

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074876.D
 Acq On : 12 Oct 2022 15:03
 Operator : JC\MD
 Sample : N4785-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-5

Quant Time: Oct 13 07:55:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	75286	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	455994	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	427250	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	215358	30.554	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.833%
60) 4-Bromofluorobenzene	12.853	95	219755	29.004	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.667%
63) Toluene-d8	10.571	98	737310	29.901	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.667%
Target Compounds						Qvalue
3) Chloromethane	2.383	50	9627	1.424	ug/l	90
4) Vinyl Chloride	2.536	62	926686	93.074	ug/l	99
5) Bromomethane	2.936	94	626479	79.360	ug/l	91
6) Chloroethane	2.977	64	4453	0.596	ug/l	93
12) Methyl Acetate	5.048	43	4282	0.387	ug/l #	52
13) Acrolein	4.206	56	340	0.217	ug/l	83
15) Acetone	4.453	58	189273	167.201	ug/l	90
18) Methylene Chloride	5.295	84	430351	72.233	ug/l	89
19) trans-1,2-Dichloroethene	5.806	96	93640	18.566	ug/l	93
22) cis-1,2-Dichloroethene	7.494	96	620253	98.206	ug/l	91
23) tert-Butyl Alcohol	5.542	59	3502	2.012	ug/l #	100
25) Chloroform	7.983	83	4497	0.417	ug/l	93
30) 2-Butanone	7.500	43	487100	74.200	ug/l #	82
33) Carbon Tetrachloride	8.371	117	809962	99.959	ug/l	97
34) Benzene	8.612	78	1168101	42.951	ug/l #	89
36) 1,2-Dichloroethane	8.677	62	1279653	141.293	ug/l	100
37) Trichloroethene	9.359	130	382947	67.706	ug/l	93
40) Dibromomethane	9.894	93	21993	4.707	ug/l #	10
41) Bromodichloromethane	9.894	83	768580	84.472	ug/l	99
45) 1,4-Dioxane	9.900	88	552	3.050	ug/l #	1
48) t-1,3-Dichloropropene	10.841	75	984543	94.314	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	774833	69.996	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	656501	95.491	ug/l	96
53) Dibromochloromethane	11.359	129	627407	93.146	ug/l	97
54) 1,2-Dibromoethane	11.471	107	362048	54.811	ug/l	96
56) Bromoform	12.582	173	423845	87.322	ug/l	100
59) 2-Hexanone	11.200	43	1427945	139.637	ug/l	98
61) Tetrachloroethene	11.106	164	123325	27.075	ug/l	95
62) Toluene	10.635	91	2490154	84.361	ug/l	98
64) Chlorobenzene	11.894	112	1965619	117.155	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	924878	146.354	ug/l	97
66) Ethyl Benzene	11.965	91	1889881	58.879	ug/l	100
67) m/p-Xylenes	12.076	106	282567	23.433	ug/l	100
68) o-Xylene	12.400	106	1442366	117.676	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	1429276	120.867	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	1316668	132.534	ug/l	1
79) tert-butylbenzene	13.482	119	54736	2.395	ug/l	64
80) 1,2,4-Trimethylbenzene	13.482	105	434586	16.813	ug/l	95
81) sec-Butylbenzene	13.482	105	434586	13.233	ug/l	58

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 13 07:52:24 2022
Response via : Initial Calibration

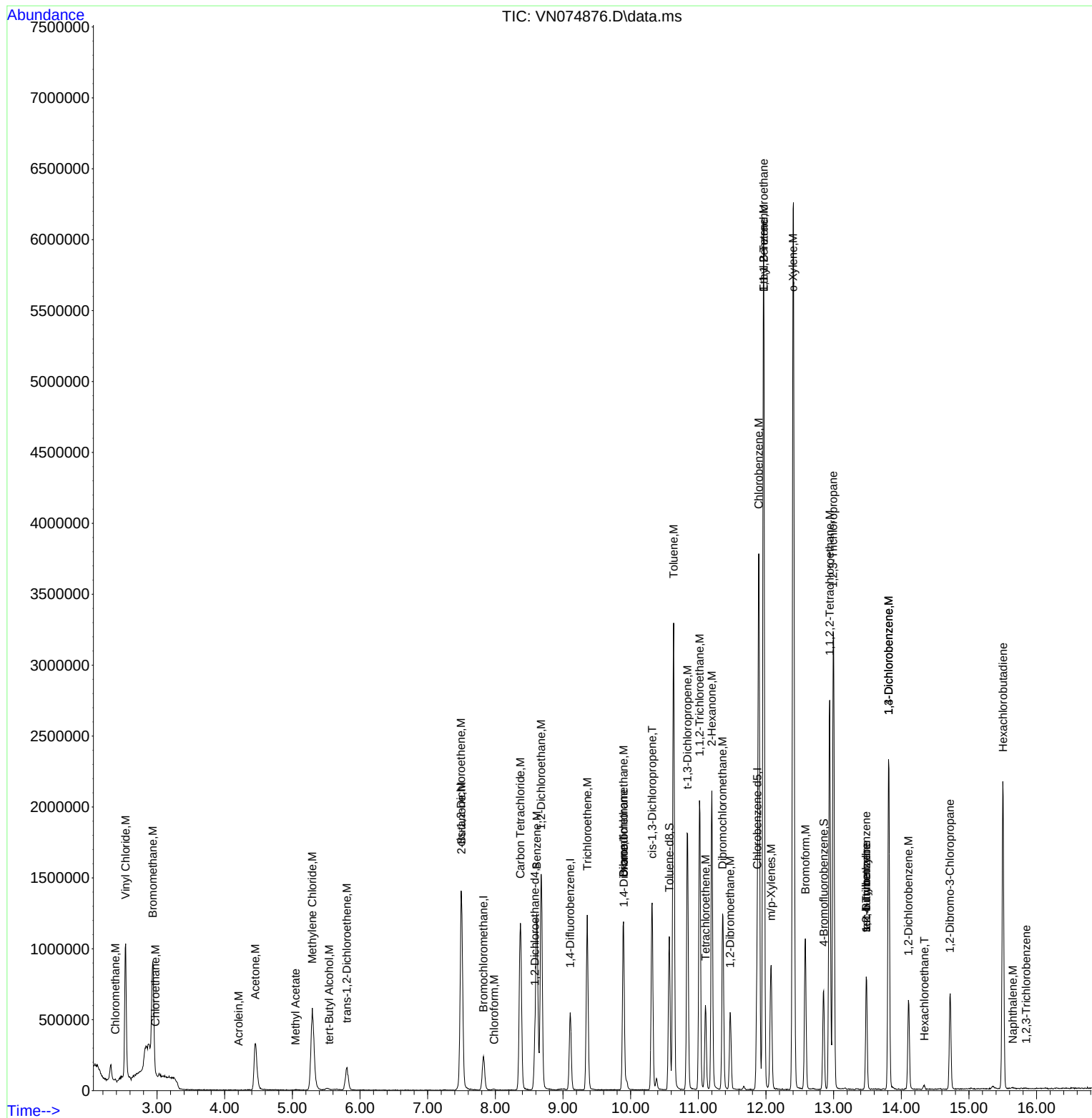
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) 1,3-Dichlorobenzene	13.812	146	931714	72.080	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	931714	75.043	ug/l	99
86) Hexachloroethane	14.341	117	6506	1.273	ug/l #	57
87) 1,2-Dichlorobenzene	14.106	146	245609	19.137	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.717	75	155873	65.311	ug/l	97
90) Hexachlorobutadiene	15.506	225	362867	126.970	ug/l	98
91) Naphthalene	15.647	128	6516	0.280	ug/l #	80
92) 1,2,3-Trichlorobenzene	15.847	180	1460	0.238	ug/l	62

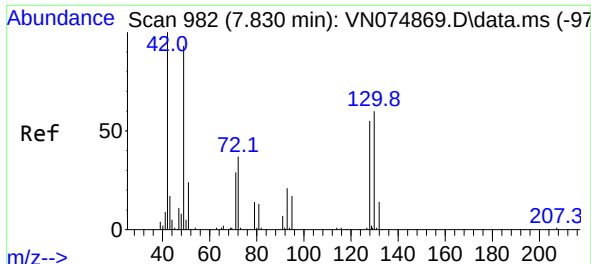
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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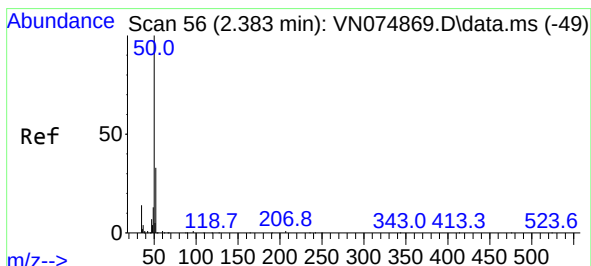
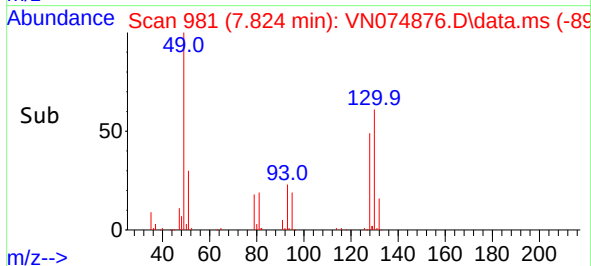
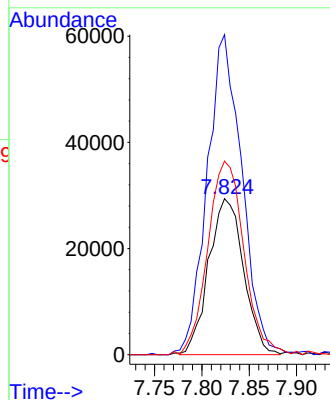
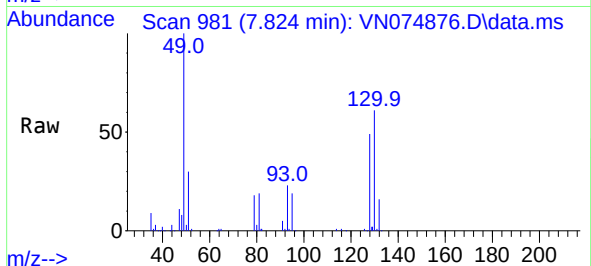




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074876.D
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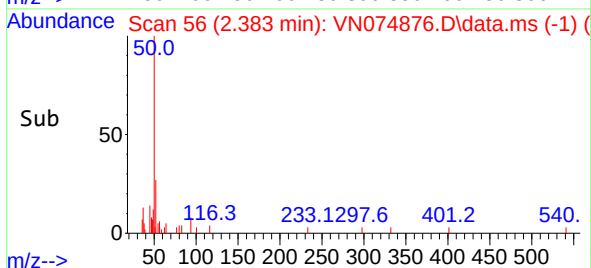
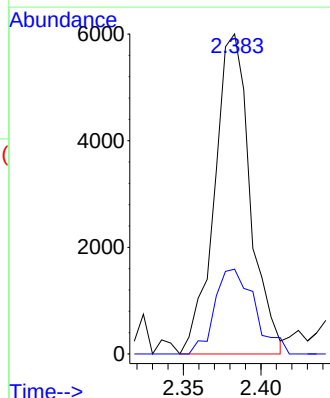
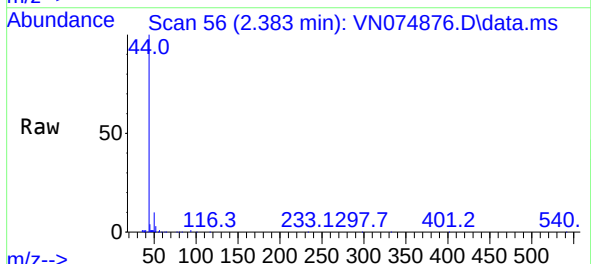
Instrument :
MSVOA_N
ClientSampleId :
WC-5

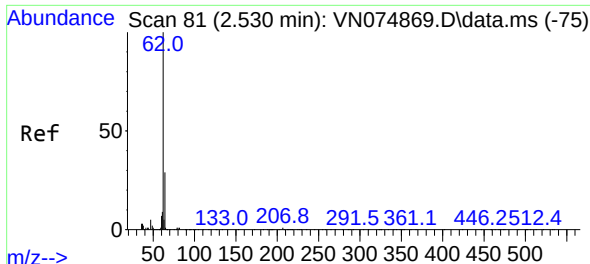
Tgt Ion:128 Resp: 75286
Ion Ratio Lower Upper
128 100
49 204.1 0.0 492.0
130 128.5 0.0 313.3



#3
Chloromethane
Concen: 1.424 ug/l
RT: 2.383 min Scan# 56
Delta R.T. -0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion: 50 Resp: 9627
Ion Ratio Lower Upper
50 100
52 26.5 25.5 38.3

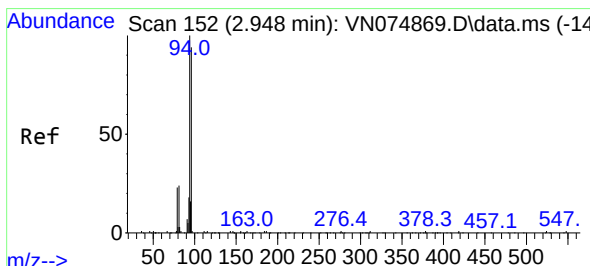
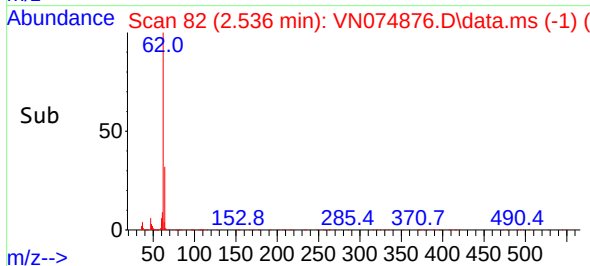
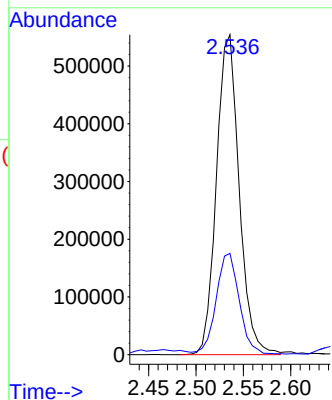
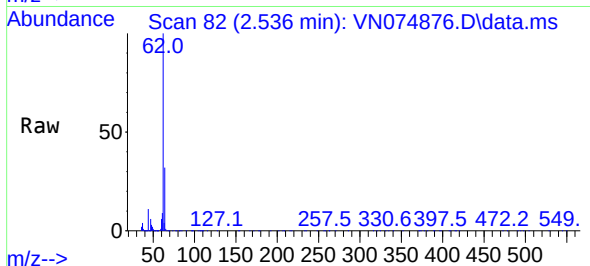




#4
 Vinyl Chloride
 Concen: 93.074 ug/l
 RT: 2.536 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VN074876.D
 Acq: 12 Oct 2022 15:03

