.285 ug/l
RT: 2.857 min Scan# 146
Delta R.T. 0.011 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

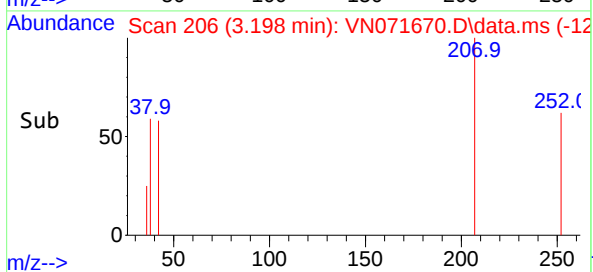
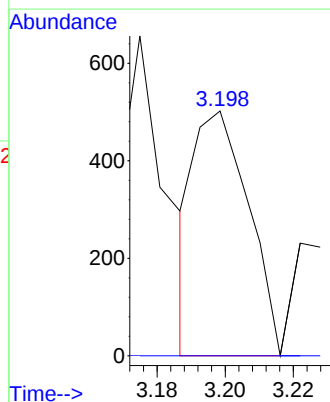
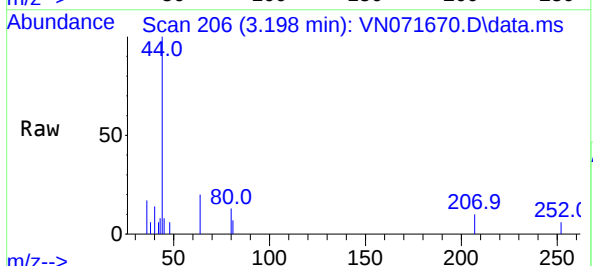
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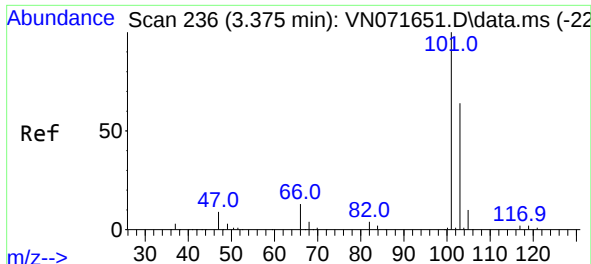
Tgt Ion: 94 Resp: 1354
Ion Ratio Lower Upper
94 100
96 67.9 76.0 114.0#



#6
Chloroethane
Concen: 0.105 ug/l
RT: 3.198 min Scan# 206
Delta R.T. 0.188 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 64 Resp: 555
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

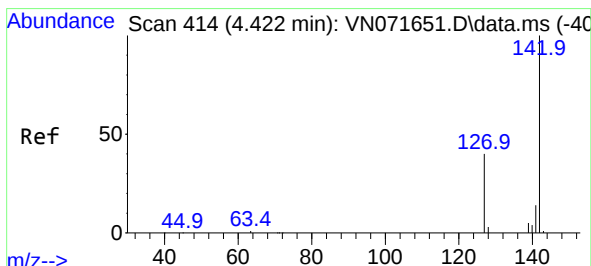
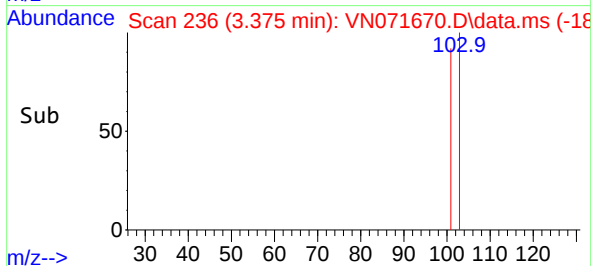
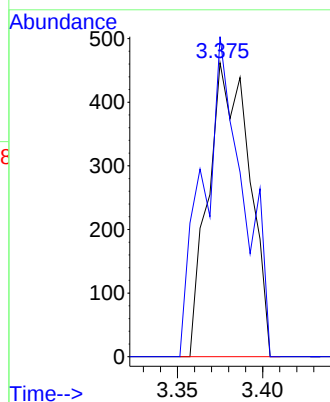
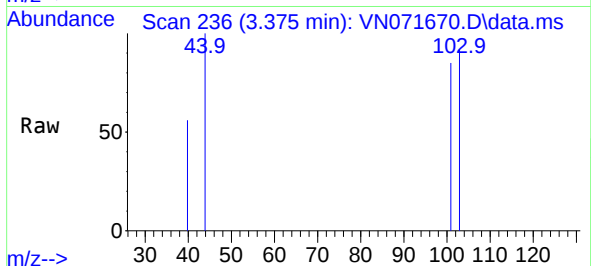




#7
Trichlorofluoromethane
Concen: 0.083 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

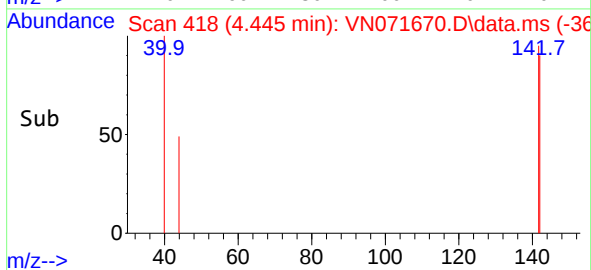
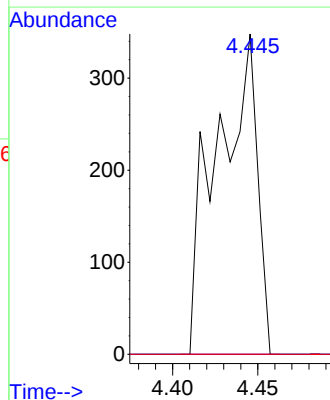
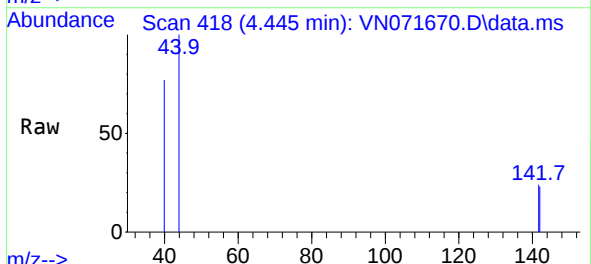
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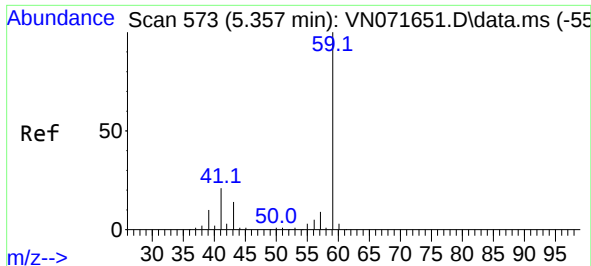
Tgt Ion:101 Resp: 774
Ion Ratio Lower Upper
101 100
103 108.9 51.5 77.3#



#10
Methyl Iodide
Concen: 0.071 ug/l
RT: 4.445 min Scan# 418
Delta R.T. 0.023 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion:142 Resp: 573
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

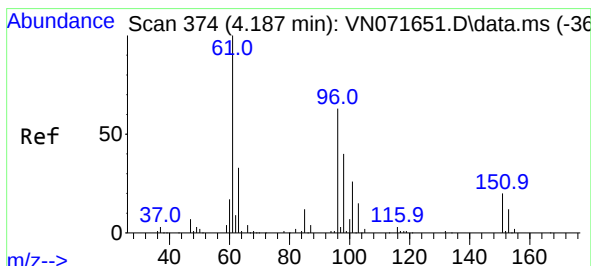
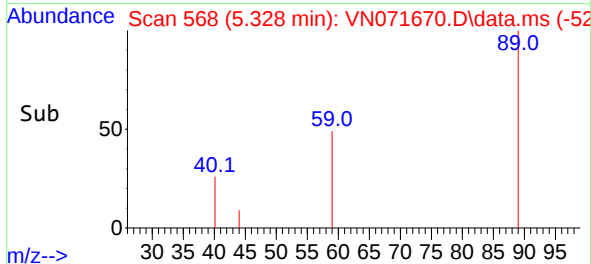
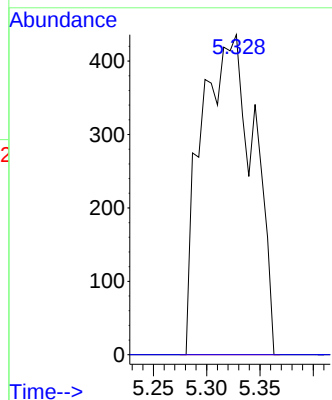
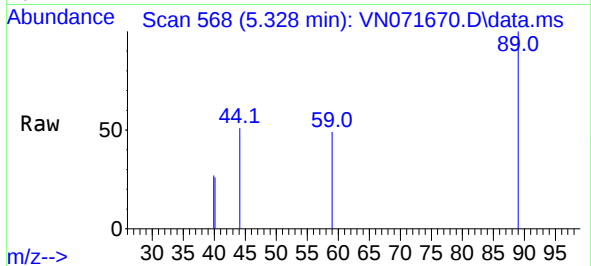




#11
Tert butyl alcohol
Concen: 1.215 ug/l
RT: 5.328 min Scan# 50
Delta R.T. -0.029 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

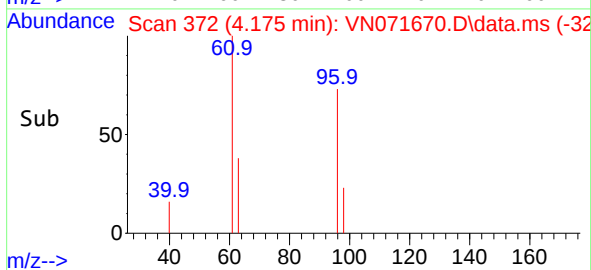
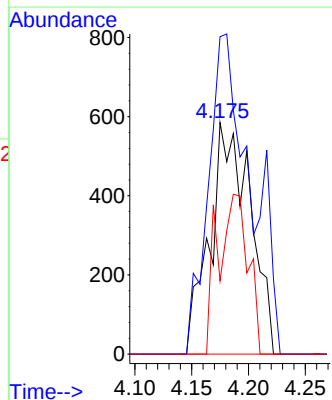
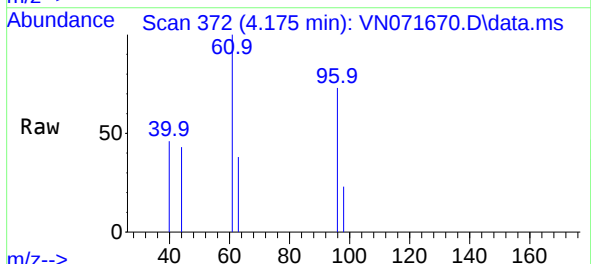
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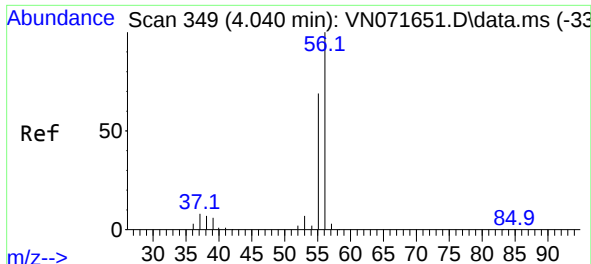
Tgt Ion: 59 Resp: 1489
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.265 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 96 Resp: 1446
Ion Ratio Lower Upper
96 100
61 137.1 127.6 191.4
98 31.6 51.2 76.8#

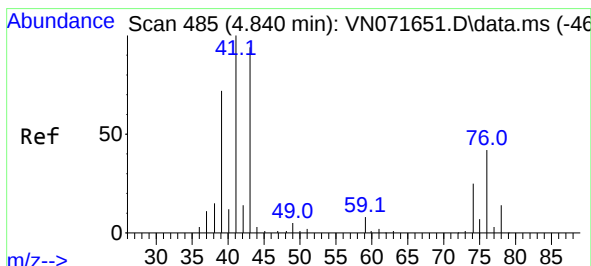
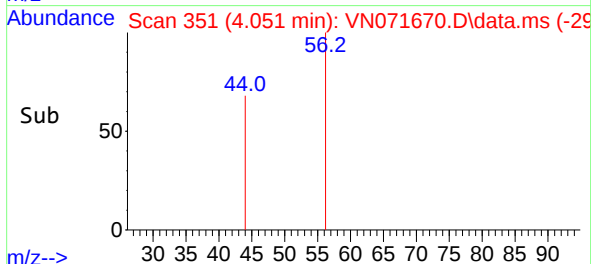
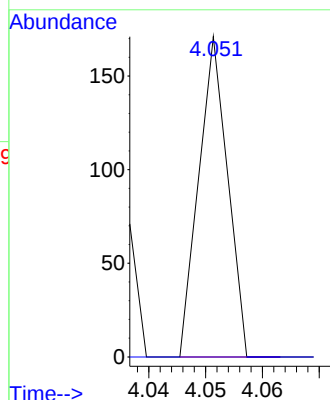
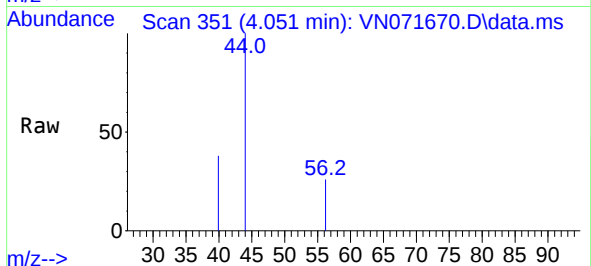




#13
Acrolein
Concen: 0.040 ug/l
RT: 4.051 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

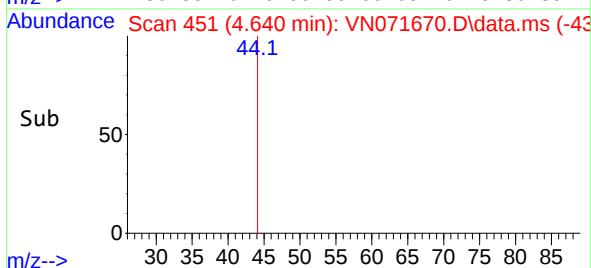
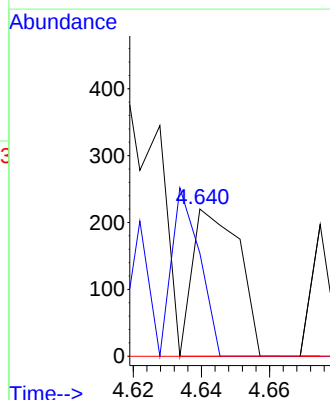
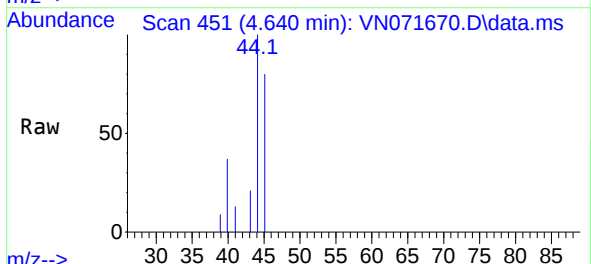
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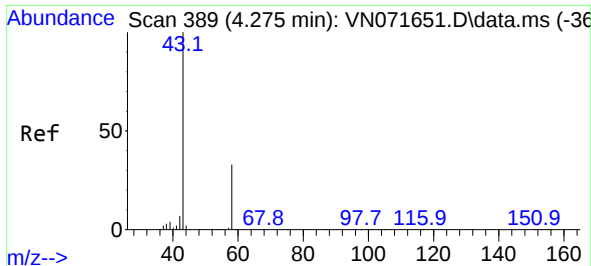
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#14
Allyl chloride
Concen: 0.024 ug/l
RT: 4.640 min Scan# 451
Delta R.T. -0.200 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 41 Resp: 209
Ion Ratio Lower Upper
41 100
39 68.4 53.2 79.8
76 0.0 29.9 44.9#

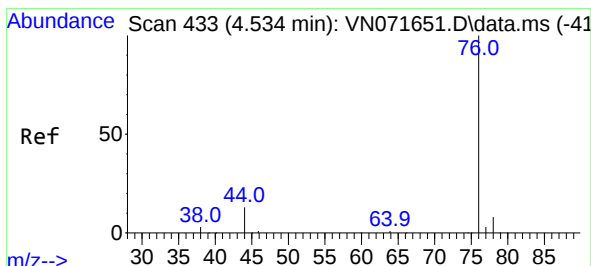
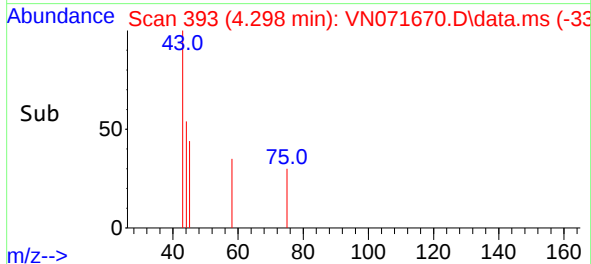
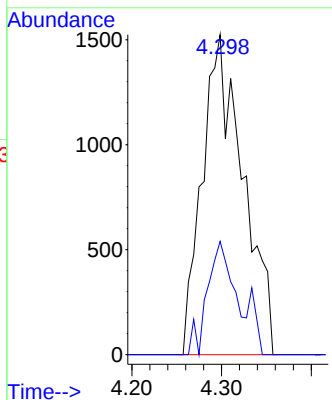
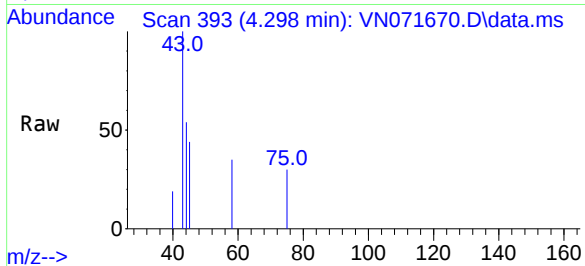




