

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076681.D
 Acq On : 15 Feb 2023 12:23
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 16 01:12:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	37934	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	257646	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	264093	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	102757	29.617	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.733%
60) 4-Bromofluorobenzene	12.854	95	120654	25.829	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.100%
63) Toluene-d8	10.571	98	275924	29.829	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.433%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	1444	0.360	ug/l	94
5) Bromomethane	2.990	94	2944	0.810	ug/l #	64
6) Chloroethane	3.131	64	904	0.265	ug/l #	45
7) Trichlorofluoromethane	3.513	101	1641	0.250	ug/l #	57
13) Acrolein	4.184	56	762	0.836	ug/l	94
14) Acrylonitrile	5.736	53	5906	2.507	ug/l #	40
16) Carbon Disulfide	4.731	76	11306	1.077	ug/l #	92
18) Methylene Chloride	5.295	84	2334	0.494	ug/l #	65
19) trans-1,2-Dichloroethene	5.795	96	1714	0.408	ug/l #	31
22) cis-1,2-Dichloroethene	7.489	96	1598	0.332	ug/l #	30
29) 1,1-Dichloropropene	8.372	75	1420	0.242	ug/l	90
30) 2-Butanone	7.495	43	1994	0.582	ug/l #	65
35) Methacrylonitrile	7.795	41	1067	0.285	ug/l #	38
36) 1,2-Dichloroethane	8.677	62	1462	0.233	ug/l #	75
37) Trichloroethene	9.354	130	1823	0.418	ug/l #	35
38) Methylcyclohexane	9.601	83	1620	0.219	ug/l	71
42) Vinyl Acetate	6.613	43	2202	0.222	ug/l #	74
45) 1,4-Dioxane	9.707	88	337	3.704	ug/l #	5
47) n-amyl Acetate	12.489	43	2058	0.217	ug/l	100
48) t-1,3-Dichloropropene	10.848	75	1751	0.277	ug/l #	68
55) 2-Chloroethyl vinyl ether	10.166	63	1548	0.532	ug/l #	66
58) 4-Methyl-2-Pentanone	10.454	43	3068	0.488	ug/l #	70
59) 2-Hexanone	11.201	43	6006	1.286	ug/l #	91
61) Tetrachloroethene	11.101	164	1361	0.408	ug/l	91
62) Toluene	10.630	91	3813	0.207	ug/l #	80
64) Chlorobenzene	11.889	112	4722	0.429	ug/l	98
66) Ethyl Benzene	11.965	91	4615	0.235	ug/l	95
69) Styrene	12.413	104	2704	0.223	ug/l #	80
72) 1,2,3-Trichloropropane	13.001	75	1341	0.241	ug/l	87
73) Bromobenzene	12.989	156	2776	0.620	ug/l #	8
74) n-propylbenzene	13.036	91	6829	0.297	ug/l	88
75) 2-Chlorotoluene	13.124	91	4694	0.343	ug/l	83
77) t-1,4-Dichloro-2-butene	12.854	75	64787	36.272	ug/l #	9
78) 4-Chlorotoluene	13.218	91	7986	0.609	ug/l	91
80) 1,2,4-Trimethylbenzene	13.483	105	4632	0.290	ug/l	83
81) sec-Butylbenzene	13.618	105	4698	0.230	ug/l	96
82) p-Isopropyltoluene	13.736	119	3796	0.229	ug/l	86
83) 1,3-Dichlorobenzene	13.736	146	7142	0.835	ug/l	94
84) 1,4-Dichlorobenzene	13.818	146	7802	0.935	ug/l	86

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QLast Update : Thu Feb 16 01:08:46 2023
Response via : Initial Calibration

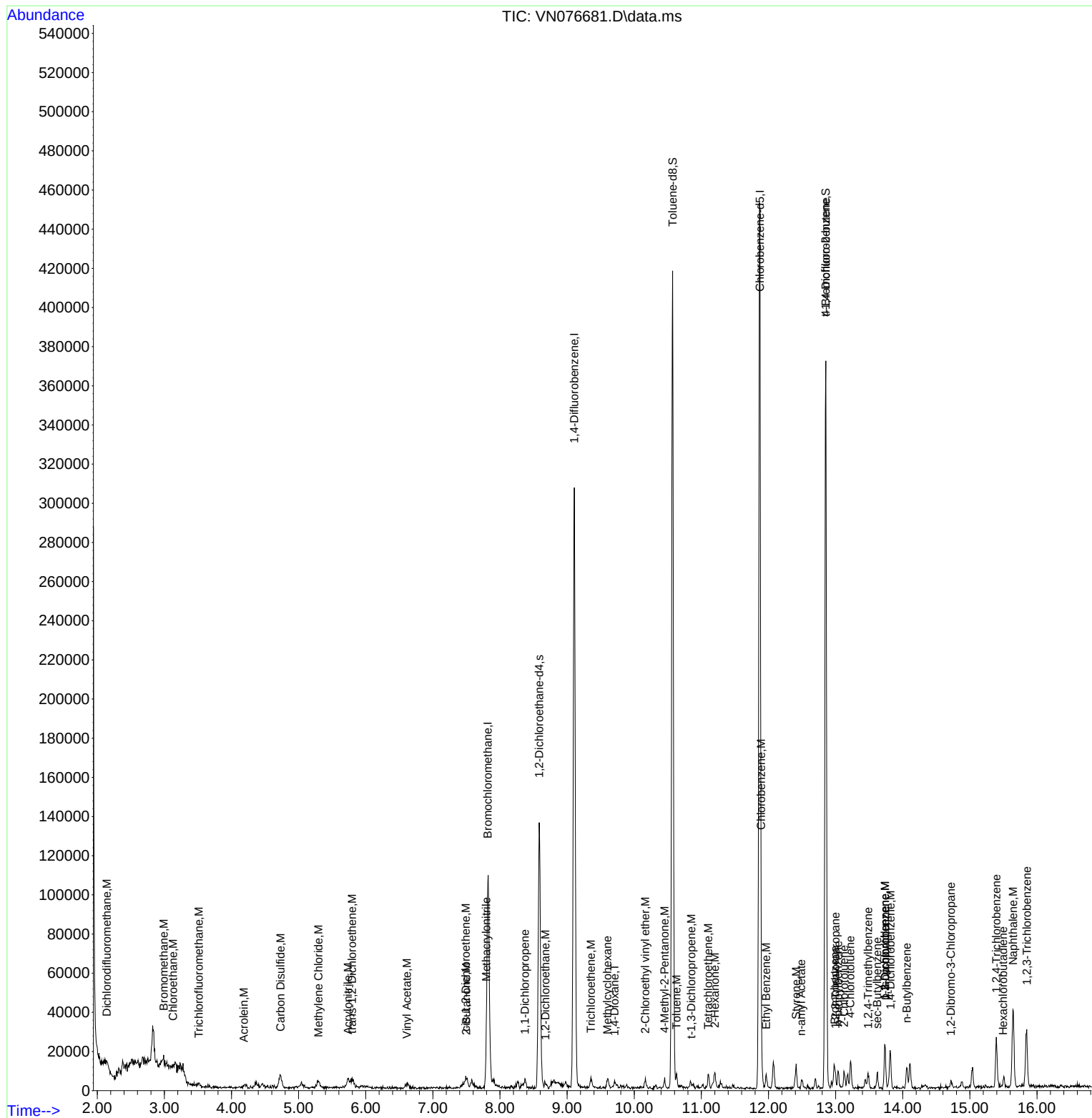
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) n-Butylbenzene	14.059	91	6731	0.479	ug/l	94
87) 1,2-Dichlorobenzene	13.736	146	7142	0.831	ug/l	92
88) 1,2-Dibromo-3-Chloropr...	14.718	75	963	0.823	ug/l #	53
89) 1,2,4-Trichlorobenzene	15.395	180	7490	1.707	ug/l #	70
90) Hexachlorobutadiene	15.495	225	745	0.353	ug/l	75
91) Naphthalene	15.642	128	38111	2.702	ug/l #	89
92) 1,2,3-Trichlorobenzene	15.848	180	9388	2.108	ug/l	89

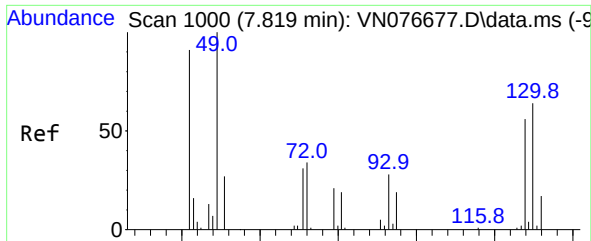
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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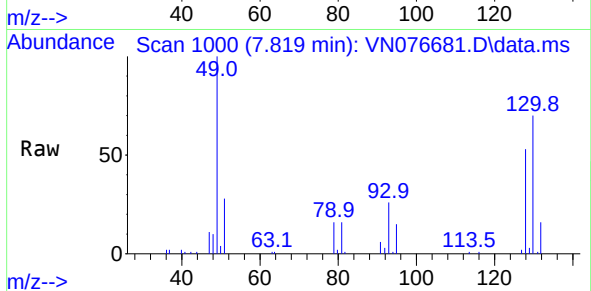
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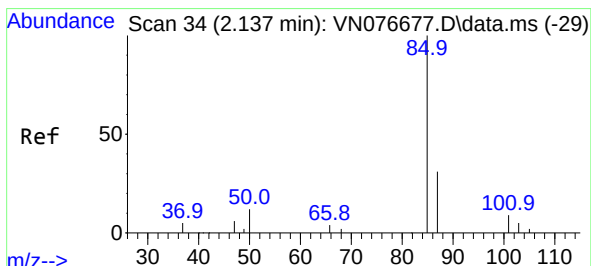
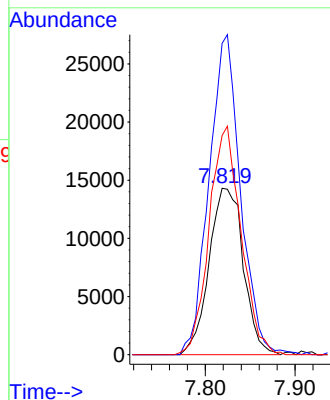
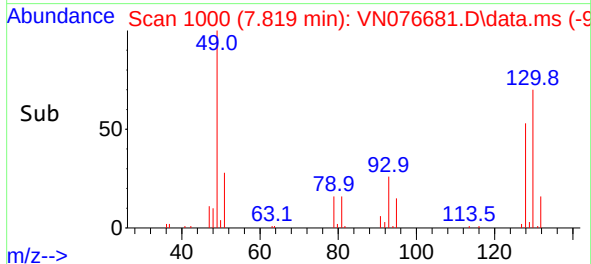


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076681.D
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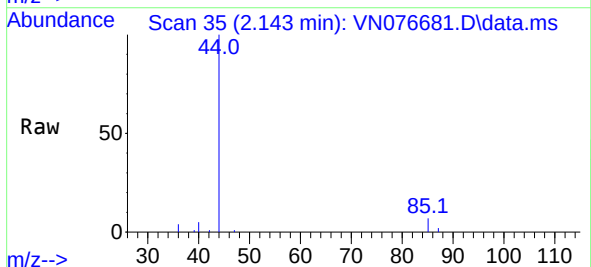
Instrument :
MSVOA_N
ClientSampleId :



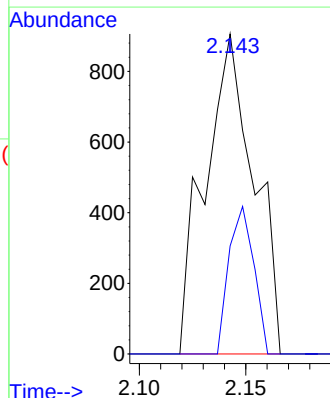
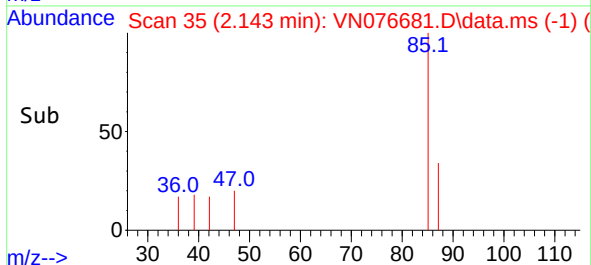
Tgt Ion:128 Resp: 37934
Ion Ratio Lower Upper
128 100
49 176.5 0.0 461.8
130 127.9 0.0 295.3

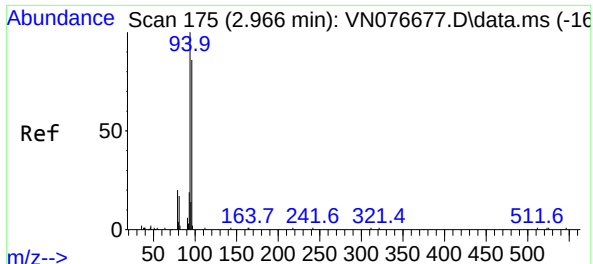


#2
Dichlorodifluoromethane
Concen: 0.360 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23



Tgt Ion: 85 Resp: 1444
Ion Ratio Lower Upper
85 100
87 33.8 15.4 46.1

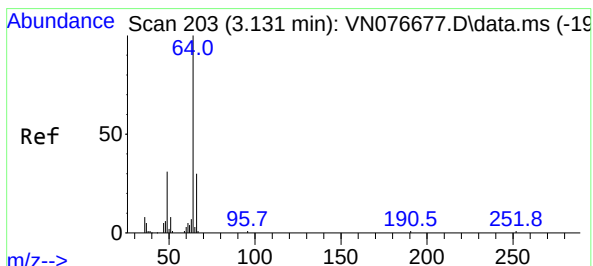
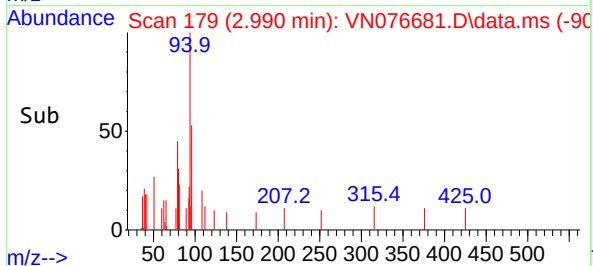
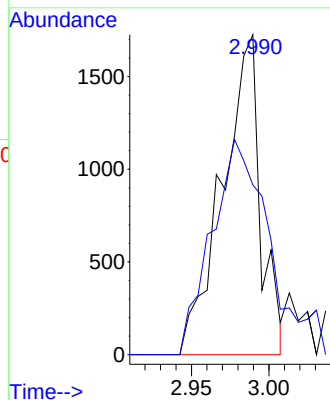
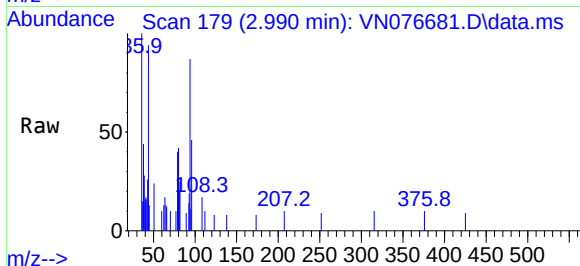




#5
Bromomethane
Concen: 0.810 ug/l
RT: 2.990 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