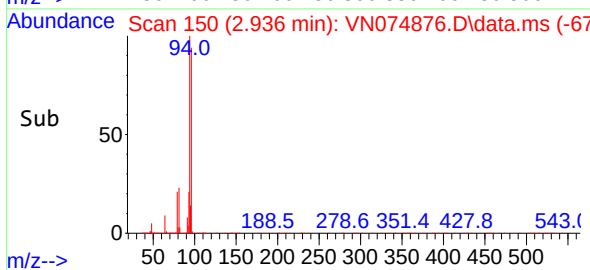
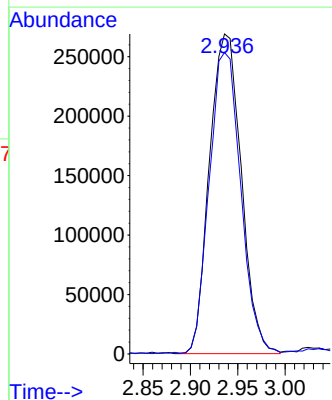
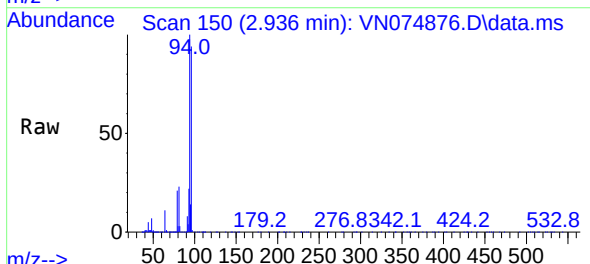
Instrument :
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 ClientSampleId :
 WC-5

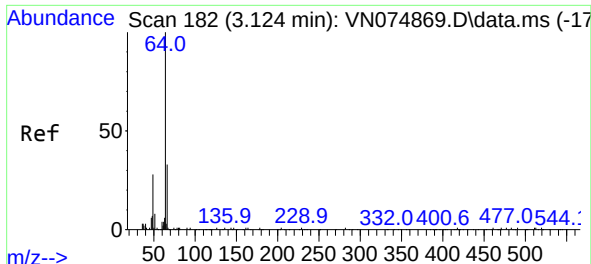
Tgt Ion: 62 Resp: 926686
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.6 38.4



#5
 Bromomethane
 Concen: 79.360 ug/l
 RT: 2.936 min Scan# 150
 Delta R.T. -0.012 min
 Lab File: VN074876.D
 Acq: 12 Oct 2022 15:03

Tgt Ion: 94 Resp: 626479
 Ion Ratio Lower Upper
 94 100
 96 94.0 68.3 102.5

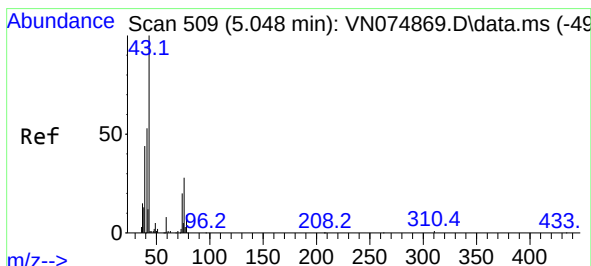
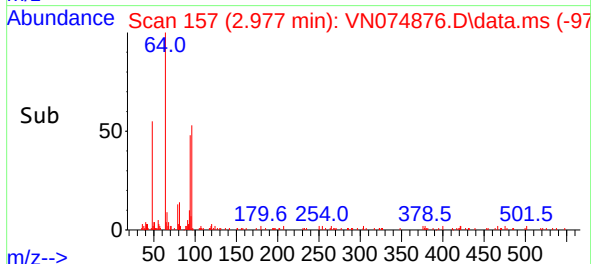
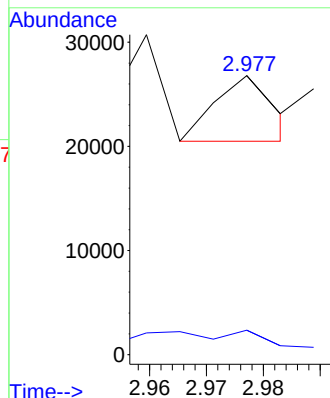
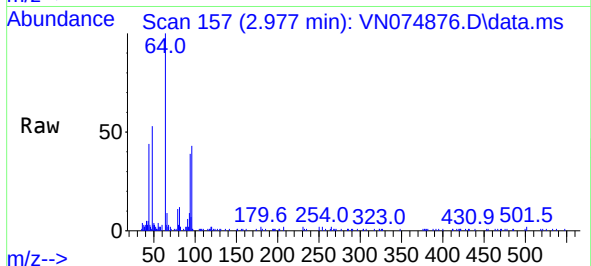




#6
Chloroethane
Concen: 0.596 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.147 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

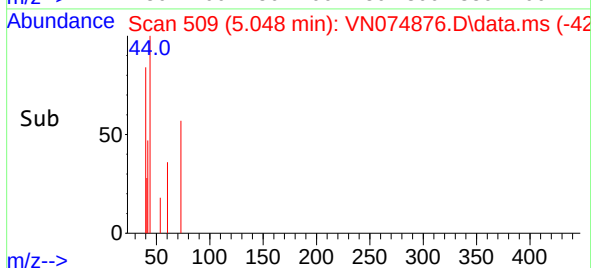
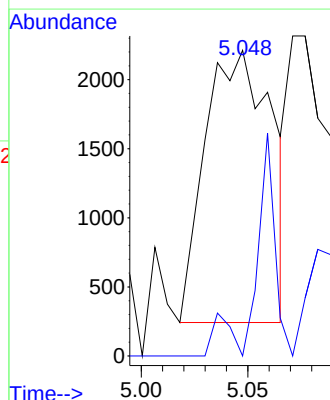
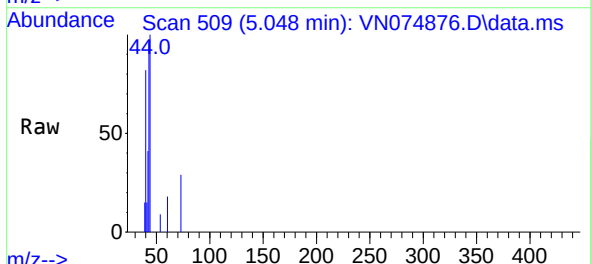
Instrument :
MSVOA_N
ClientSampleId :
WC-5

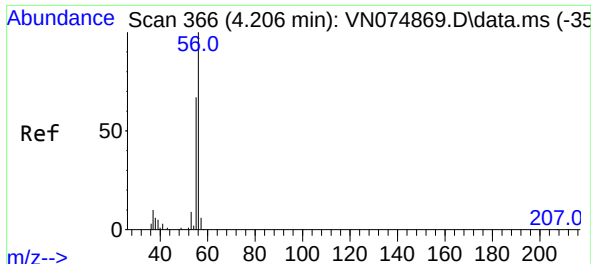
Tgt Ion: 64 Resp: 4453
Ion Ratio Lower Upper
64 100
66 23.6 21.8 32.8



#12
Methyl Acetate
Concen: 0.387 ug/l
RT: 5.048 min Scan# 509
Delta R.T. -0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion: 43 Resp: 4282
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#

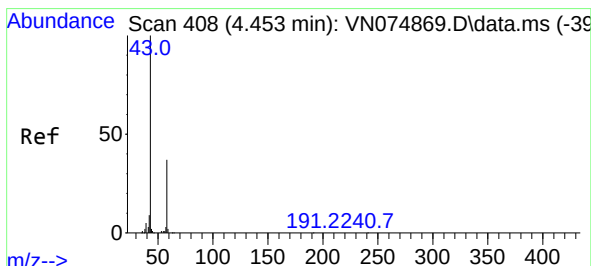
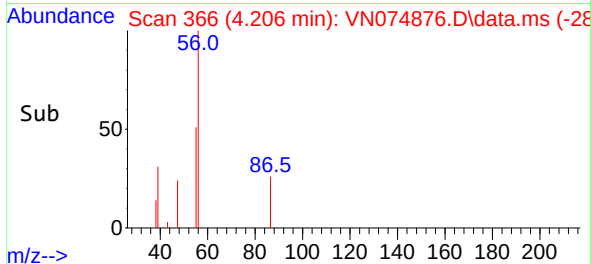
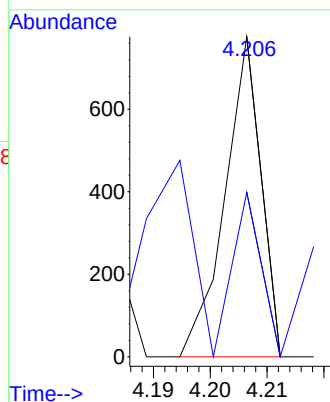
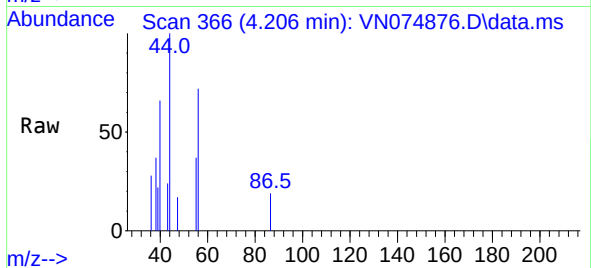




#13
Acrolein
Concen: 0.217 ug/l
RT: 4.206 min Scan# 366
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

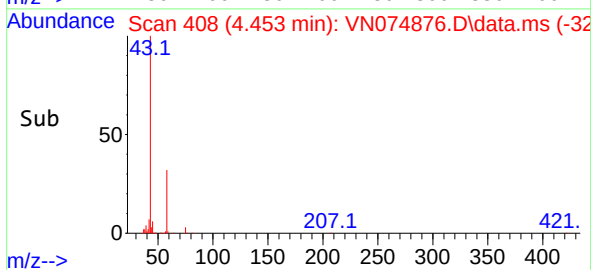
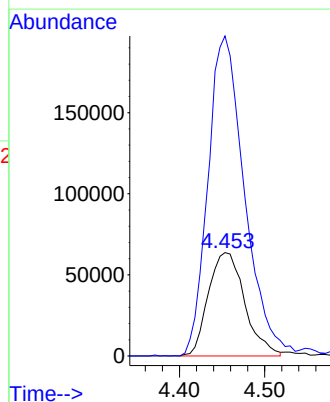
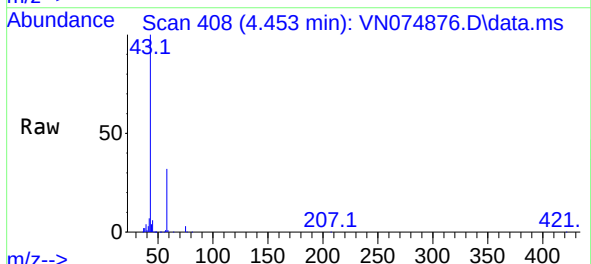
Instrument :
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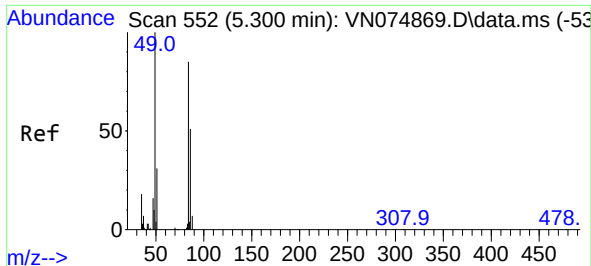
Tgt Ion: 56 Resp: 340
Ion Ratio Lower Upper
56 100
55 84.1 56.2 84.2



#15
Acetone
Concen: 167.201 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion: 58 Resp: 189273
Ion Ratio Lower Upper
58 100
43 309.8 232.2 348.4

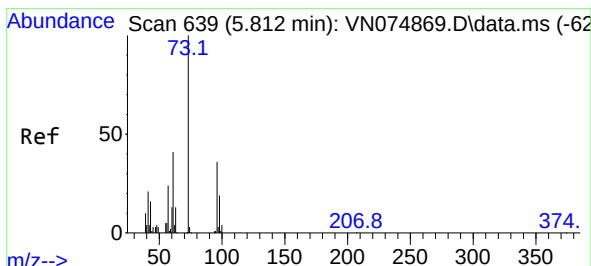
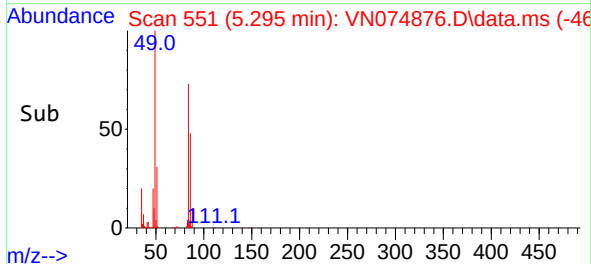
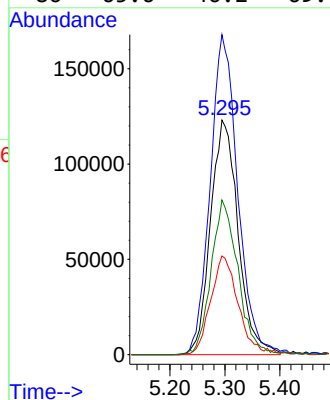
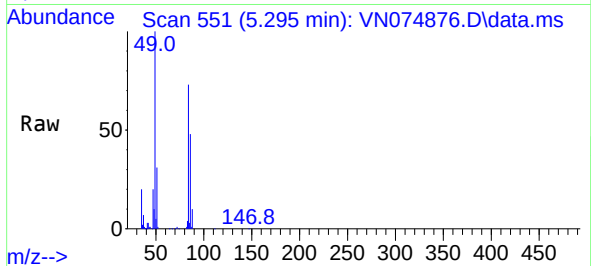




#18
Methylene Chloride
Concen: 72.233 ug/l
RT: 5.295 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

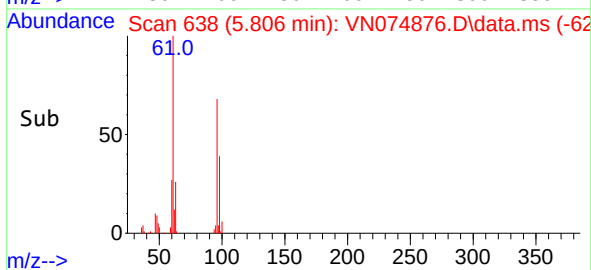
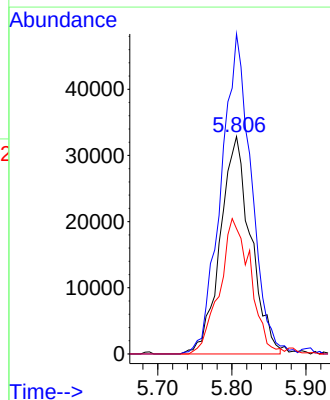
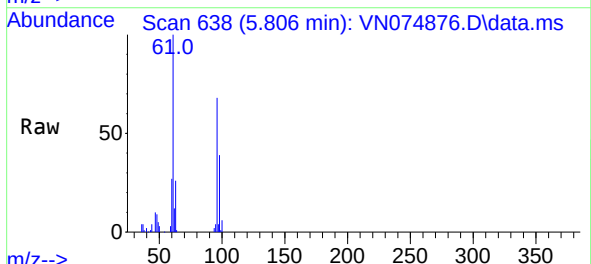
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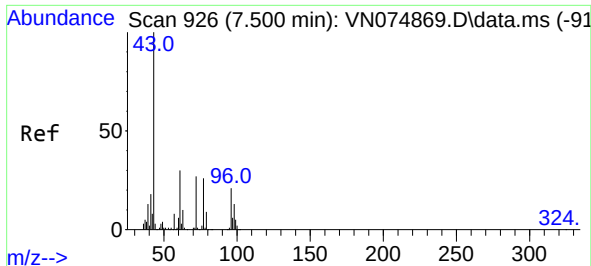
Tgt Ion: 84 Resp: 430351
Ion Ratio Lower Upper
84 100
49 136.4 99.6 149.4
51 42.1 28.2 42.2
86 65.6 46.2 69.4