#16
Acetone
Concen: 1.491 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

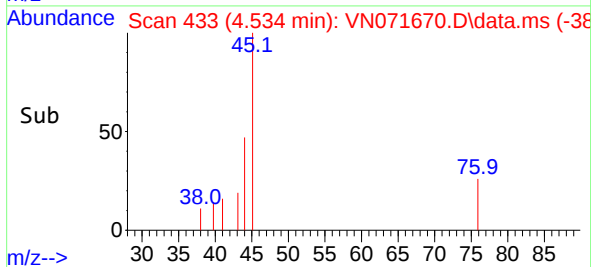
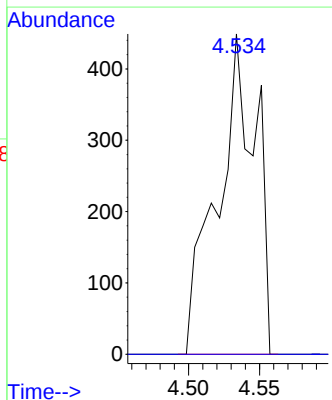
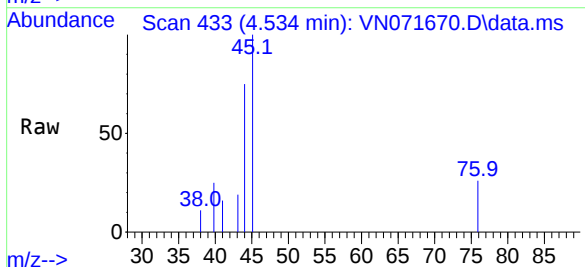
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

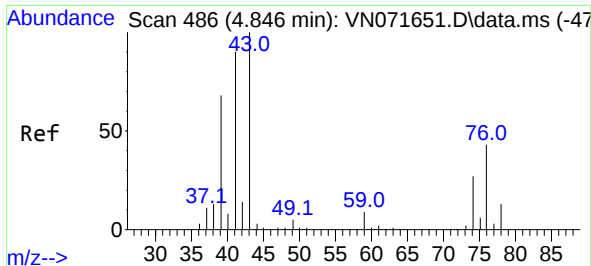
Tgt Ion: 43 Resp: 4810
Ion Ratio Lower Upper
43 100
58 35.4 26.0 39.0



#17
Carbon Disulfide
Concen: 0.067 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 76 Resp: 841
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

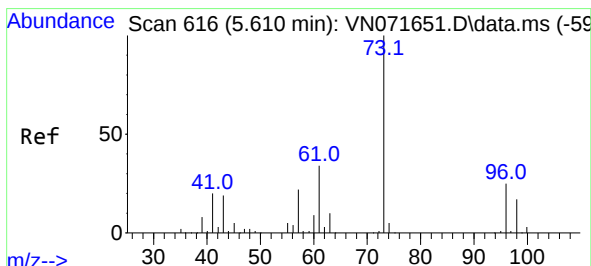
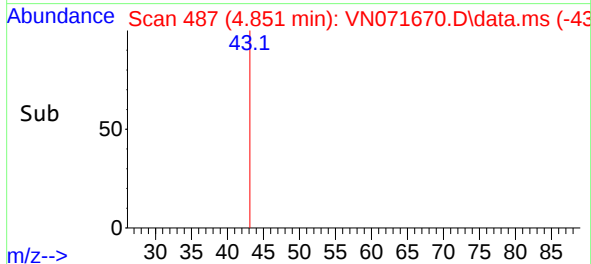
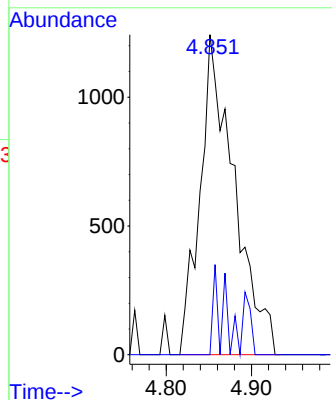
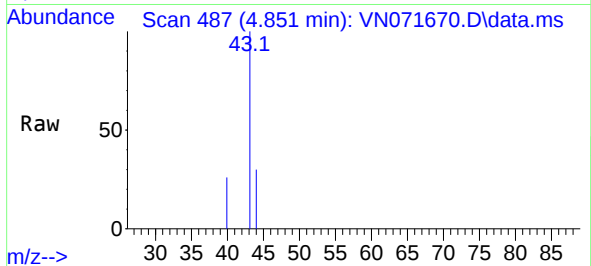




#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

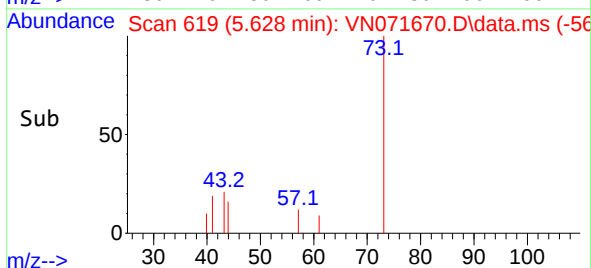
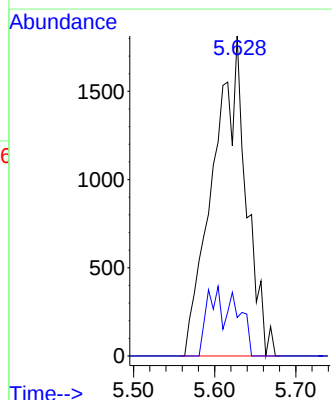
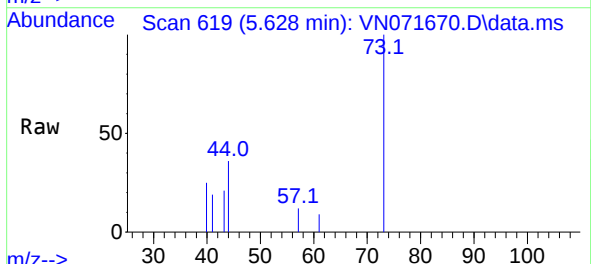
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

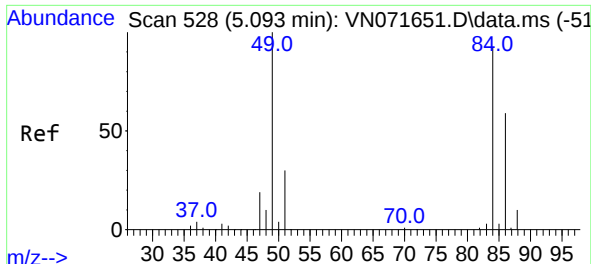
Tgt Ion: 43 Resp: 3467
Ion Ratio Lower Upper
43 100
74 3.6 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 0.255 ug/l
RT: 5.628 min Scan# 619
Delta R.T. 0.018 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 73 Resp: 5164
Ion Ratio Lower Upper
73 100
57 12.0 17.6 26.4#

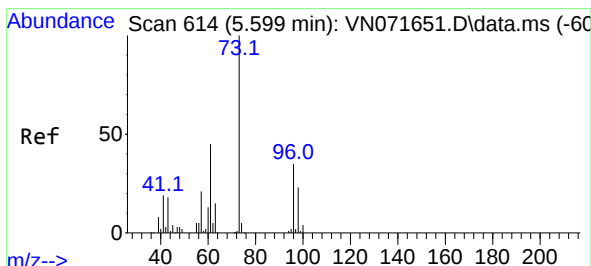
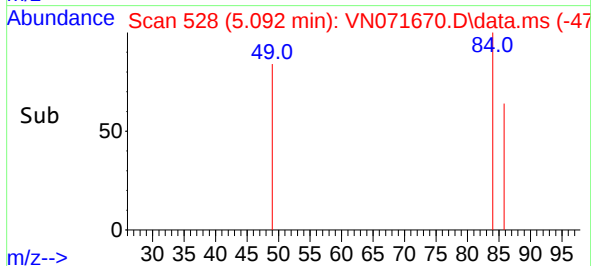
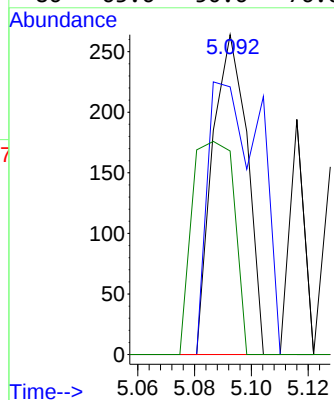
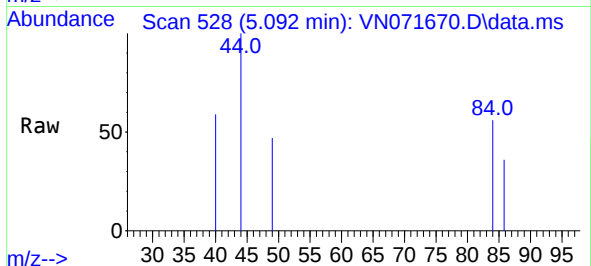




#20
Methylene Chloride
Concen: 0.033 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

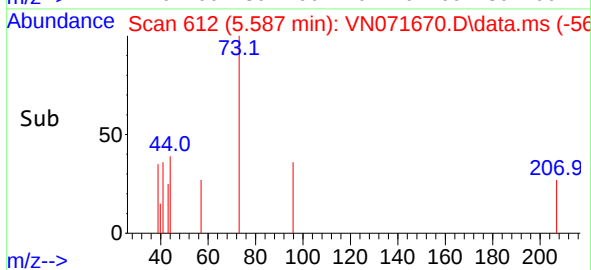
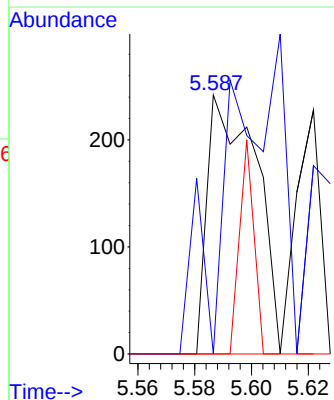
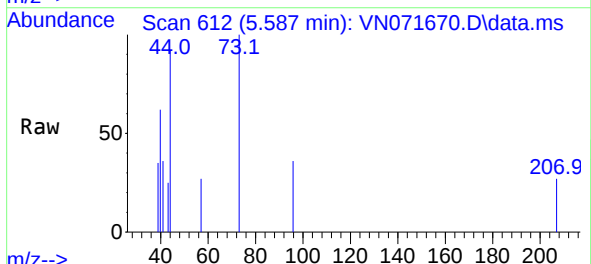
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

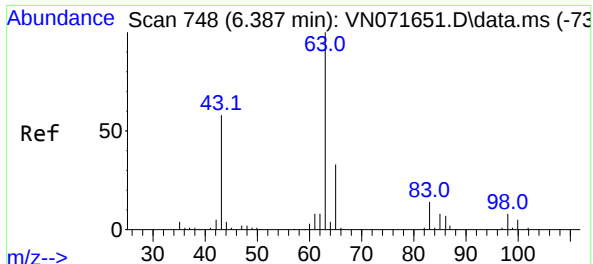
Tgt Ion:	84	Resp:	223
Ion	Ratio	Lower	Upper
84	100		
49	83.7	88.3	132.5#
51	0.0	28.2	42.2#
86	63.6	50.6	76.0



#21
trans-1,2-Dichloroethene
Concen: 0.048 ug/l
RT: 5.587 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion:	96	Resp:	288
Ion	Ratio	Lower	Upper
96	100		
61	0.0	105.8	158.8#
98	0.0	50.3	75.5#

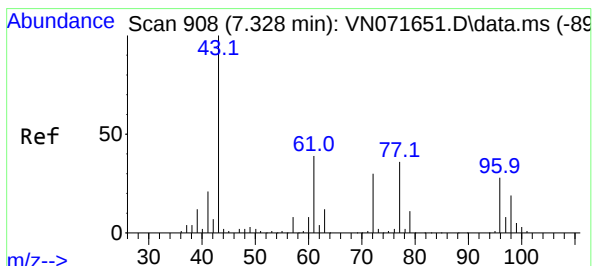
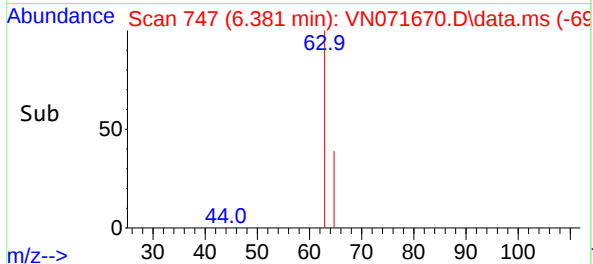
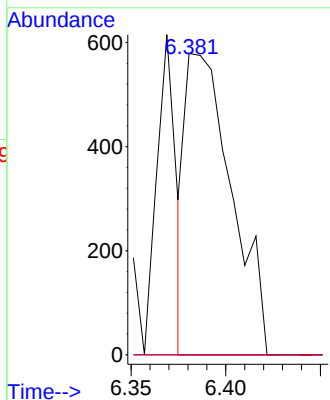
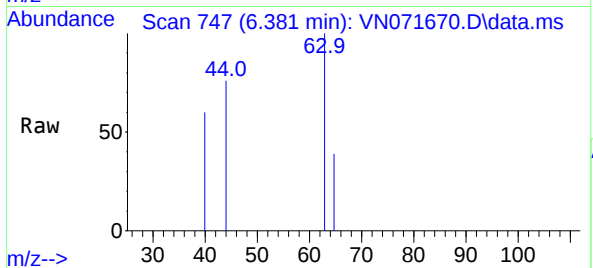




#24
1,1-Dichloroethane
Concen: 0.087 ug/l
RT: 6.381 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

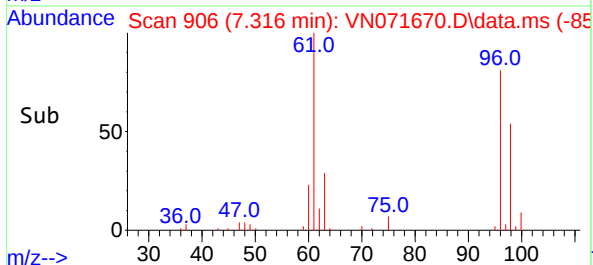
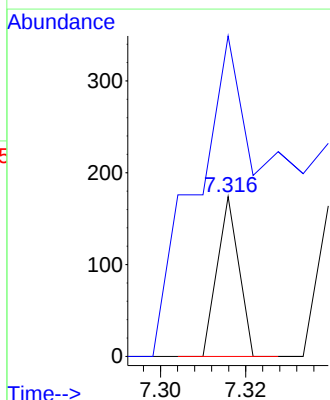
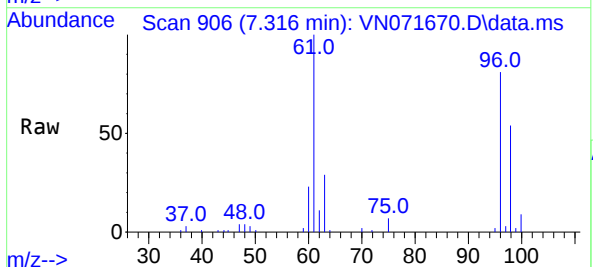
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

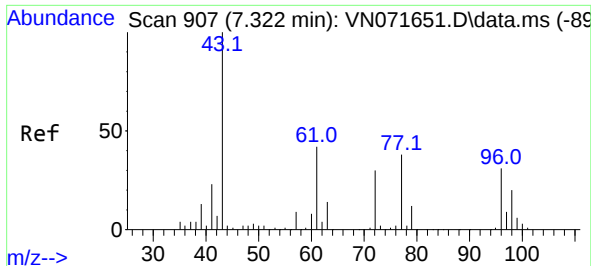
Tgt Ion: 63 Resp: 986
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.8#



#25
2-Butanone
Concen: 0.013 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.012 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
72 99.4 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 9.556 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071670.D

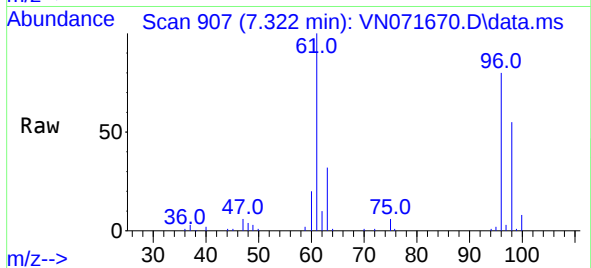
Acq: 30 Mar 2022 19:44

Instrument :

MSVOA_N

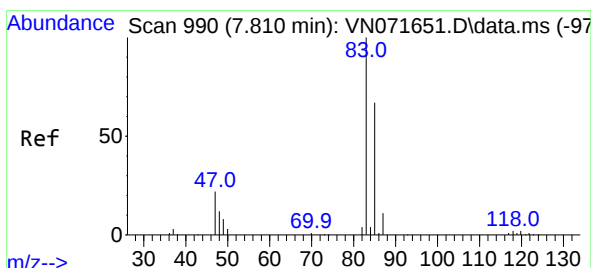
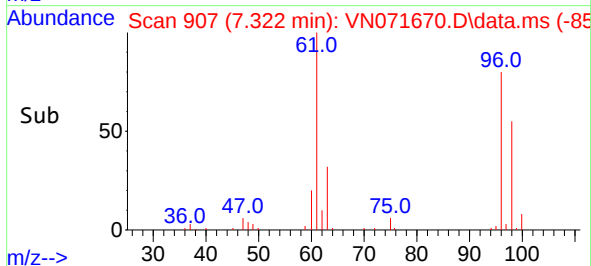
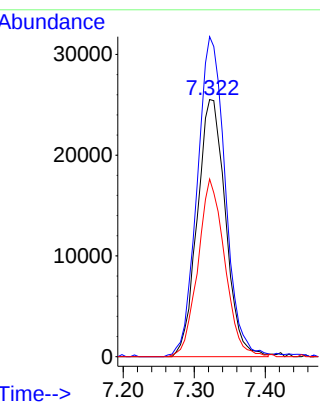
ClientSampleId :

MW179D1-20220322



Tgt Ion: 96 Resp: 70225

Ion	Ratio	Lower	Upper
96	100		
61	123.9	0.0	280.6
98	65.9	0.0	128.4



#30

Chloroform

Concen: 0.160 ug/l

RT: 7.822 min Scan# 992

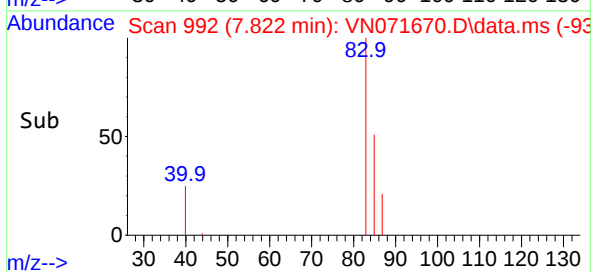
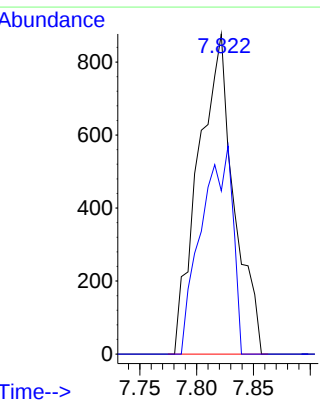
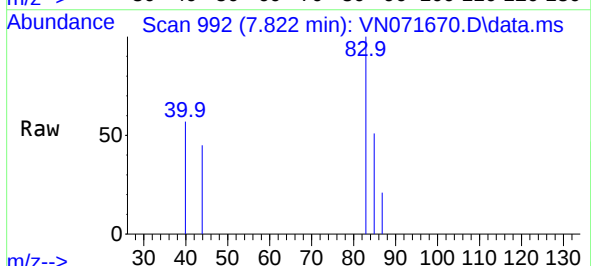
Delta R.T. 0.012 min