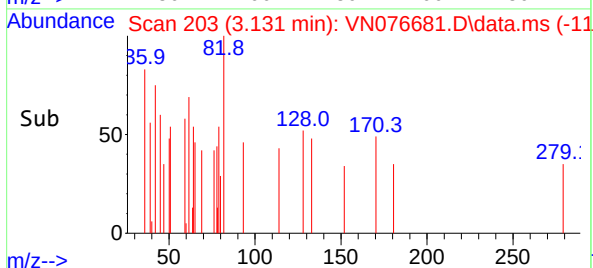
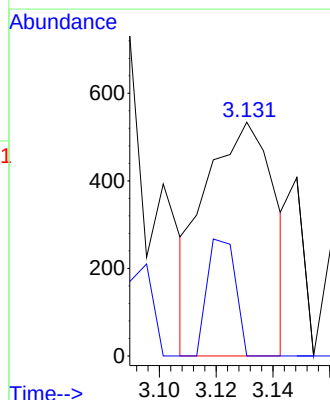
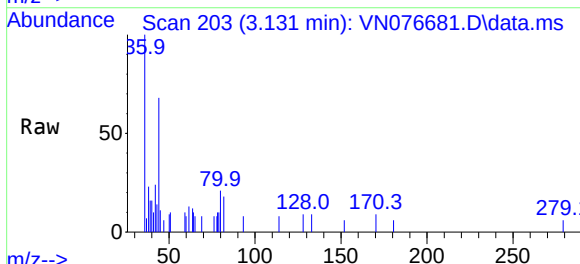
Instrument :
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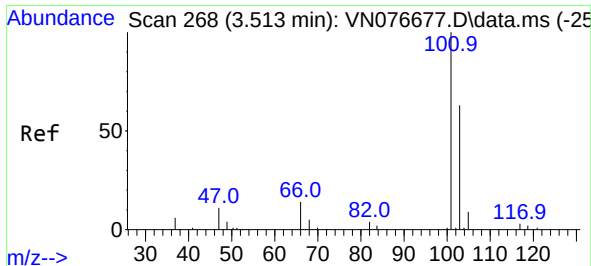
Tgt Ion: 94 Resp: 2944
Ion Ratio Lower Upper
94 100
96 53.1 68.6 103.0#



#6
Chloroethane
Concen: 0.265 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

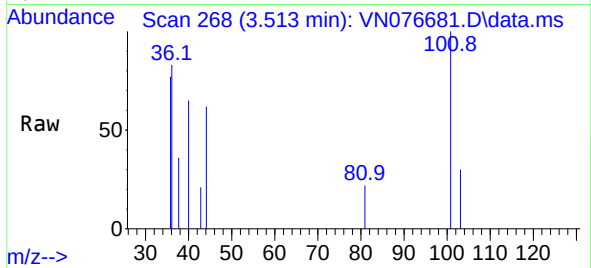
Tgt Ion: 64 Resp: 904
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#



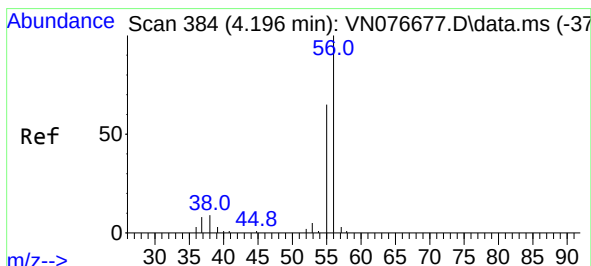
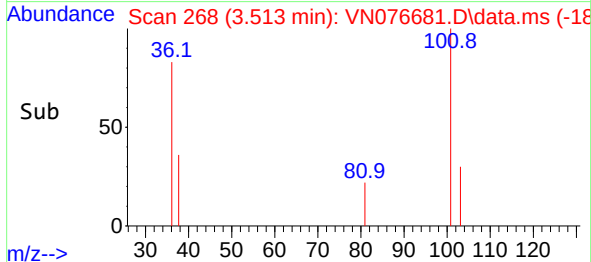
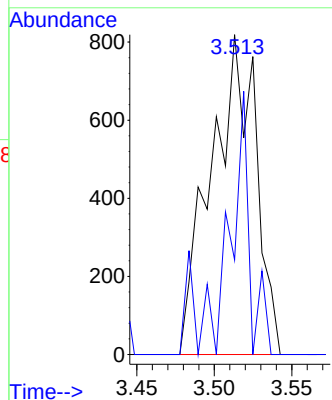


#7
 Trichlorofluoromethane
 Concen: 0.250 ug/l
 RT: 3.513 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN076681.D
 Acq: 15 Feb 2023 12:23

Instrument :
 MSVOA_N
 ClientSampleId :

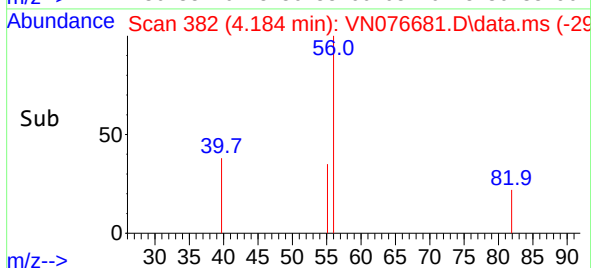
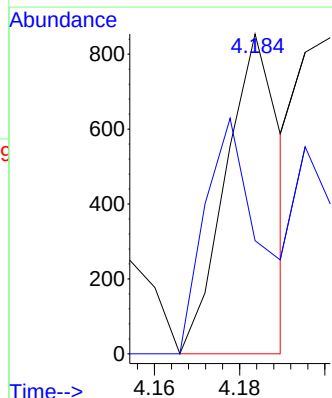
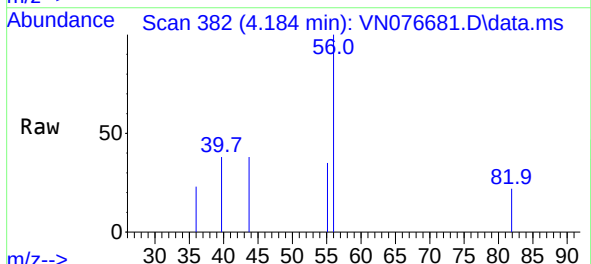


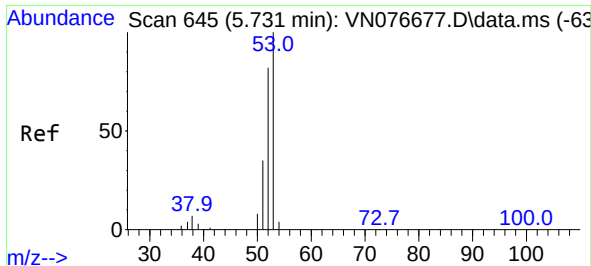
Tgt Ion:101 Resp: 1641
 Ion Ratio Lower Upper
 101 100
 103 29.5 50.2 75.2#



#13
 Acrolein
 Concen: 0.836 ug/l
 RT: 4.184 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: VN076681.D
 Acq: 15 Feb 2023 12:23

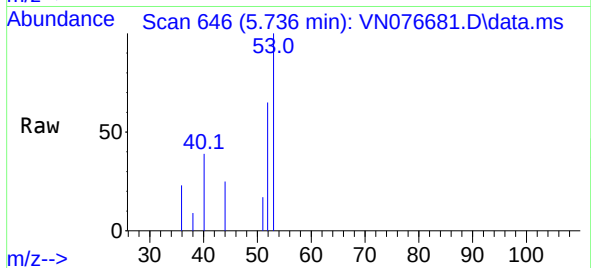
Tgt Ion: 56 Resp: 762
 Ion Ratio Lower Upper
 56 100
 55 73.2 55.0 82.4



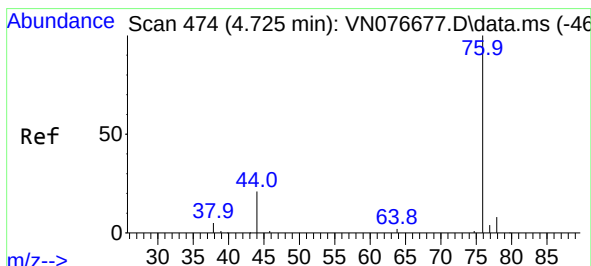
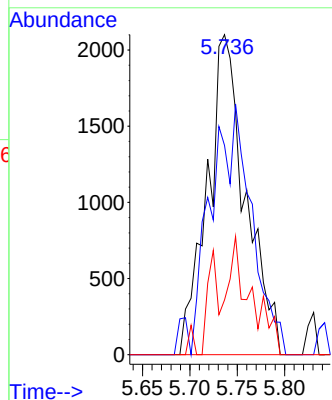
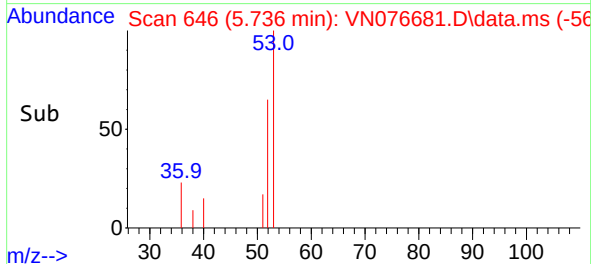


#14
Acrylonitrile
Concen: 2.507 ug/l
RT: 5.736 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Instrument :
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ClientSampleId :

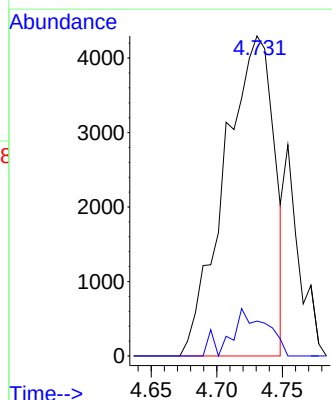
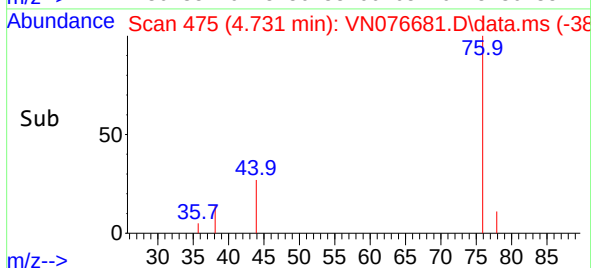
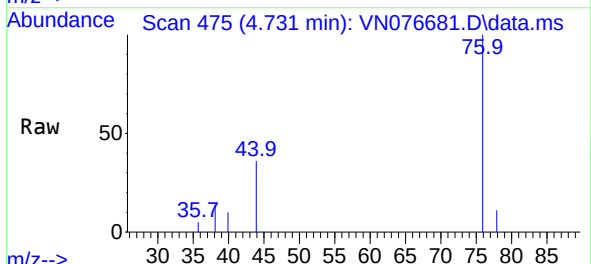


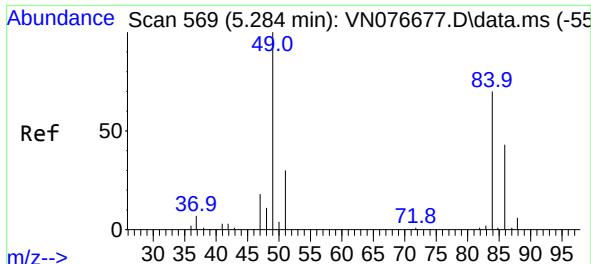
Tgt Ion: 53 Resp: 5906
Ion Ratio Lower Upper
53 100
52 23.9 41.5 124.6#
51 8.5 17.6 52.8#



#16
Carbon Disulfide
Concen: 1.077 ug/l
RT: 4.731 min Scan# 475
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

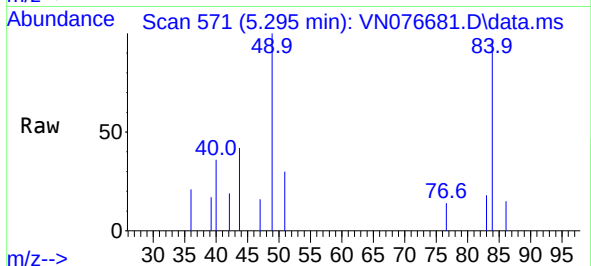
Tgt Ion: 76 Resp: 11306
Ion Ratio Lower Upper
76 100
78 10.9 6.6 9.8#





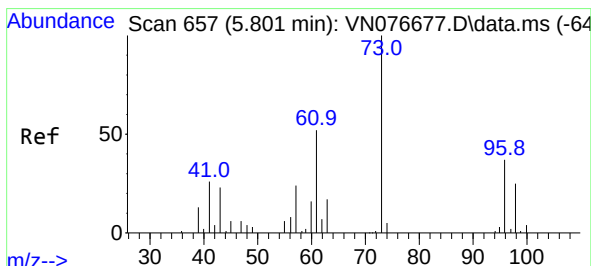
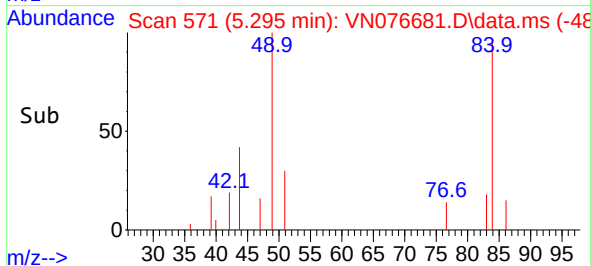
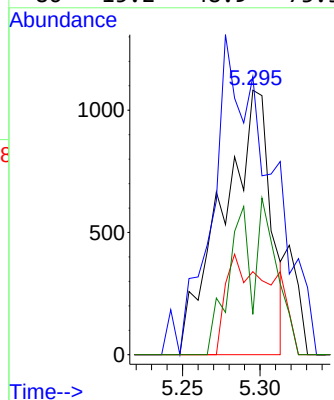
#18
Methylene Chloride
Concen: 0.494 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN076681.D
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Instrument :
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Tgt Ion: 84 Resp: 2334

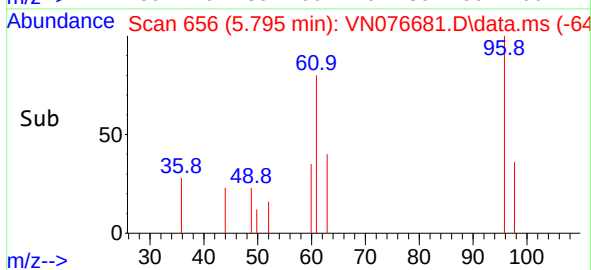
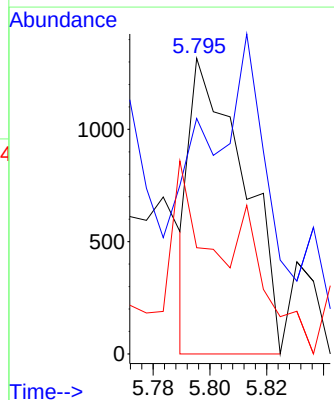
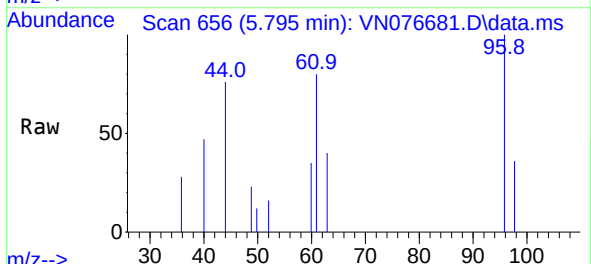
Ion	Ratio	Lower	Upper
84	100		
49	105.1	113.8	170.6#
51	31.4	34.2	51.4#
86	15.2	48.9	73.3#

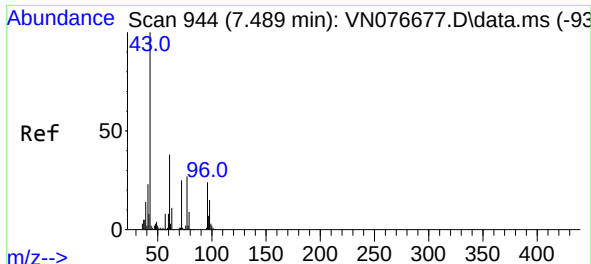


#19
trans-1,2-Dichloroethene
Concen: 0.408 ug/l
RT: 5.795 min Scan# 656
Delta R.T. -0.006 min
Lab File: VN076681.D
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Tgt Ion: 96 Resp: 1714