#19
trans-1,2-Dichloroethene
Concen: 18.566 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion: 96 Resp: 93640
Ion Ratio Lower Upper
96 100
61 147.1 110.2 165.4
98 57.6 50.0 75.0





#22

cis-1,2-Dichloroethene

Concen: 98.206 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074876.D

Acq: 12 Oct 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

WC-5

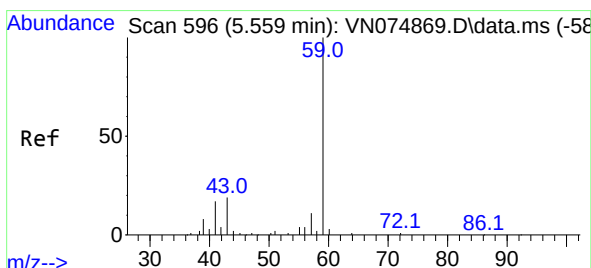
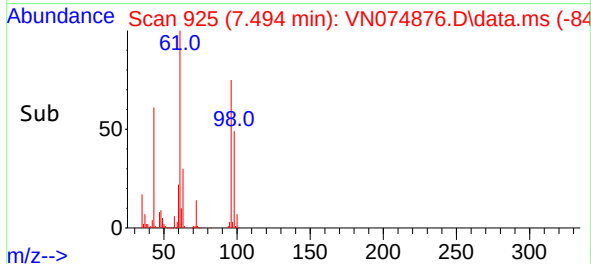
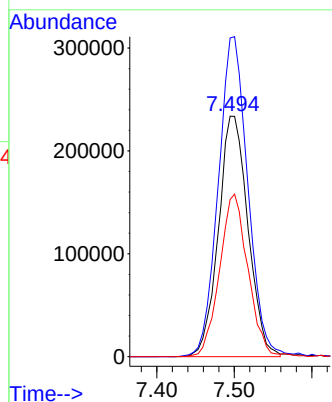
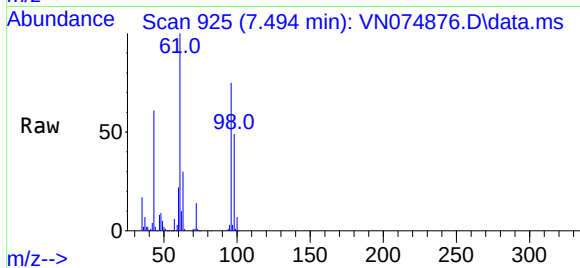
Tgt Ion: 96 Resp: 620253

Ion Ratio Lower Upper

96 100

61 132.8 118.8 178.2

98 64.6 52.1 78.1



#23

tert-Butyl Alcohol

Concen: 2.012 ug/l

RT: 5.542 min Scan# 593

Delta R.T. -0.018 min

Lab File: VN074876.D

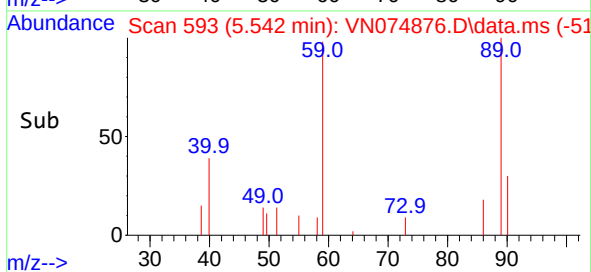
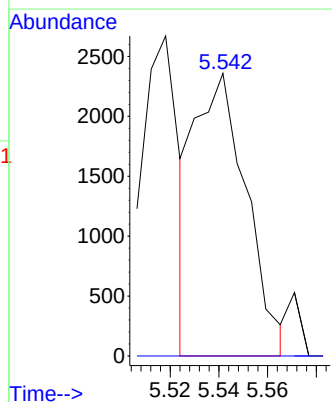
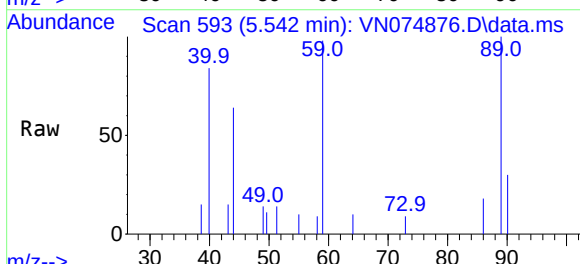
Acq: 12 Oct 2022 15:03

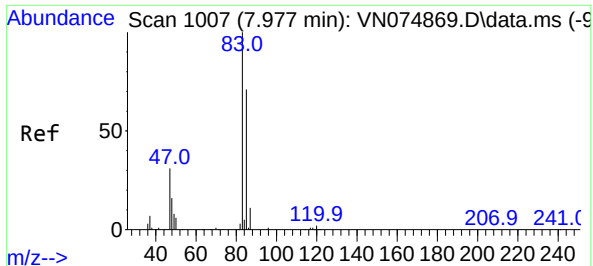
Tgt Ion: 59 Resp: 3502

Ion Ratio Lower Upper

59 100

52 0.0 0.2 0.4#





#25

Chloroform

Concen: 0.417 ug/l

RT: 7.983 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN074876.D

Acq: 12 Oct 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

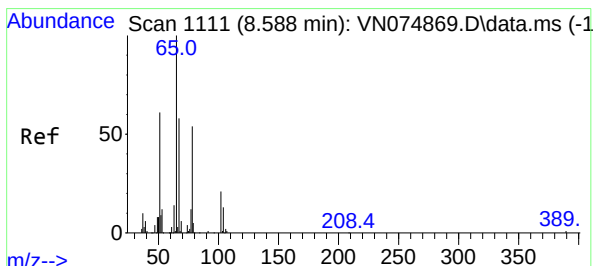
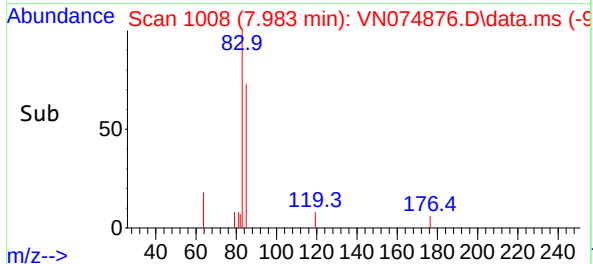
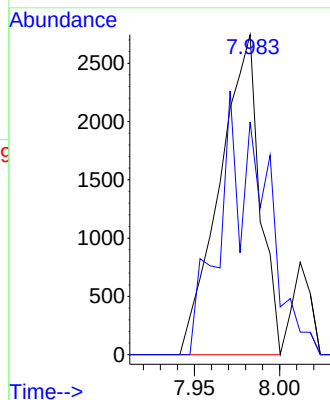
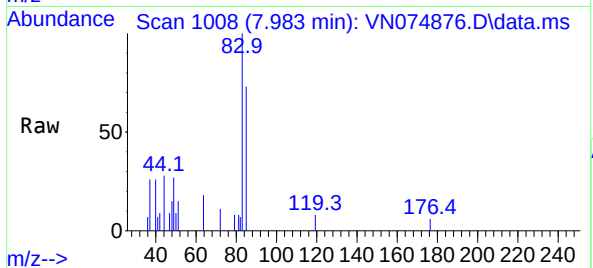
WC-5

Tgt Ion: 83 Resp: 4497

Ion Ratio Lower Upper

83 100

85 72.8 53.6 80.4



#27

1,2-Dichloroethane-d4

Concen: 30.554 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN074876.D

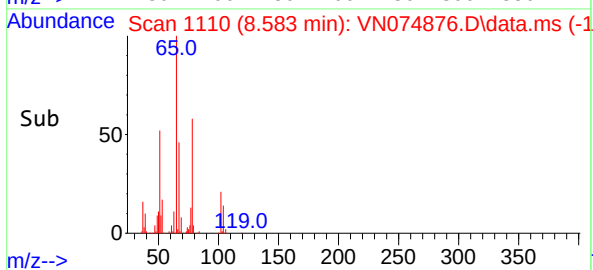
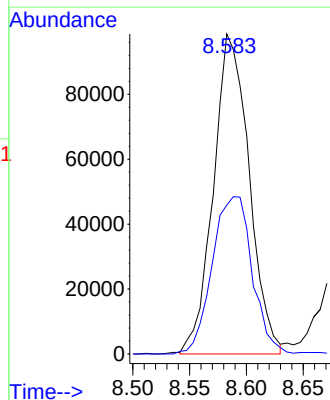
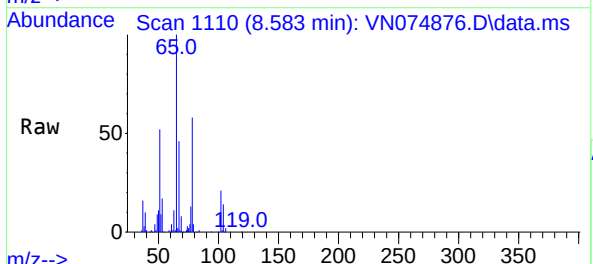
Acq: 12 Oct 2022 15:03

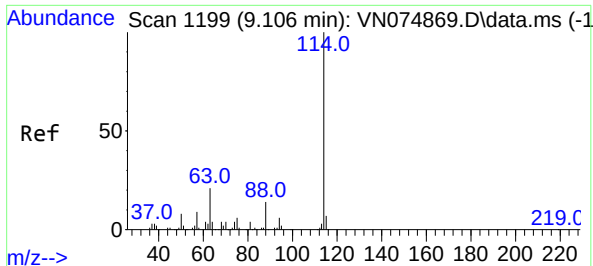
Tgt Ion: 65 Resp: 215358

Ion Ratio Lower Upper

65 100

67 55.0 45.2 67.8

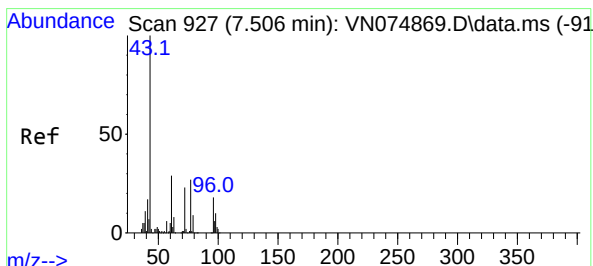
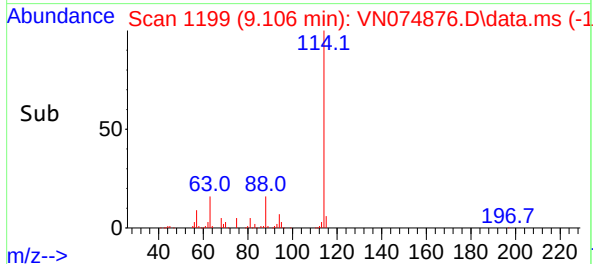
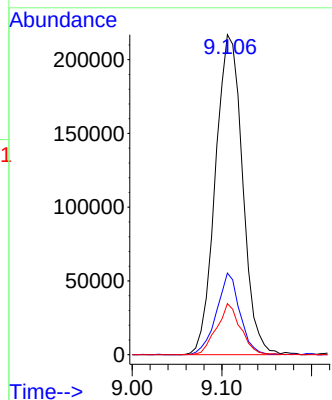
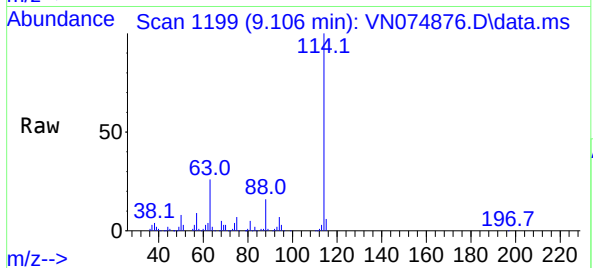




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

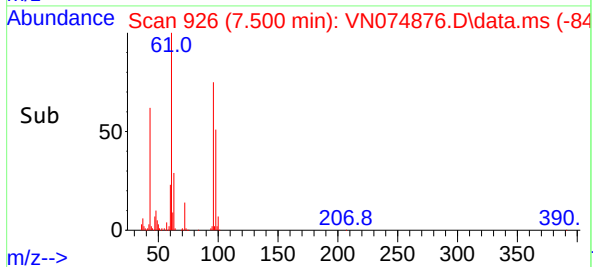
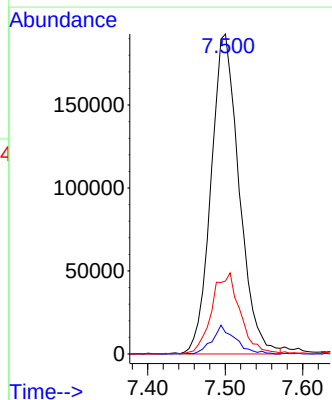
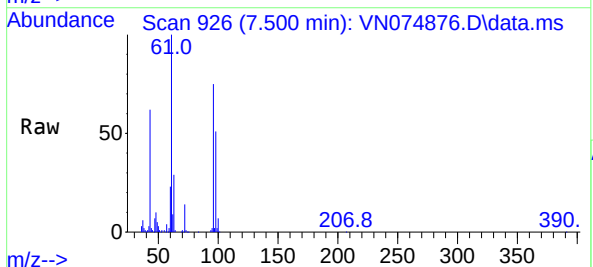
Instrument :
MSVOA_N
ClientSampleId :
WC-5

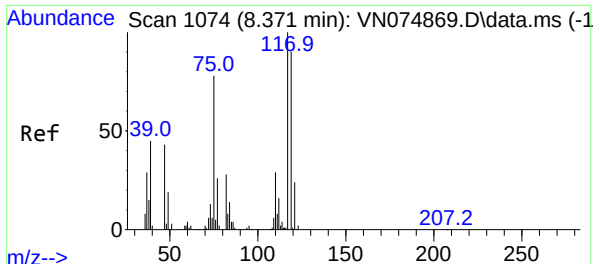
Tgt Ion:114 Resp: 455994
Ion Ratio Lower Upper
114 100
63 21.9 16.6 25.0
88 14.0 12.2 18.4