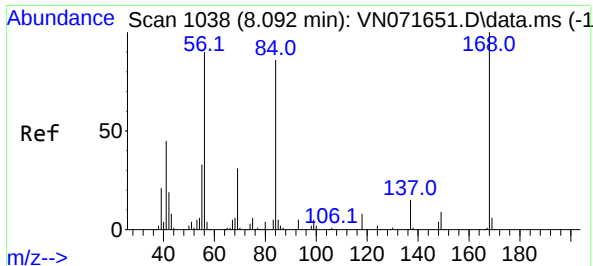
Lab File: VN071670.D

Acq: 30 Mar 2022 19:44

Tgt Ion: 83 Resp: 1909

Ion	Ratio	Lower	Upper
83	100		
85	51.0	51.8	77.8#

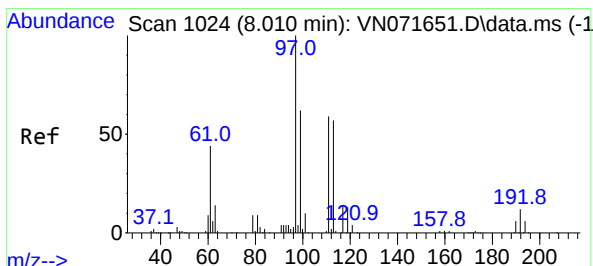
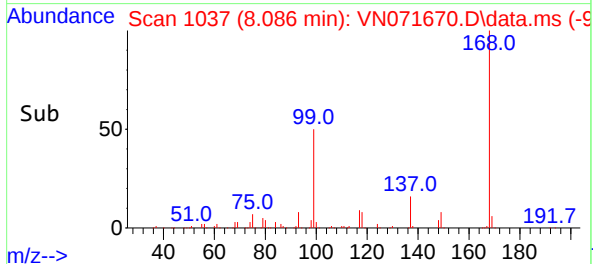
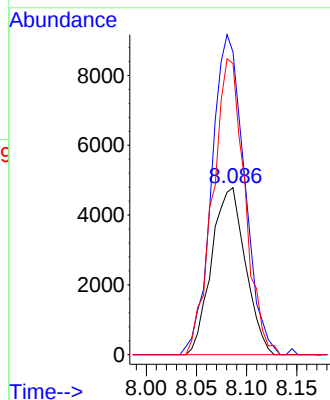
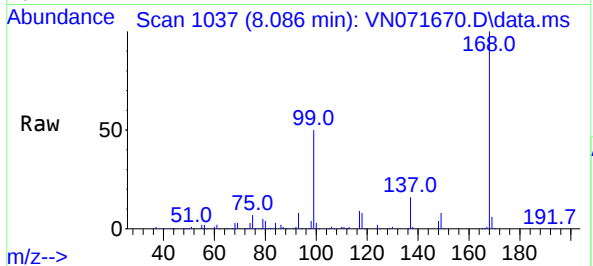




#31
Cyclohexane
Concen: 1.092 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

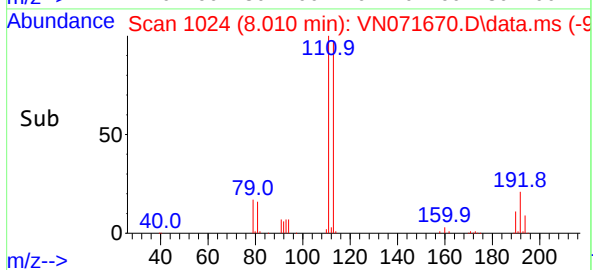
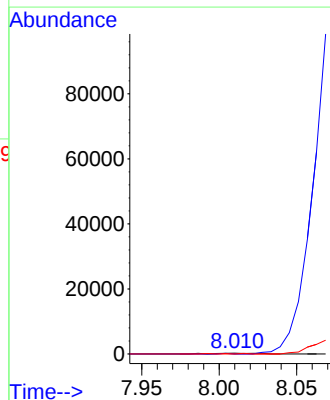
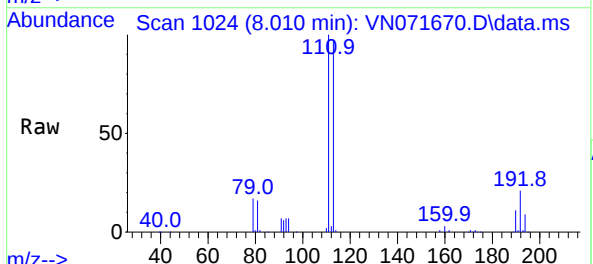
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

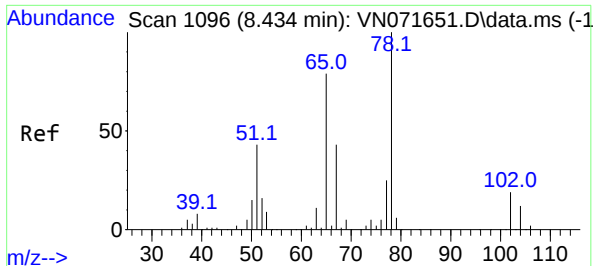
Tgt Ion: 56 Resp: 11212
Ion Ratio Lower Upper
56 100
69 181.2 27.8 41.8#
84 174.3 76.9 115.3#



#32
1,1,1-Trichloroethane
Concen: 0.048 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 97 Resp: 486
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 0.0 36.0 54.0#

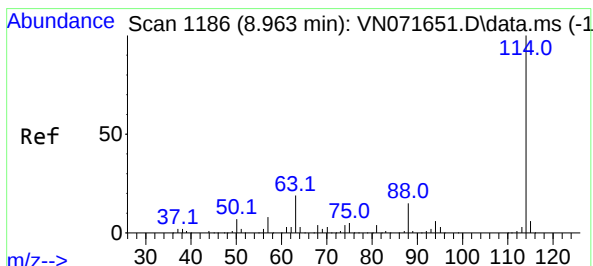
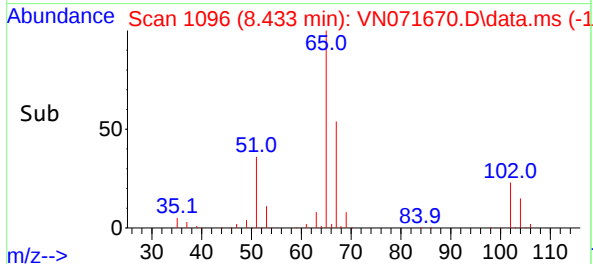
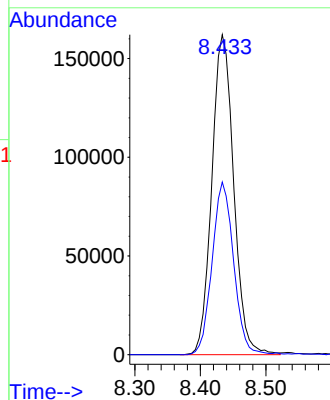
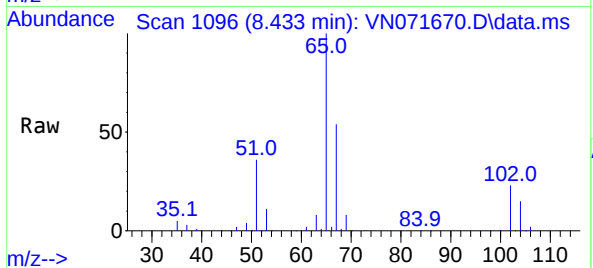




#33
1,2-Dichloroethane-d4
Concen: 49.739 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

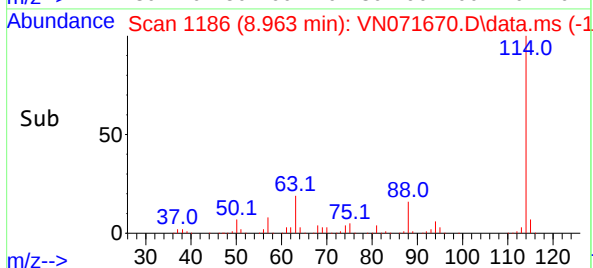
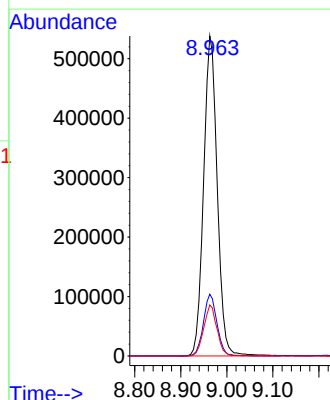
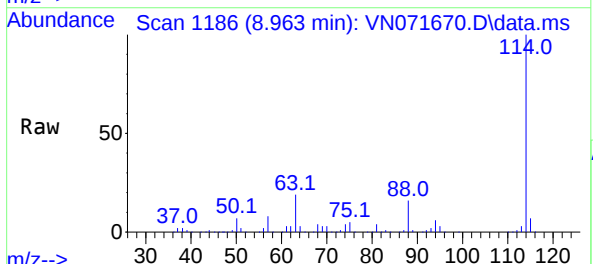
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

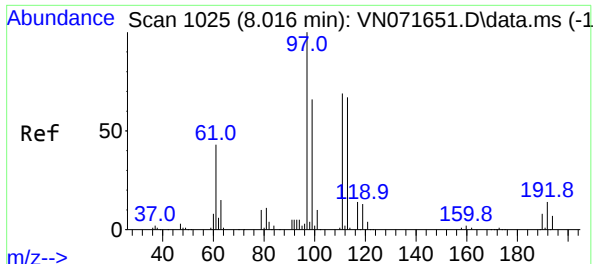
Tgt Ion: 65 Resp: 375538
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion:114 Resp: 1110980
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.9 0.0 32.6

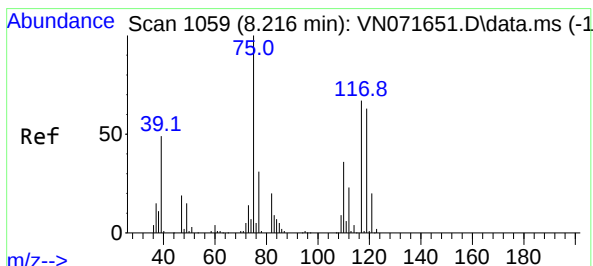
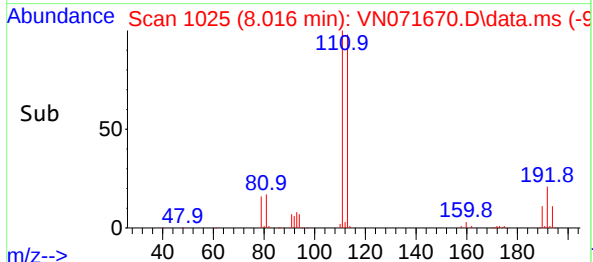
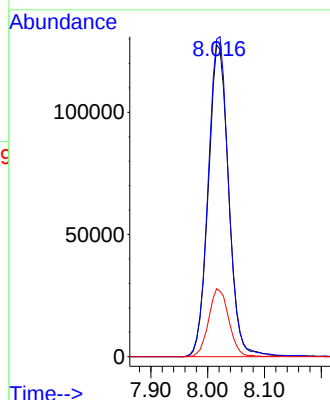
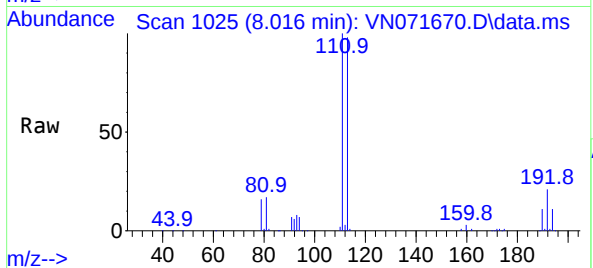




#35
Dibromofluoromethane
Concen: 48.425 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

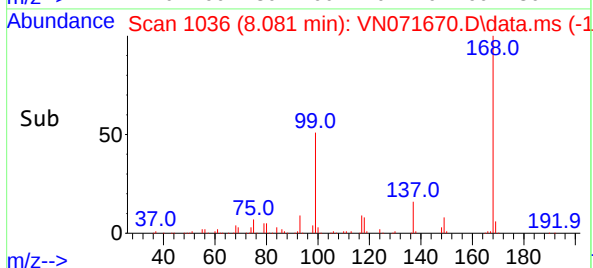
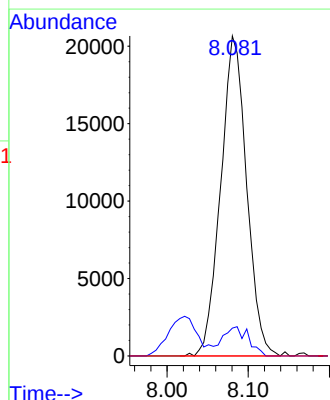
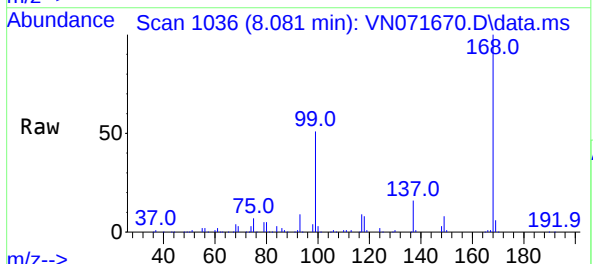
Instrument :
MSVOA_N
ClientSampleId :
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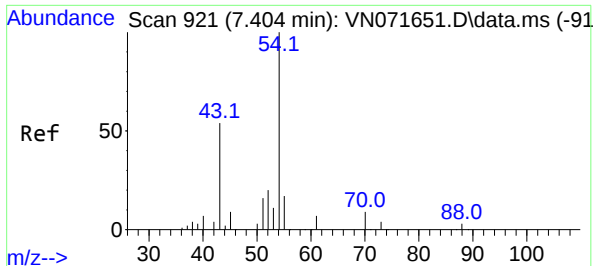
Tgt Ion:113 Resp: 316579
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 75 Resp: 45804
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#

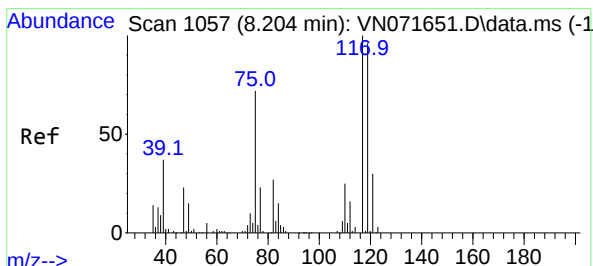
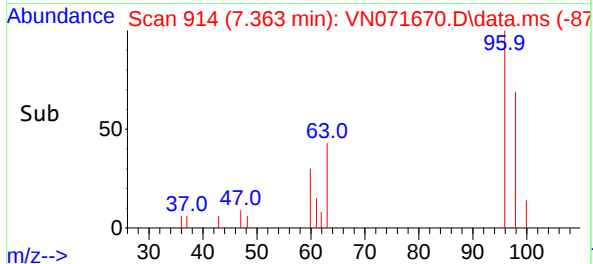
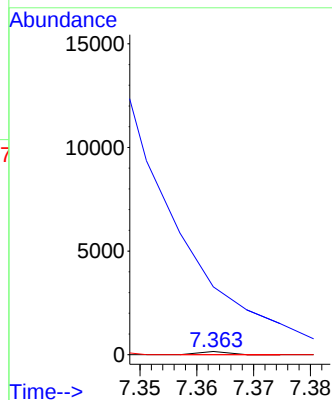
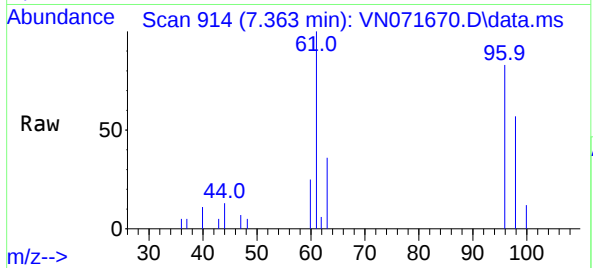




#37
Ethyl Acetate
Concen: 0.006 ug/l
RT: 7.363 min Scan# 91
Delta R.T. -0.041 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

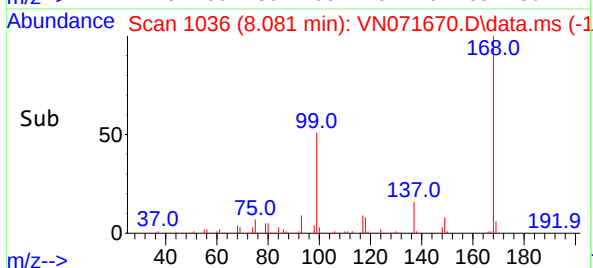
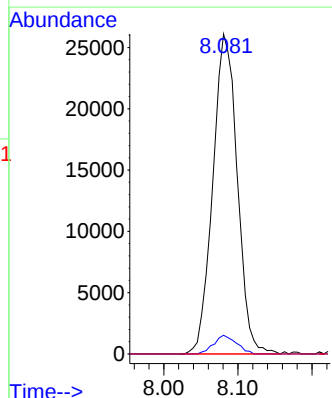
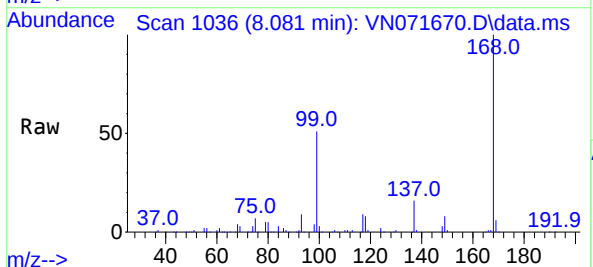
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