Ion	Ratio	Lower	Upper
96	100		
61	47.9	111.0	166.4#
98	23.3	55.0	82.6#

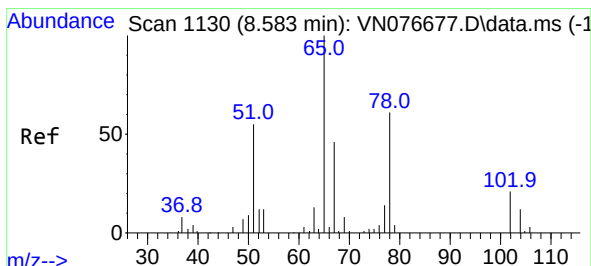
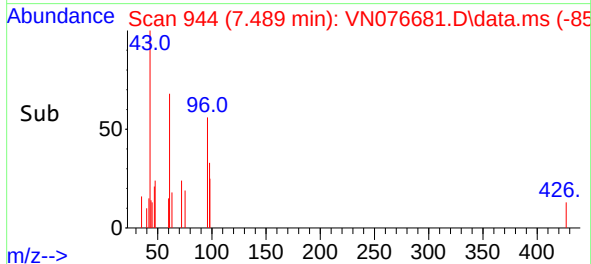
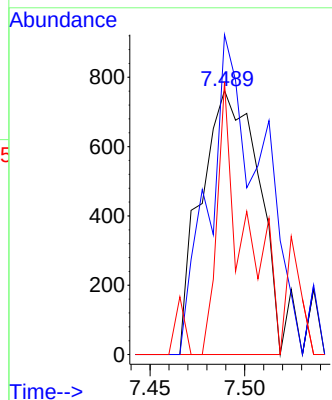
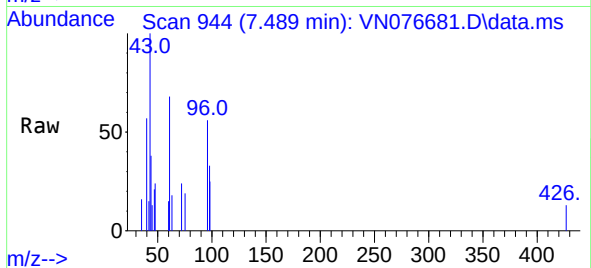




#22
 cis-1,2-Dichloroethene
 Concen: 0.332 ug/l
 RT: 7.489 min Scan# 944
 Delta R.T. -0.000 min
 Lab File: VN076681.D
 Acq: 15 Feb 2023 12:23

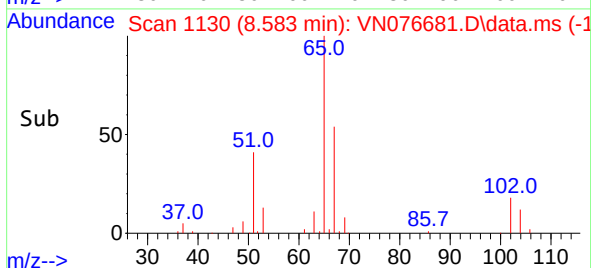
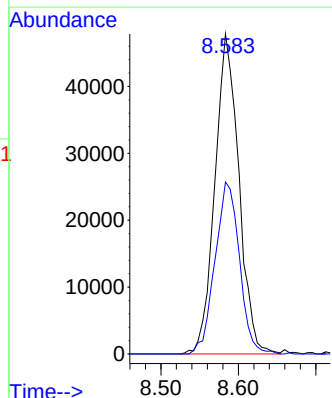
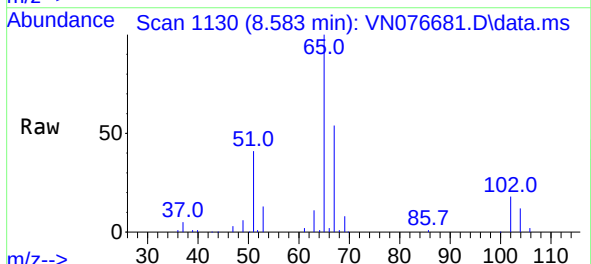
Instrument :
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 ClientSampleId :

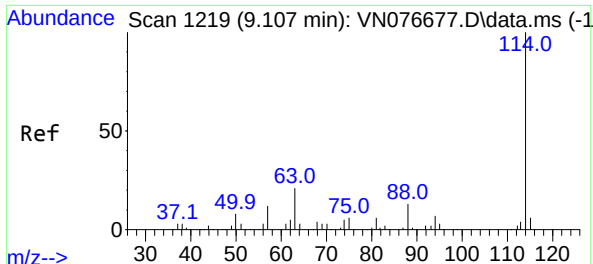
Tgt Ion: 96 Resp: 1598
 Ion Ratio Lower Upper
 96 100
 61 48.4 121.0 181.4#
 98 27.5 50.1 75.1#



#27
 1,2-Dichloroethane-d4
 Concen: 29.617 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN076681.D
 Acq: 15 Feb 2023 12:23

Tgt Ion: 65 Resp: 102757
 Ion Ratio Lower Upper
 65 100
 67 54.8 40.9 61.3

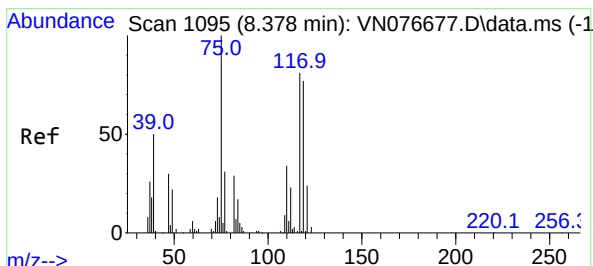
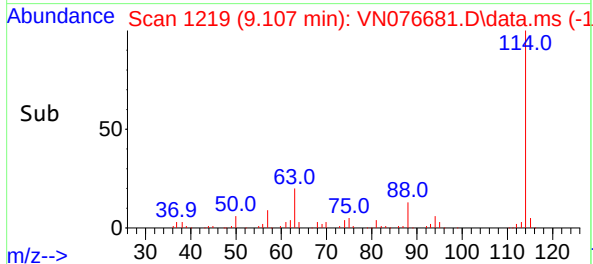
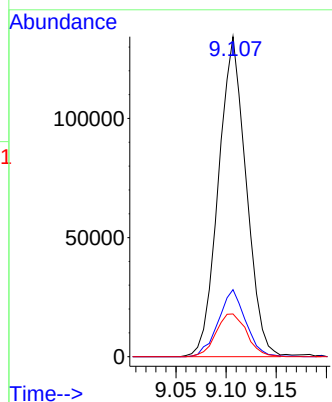
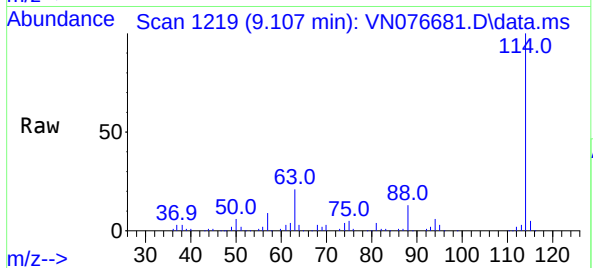




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

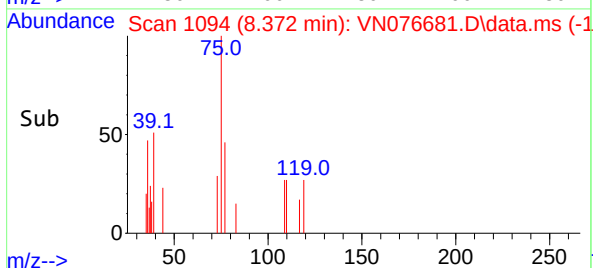
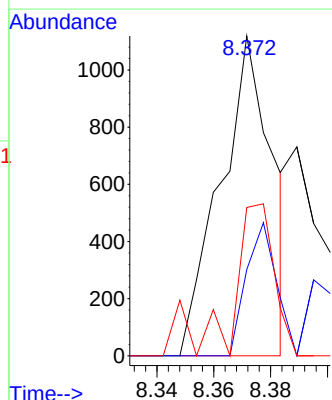
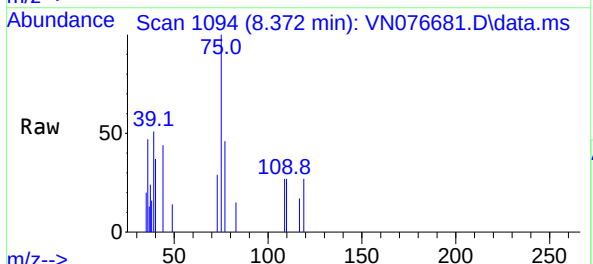
Instrument :
MSVOA_N
ClientSampleId :

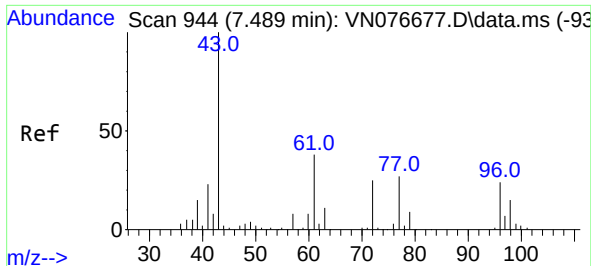
Tgt Ion:114 Resp: 257646
Ion Ratio Lower Upper
114 100
63 20.6 17.0 25.4
88 14.8 11.6 17.4



#29
1,1-Dichloropropene
Concen: 0.242 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

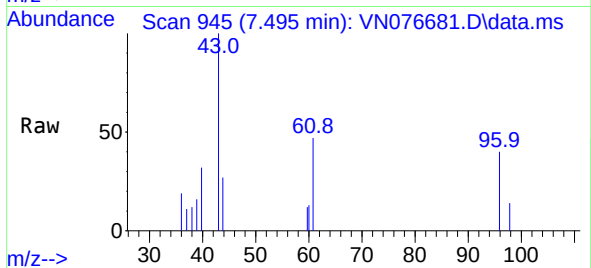
Tgt Ion: 75 Resp: 1420
Ion Ratio Lower Upper
75 100
110 24.2 0.0 67.2
77 30.3 0.0 64.4



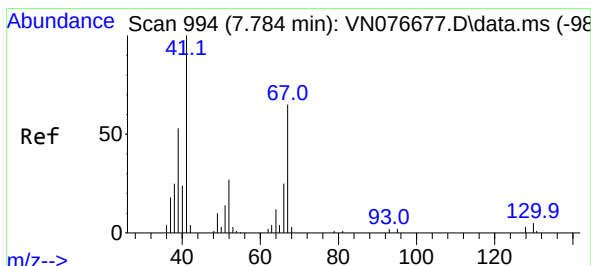
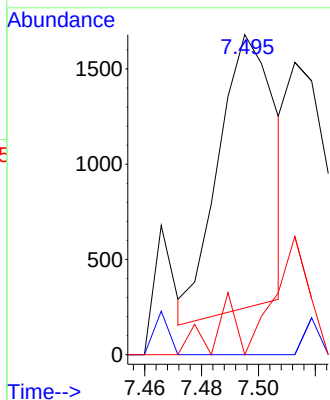
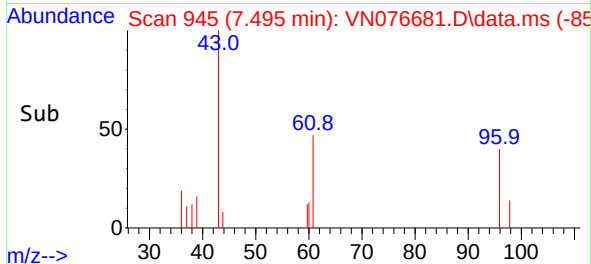


#30
2-Butanone
Concen: 0.582 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

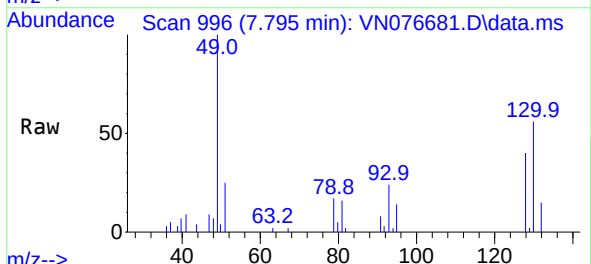
Instrument :
MSVOA_N
ClientSampleId :



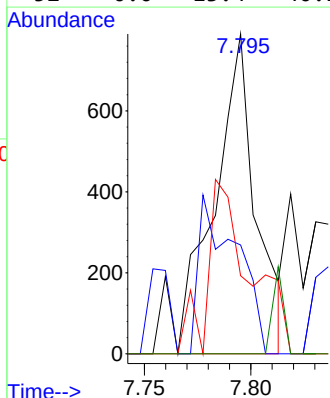
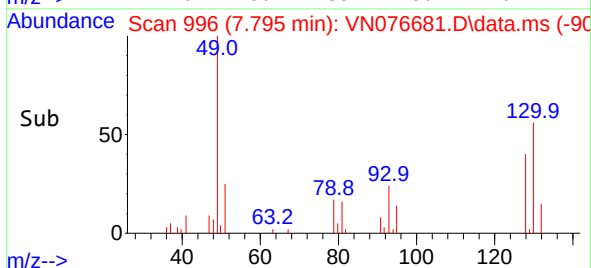
Tgt Ion: 43 Resp: 1994
Ion Ratio Lower Upper
43 100
57 0.0 6.1 9.1#
72 5.8 20.2 30.4#

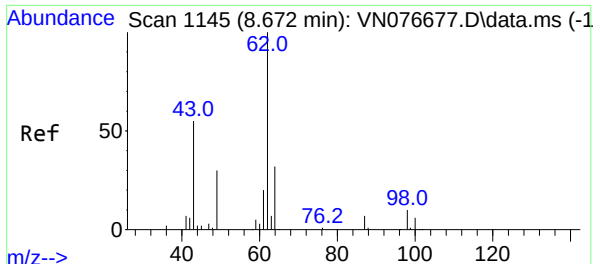


#35
Methacrylonitrile
Concen: 0.285 ug/l
RT: 7.795 min Scan# 996
Delta R.T. 0.012 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23



Tgt Ion: 41 Resp: 1067
Ion Ratio Lower Upper
41 100
39 109.6 26.6 79.7#
67 24.4 32.3 96.9#
52 0.0 13.4 40.1#

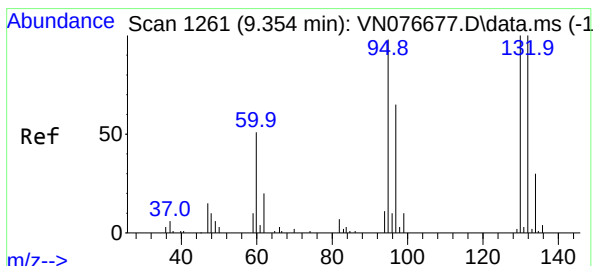
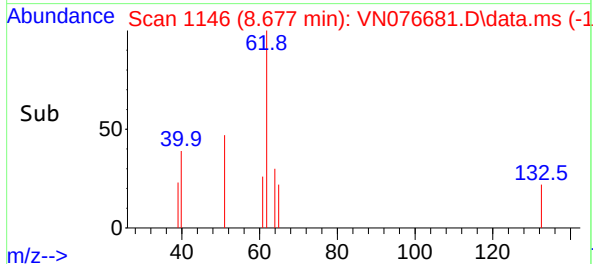
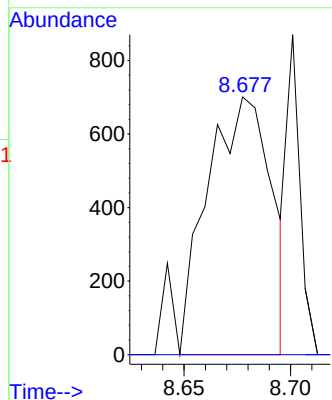
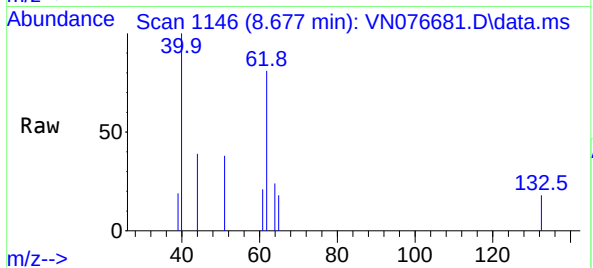