#30
2-Butanone
Concen: 74.200 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion: 43 Resp: 487100
Ion Ratio Lower Upper
43 100
57 7.0 6.3 9.5
72 14.5 21.0 31.4#

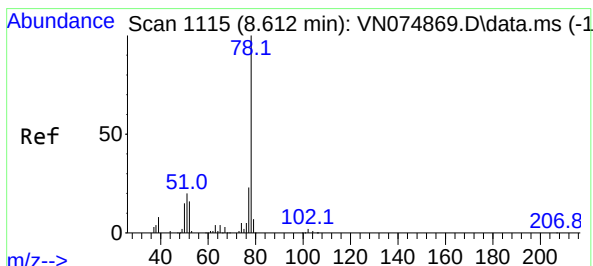
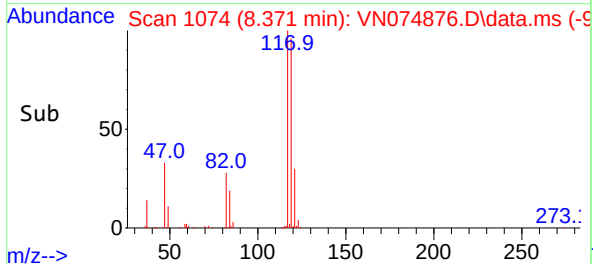
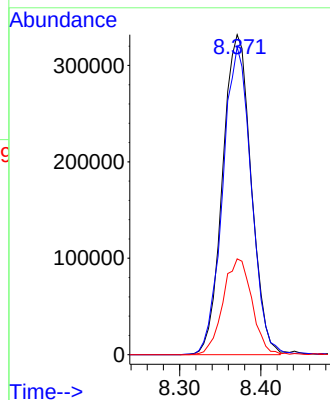
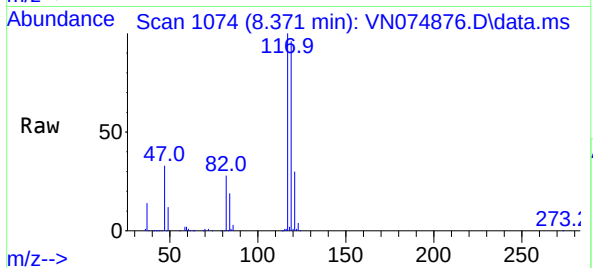




#33
Carbon Tetrachloride
Concen: 99.959 ug/l
RT: 8.371 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

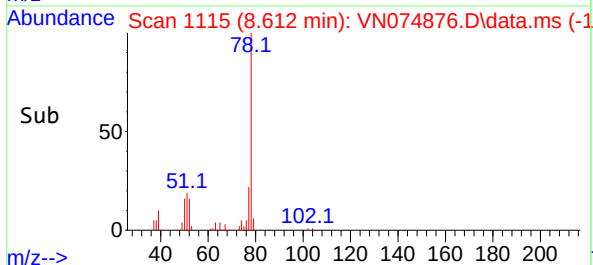
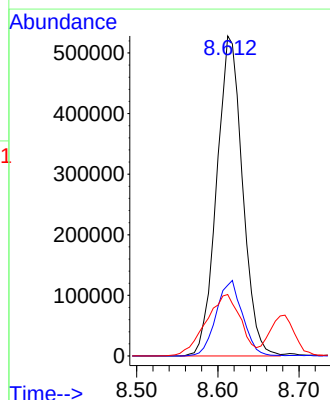
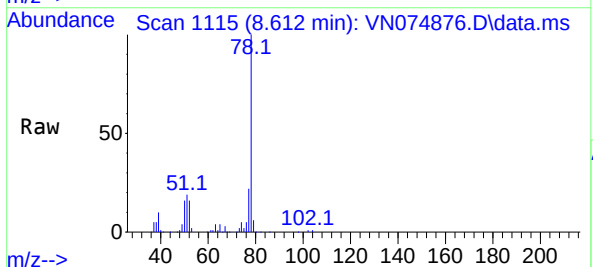
Instrument :
MSVOA_N
ClientSampleId :
WC-5

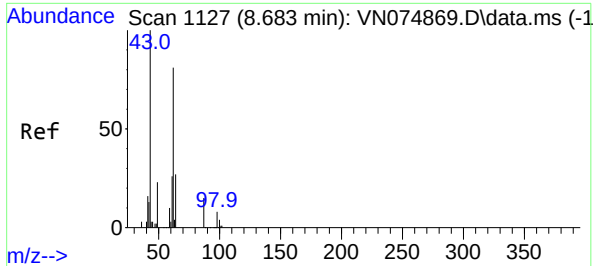
Tgt Ion:117 Resp: 809962
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.6
121 29.9 27.6 41.4



#34
Benzene
Concen: 42.951 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion: 78 Resp: 1168101
Ion Ratio Lower Upper
78 100
77 22.1 19.9 29.9
51 18.4 21.1 31.7#

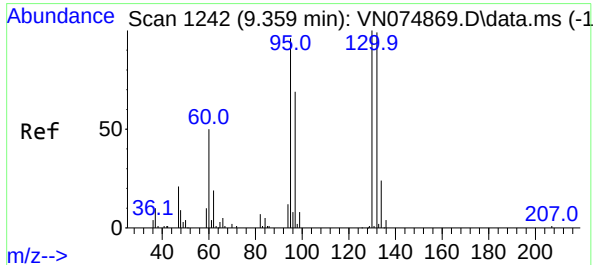
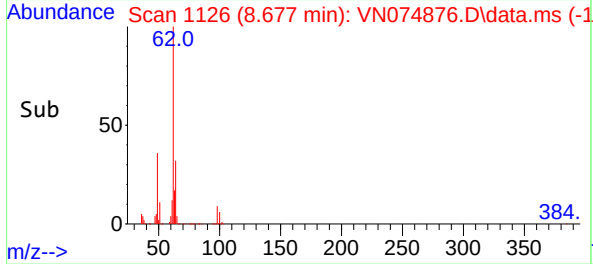
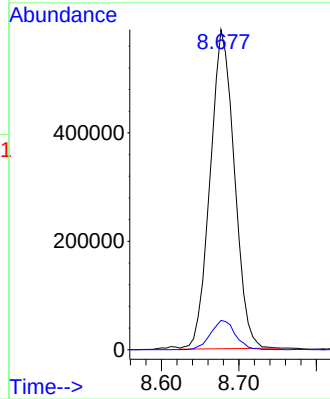
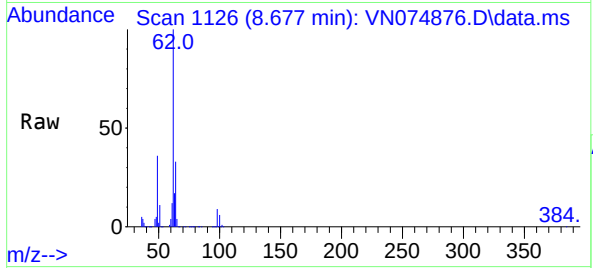




#36
1,2-Dichloroethane
Concen: 141.293 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

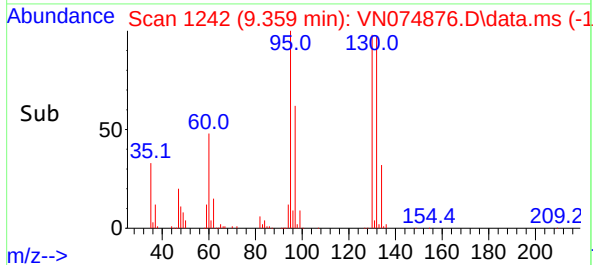
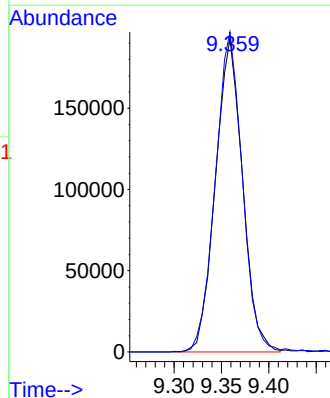
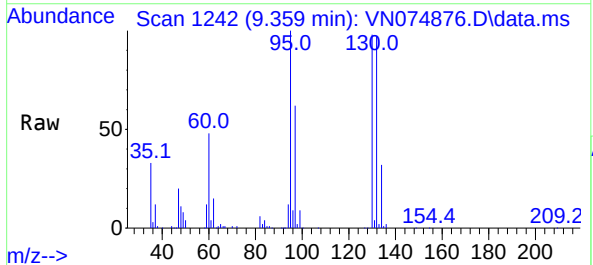
Instrument :
MSVOA_N
ClientSampleId :
WC-5

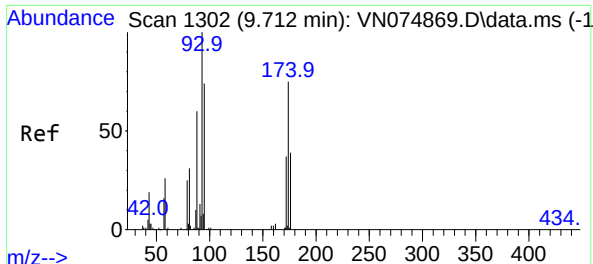
Tgt Ion: 62 Resp: 1279653
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.2



#37
Trichloroethene
Concen: 67.706 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion:130 Resp: 382947
Ion Ratio Lower Upper
130 100
95 102.0 75.9 113.9

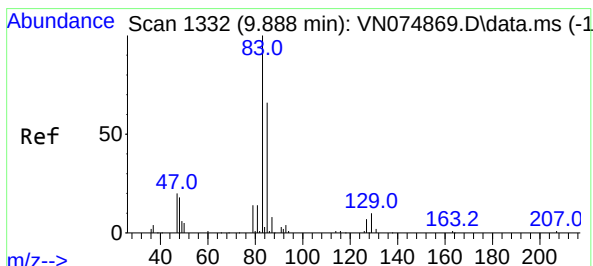
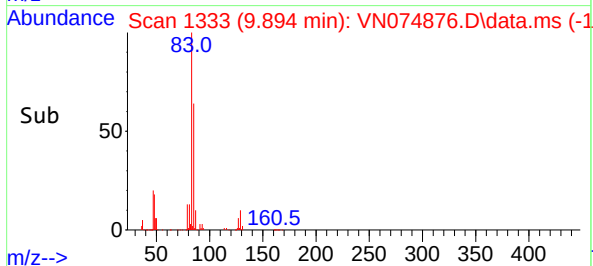
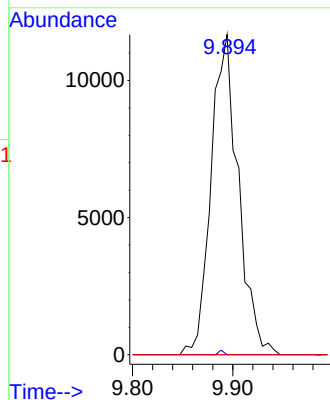
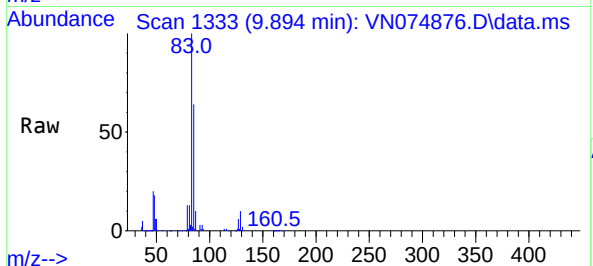




#40
Dibromomethane
Concen: 4.707 ug/l
RT: 9.894 min Scan# 1302
Delta R.T. 0.182 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

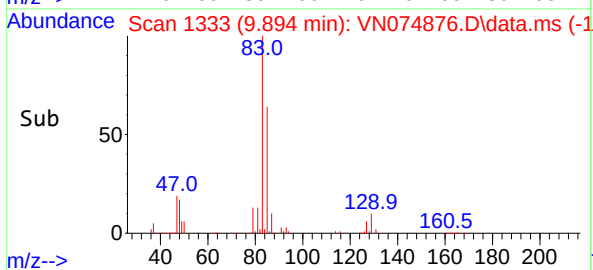
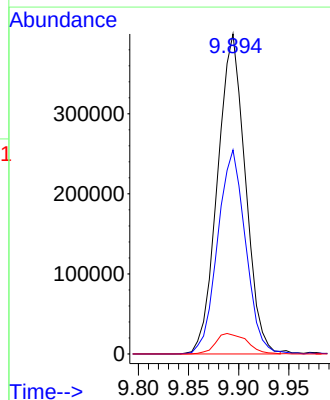
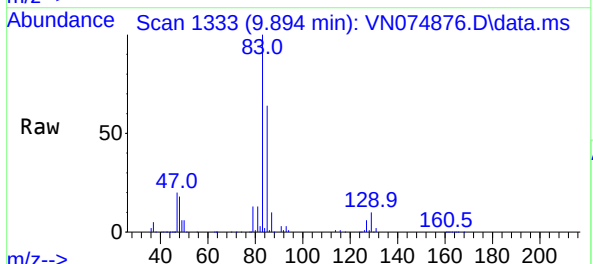
Instrument :
MSVOA_N
ClientSampleId :
WC-5

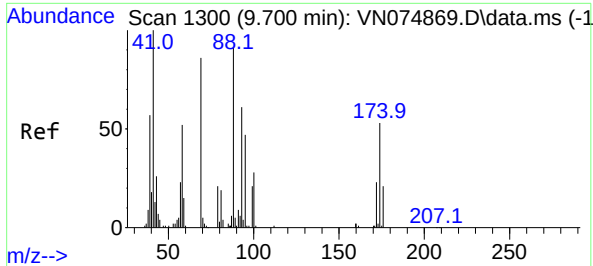
Tgt Ion:	93	Resp:	21993
Ion	Ratio	Lower	Upper
93	100		
95	2.7	0.0	168.0
174	0.0	0.0	158.4



#41
Bromodichloromethane
Concen: 84.472 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion:	83	Resp:	768580
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.2	75.4
127	5.9	5.1	7.7