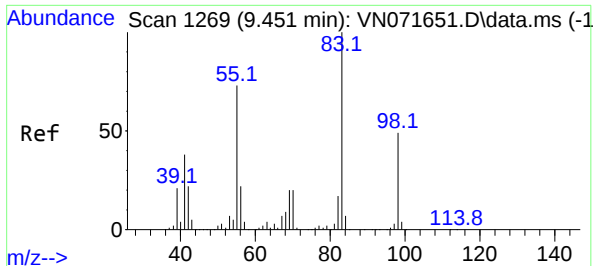
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.696 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 117 Resp: 59915
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.700 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.235 min

Lab File: VN071670.D

Acq: 30 Mar 2022 19:44

Instrument :

MSVOA_N

ClientSampleId :

MW179D1-20220322

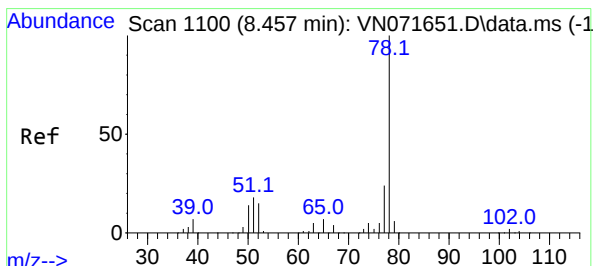
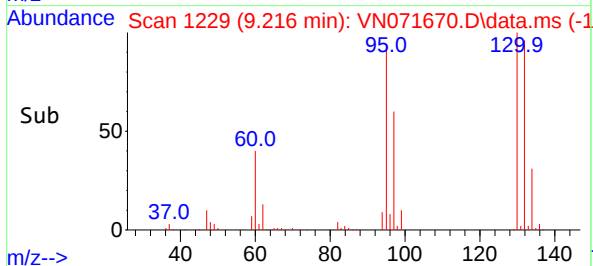
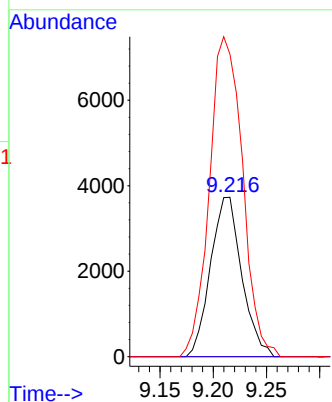
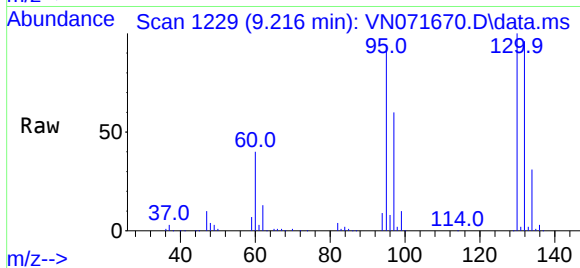
Tgt Ion: 83 Resp: 7609

Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 189.8 39.4 59.2#



#40

Benzene

Concen: 0.020 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071670.D

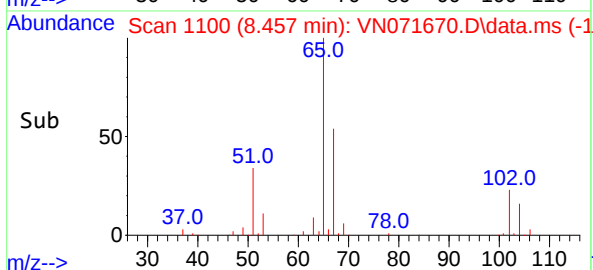
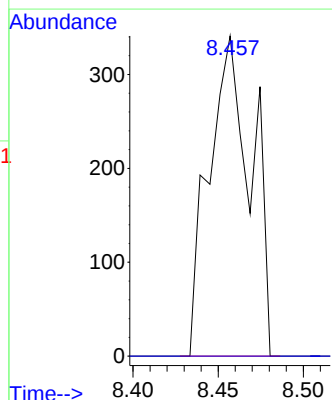
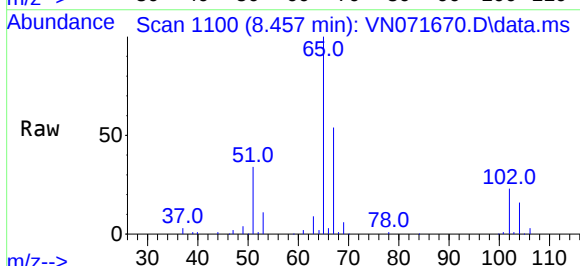
Acq: 30 Mar 2022 19:44

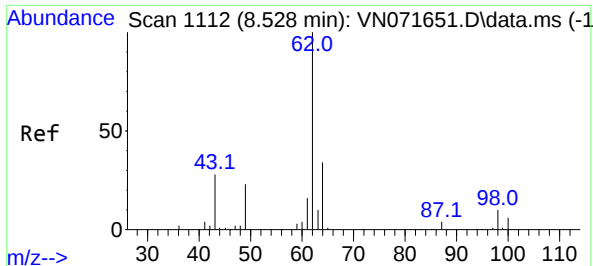
Tgt Ion: 78 Resp: 590

Ion Ratio Lower Upper

78 100

77 0.0 19.4 29.0#

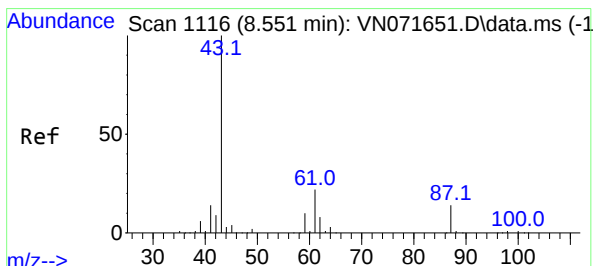
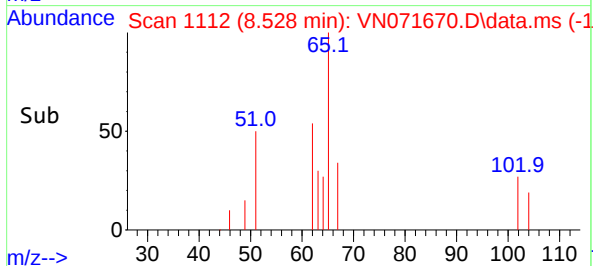
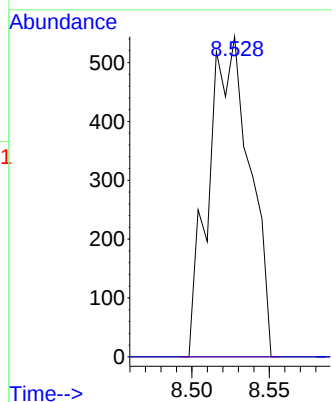
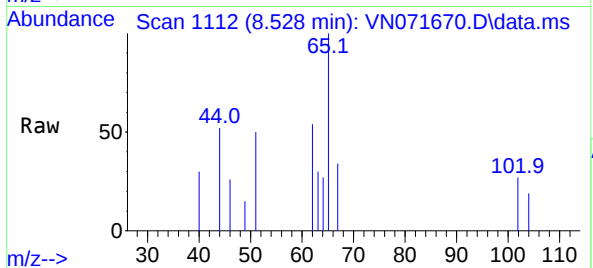




#42
1,2-Dichloroethane
Concen: 0.101 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

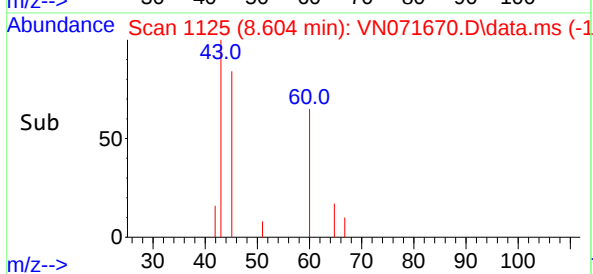
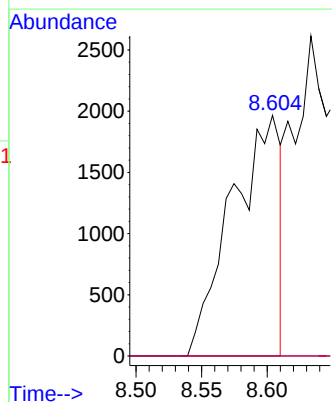
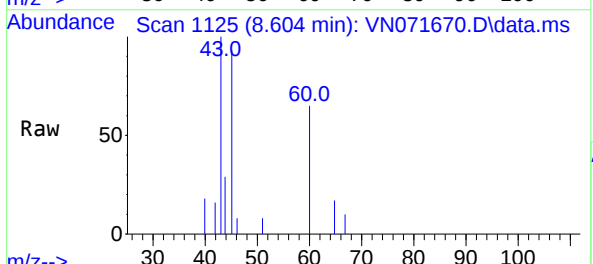
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

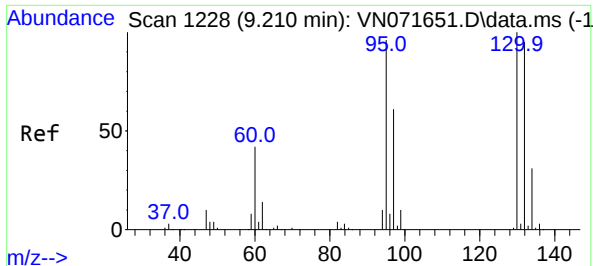
Tgt Ion: 62 Resp: 1006
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 0.306 ug/l
RT: 8.604 min Scan# 1125
Delta R.T. 0.053 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 43 Resp: 5091
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

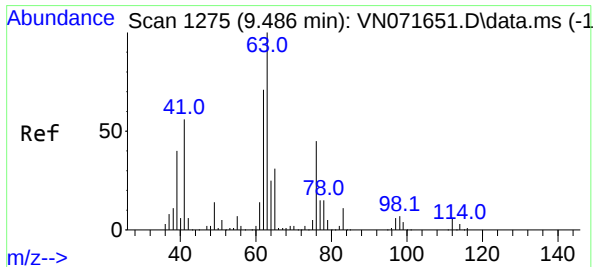
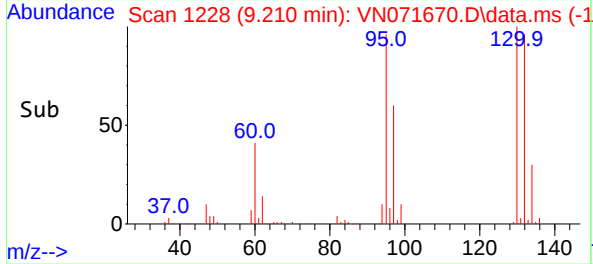
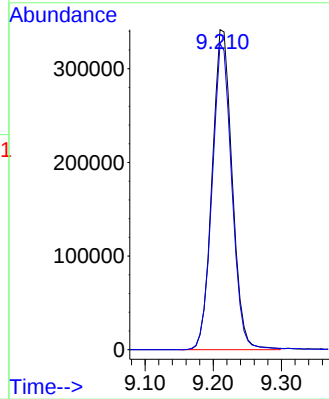
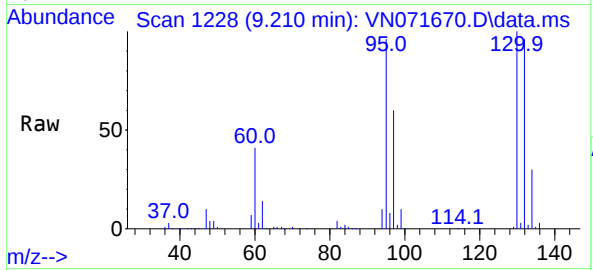




#44
Trichloroethene
Concen: 94.192 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

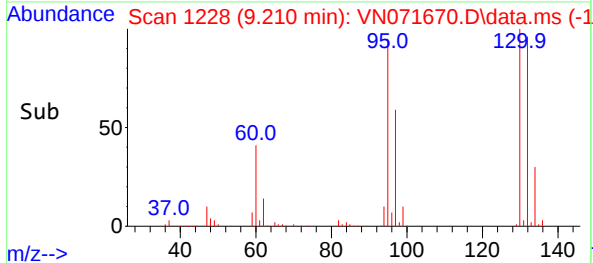
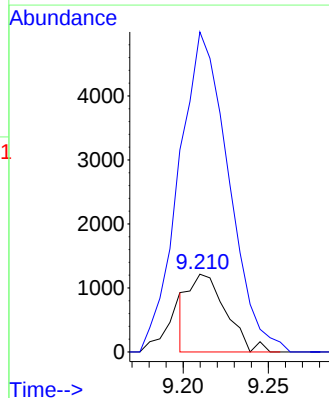
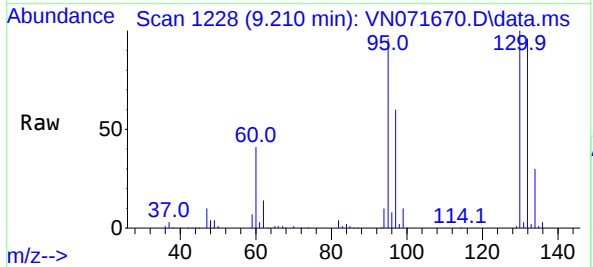
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

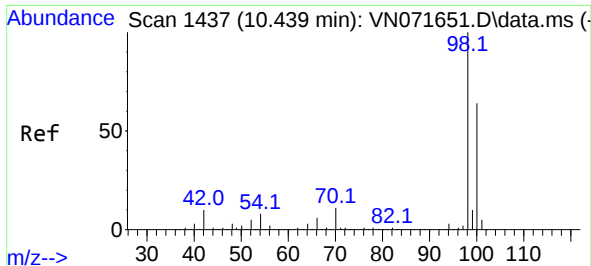
Tgt Ion:130 Resp: 699829
Ion Ratio Lower Upper
130 100
95 95.7 0.0 186.8



#45
1,2-Dichloropropane
Concen: 0.253 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.276 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 63 Resp: 1820
Ion Ratio Lower Upper
63 100
65 398.9 24.9 37.3#

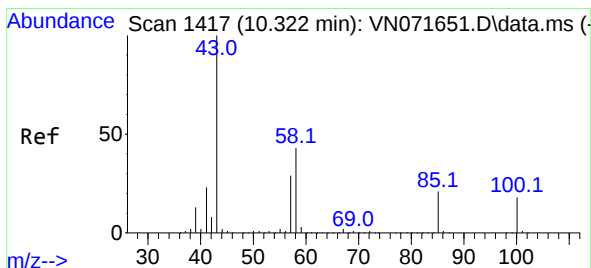
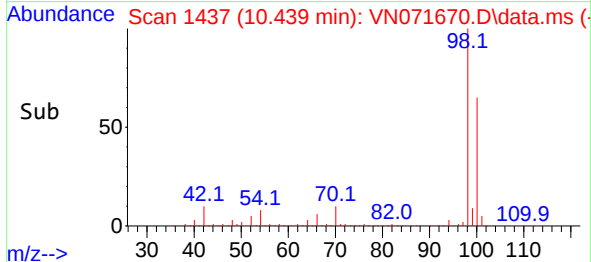
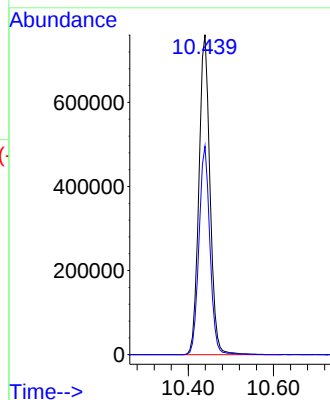
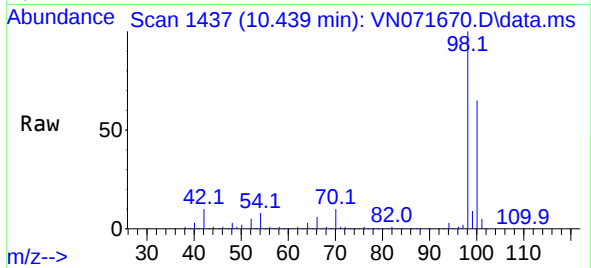




#50
Toluene-d8
Concen: 51.306 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

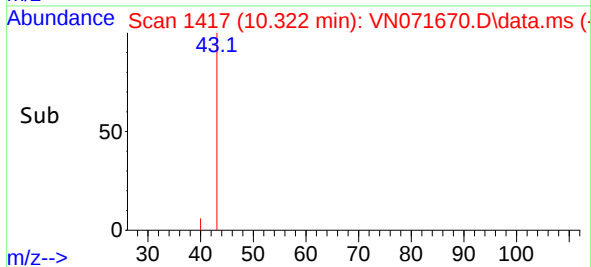
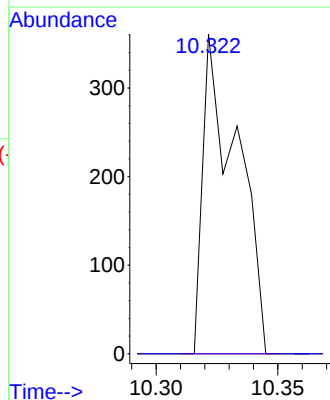
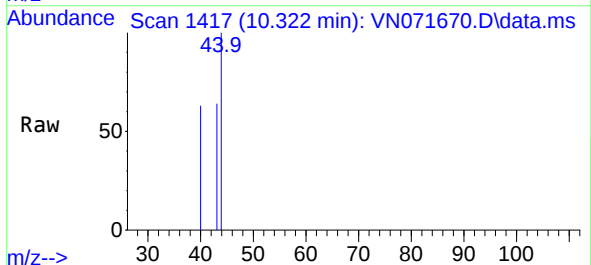
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

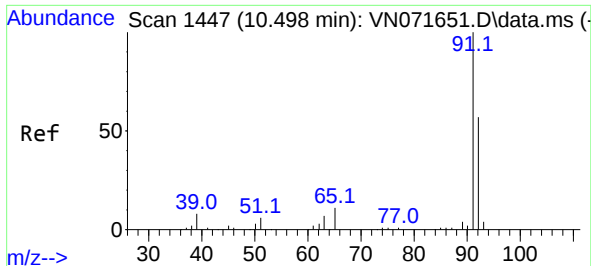
Tgt Ion: 98 Resp: 1372101
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.037 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#