#36
1,2-Dichloroethane
Concen: 0.233 ug/l
RT: 8.677 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

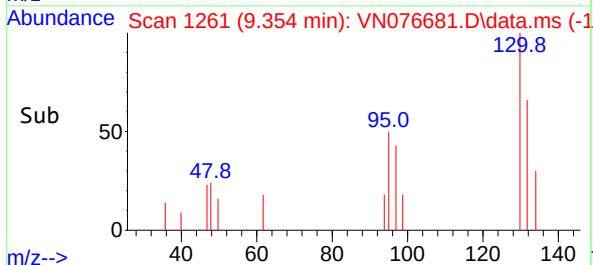
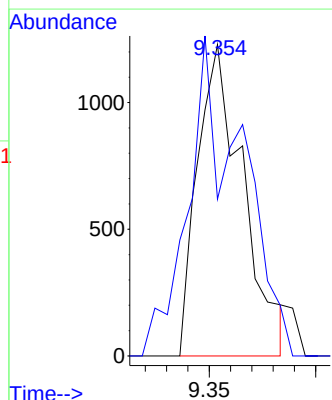
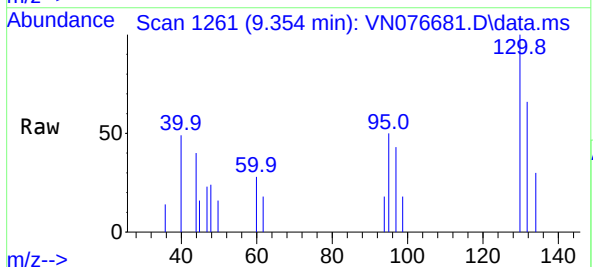
Instrument :
MSVOA_N
ClientSampleId :

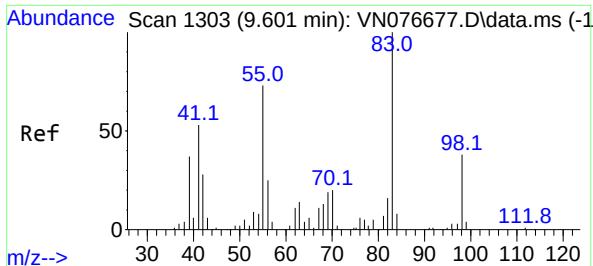
Tgt Ion: 62 Resp: 1462
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#



#37
Trichloroethene
Concen: 0.418 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

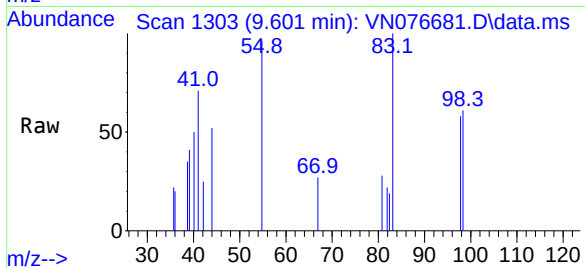
Tgt Ion: 130 Resp: 1823
Ion Ratio Lower Upper
130 100
95 34.1 78.7 118.1#



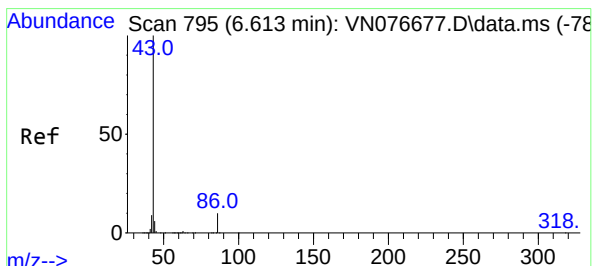
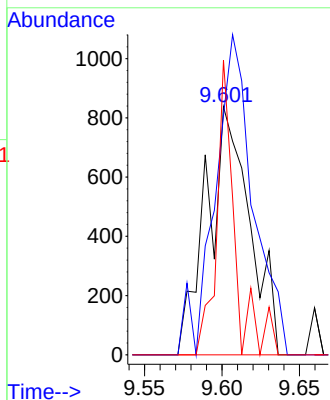
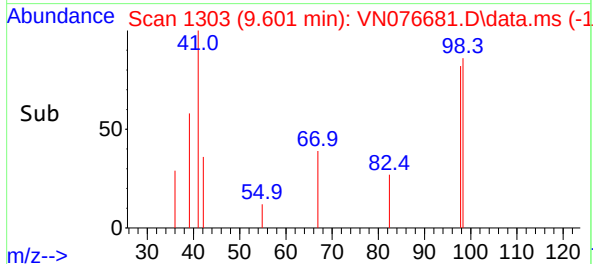


#38
Methylcyclohexane
Concen: 0.219 ug/l
RT: 9.601 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

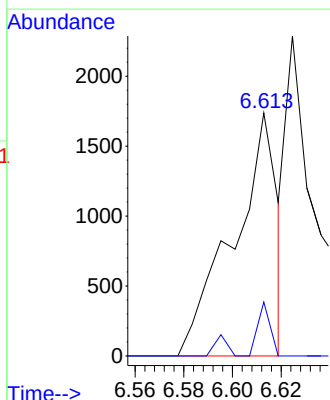
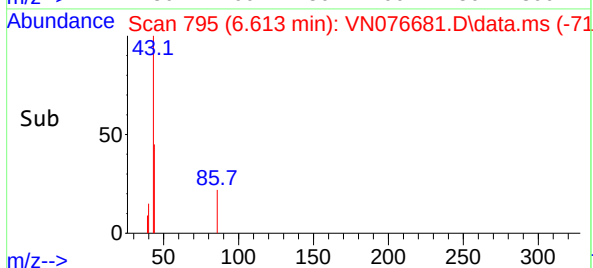
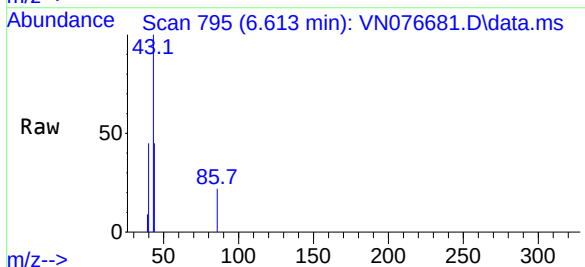


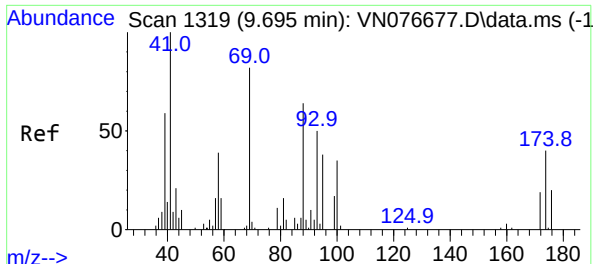
Tgt Ion: 83 Resp: 1620
Ion Ratio Lower Upper
83 100
55 110.2 37.6 112.9
98 41.2 24.1 72.4



#42
Vinyl Acetate
Concen: 0.222 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

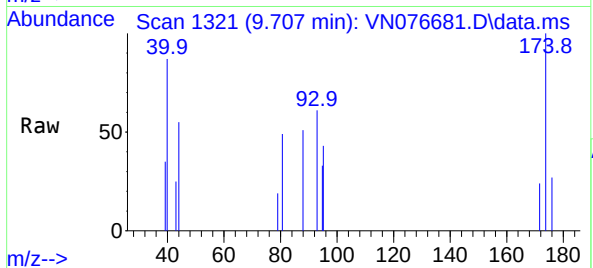
Tgt Ion: 43 Resp: 2202
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.6#



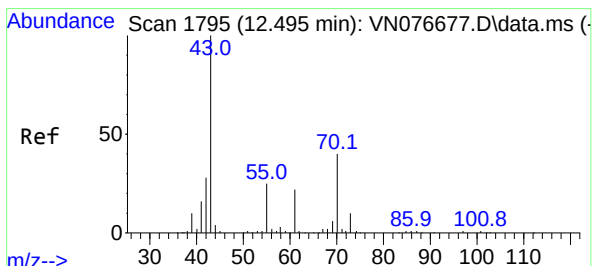
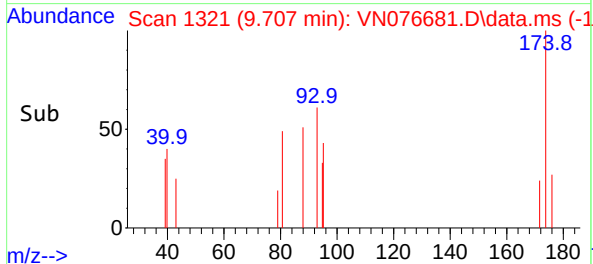
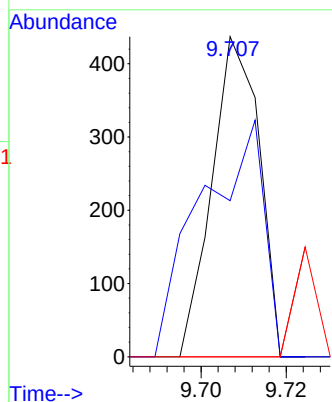


#45
1,4-Dioxane
Concen: 3.704 ug/l
RT: 9.707 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

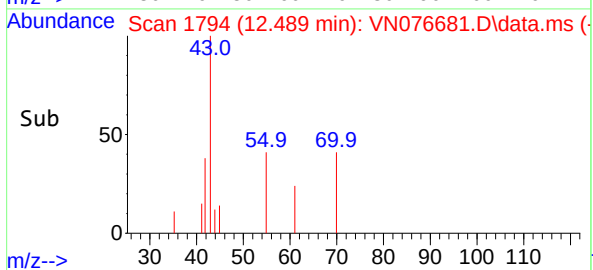
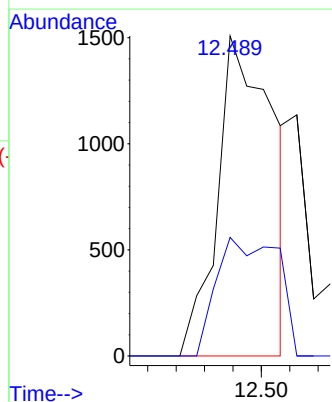
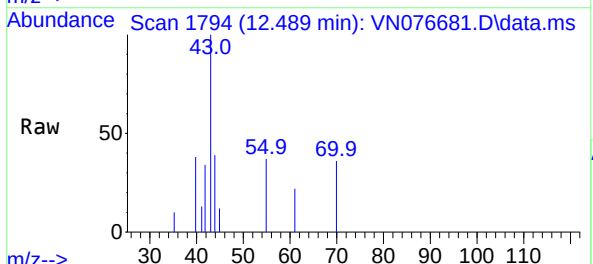


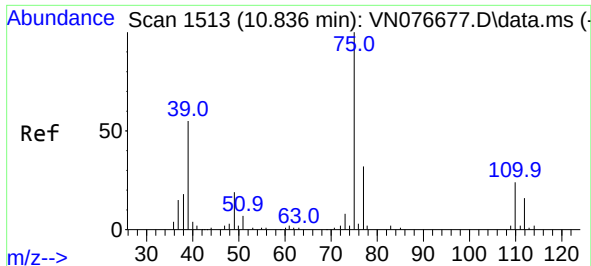
Tgt Ion: 88 Resp: 337
Ion Ratio Lower Upper
88 100
43 98.2 26.0 39.0#
58 0.0 54.3 81.5#



#47
n-amy1 Acetate
Concen: 0.217 ug/l
RT: 12.489 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
55 23.1 18.3 27.5

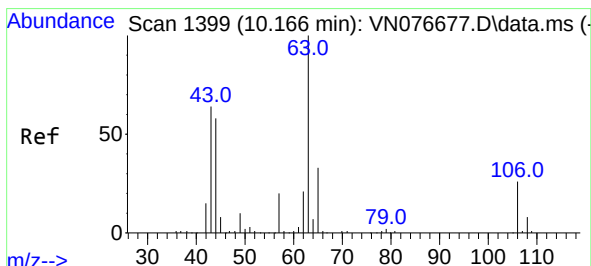
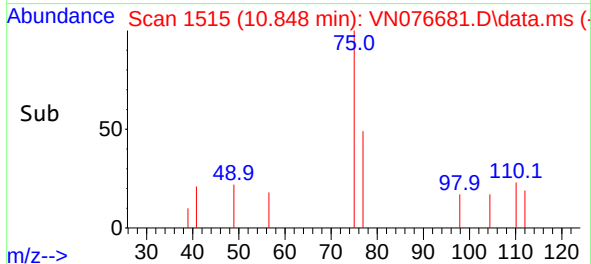
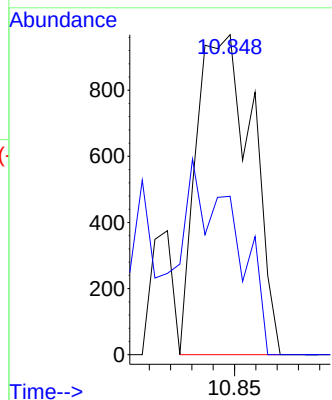
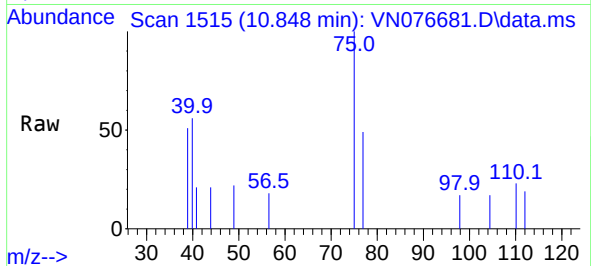




#48
t-1,3-Dichloropropene
Concen: 0.277 ug/l
RT: 10.848 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

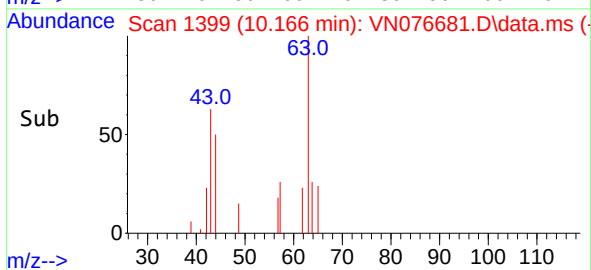
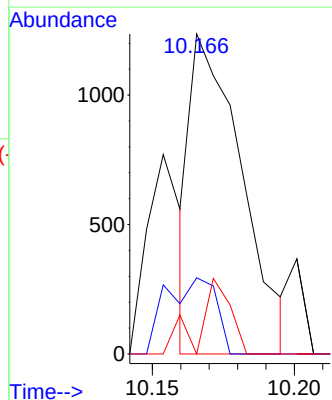
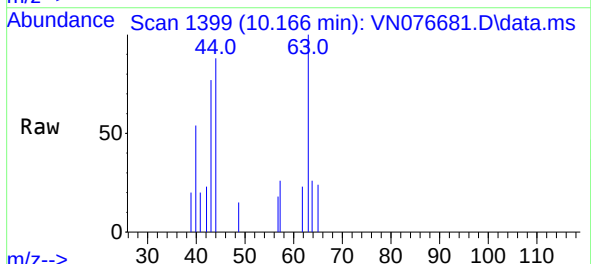
Instrument :
MSVOA_N
ClientSampleId :