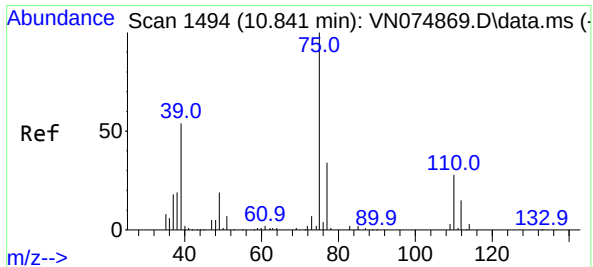
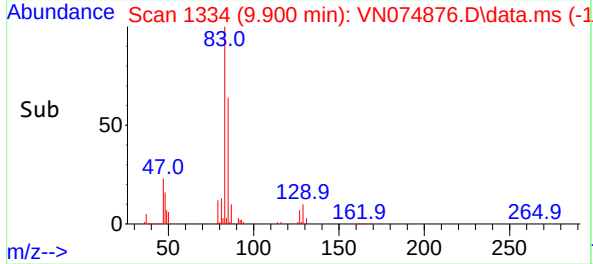
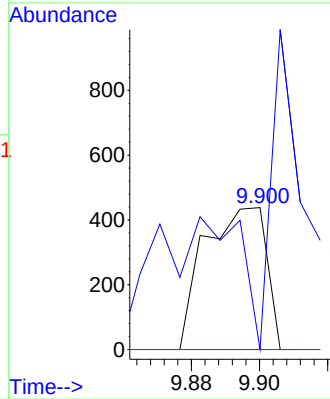
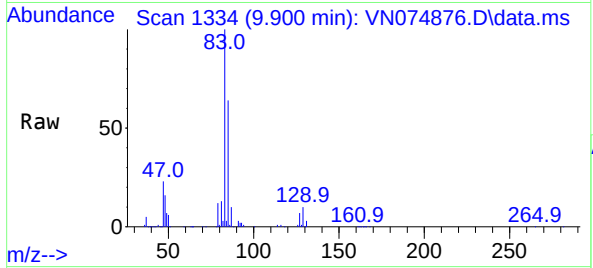




#45
1,4-Dioxane
Concen: 3.050 ug/l
RT: 9.900 min Scan# 11
Delta R.T. 0.200 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

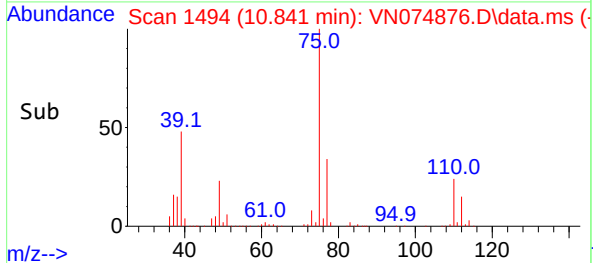
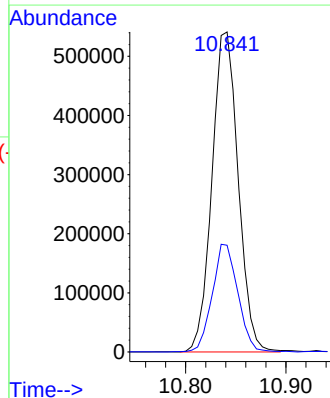
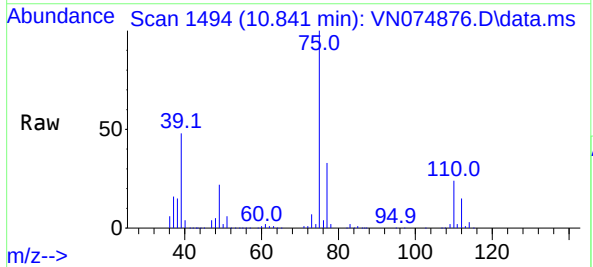
Instrument :
MSVOA_N
ClientSampleId :
WC-5

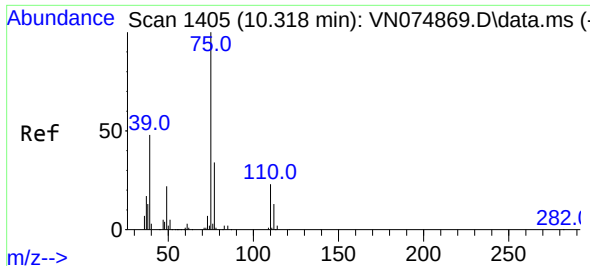
Tgt Ion: 88 Resp: 552
Ion Ratio Lower Upper
88 100
43 125.5 25.7 38.5#
58 0.0 53.4 80.2#



#48
t-1,3-Dichloropropene
Concen: 94.314 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion: 75 Resp: 984543
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.8



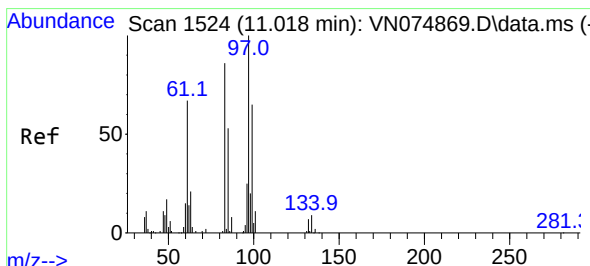
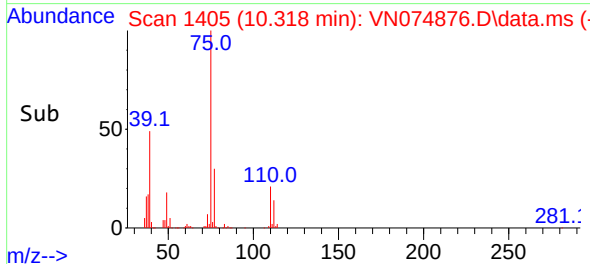
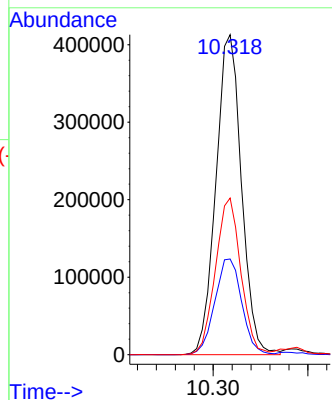
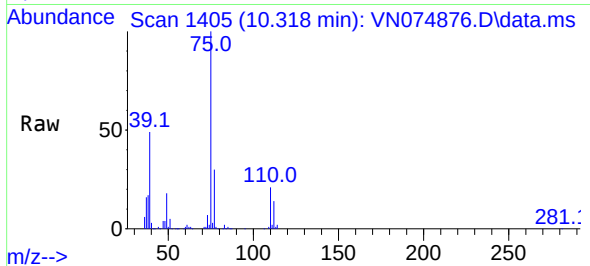


#49
 cis-1,3-Dichloropropene
 Concen: 69.996 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: VN074876.D
 Acq: 12 Oct 2022 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-5

Tgt Ion: 75 Resp: 774833

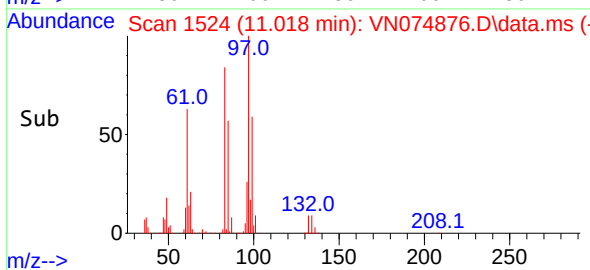
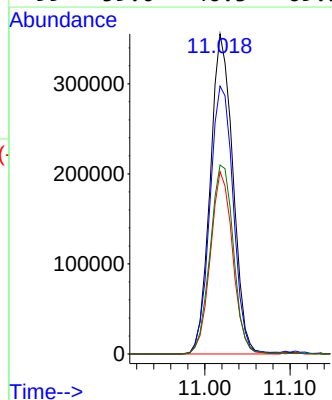
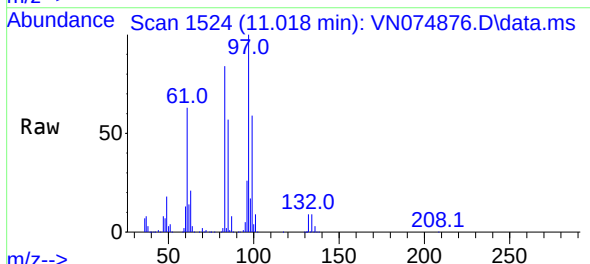
Ion	Ratio	Lower	Upper
75	100		
77	29.9	22.5	33.7
39	48.9	37.6	56.4

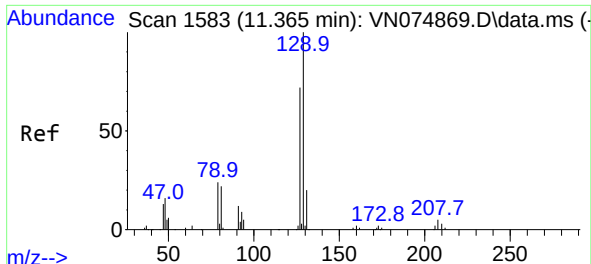


#50
 1,1,2-Trichloroethane
 Concen: 95.491 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VN074876.D
 Acq: 12 Oct 2022 15:03

Tgt Ion: 97 Resp: 656501

Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.2	103.8
85	57.0	41.4	62.2
99	59.0	46.3	69.5

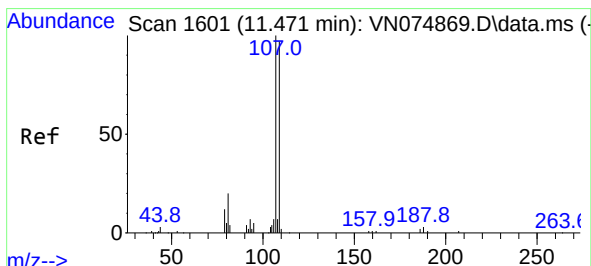
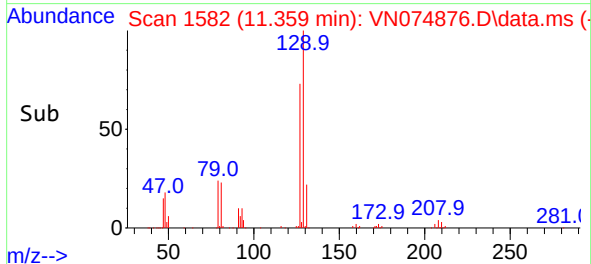
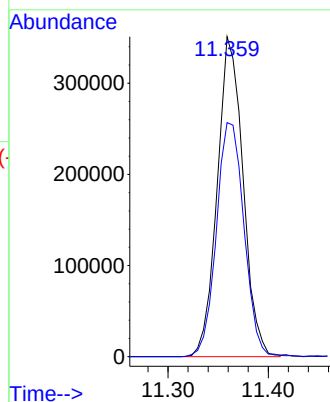
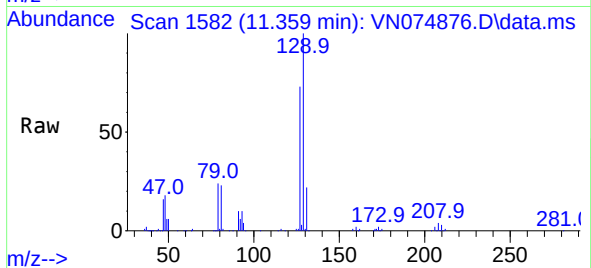




#53
Dibromochloromethane
Concen: 93.146 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

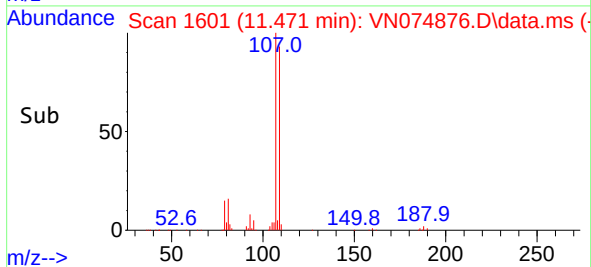
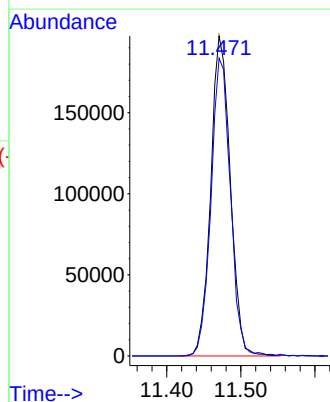
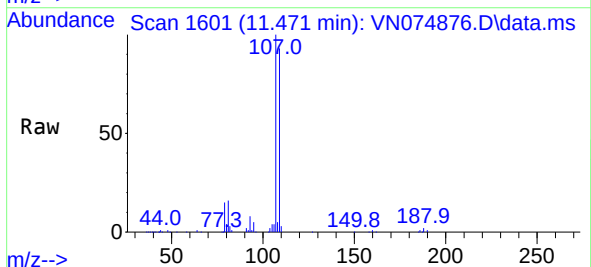
Instrument :
MSVOA_N
ClientSampleId :
WC-5

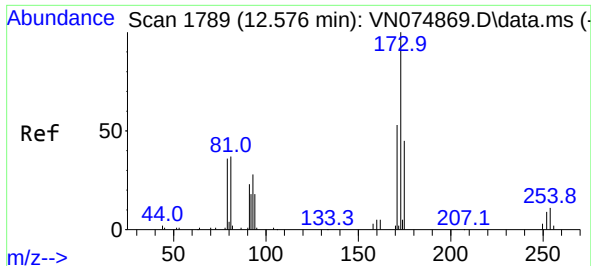
Tgt Ion:129 Resp: 627407
Ion Ratio Lower Upper
129 100
127 78.3 40.6 121.7



#54
1,2-Dibromoethane
Concen: 54.811 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion:107 Resp: 362048
Ion Ratio Lower Upper
107 100
109 91.7 76.2 114.2

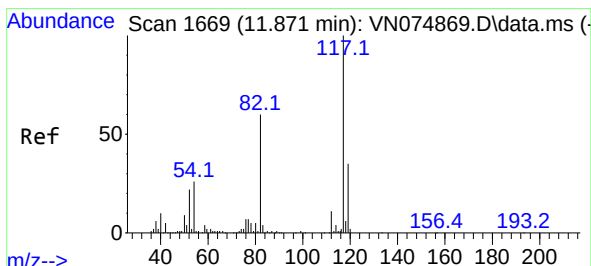
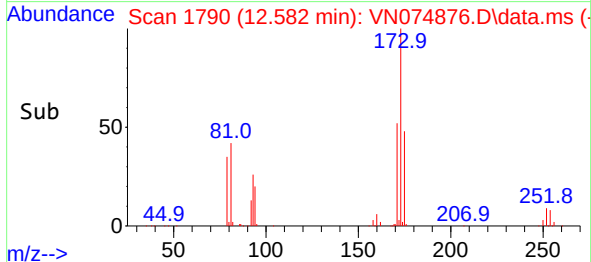
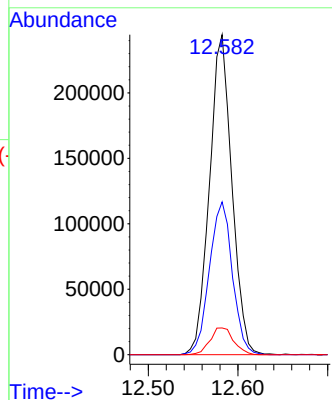
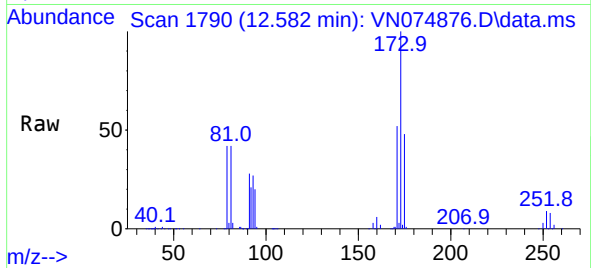