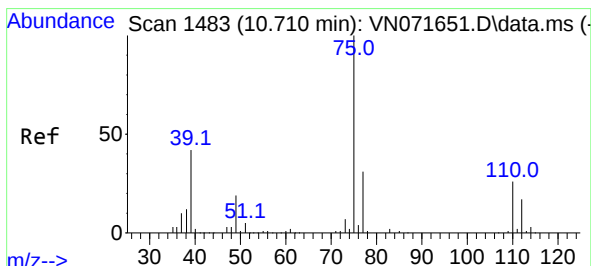
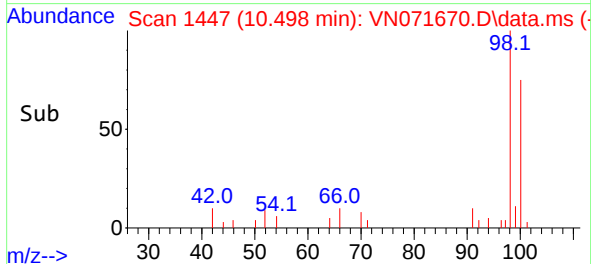
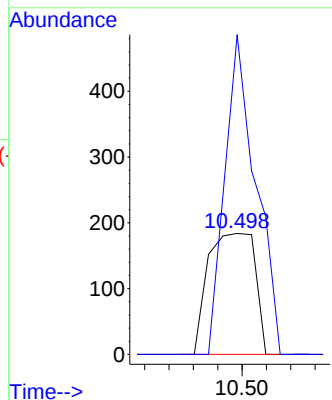
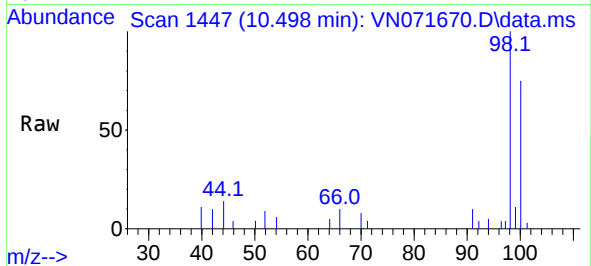




#52
Toluene
Concen: 0.013 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

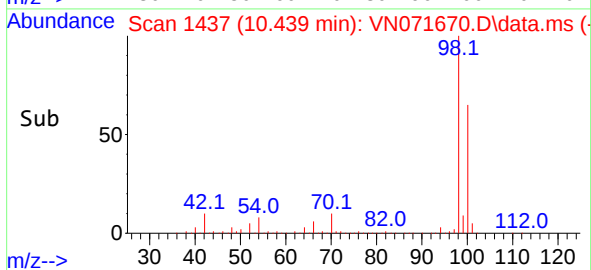
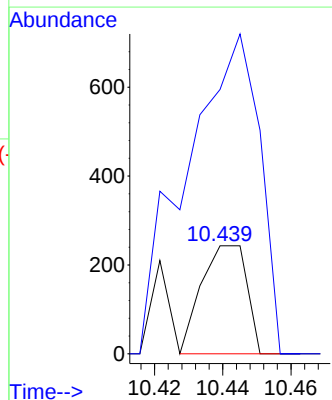
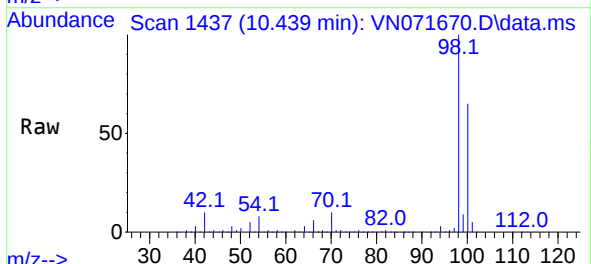
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

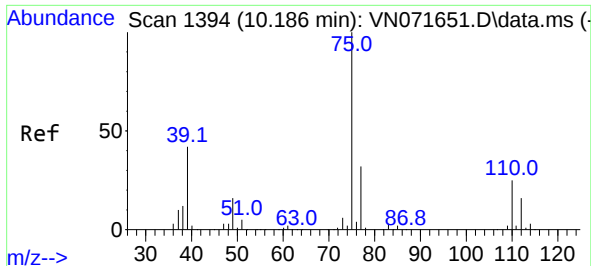
Tgt Ion: 92 Resp: 246
Ion Ratio Lower Upper
92 100
91 174.4 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 0.022 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.271 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 75 Resp: 225
Ion Ratio Lower Upper
75 100
77 244.9 25.6 38.4#

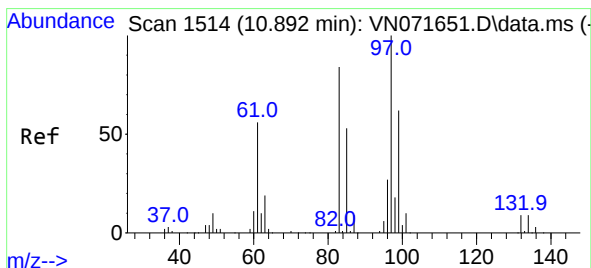
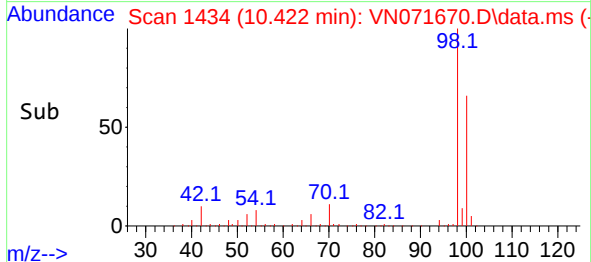
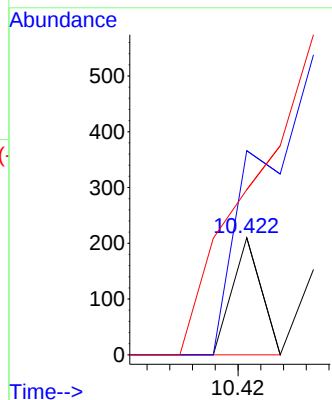
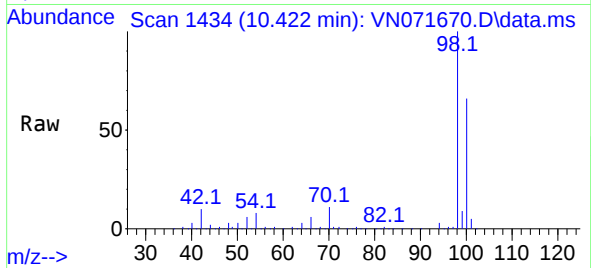




#54
cis-1,3-Dichloropropene
Concen: 0.007 ug/l
RT: 10.422 min Scan# 14
Delta R.T. 0.236 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

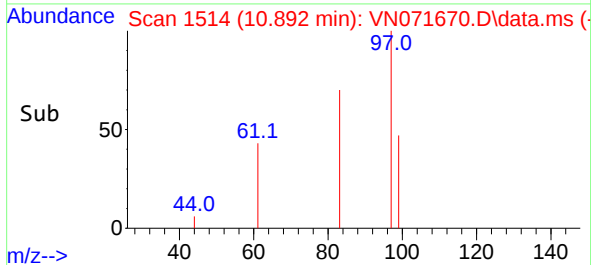
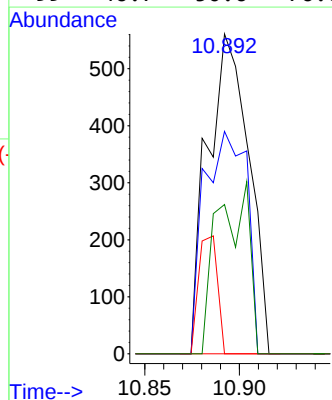
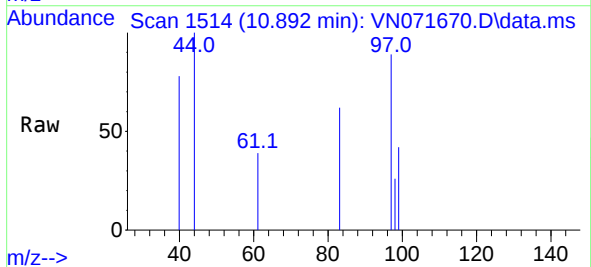
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

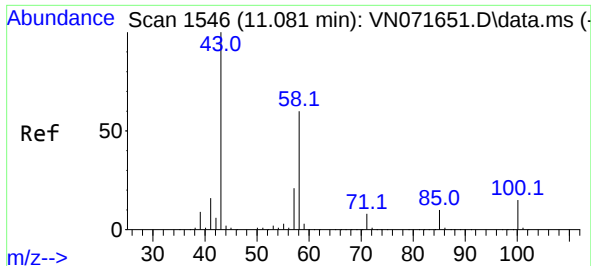
Tgt Ion:	75	Resp:	74
Ion	Ratio	Lower	Upper
75	100		
77	174.3	25.2	37.8#
39	141.0	35.7	53.5#



#55
1,1,2-Trichloroethane
Concen: 0.113 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion:	97	Resp:	851
Ion	Ratio	Lower	Upper
97	100		
83	69.5	66.2	99.4
85	0.0	43.9	65.9#
99	46.7	50.6	76.0#

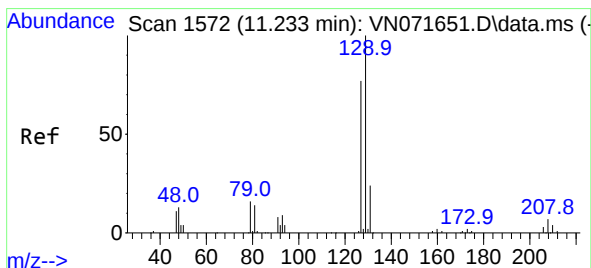
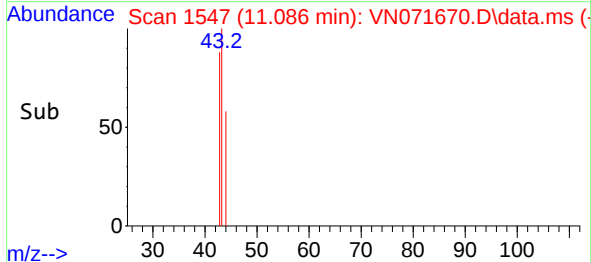
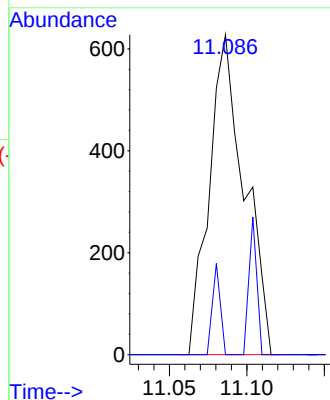
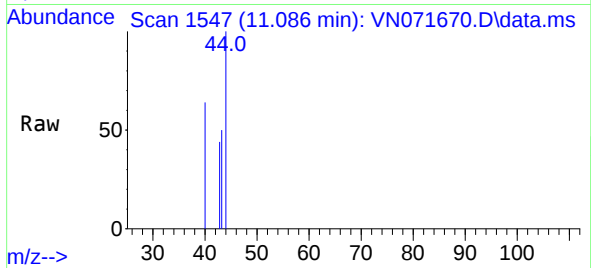




#59
2-Hexanone
Concen: 0.148 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

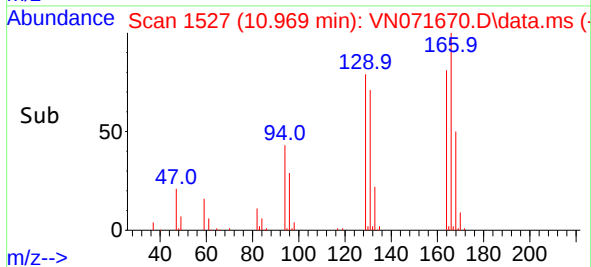
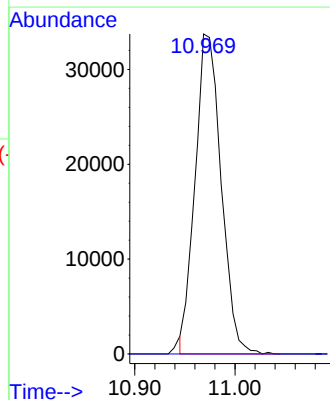
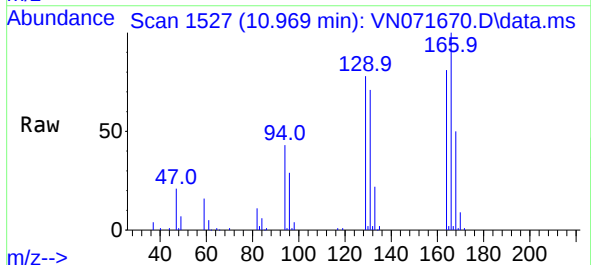
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

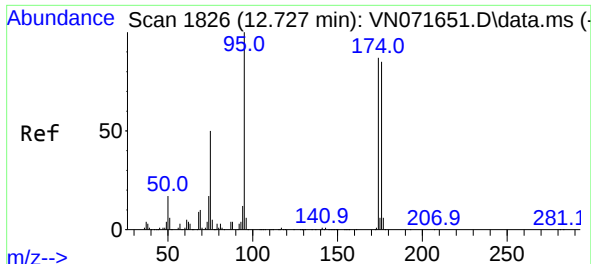
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 6.3 29.7 89.1#



#60
Dibromochloromethane
Concen: 8.324 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.264 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 129 Resp: 60898
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

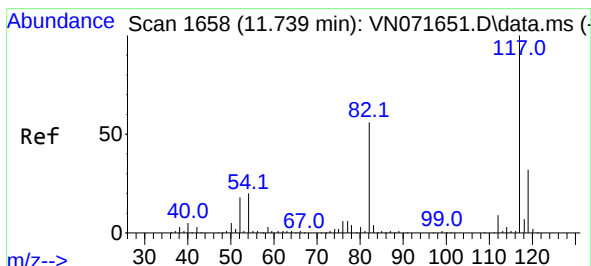
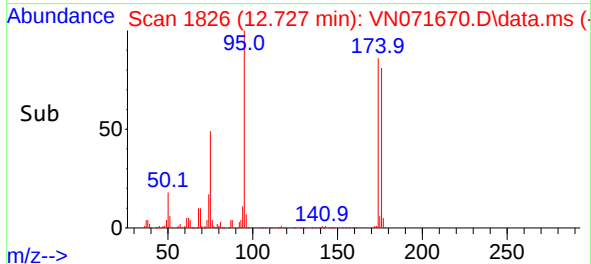
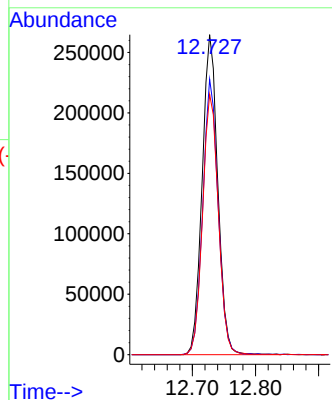
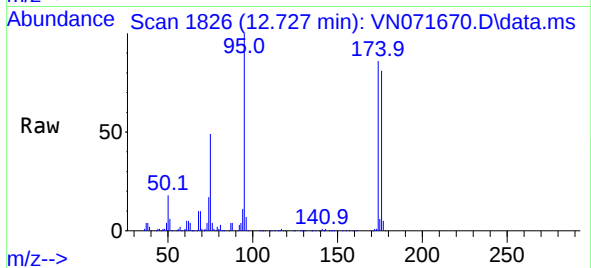




#62
4-Bromofluorobenzene
Concen: 52.631 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

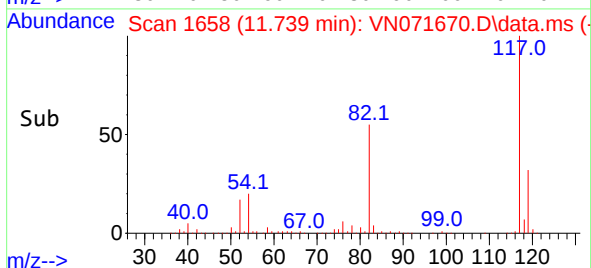
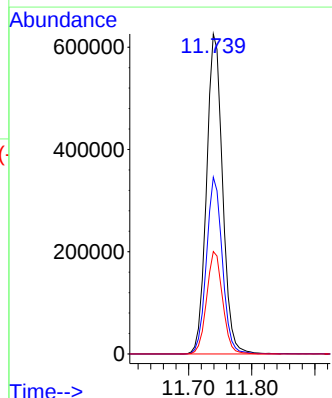
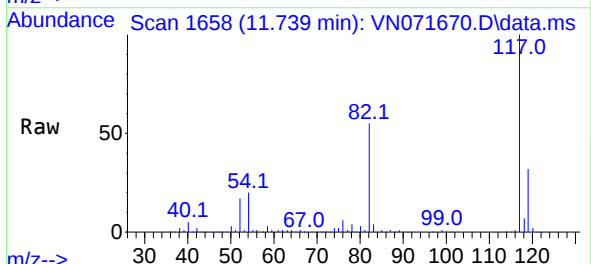
Instrument :
MSVOA_N
ClientSampleId :
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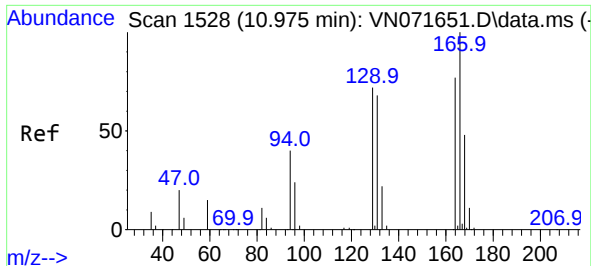
Tgt Ion: 95 Resp: 455213
Ion Ratio Lower Upper
95 100
174 84.7 0.0 167.6
176 82.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 117 Resp: 1103886
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.0 25.4 38.0



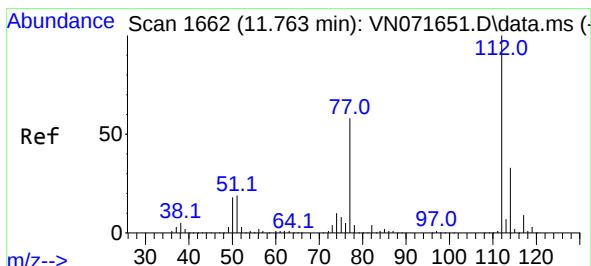
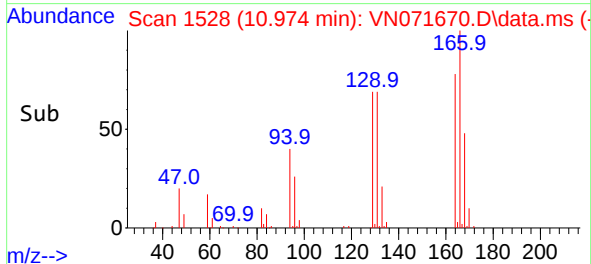
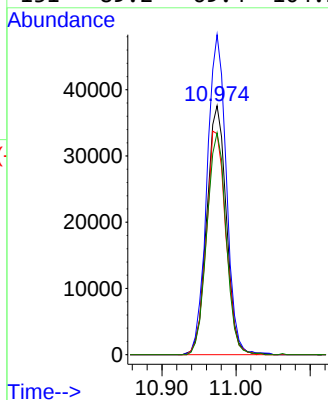
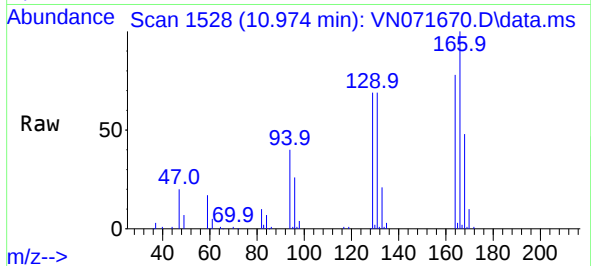