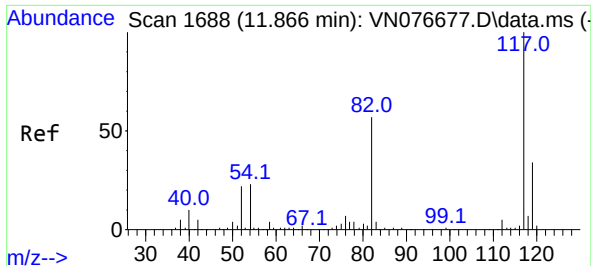
Tgt Ion: 75 Resp: 1751
Ion Ratio Lower Upper
75 100
77 49.5 25.4 38.2#



#55
2-Chloroethyl vinyl ether
Concen: 0.532 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

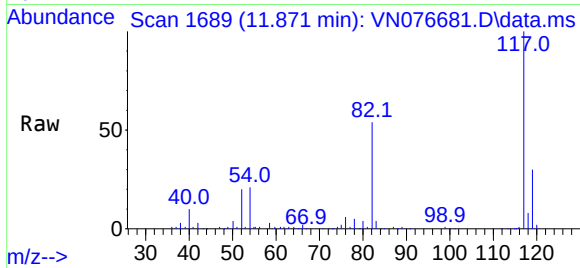
Tgt Ion: 63 Resp: 1548
Ion Ratio Lower Upper
63 100
65 12.7 26.3 39.5#
106 11.0 21.6 32.4#



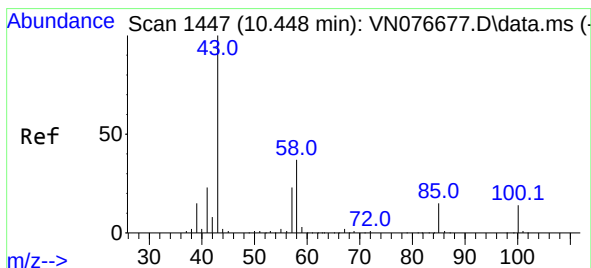
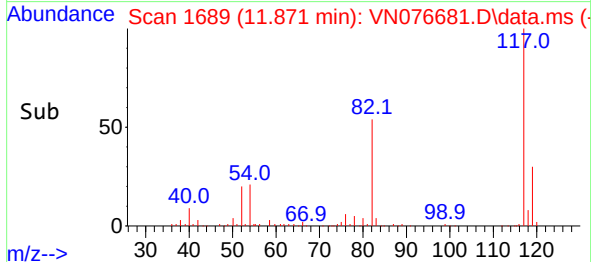
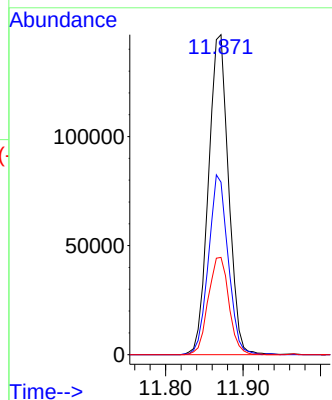


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

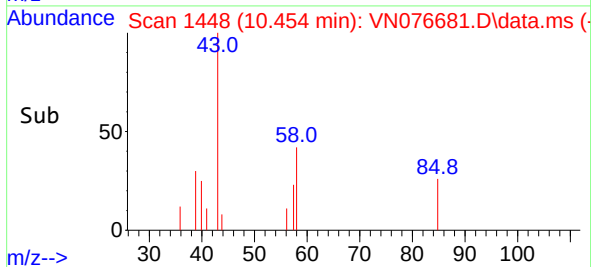
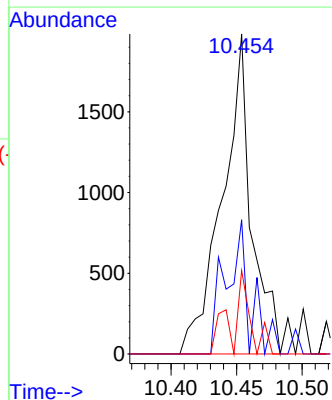
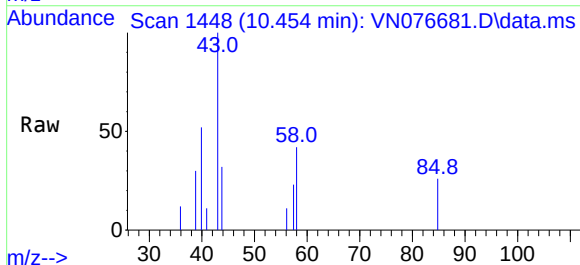


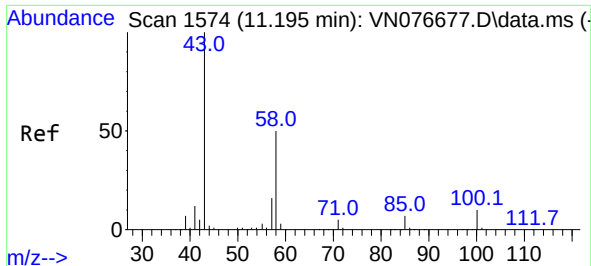
Tgt Ion:117 Resp: 264093
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 31.4 26.8 40.2



#58
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 10.454 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

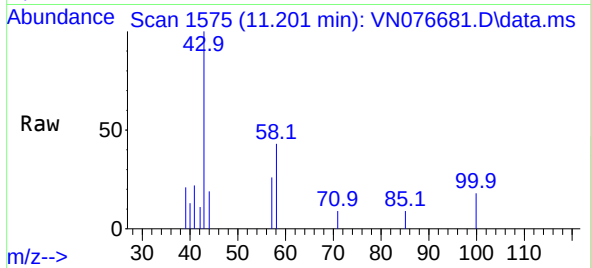
Tgt Ion: 43 Resp: 3068
Ion Ratio Lower Upper
43 100
58 14.6 28.6 42.8#
85 8.7 11.8 17.8#



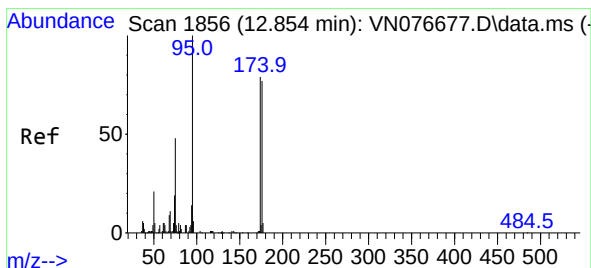
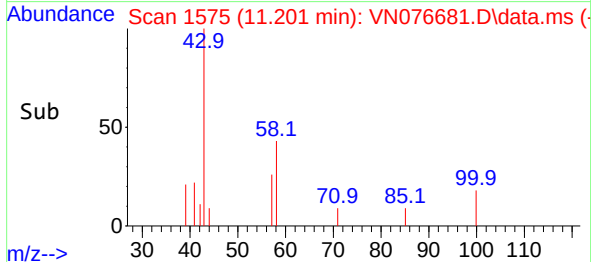
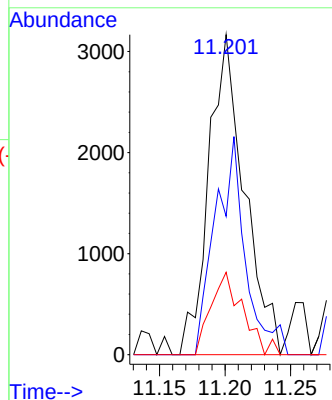


#59
2-Hexanone
Concen: 1.286 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

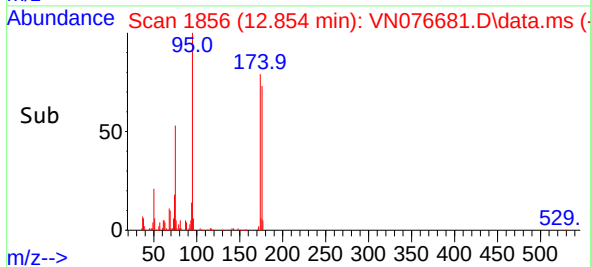
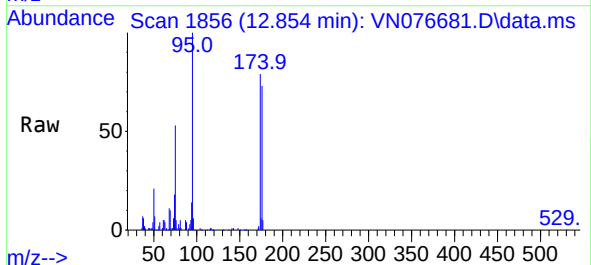
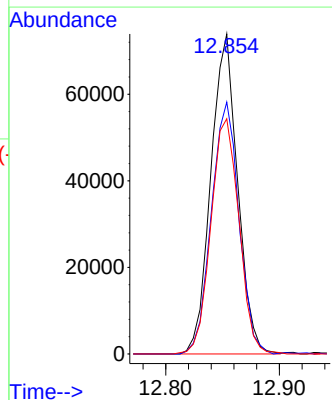


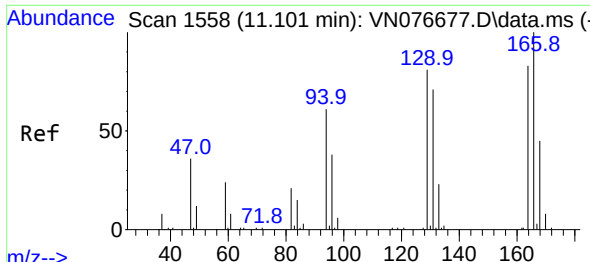
Tgt Ion: 43 Resp: 6006
Ion Ratio Lower Upper
43 100
58 55.8 40.6 60.8
57 22.2 13.1 19.7#



#60
4-Bromofluorobenzene
Concen: 25.829 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

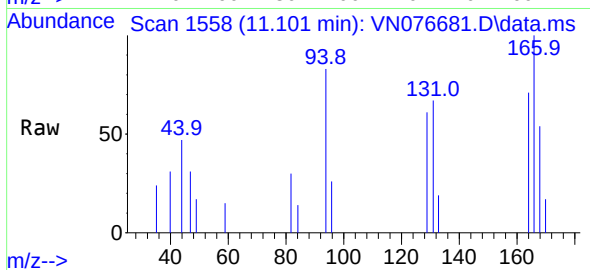
Tgt Ion: 95 Resp: 120654
Ion Ratio Lower Upper
95 100
174 81.3 64.2 96.4
176 77.2 61.4 92.0





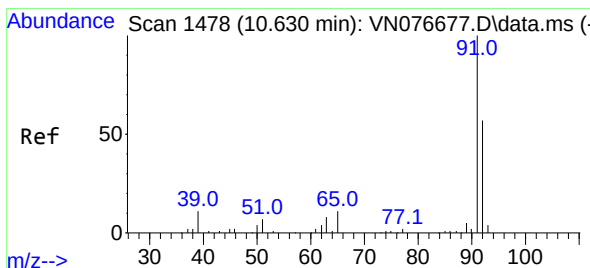
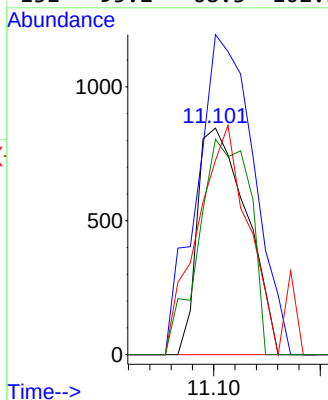
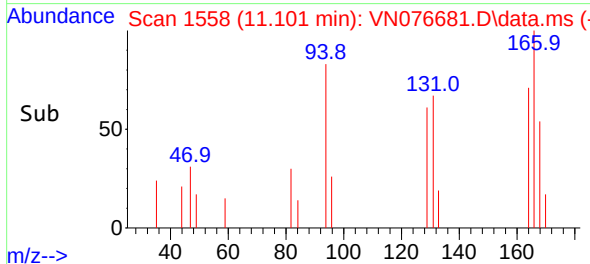
#61
Tetrachloroethene
Concen: 0.408 ug/l
RT: 11.101 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

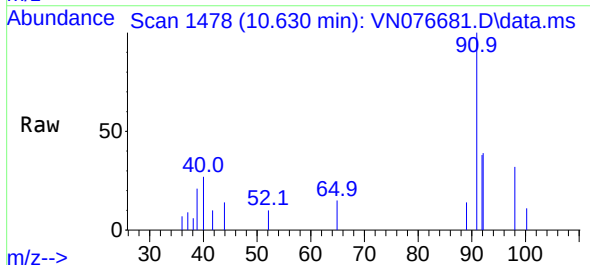


Tgt Ion:164 Resp: 1361

Ion	Ratio	Lower	Upper
164	100		
166	115.0	96.2	144.2
129	85.8	78.2	117.4
131	95.2	68.3	102.5

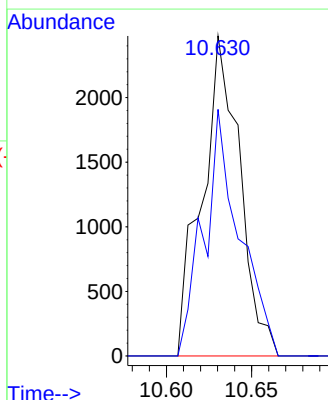
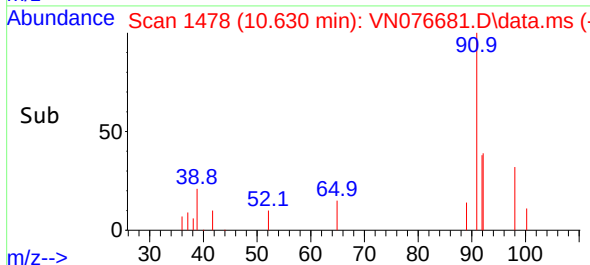


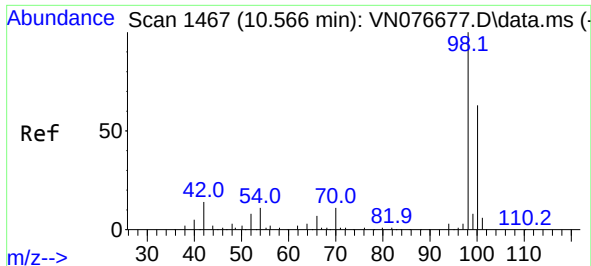
#62
Toluene
Concen: 0.207 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23



Tgt Ion: 91 Resp: 3813

Ion	Ratio	Lower	Upper
91	100		
92	72.9	46.3	69.5

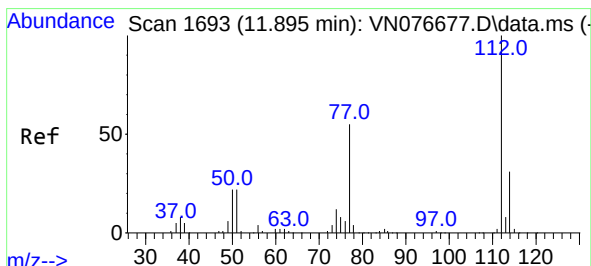
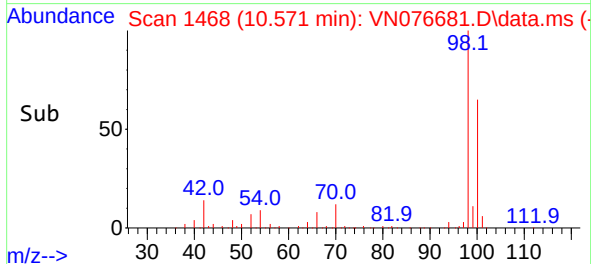
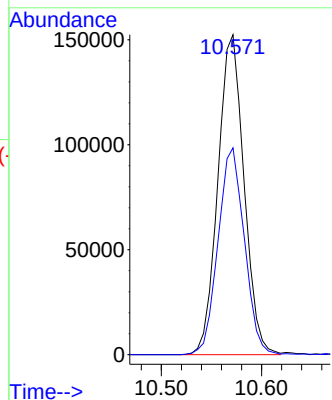
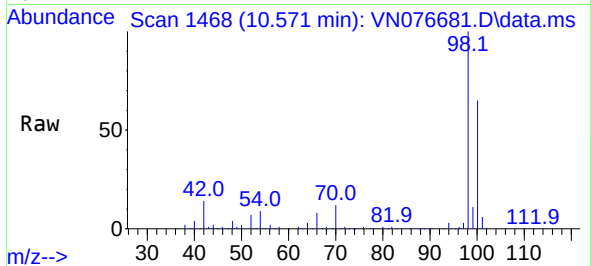