#56
Bromoform
Concen: 87.322 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

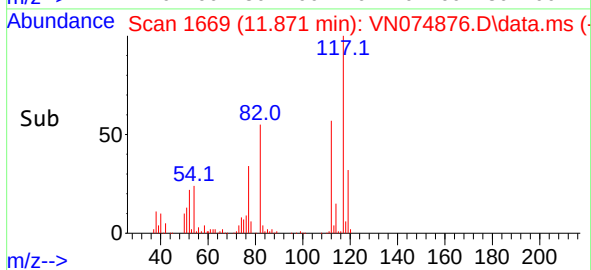
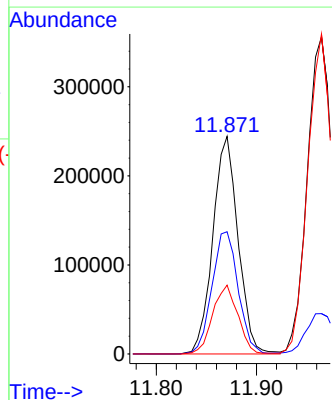
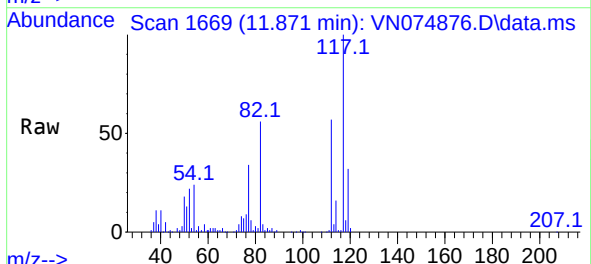
Instrument :
MSVOA_N
ClientSampleId :
WC-5

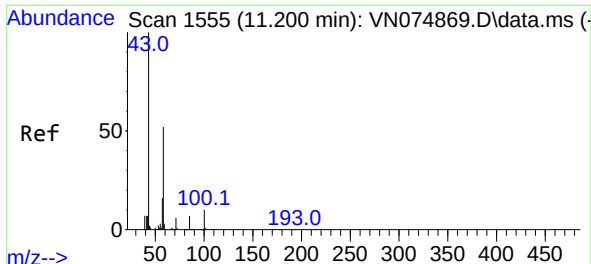
Tgt Ion:173 Resp: 423845
Ion Ratio Lower Upper
173 100
175 49.0 39.1 58.7
254 8.8 7.0 10.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion:117 Resp: 427250
Ion Ratio Lower Upper
117 100
82 58.3 44.6 67.0
119 31.6 25.6 38.4





#59

2-Hexanone

Concen: 139.637 ug/l

RT: 11.200 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074876.D

Acq: 12 Oct 2022 15:03

Instrument :

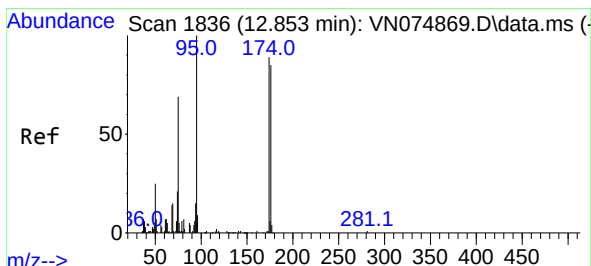
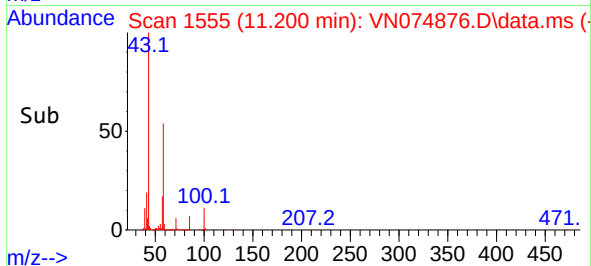
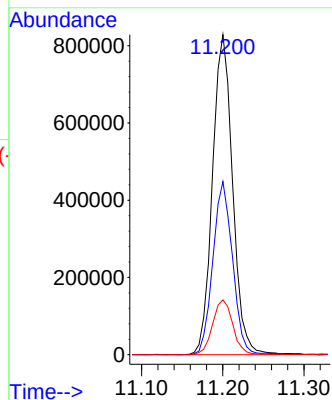
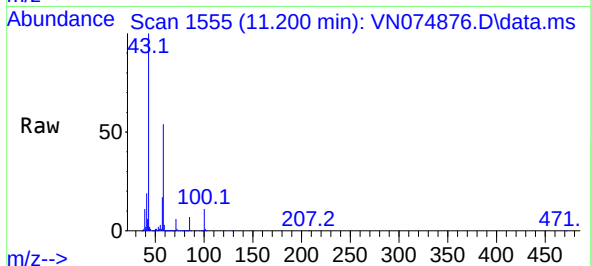
MSVOA_N

ClientSampleId :

WC-5

Tgt Ion: 43 Resp: 1427945

Ion	Ratio	Lower	Upper
43	100		
58	52.5	43.6	65.4
57	17.3	14.3	21.5



#60

4-Bromofluorobenzene

Concen: 29.004 ug/l

RT: 12.853 min Scan# 1836

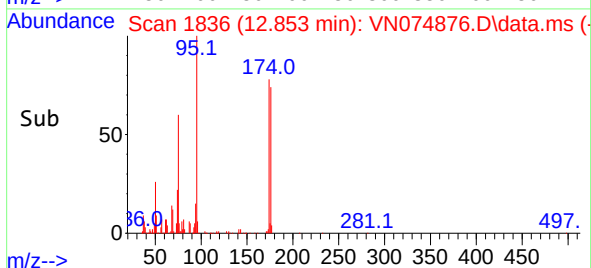
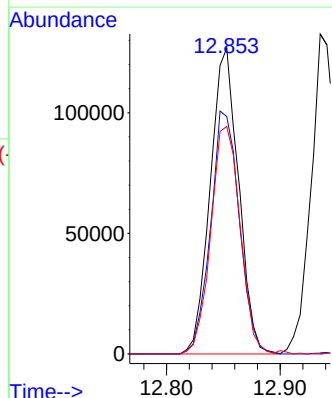
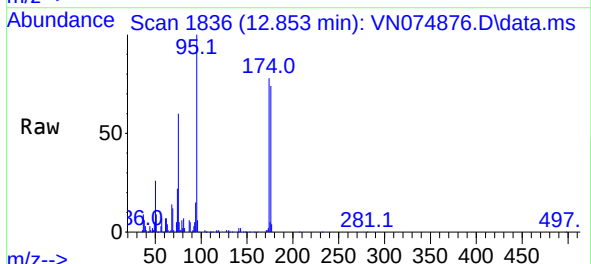
Delta R.T. 0.000 min

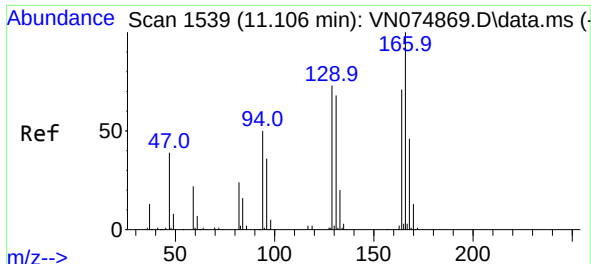
Lab File: VN074876.D

Acq: 12 Oct 2022 15:03

Tgt Ion: 95 Resp: 219755

Ion	Ratio	Lower	Upper
95	100		
174	80.4	57.8	86.8
176	76.7	57.0	85.4

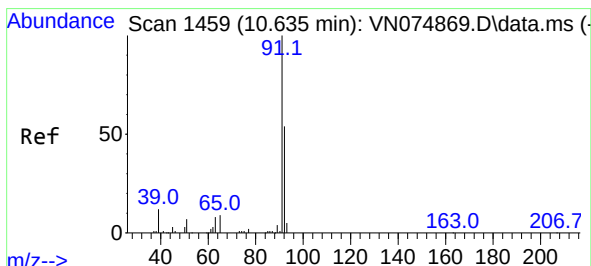
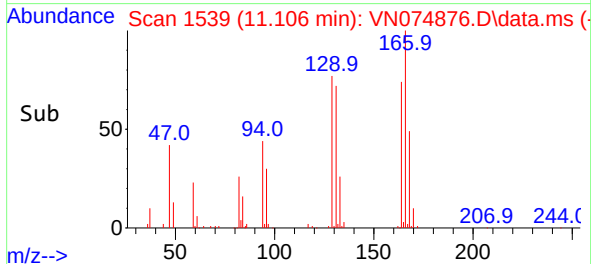
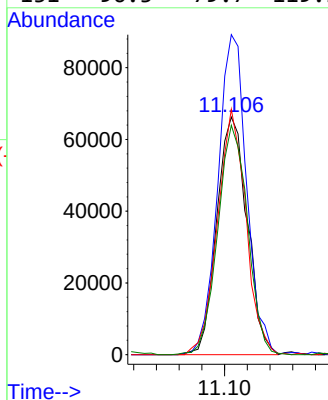
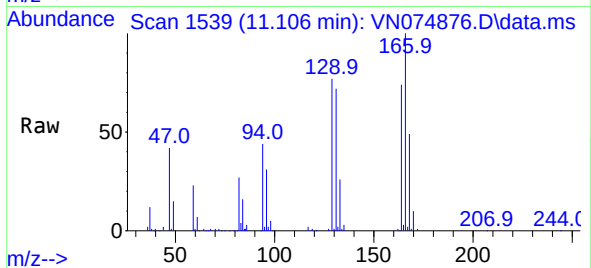




#61
Tetrachloroethene
Concen: 27.075 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

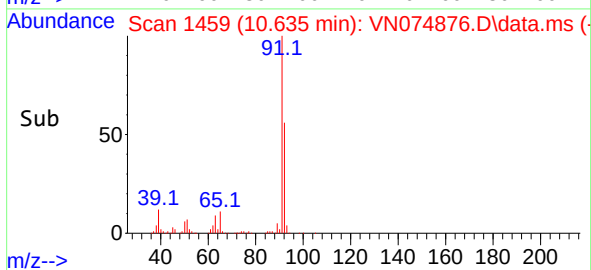
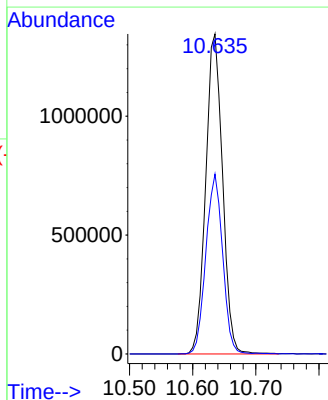
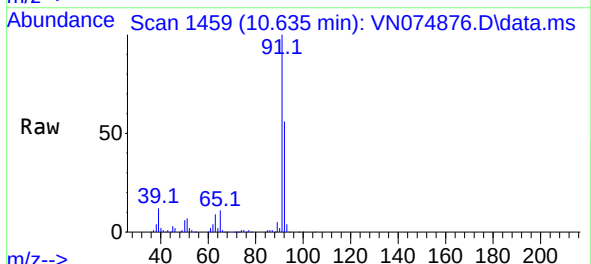
Instrument :
MSVOA_N
ClientSampleId :
WC-5

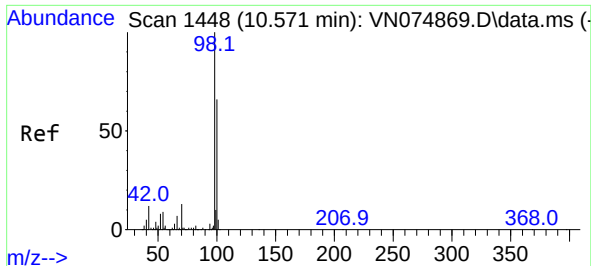
Tgt Ion:164 Resp: 123325
Ion Ratio Lower Upper
164 100
166 134.7 99.6 149.4
129 103.3 84.0 126.0
131 96.3 79.7 119.5



#62
Toluene
Concen: 84.361 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion: 91 Resp: 2490154
Ion Ratio Lower Upper
91 100
92 56.0 46.0 69.0

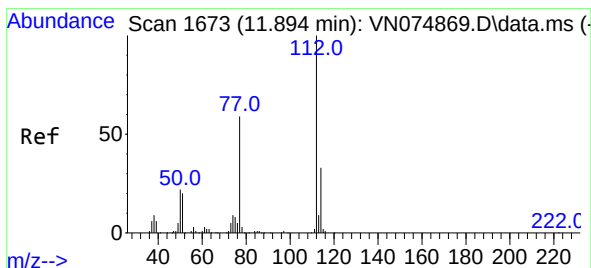
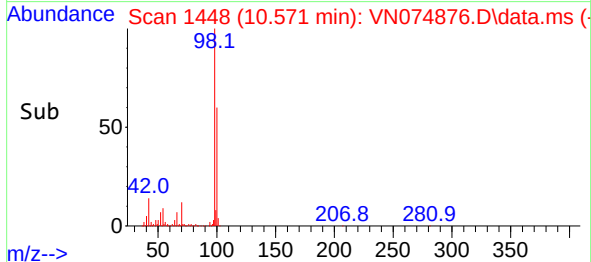
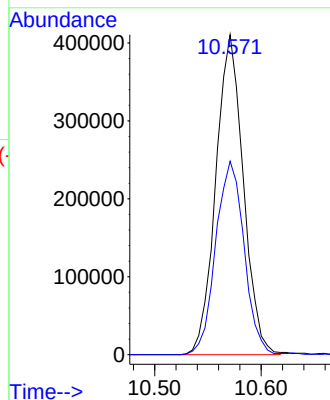
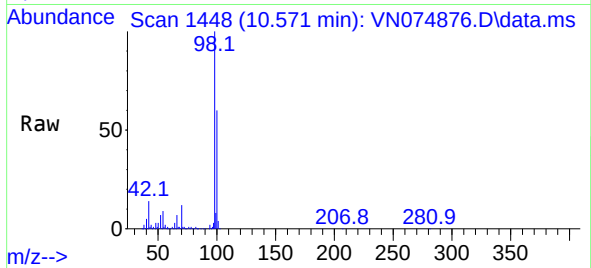




#63
Toluene-d8
Concen: 29.901 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