#64
Tetrachloroethene
Concen: 9.471 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

Tgt Ion:164 Resp: 69038

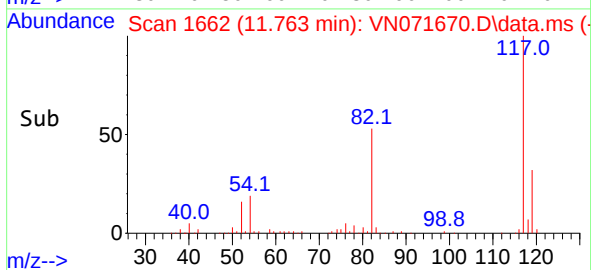
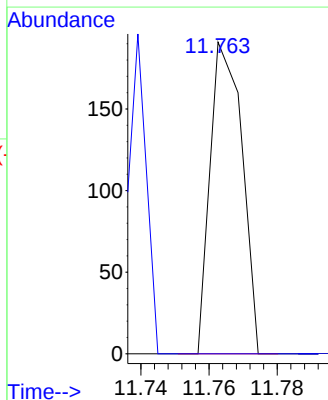
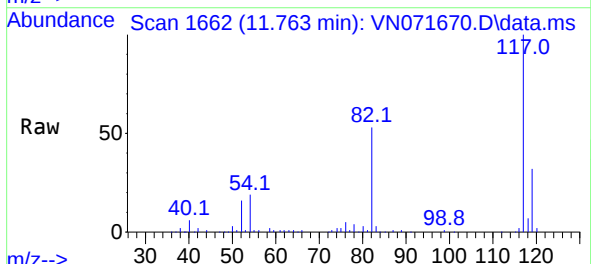
Ion	Ratio	Lower	Upper
164	100		
166	128.5	104.2	156.2
129	88.8	73.9	110.9
131	89.2	69.4	104.2

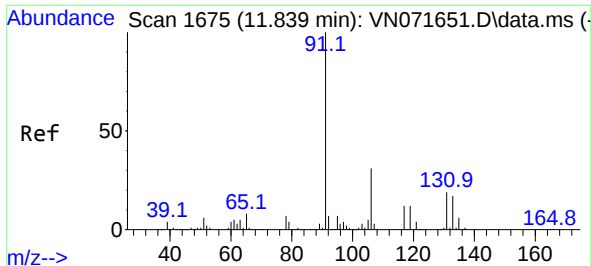


#65
Chlorobenzene
Concen: 0.006 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion:112 Resp: 124

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.4	38.2#

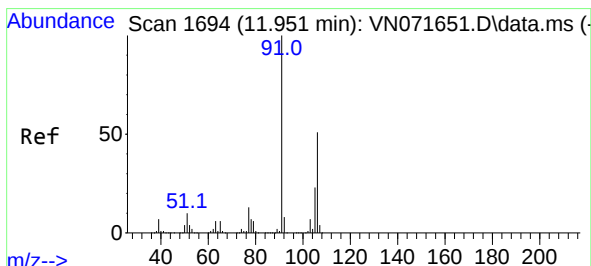
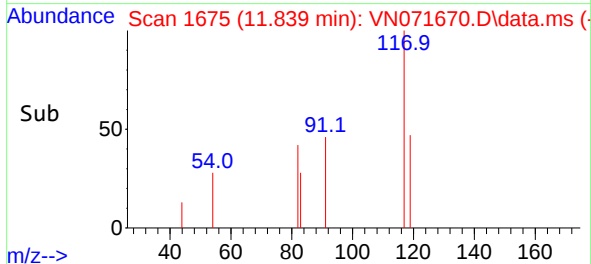
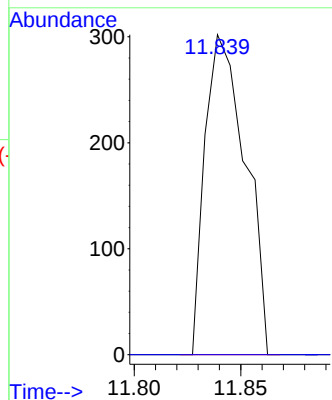
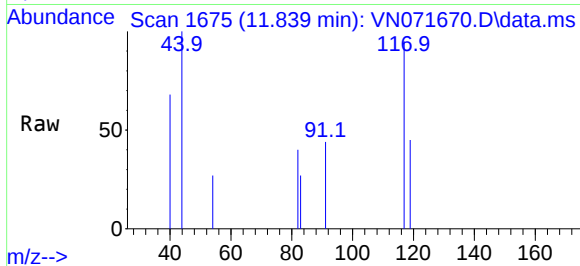




#67
Ethyl Benzene
Concen: 0.011 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

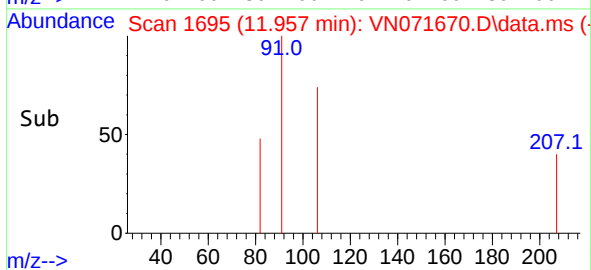
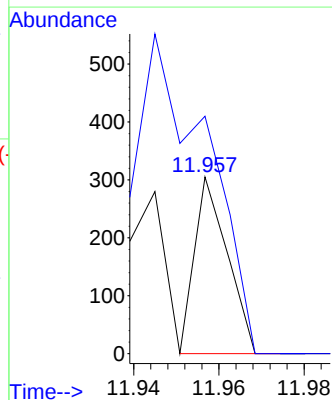
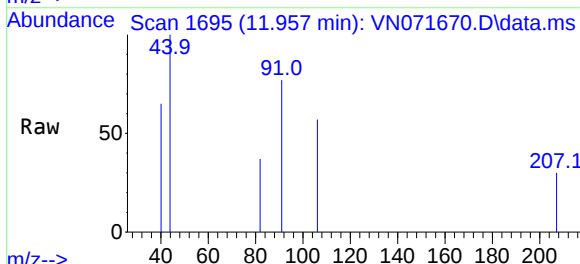
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

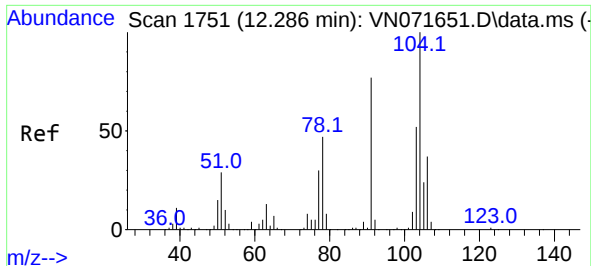
Tgt Ion: 91 Resp: 399
Ion Ratio Lower Upper
91 100
106 0.0 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.011 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 106 Resp: 163
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3#

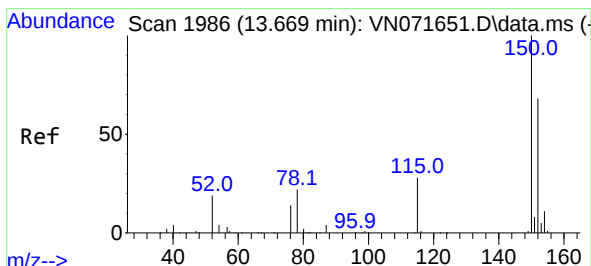
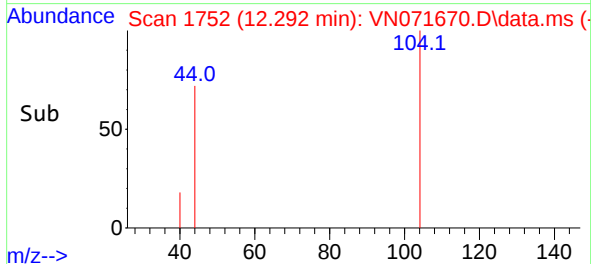
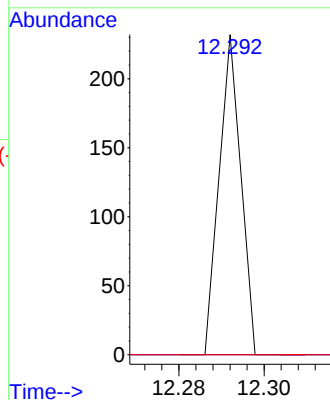
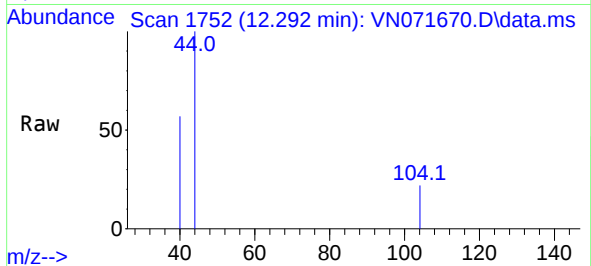




#70
Styrene
Concen: 0.004 ug/l
RT: 12.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

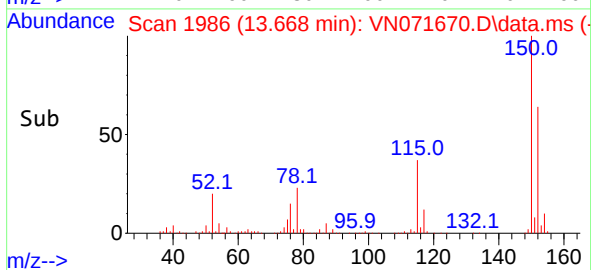
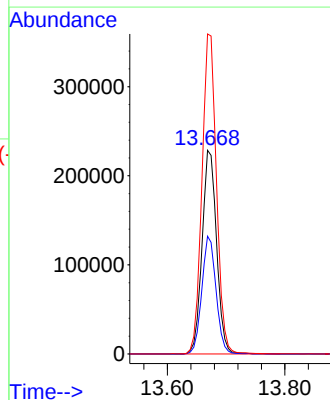
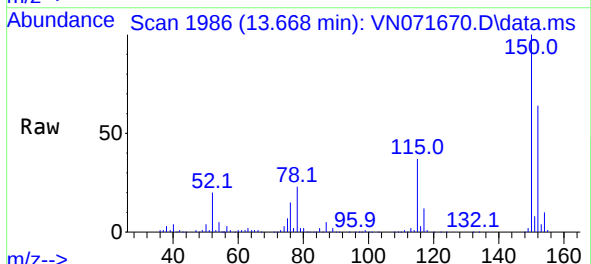
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

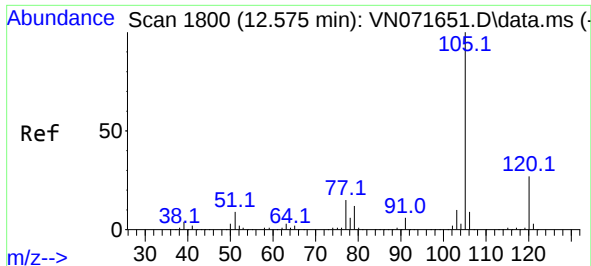
Tgt Ion:104 Resp: 82
Ion Ratio Lower Upper
104 100
78 0.0 39.5 59.3#
103 0.0 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion:152 Resp: 392686
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 157.2 0.0 356.2

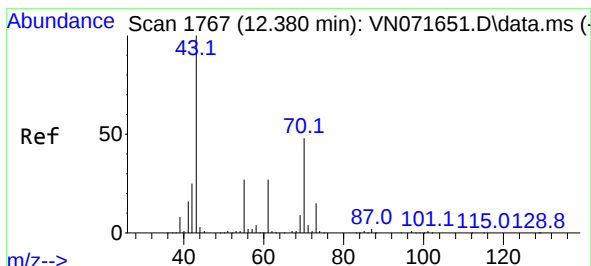
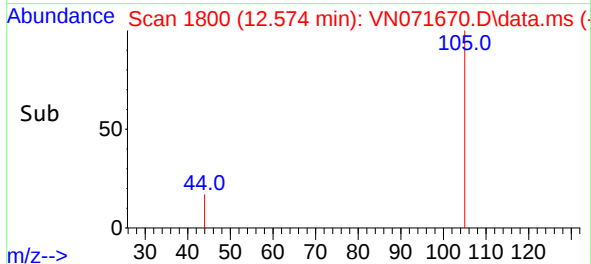
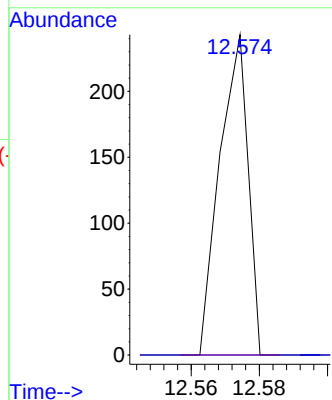
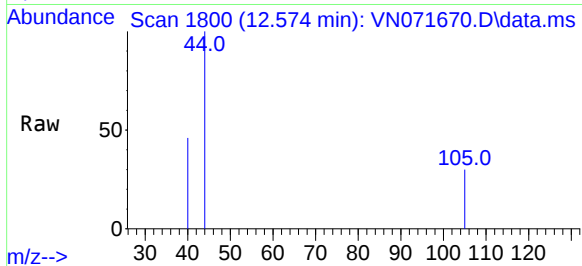




#73
Isopropylbenzene
Concen: 0.004 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

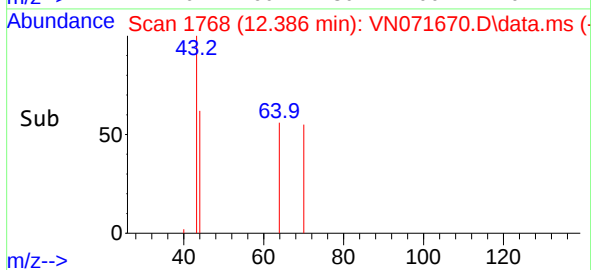
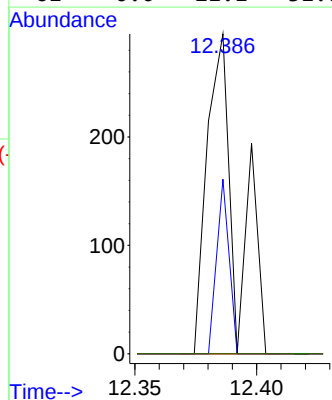
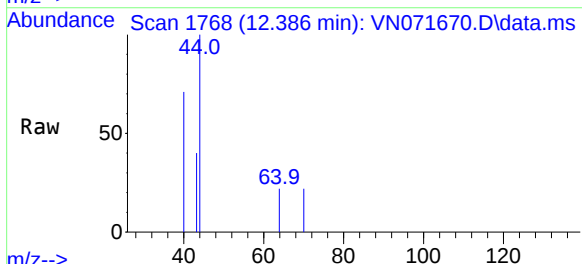
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

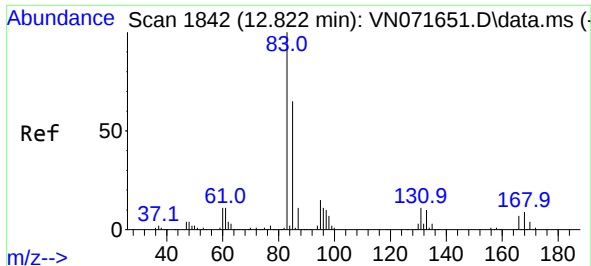
Tgt Ion:105 Resp: 140
Ion Ratio Lower Upper
105 100
120 0.0 13.5 40.4#



#74
N-ethyl acetate
Concen: 0.026 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
70 23.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#

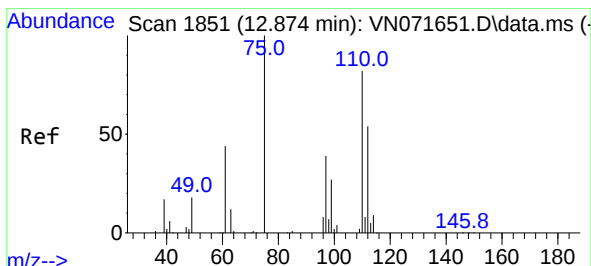
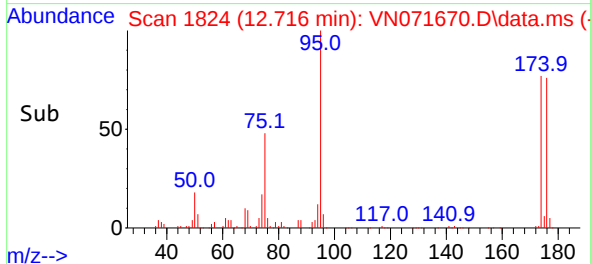
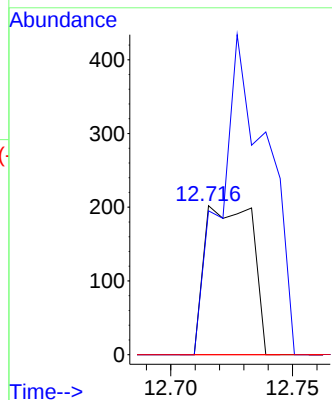
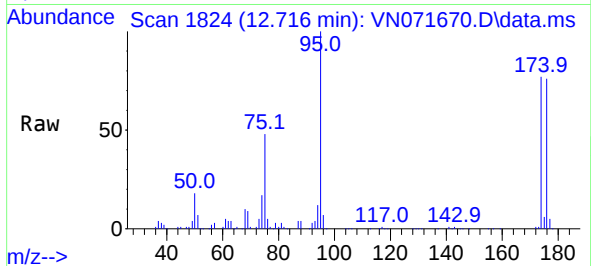