#63
Toluene-d8
Concen: 29.829 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

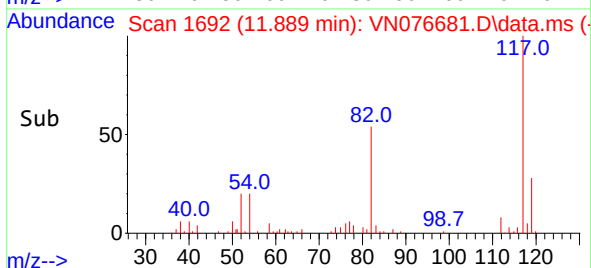
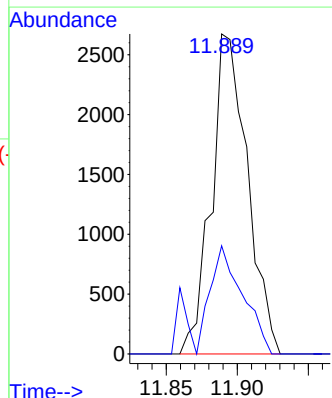
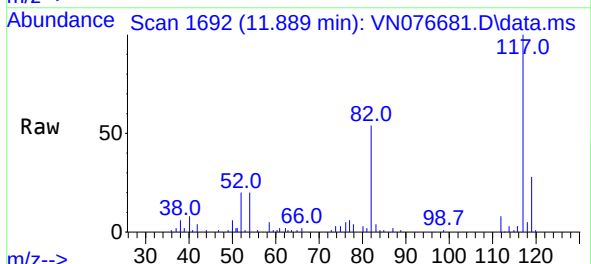
Instrument :
MSVOA_N
ClientSampleId :

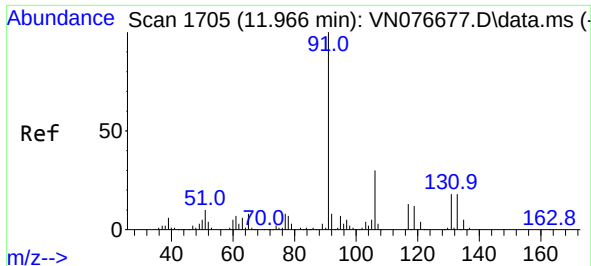
Tgt Ion: 98 Resp: 275924
Ion Ratio Lower Upper
98 100
100 65.1 53.8 80.6



#64
Chlorobenzene
Concen: 0.429 ug/l
RT: 11.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 112 Resp: 4722
Ion Ratio Lower Upper
112 100
114 31.9 24.5 36.7

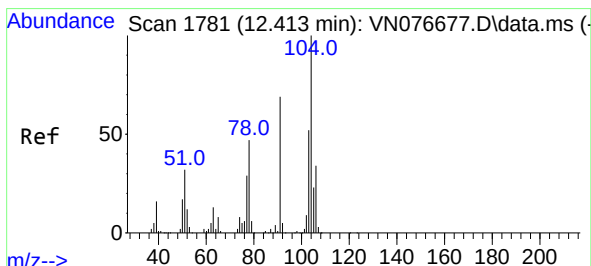
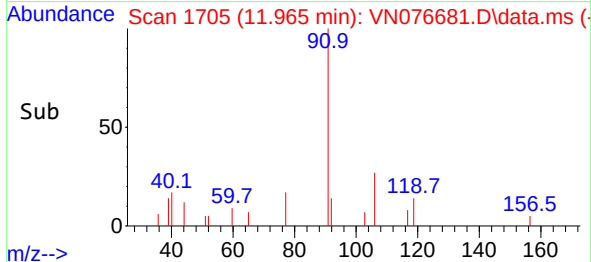
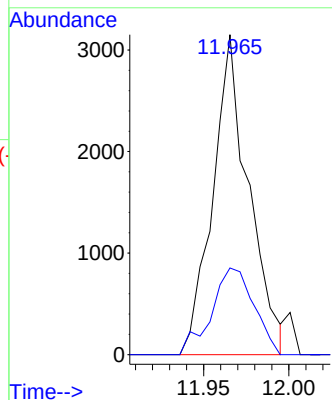
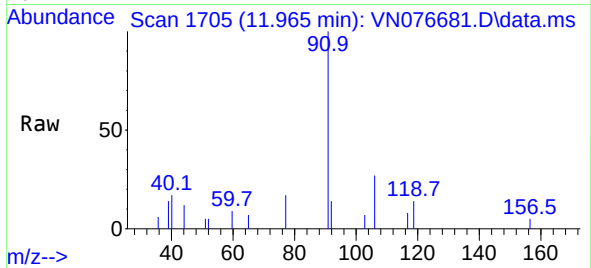




#66
Ethyl Benzene
Concen: 0.235 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

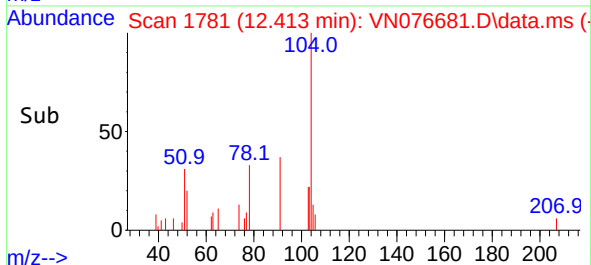
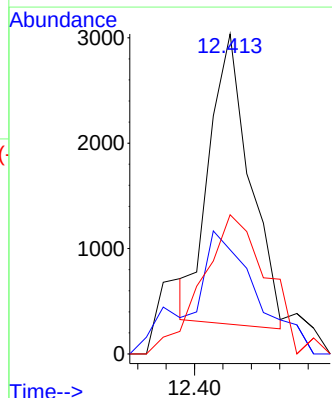
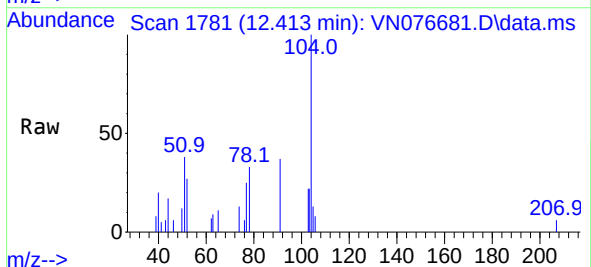
Instrument :
MSVOA_N
ClientSampleId :

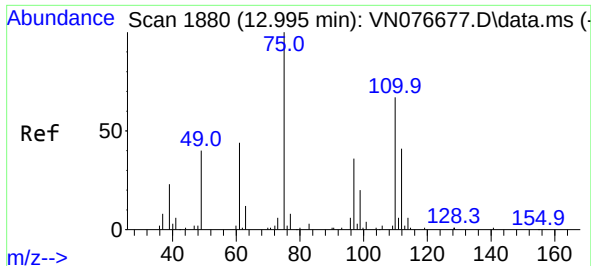
Tgt Ion: 91 Resp: 4615
Ion Ratio Lower Upper
91 100
106 27.1 23.8 35.8



#69
Styrene
Concen: 0.223 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Tgt Ion:104 Resp: 2704
Ion Ratio Lower Upper
104 100
78 57.0 39.6 59.4
103 75.9 43.9 65.9#

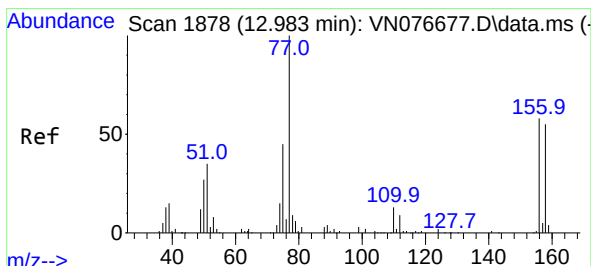
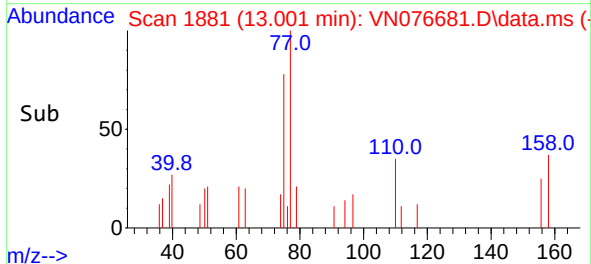
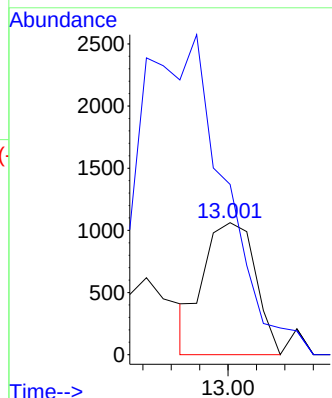
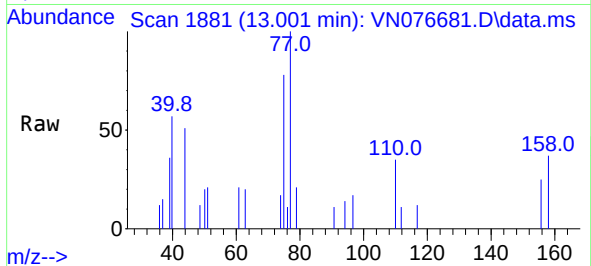




#72
1,2,3-Trichloropropane
Concen: 0.241 ug/l
RT: 13.001 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

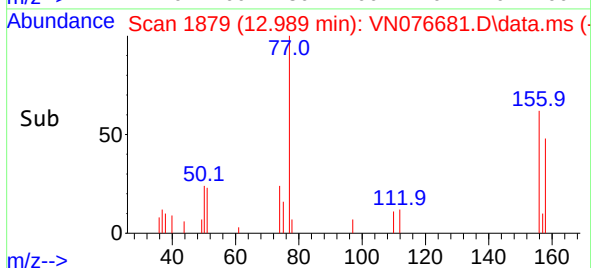
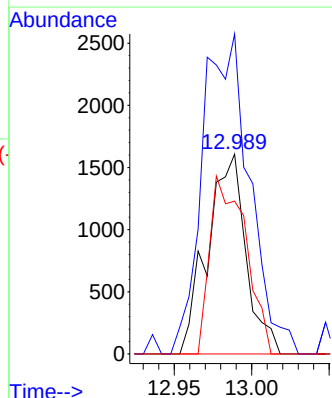
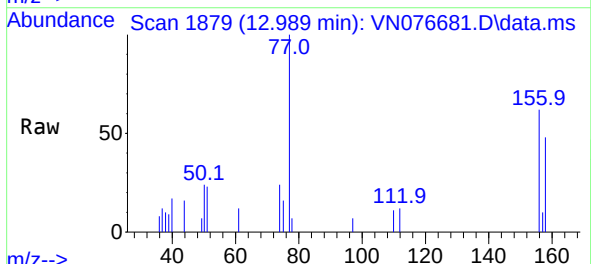
Instrument :
MSVOA_N
ClientSampleId :

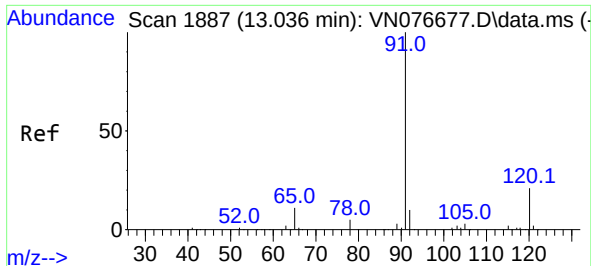
Tgt Ion: 75 Resp: 1341
Ion Ratio Lower Upper
75 100
77 149.0 0.0 332.6



#73
Bromobenzene
Concen: 0.620 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Tgt Ion:156 Resp: 2776
Ion Ratio Lower Upper
156 100
77 72.0 0.0 423.0
158 0.0 0.0 188.6

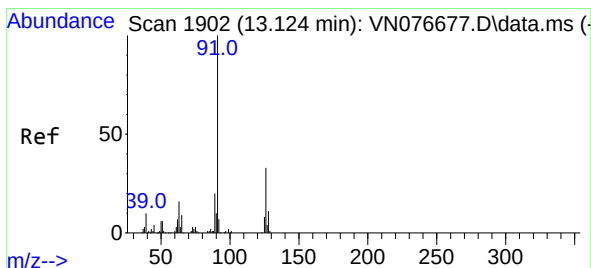
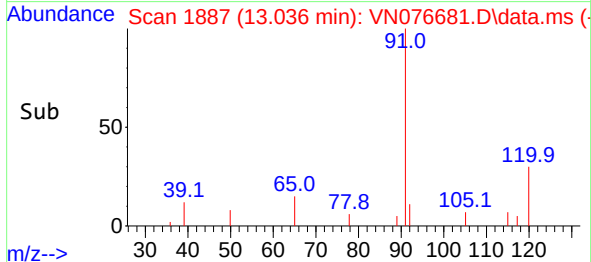
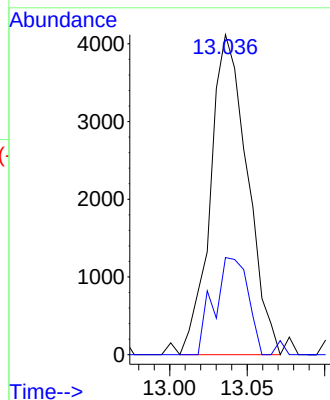
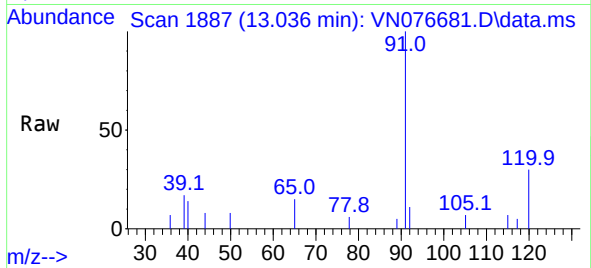




#74
n-propylbenzene
Concen: 0.297 ug/l
RT: 13.036 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

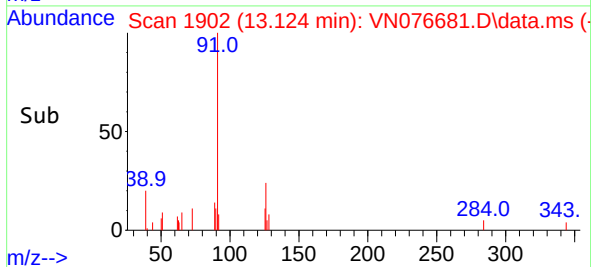
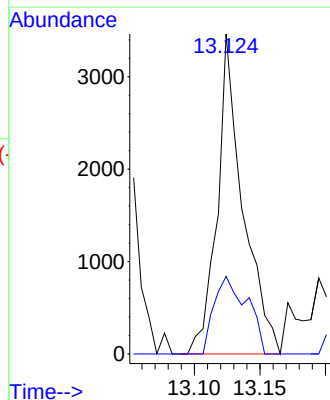
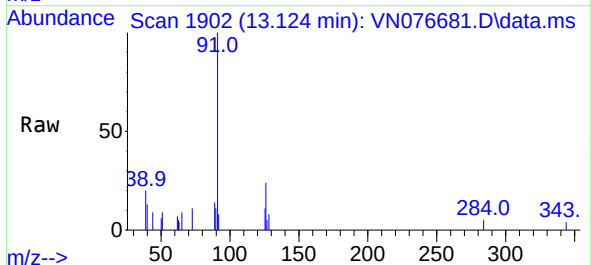
Instrument :
MSVOA_N
ClientSampleId :