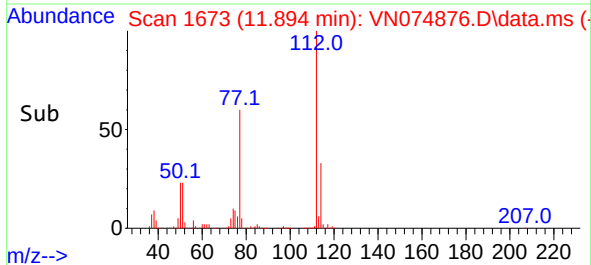
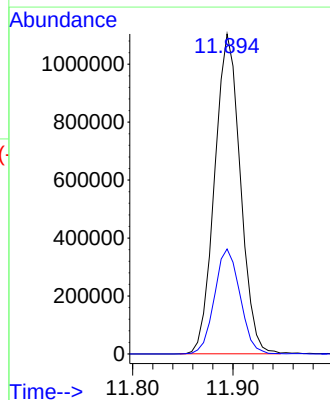
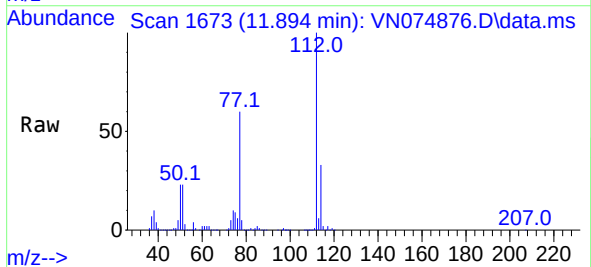
Instrument :
MSVOA_N
ClientSampleId :
WC-5

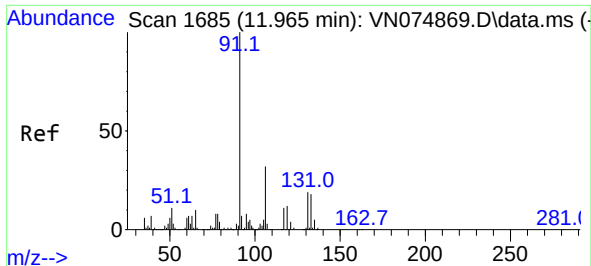
Tgt Ion: 98 Resp: 737310
Ion Ratio Lower Upper
98 100
100 62.2 52.7 79.1



#64
Chlorobenzene
Concen: 117.155 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion: 112 Resp: 1965619
Ion Ratio Lower Upper
112 100
114 32.8 24.7 37.1

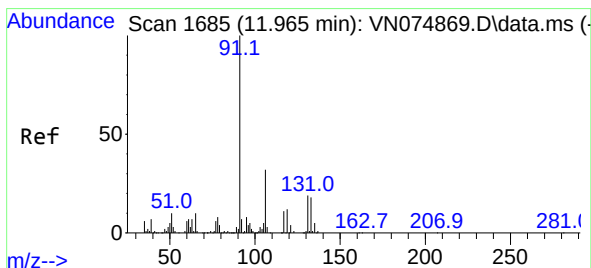
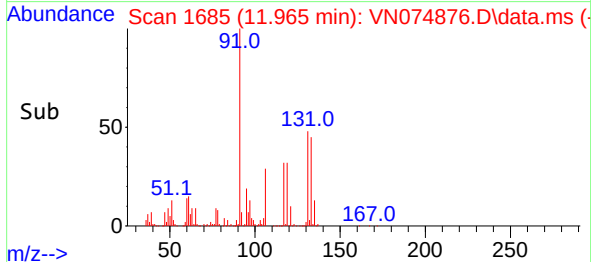
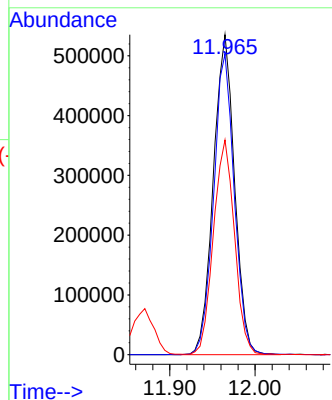
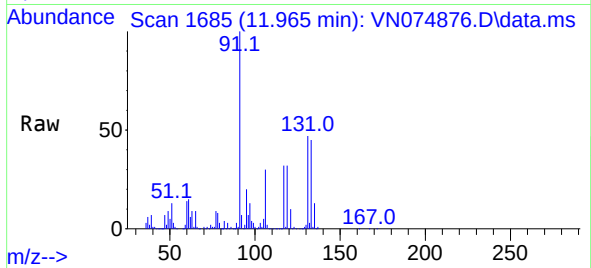




#65
1,1,1,2-Tetrachloroethane
Concen: 146.354 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

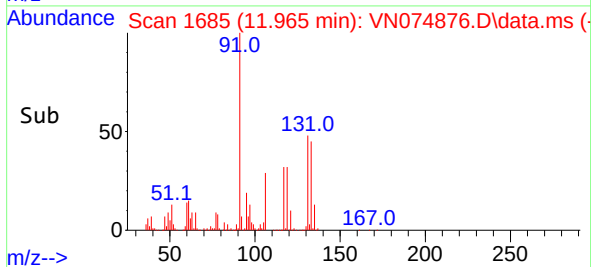
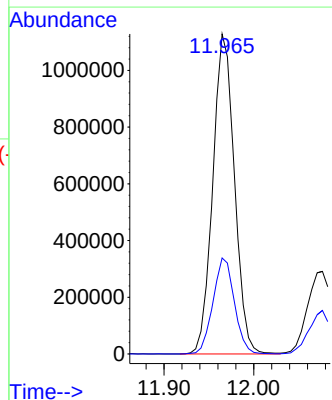
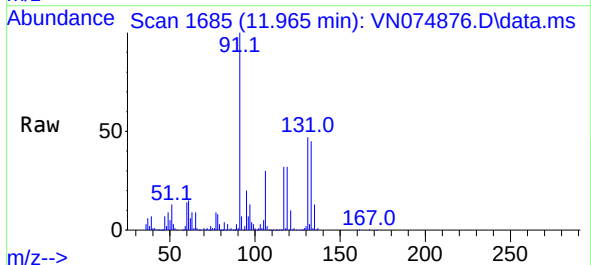
Instrument :
MSVOA_N
ClientSampleId :
WC-5

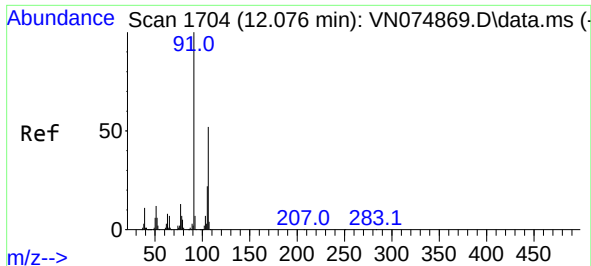
Tgt Ion:131 Resp: 924878
Ion Ratio Lower Upper
131 100
133 91.6 0.0 191.8
119 66.7 0.0 135.8



#66
Ethyl Benzene
Concen: 58.879 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion: 91 Resp: 1889881
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1

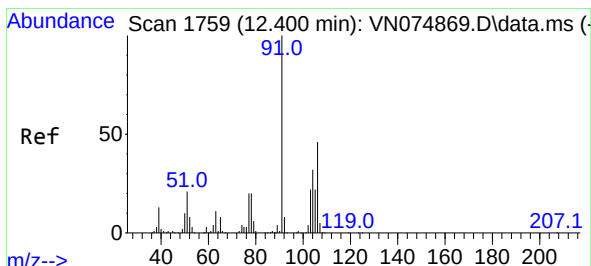
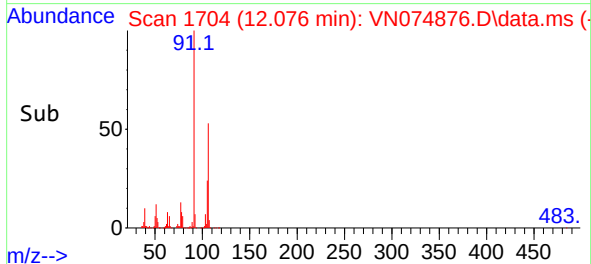
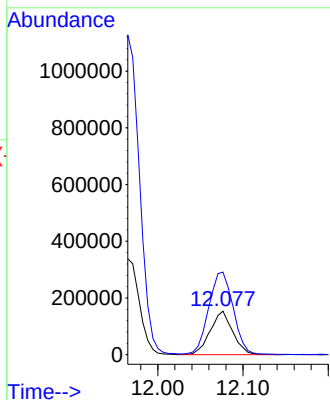
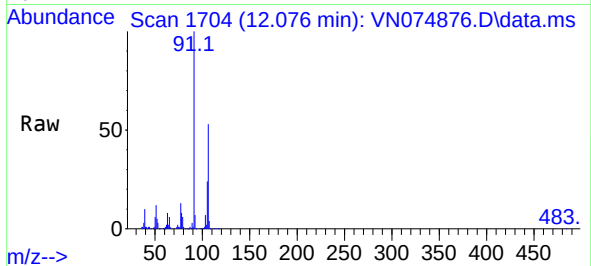




#67
m/p-Xylenes
Concen: 23.433 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

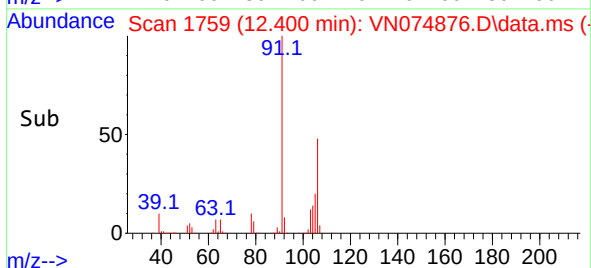
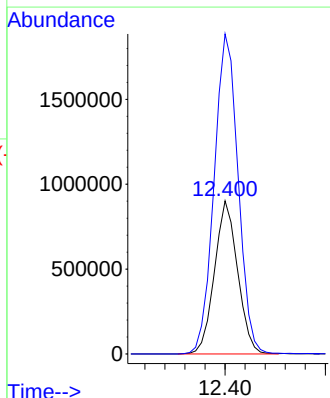
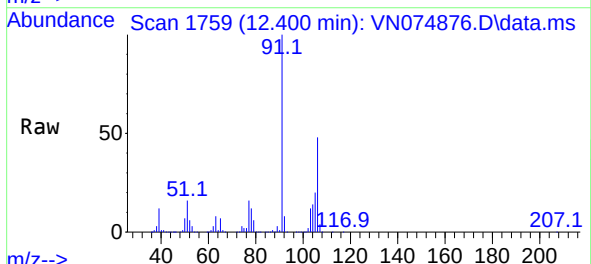
Instrument :
MSVOA_N
ClientSampleId :
WC-5

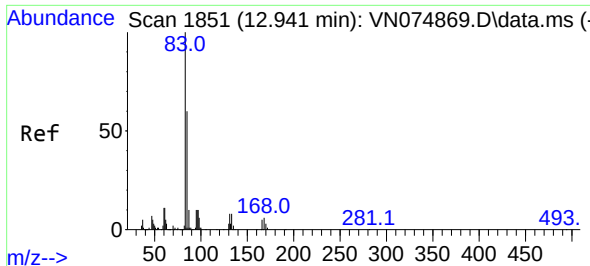
Tgt Ion:106 Resp: 282567
Ion Ratio Lower Upper
106 100
91 205.8 164.2 246.4



#68
o-Xylene
Concen: 117.676 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion:106 Resp: 1442366
Ion Ratio Lower Upper
106 100
91 217.1 108.5 325.5

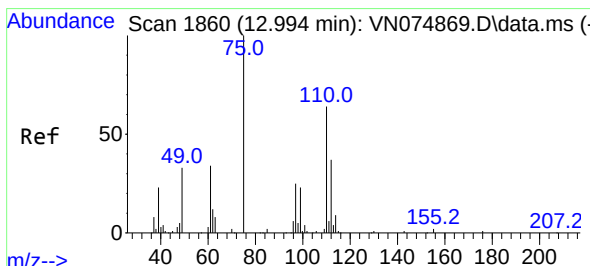
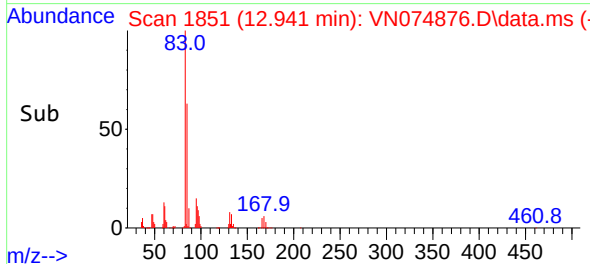
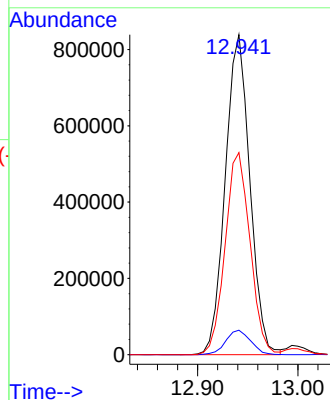
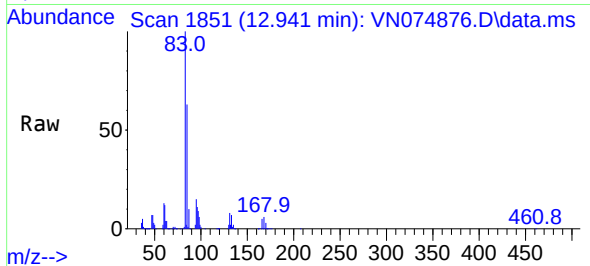




#71
1,1,2,2-Tetrachloroethane
Concen: 120.867 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

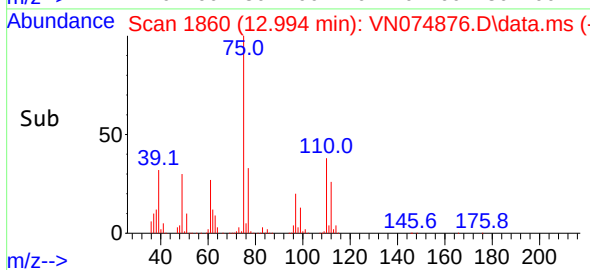
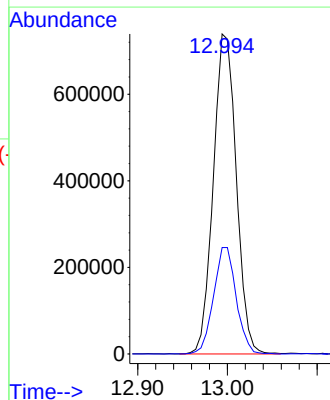
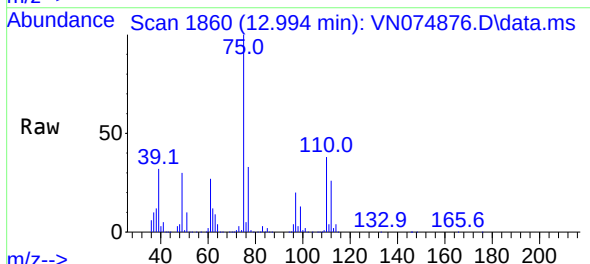
Instrument :
MSVOA_N
ClientSampleId :
WC-5

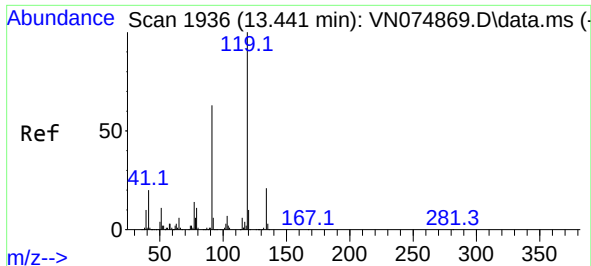
Tgt Ion: 83 Resp: 1429276
Ion Ratio Lower Upper
83 100
131 7.8 4.5 13.5
85 64.0 30.9 92.7