#75
1,1,2,2-Tetrachloroethane
Concen: 0.025 ug/l
RT: 12.716 min Scan# 1824
Delta R.T. -0.106 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

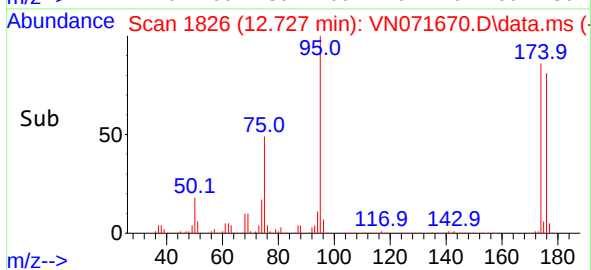
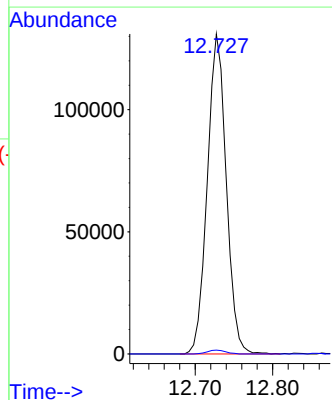
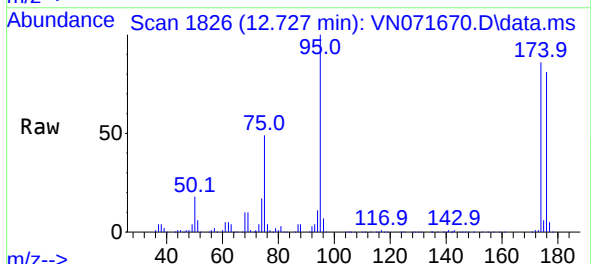
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

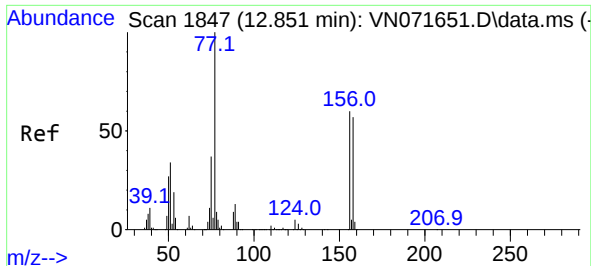
Tgt Ion: 83 Resp: 274
Ion Ratio Lower Upper
83 100
131 210.9 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 24.464 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 75 Resp: 222543
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

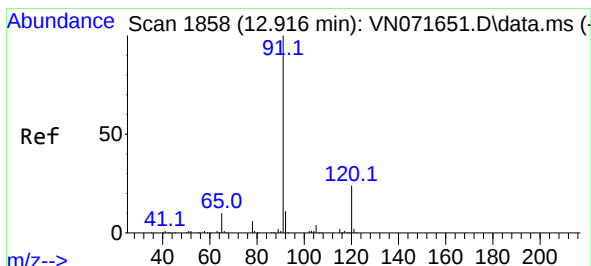
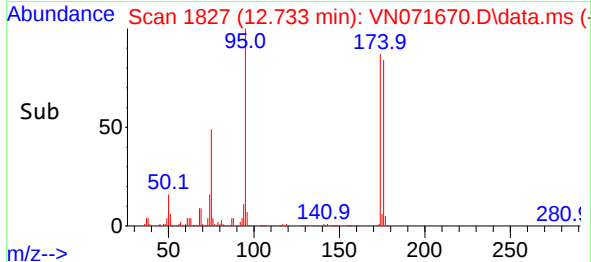
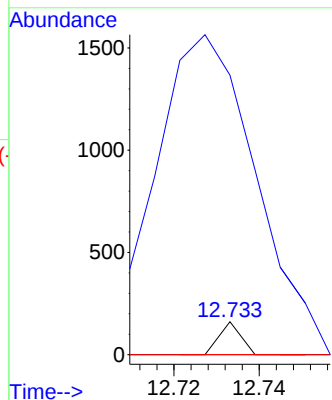
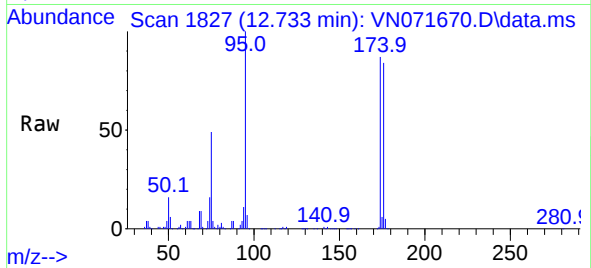




#77
Bromobenzene
Concen: 0.007 ug/l
RT: 12.733 min Scan# 1827
Delta R.T. -0.118 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

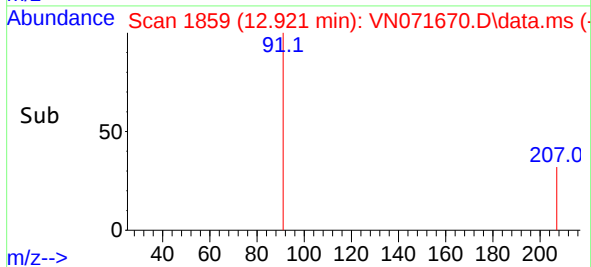
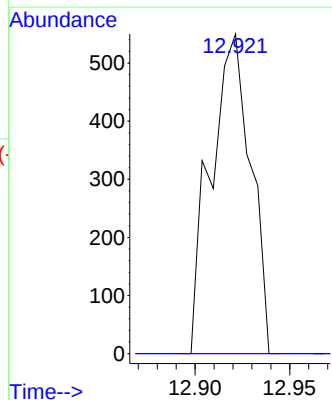
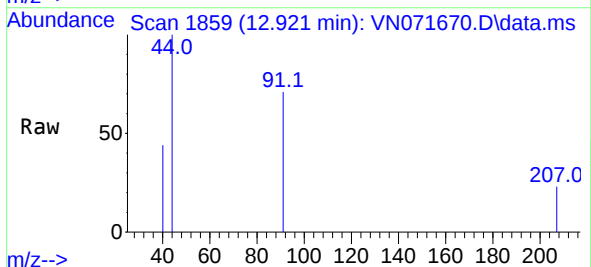
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

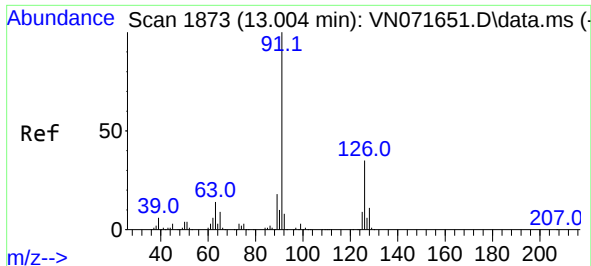
Tgt Ion:156 Resp: 57
Ion Ratio Lower Upper
156 100
77 4586.0 100.5 301.5#
158 0.0 48.9 146.6#



#78
n-propylbenzene
Concen: 0.023 ug/l
RT: 12.921 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 91 Resp: 809
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.5#





#79

2-Chlorotoluene

Concen: 0.024 ug/l

RT: 13.104 min Scan# 1873

Delta R.T. 0.100 min

Lab File: VN071670.D

Acq: 30 Mar 2022 19:44

Instrument :

MSVOA_N

ClientSampleId :

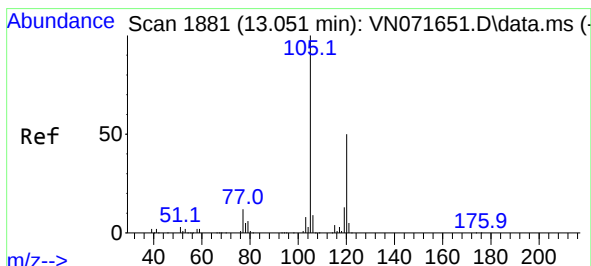
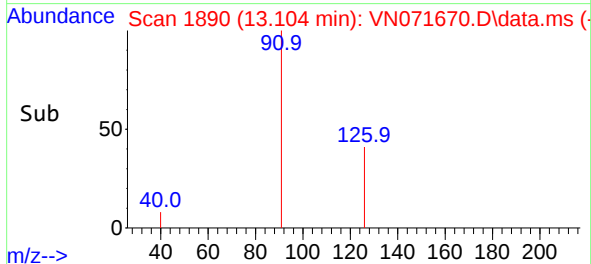
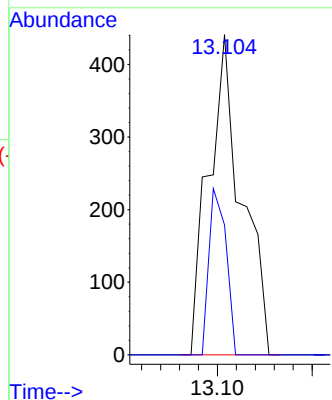
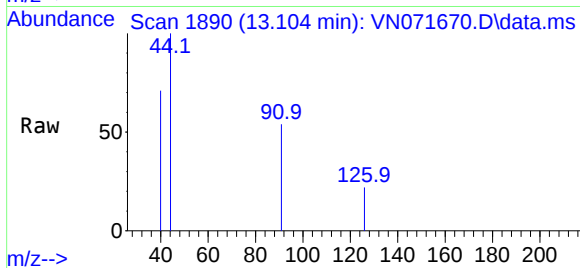
MW179D1-20220322

Tgt Ion: 91 Resp: 535

Ion Ratio Lower Upper

91 100

126 26.9 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 0.007 ug/l

RT: 13.051 min Scan# 1881

Delta R.T. -0.000 min

Lab File: VN071670.D

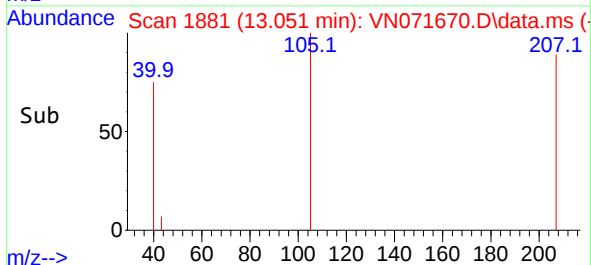
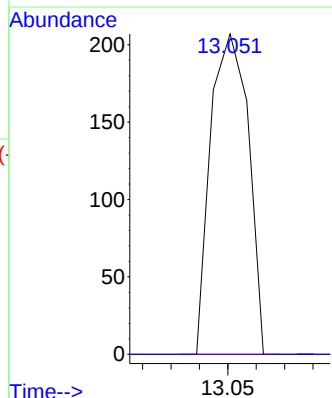
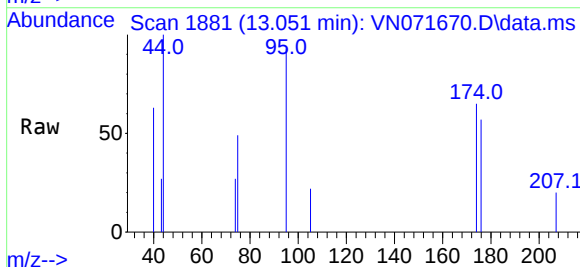
Acq: 30 Mar 2022 19:44

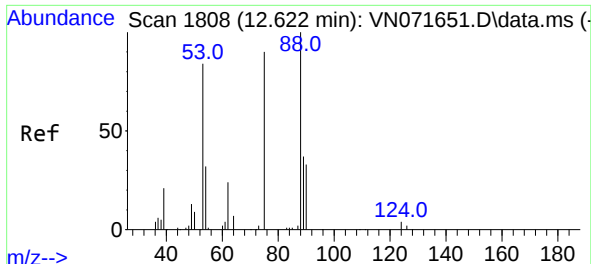
Tgt Ion: 105 Resp: 191

Ion Ratio Lower Upper

105 100

120 0.0 24.9 74.7#

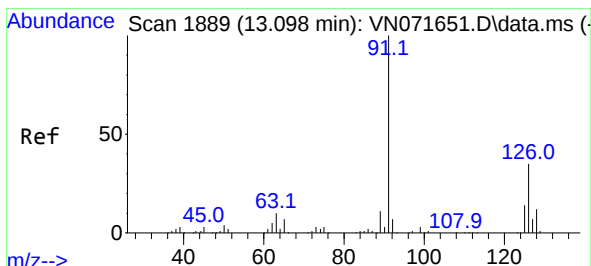
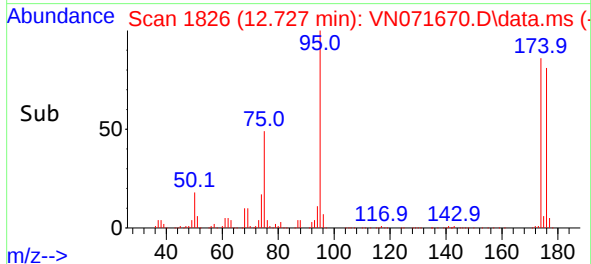
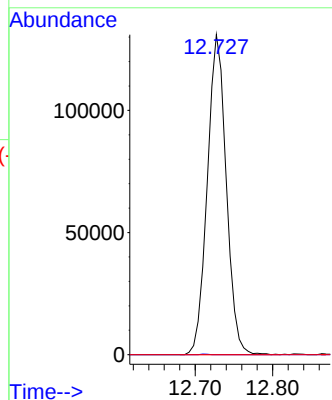
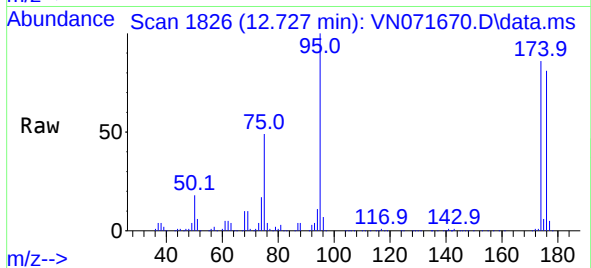




#81
trans-1,4-Dichloro-2-butene
Concen: 75.812 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

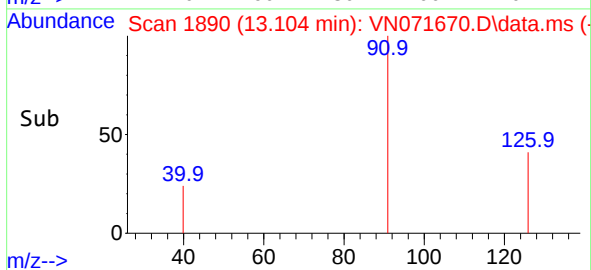
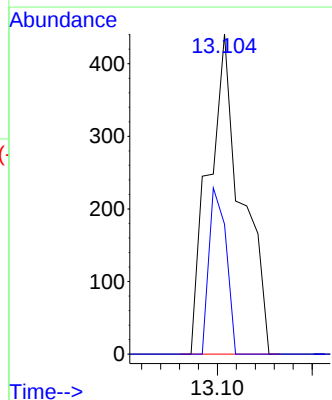
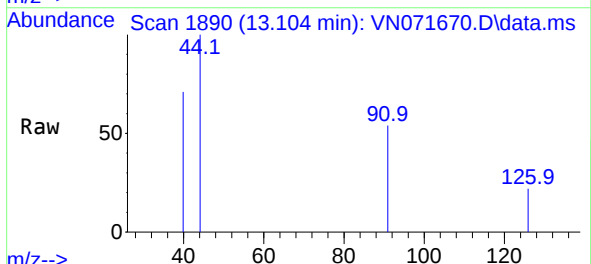
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

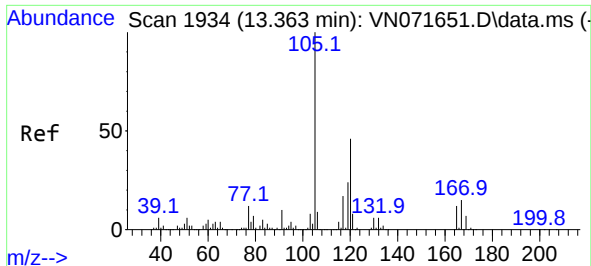
Tgt Ion: 75 Resp: 222543
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.026 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 91 Resp: 535
Ion Ratio Lower Upper
91 100
126 26.9 17.2 51.6

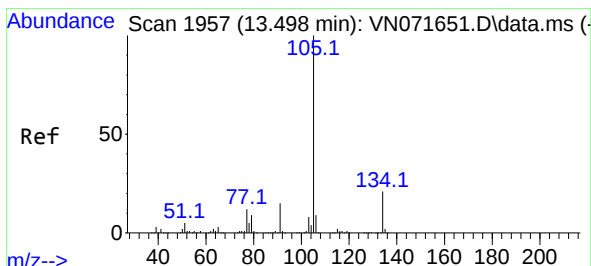
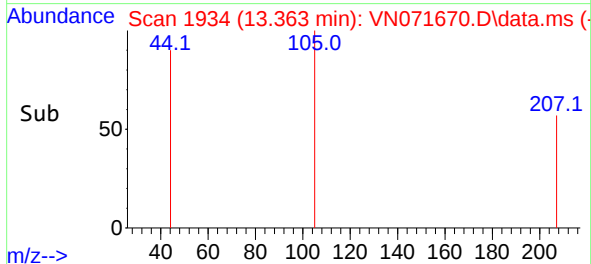
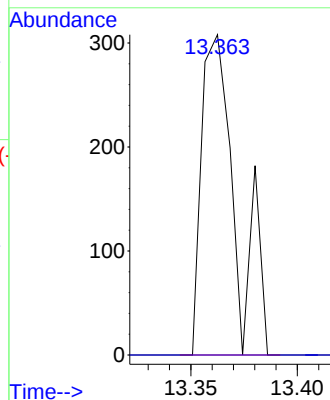
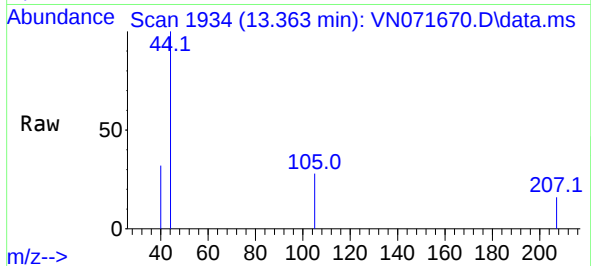




#84
1,2,4-Trimethylbenzene
Concen: 0.013 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