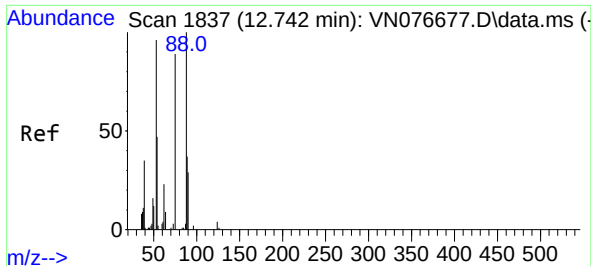
Tgt Ion: 91 Resp: 6829
Ion Ratio Lower Upper
91 100
120 27.7 0.0 44.0



#75
2-Chlorotoluene
Concen: 0.343 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

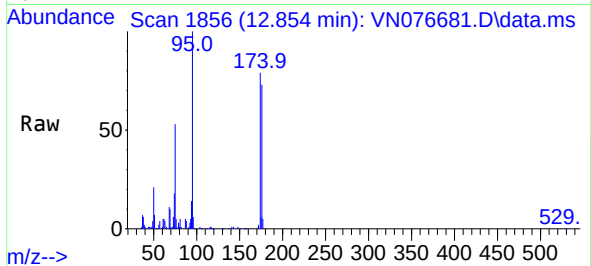
Tgt Ion: 91 Resp: 4694
Ion Ratio Lower Upper
91 100
126 23.6 0.0 66.4



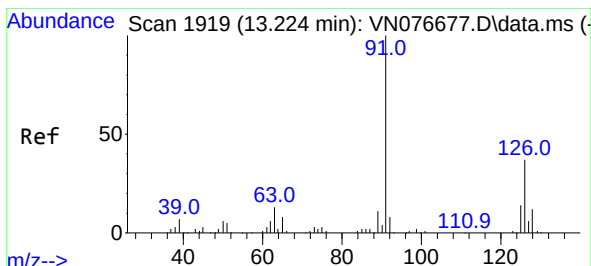
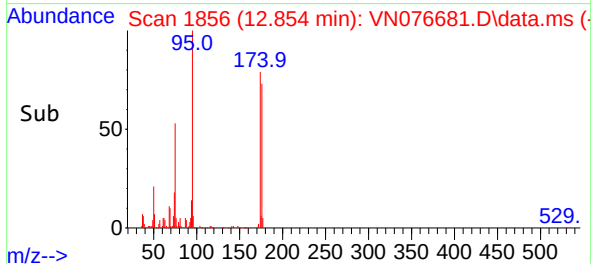
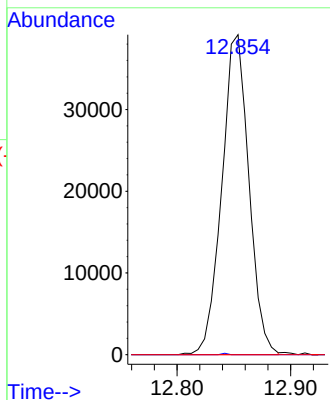


#77
t-1,4-Dichloro-2-butene
Concen: 36.272 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

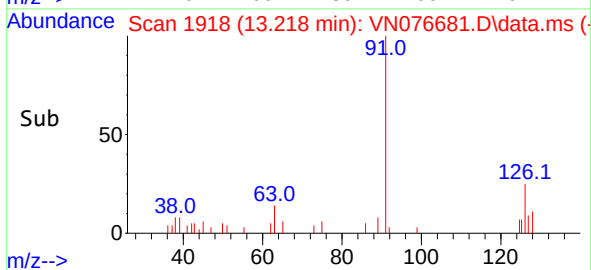
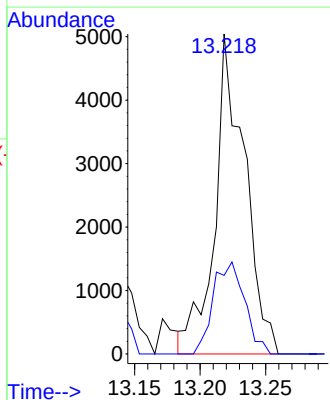
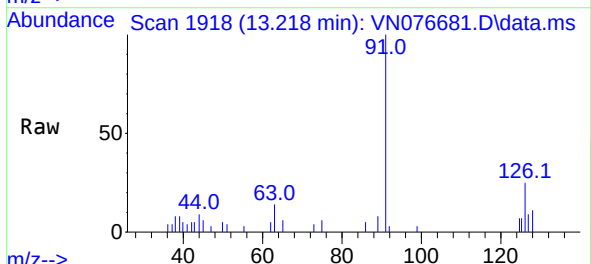


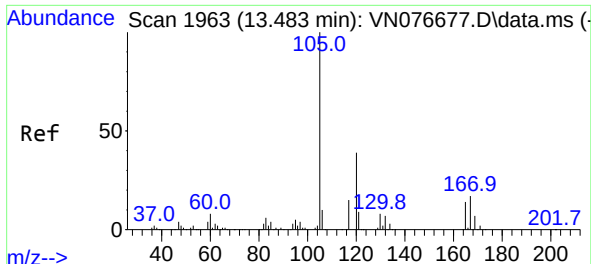
Tgt Ion: 75 Resp: 64787
Ion Ratio Lower Upper
75 100
53 0.0 50.4 151.3#
89 0.0 22.1 66.5#



#78
4-Chlorotoluene
Concen: 0.609 ug/l
RT: 13.218 min Scan# 1918
Delta R.T. -0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 91 Resp: 7986
Ion Ratio Lower Upper
91 100
126 30.3 0.0 70.6

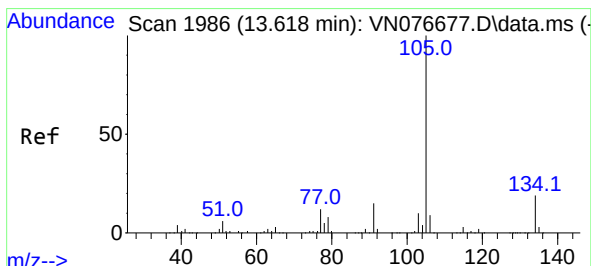
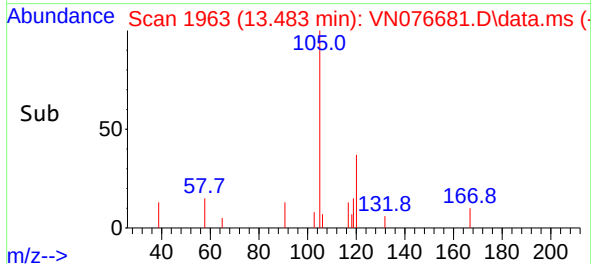
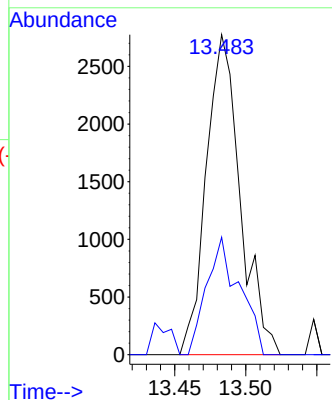
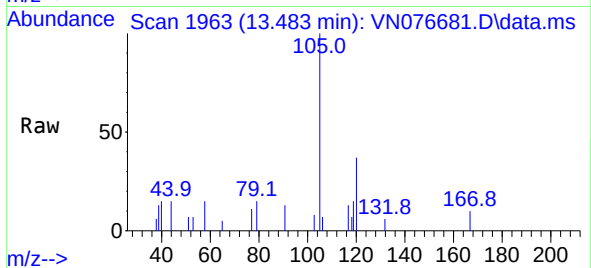




#80
1,2,4-Trimethylbenzene
Concen: 0.290 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

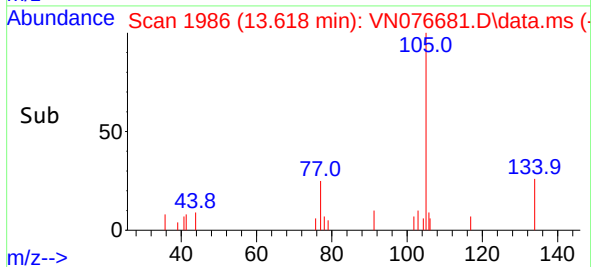
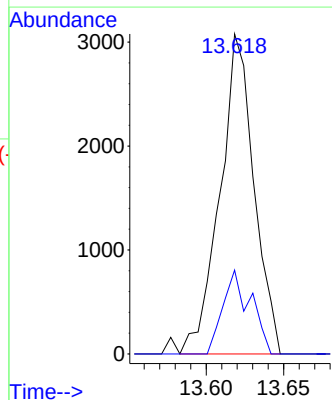
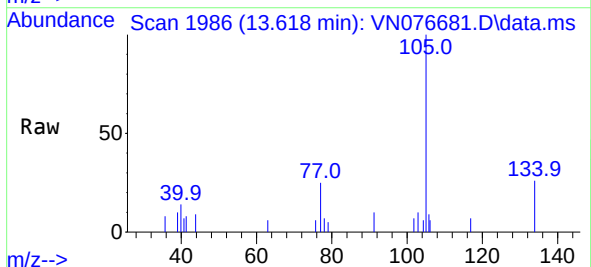
Instrument :
MSVOA_N
ClientSampleId :

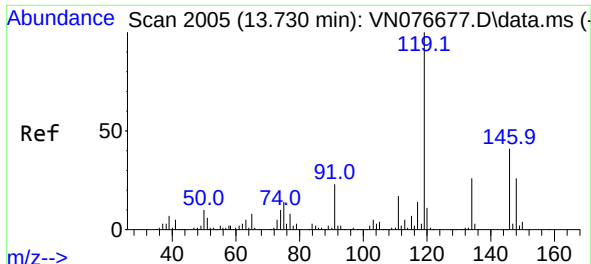
Tgt Ion:105 Resp: 4632
Ion Ratio Lower Upper
105 100
120 35.4 0.0 93.2



#81
sec-Butylbenzene
Concen: 0.230 ug/l
RT: 13.618 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Tgt Ion:105 Resp: 4698
Ion Ratio Lower Upper
105 100
134 21.4 0.0 39.4

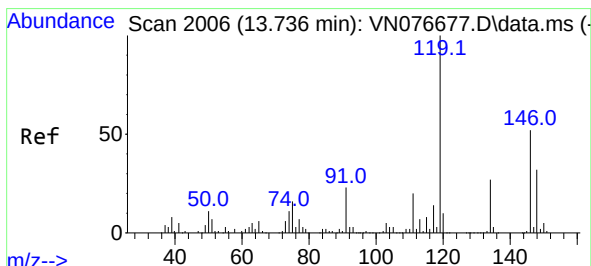
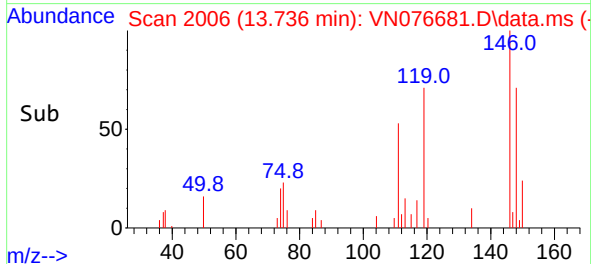
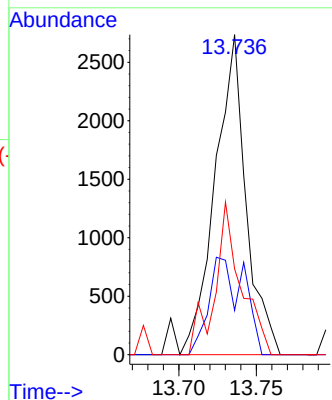
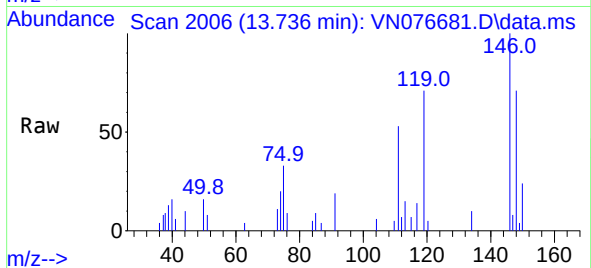




#82
p-Isopropyltoluene
Concen: 0.229 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

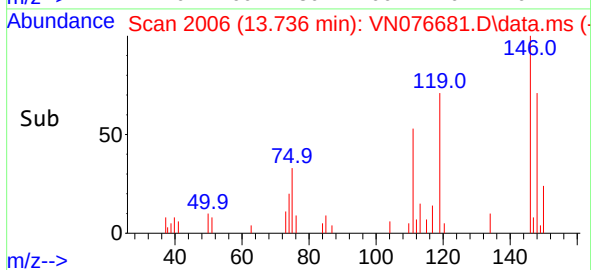
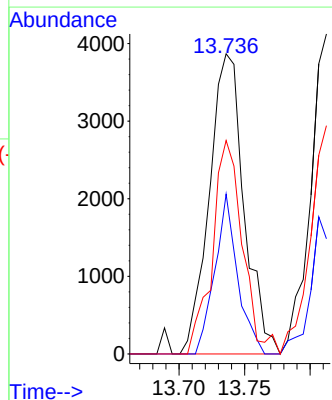
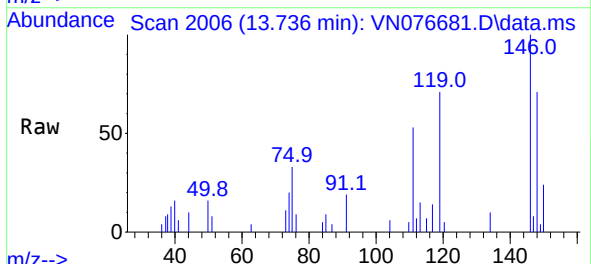
Instrument :
MSVOA_N
ClientSampleId :

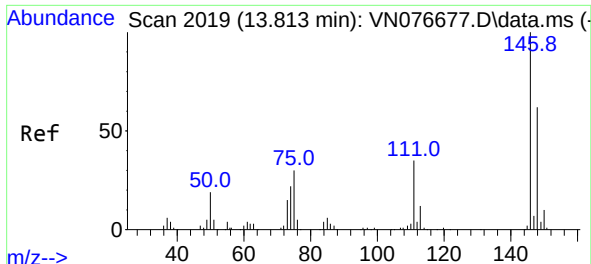
Tgt Ion:119 Resp: 3796
Ion Ratio Lower Upper
119 100
134 23.4 0.0 53.4
91 34.9 0.0 47.2



#83
1,3-Dichlorobenzene
Concen: 0.835 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

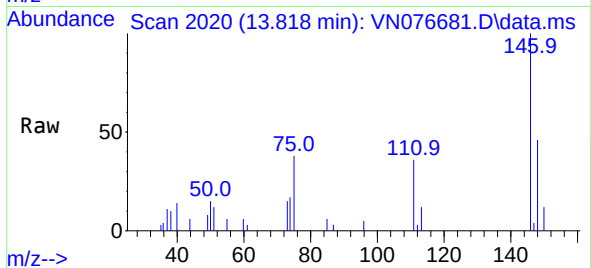
Tgt Ion:146 Resp: 7142
Ion Ratio Lower Upper
146 100
111 34.8 20.3 60.8
148 60.3 31.9 95.5