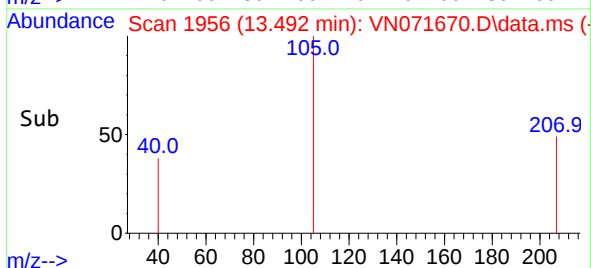
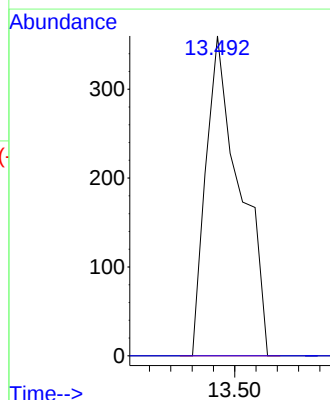
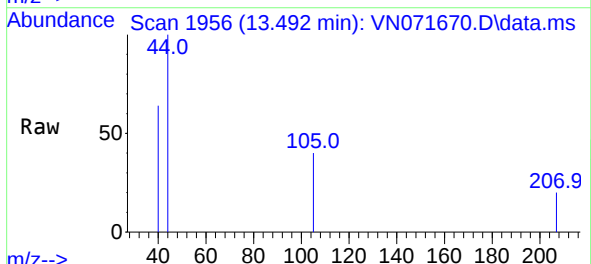
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

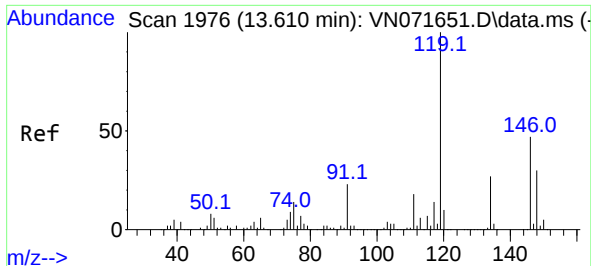
Tgt Ion:105 Resp: 343
Ion Ratio Lower Upper
105 100
120 0.0 23.3 69.8#



#85
sec-Butylbenzene
Concen: 0.013 ug/l
RT: 13.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion:105 Resp: 400
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

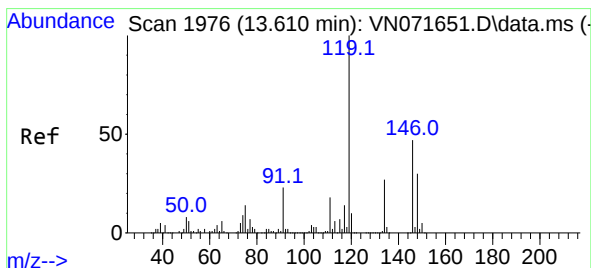
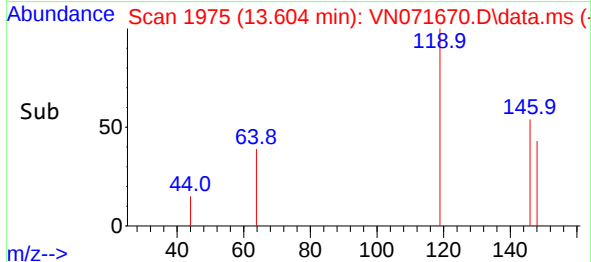
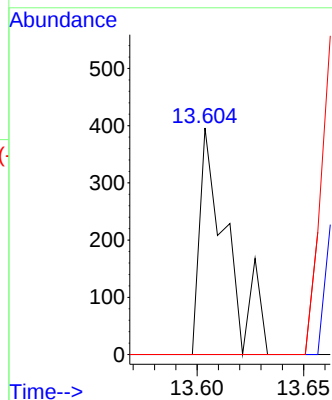
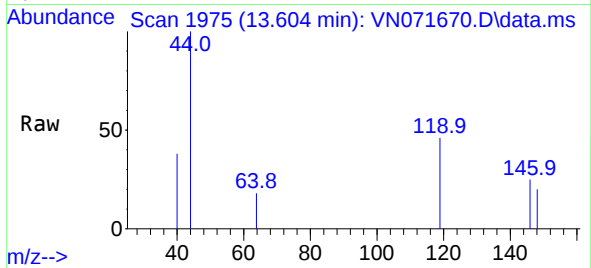




#86
p-Isopropyltoluene
Concen: 0.014 ug/l
RT: 13.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

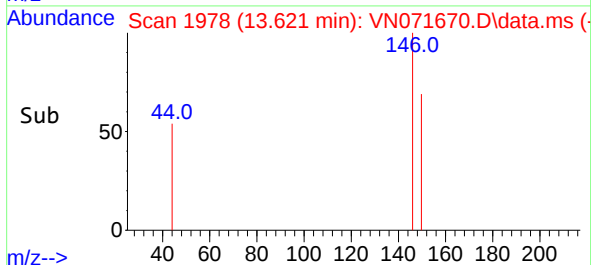
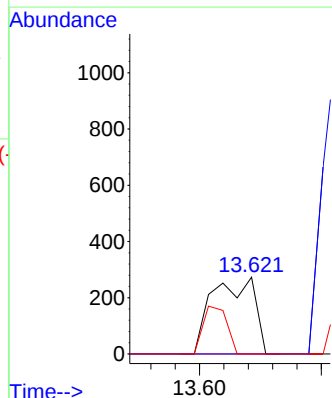
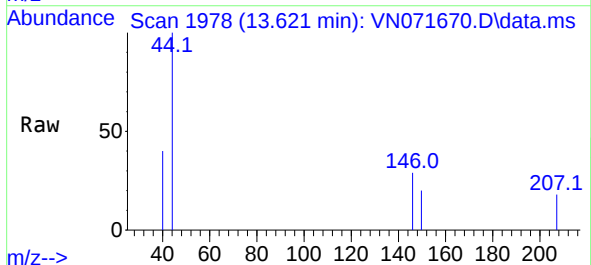
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

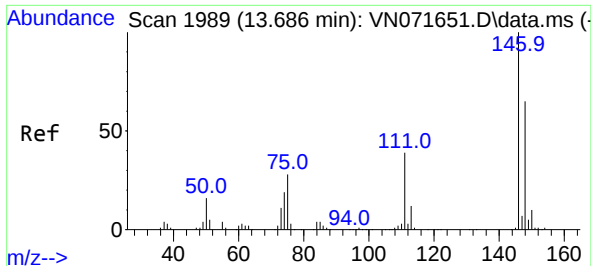
Tgt Ion:119 Resp: 353
Ion Ratio Lower Upper
119 100
134 0.0 13.3 39.8#
91 0.0 11.3 33.9#



#87
1,3-Dichlorobenzene
Concen: 0.025 ug/l
RT: 13.621 min Scan# 1978
Delta R.T. 0.011 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion:146 Resp: 330
Ion Ratio Lower Upper
146 100
111 0.0 20.0 60.0#
148 34.8 32.0 96.0

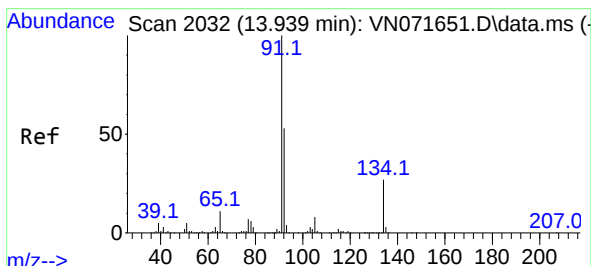
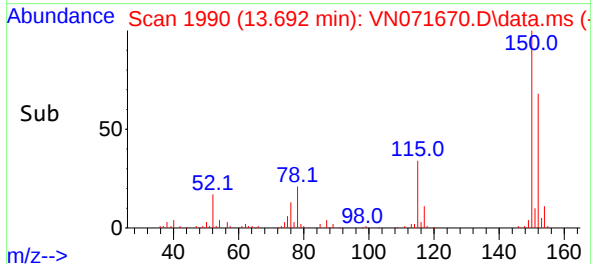
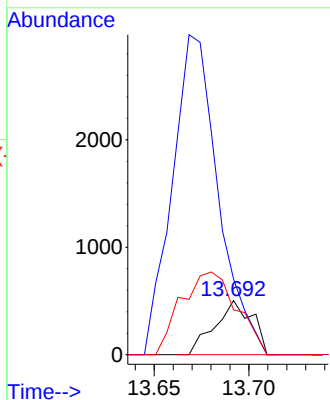
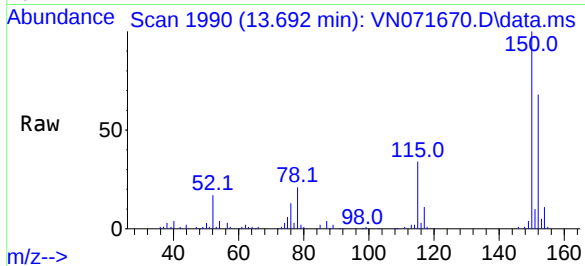




#88
1,4-Dichlorobenzene
Concen: 0.054 ug/l
RT: 13.692 min Scan# 1989
Delta R.T. 0.006 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

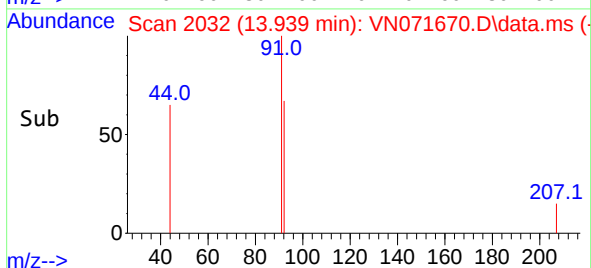
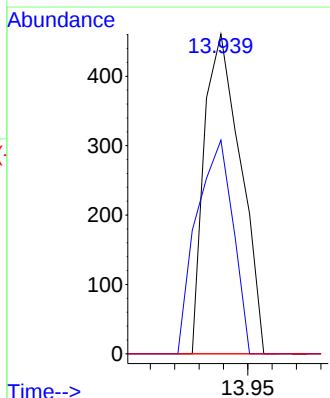
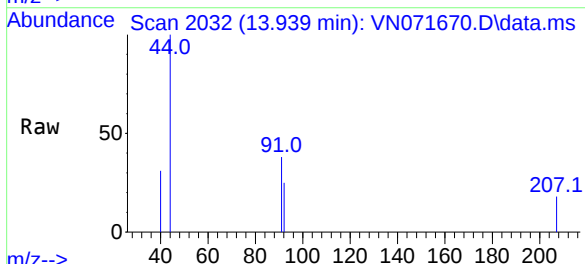
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

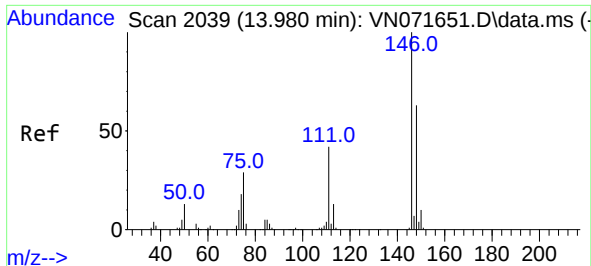
Tgt Ion:146 Resp: 691
Ion Ratio Lower Upper
146 100
111 0.0 19.1 57.1#
148 227.8 31.4 94.3#



#89
n-Butylbenzene
Concen: 0.026 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion: 91 Resp: 477
Ion Ratio Lower Upper
91 100
92 67.1 26.9 80.7
134 0.0 13.6 40.8#





#91

1,2-Dichlorobenzene

Concen: 0.020 ug/l

RT: 13.992 min Scan# 2041

Delta R.T. 0.012 min

Lab File: VN071670.D

Acq: 30 Mar 2022 19:44

Instrument :

MSVOA_N

ClientSampleId :

MW179D1-20220322

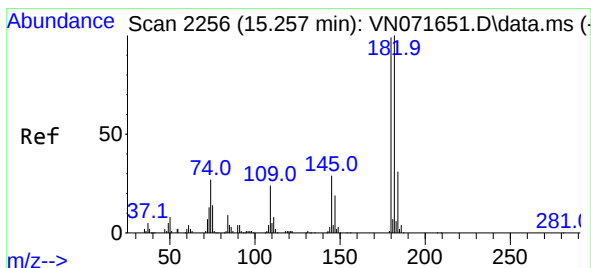
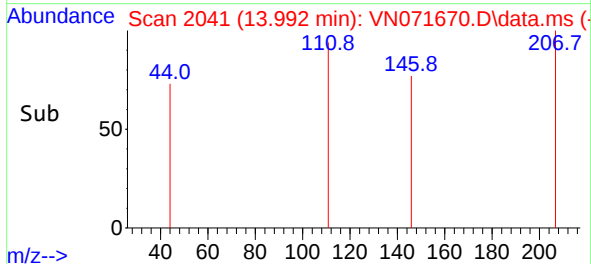
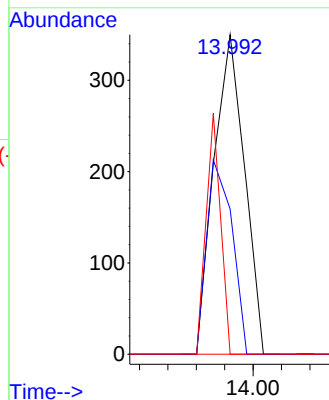
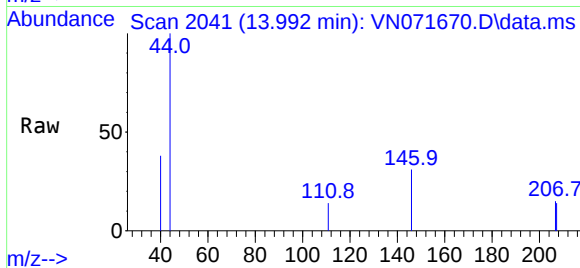
Tgt Ion:146 Resp: 262

Ion Ratio Lower Upper

146 100

111 50.0 20.9 62.8

148 35.5 32.1 96.3



#93

1,2,4-Trichlorobenzene

Concen: 2.119 ug/l

RT: 15.257 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VN071670.D

Acq: 30 Mar 2022 19:44

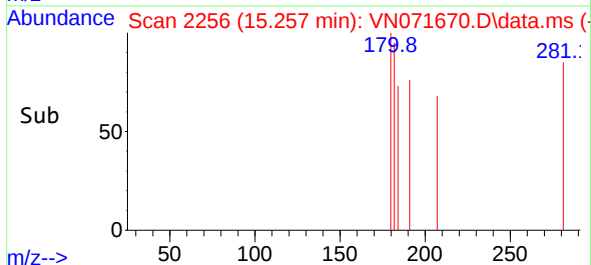
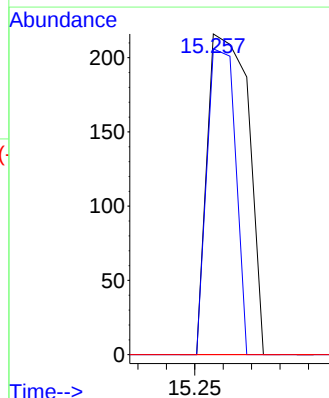
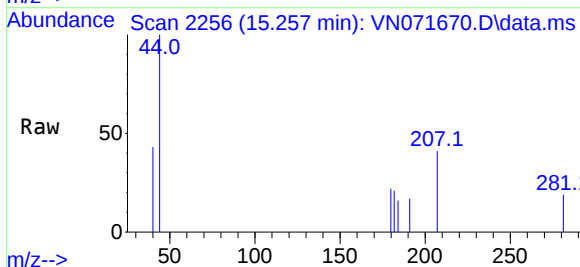
Tgt Ion:180 Resp: 216

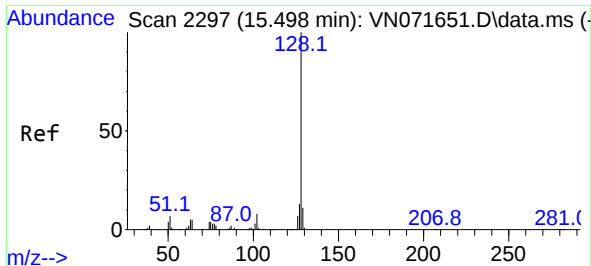
Ion Ratio Lower Upper

180 100

182 66.7 47.5 142.5

145 0.0 14.5 43.5#

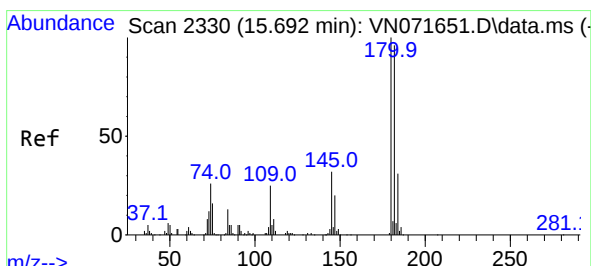
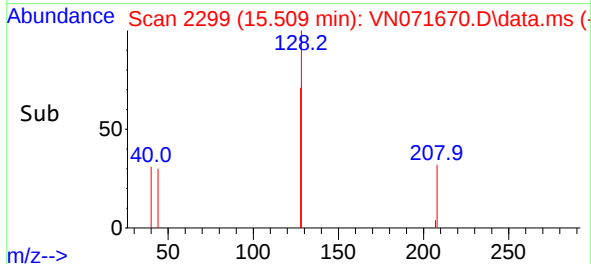
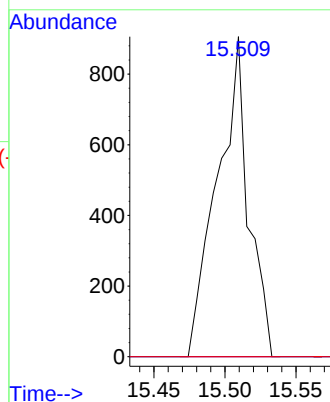
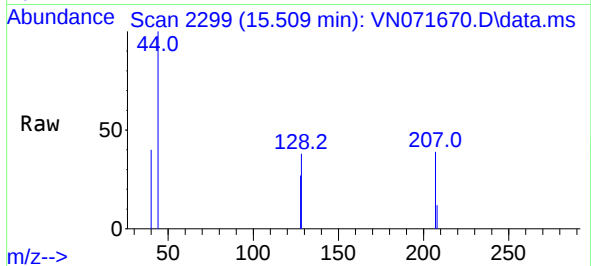




#95
Naphthalene
Concen: 3.874 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20220322

Tgt Ion:	128	Resp:	1381
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.467 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071670.D
Acq: 30 Mar 2022 19:44

Tgt Ion:	180	Resp:	336
Ion	Ratio	Lower	Upper
180	100		
182	84.8	47.8	143.3
145	0.0	15.5	46.5#