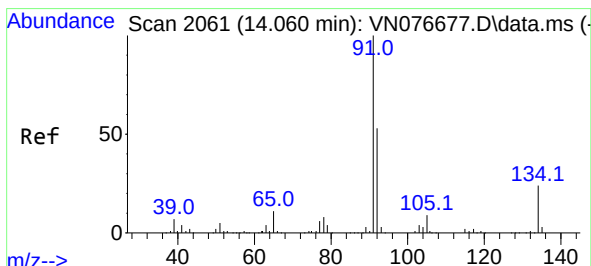
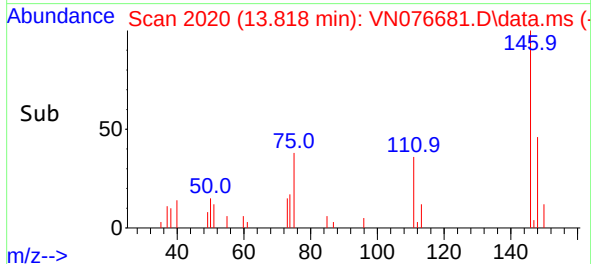
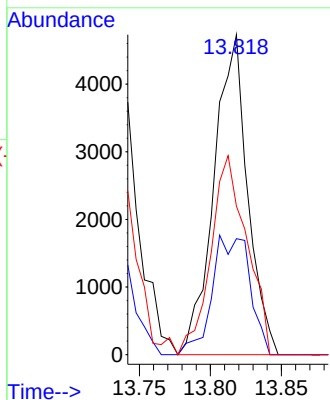


#84
1,4-Dichlorobenzene
Concen: 0.935 ug/l
RT: 13.818 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

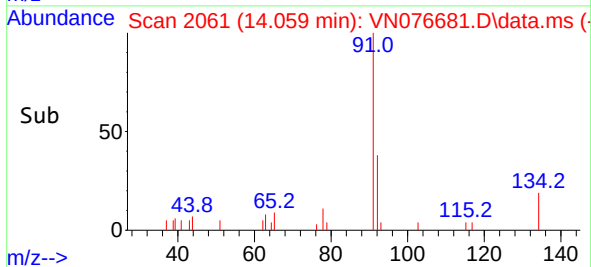
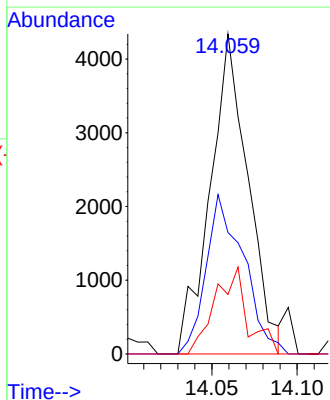
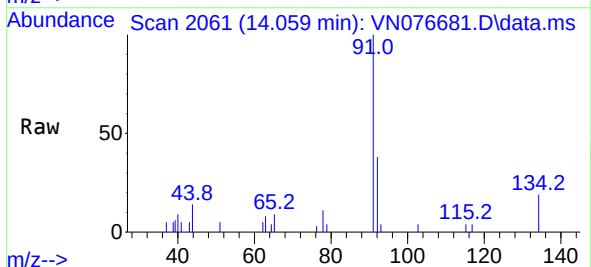


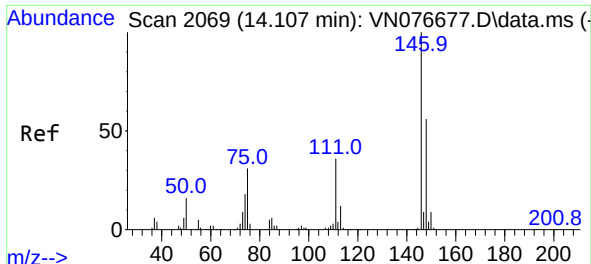
Tgt Ion:146 Resp: 7802
Ion Ratio Lower Upper
146 100
111 20.4 18.2 54.6
148 66.6 31.1 93.2



#85
n-Butylbenzene
Concen: 0.479 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 91 Resp: 6731
Ion Ratio Lower Upper
91 100
92 49.1 0.0 103.2
134 19.9 0.0 50.0





#87

1,2-Dichlorobenzene

Concen: 0.831 ug/l

RT: 13.736 min Scan# 2069

Delta R.T. -0.371 min

Lab File: VN076681.D

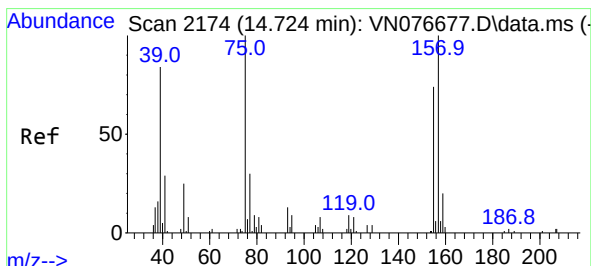
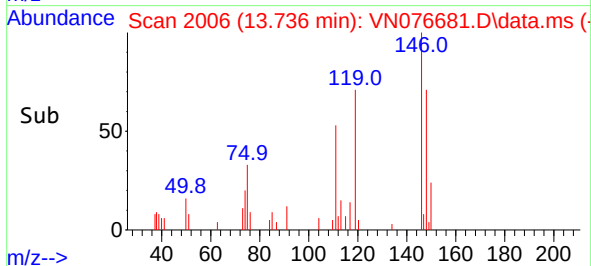
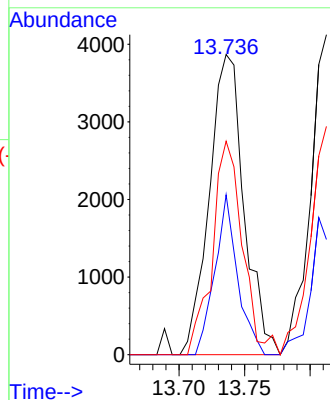
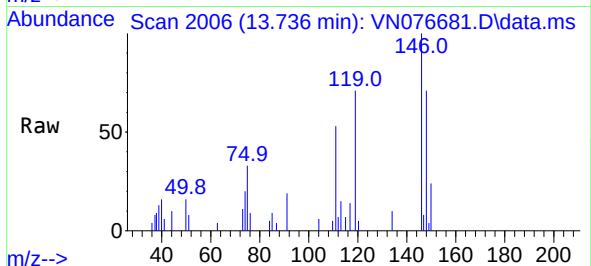
Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	7142
Ion Ratio	Lower	Upper
146	100	
111	34.8	20.5 61.6
148	60.3	32.5 97.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 0.823 ug/l

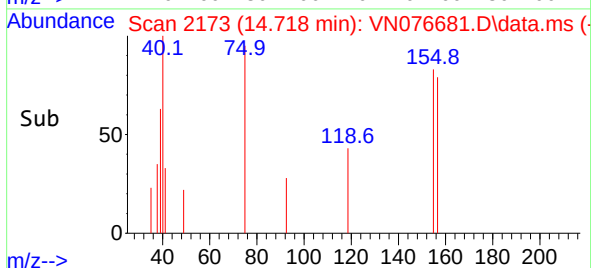
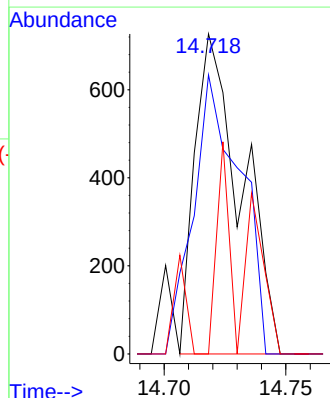
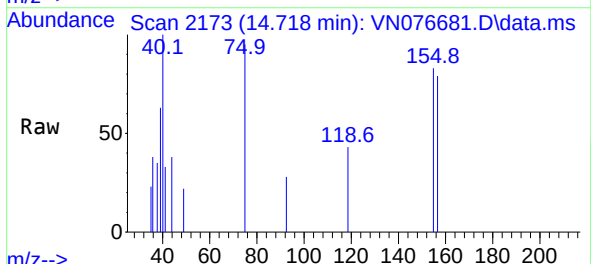
RT: 14.718 min Scan# 2173

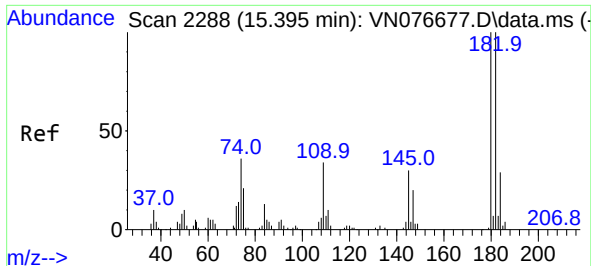
Delta R.T. -0.006 min

Lab File: VN076681.D

Acq: 15 Feb 2023 12:23

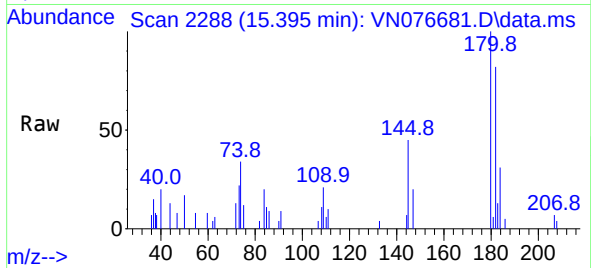
Tgt Ion: 75	Resp:	963
Ion Ratio	Lower	Upper
75	100	
155	74.0	62.5 93.7
157	17.7	77.5 116.3



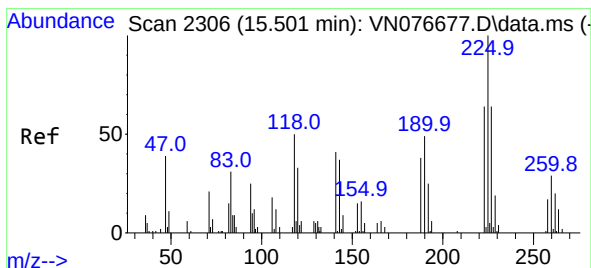
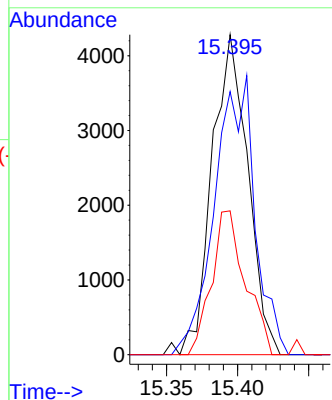
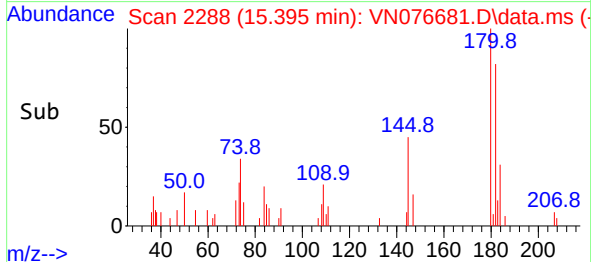


#89
1,2,4-Trichlorobenzene
Concen: 1.707 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

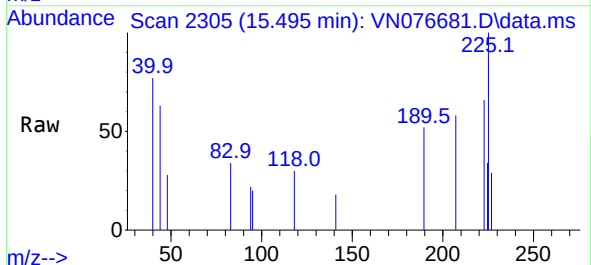
Instrument :
MSVOA_N
ClientSampleId :



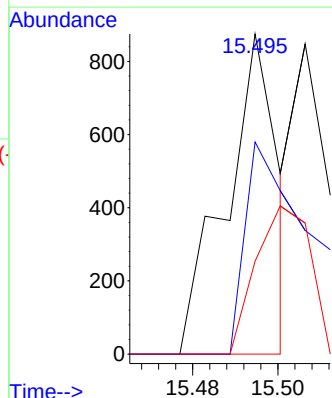
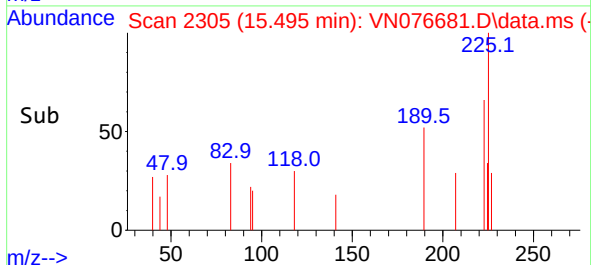
Tgt Ion:180 Resp: 7490
Ion Ratio Lower Upper
180 100
182 63.4 76.6 115.0#
145 42.6 24.6 36.8#

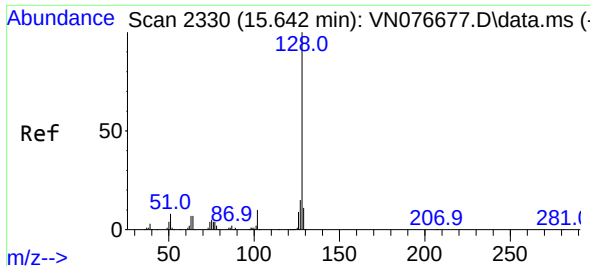


#90
Hexachlorobutadiene
Concen: 0.353 ug/l
RT: 15.495 min Scan# 2305
Delta R.T. -0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23



Tgt Ion:225 Resp: 745
Ion Ratio Lower Upper
225 100
223 90.9 0.0 135.4
227 48.2 0.0 129.4

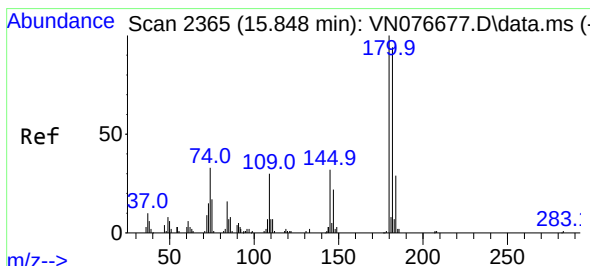
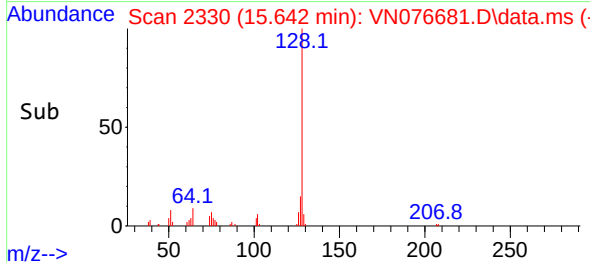
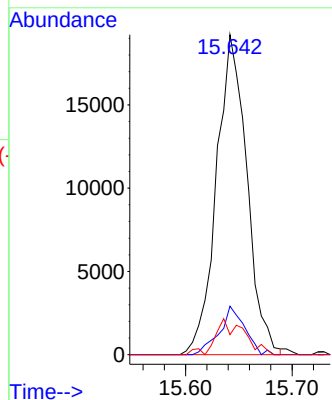
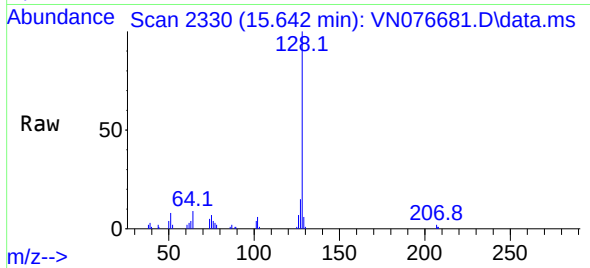




#91
Naphthalene
Concen: 2.702 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 38111
Ion Ratio Lower Upper
128 100
127 12.4 11.0 16.6
129 3.4 8.9 13.3#



#92
1,2,3-Trichlorobenzene
Concen: 2.108 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Tgt Ion:180 Resp: 9388
Ion Ratio Lower Upper
180 100
182 105.7 0.0 190.8
145 40.3 0.0 65.0