#72
1,2,3-Trichloropropane
Concen: 132.534 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion: 75 Resp: 1316668
Ion Ratio Lower Upper
75 100
77 32.8 0.0 372.4





#79

tert-butylbenzene

Concen: 2.395 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.041 min

Lab File: VN074876.D

Acq: 12 Oct 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

WC-5

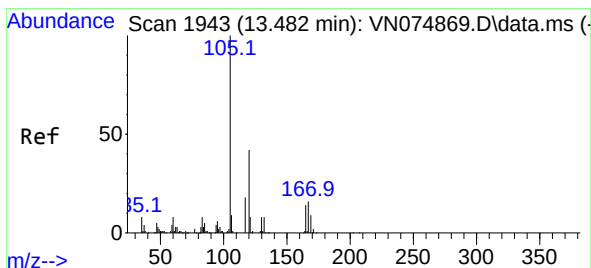
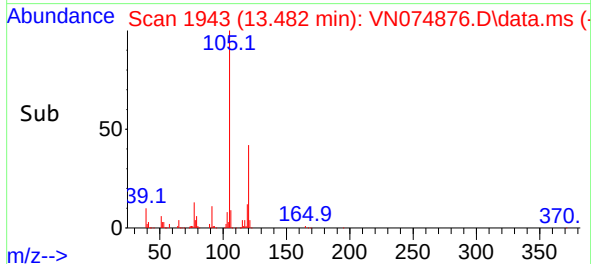
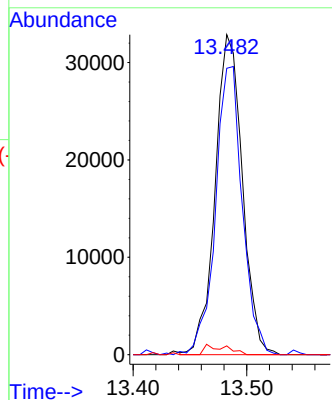
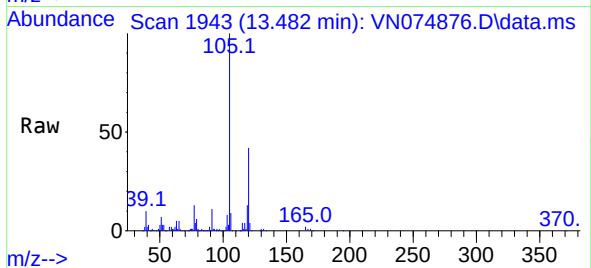
Tgt Ion:119 Resp: 54736

Ion Ratio Lower Upper

119 100

91 88.9 0.0 129.0

134 1.1 0.0 52.2



#80

1,2,4-Trimethylbenzene

Concen: 16.813 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN074876.D

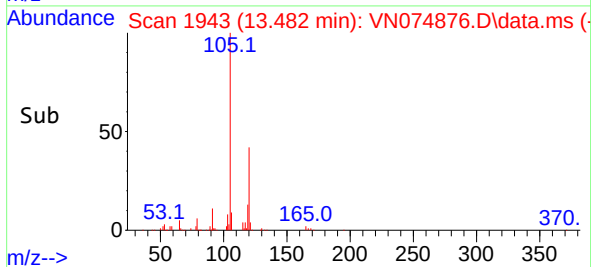
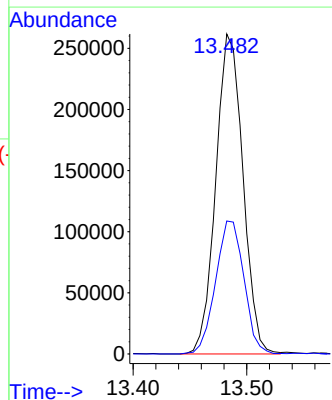
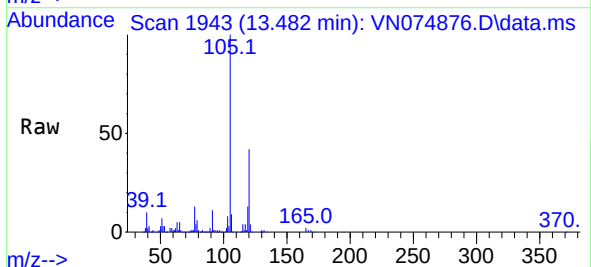
Acq: 12 Oct 2022 15:03

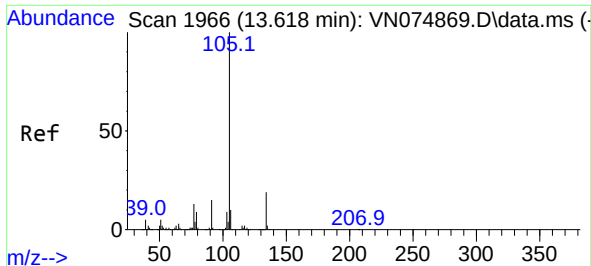
Tgt Ion:105 Resp: 434586

Ion Ratio Lower Upper

105 100

120 43.3 0.0 93.2

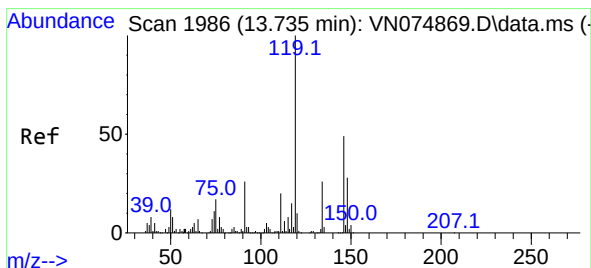
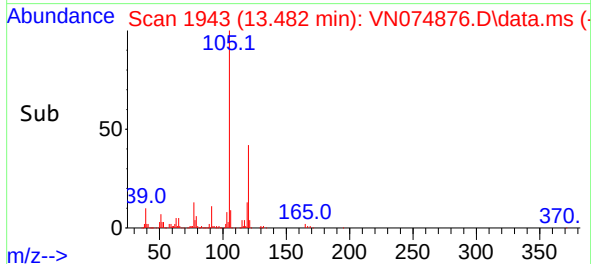
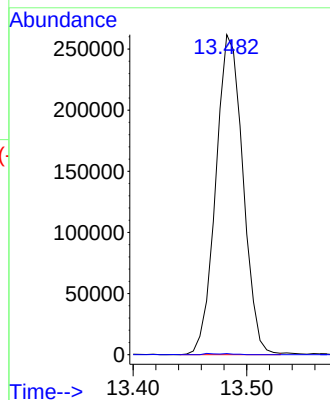
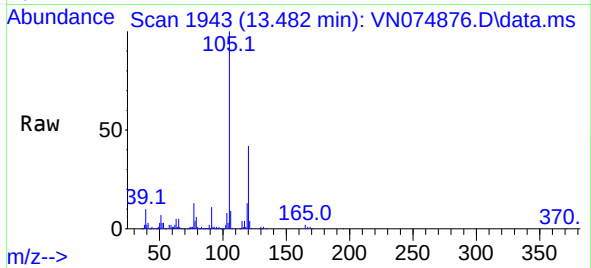




#81
 sec-Butylbenzene
 Concen: 13.233 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.135 min
 Lab File: VN074876.D
 Acq: 12 Oct 2022 15:03

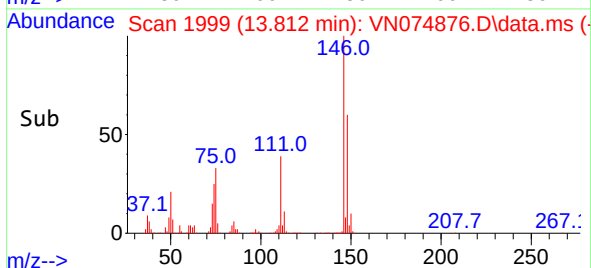
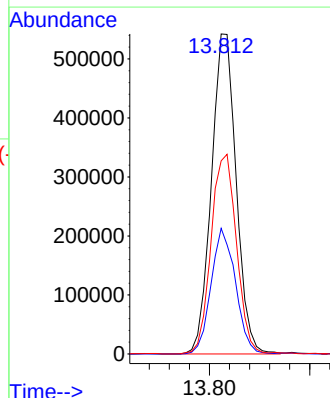
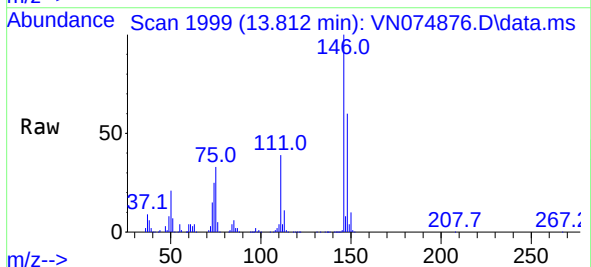
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-5

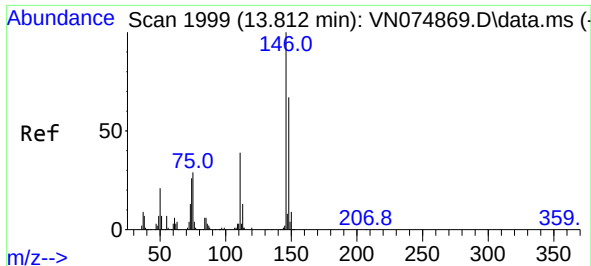
Tgt Ion:105 Resp: 434586
 Ion Ratio Lower Upper
 105 100
 134 0.1 0.0 38.8



#83
 1,3-Dichlorobenzene
 Concen: 72.080 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.076 min
 Lab File: VN074876.D
 Acq: 12 Oct 2022 15:03

Tgt Ion:146 Resp: 931714
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.5 61.5
 148 63.9 31.0 93.0

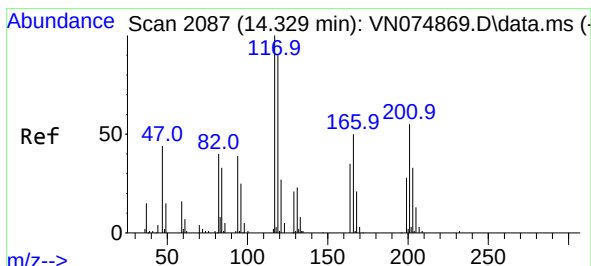
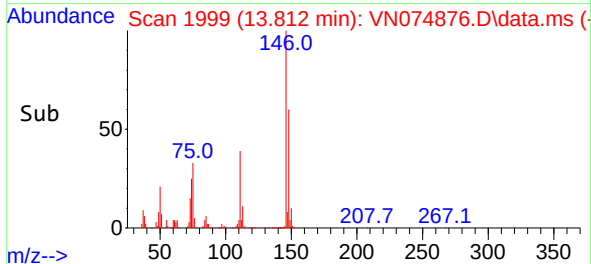
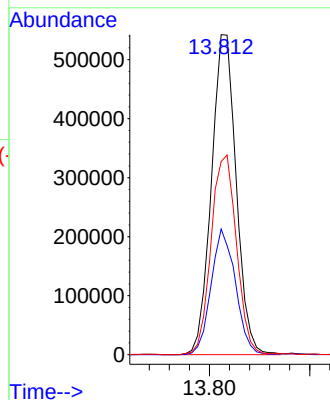
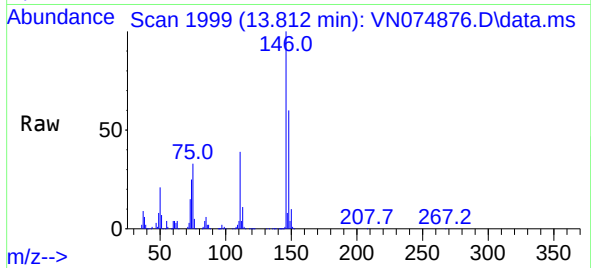




#84
1,4-Dichlorobenzene
Concen: 75.043 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

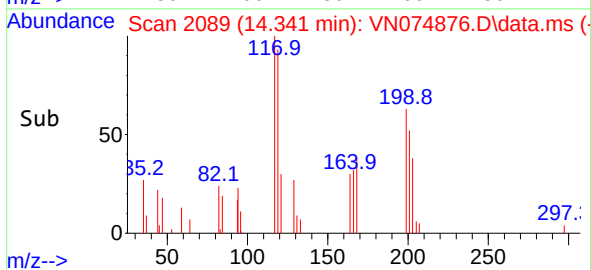
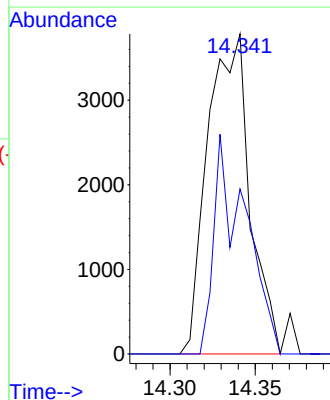
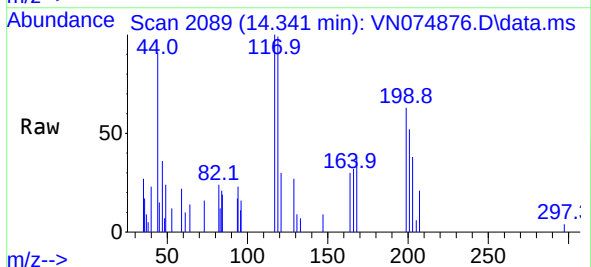
Instrument :
MSVOA_N
ClientSampleId :
WC-5

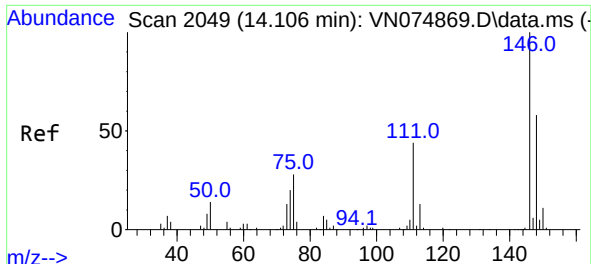
Tgt Ion:146 Resp: 931714
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.5
148 63.9 31.7 95.1



#86
Hexachloroethane
Concen: 1.273 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.012 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion:117 Resp: 6506
Ion Ratio Lower Upper
117 100
201 26.4 29.4 88.3#





#87

1,2-Dichlorobenzene

Concen: 19.137 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN074876.D

Acq: 12 Oct 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

WC-5

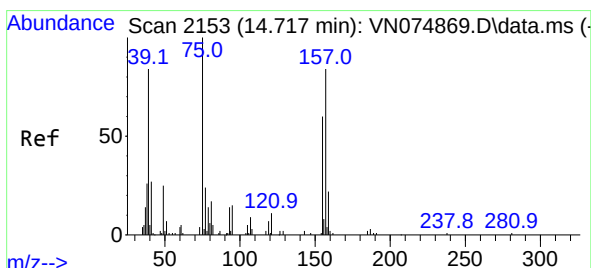
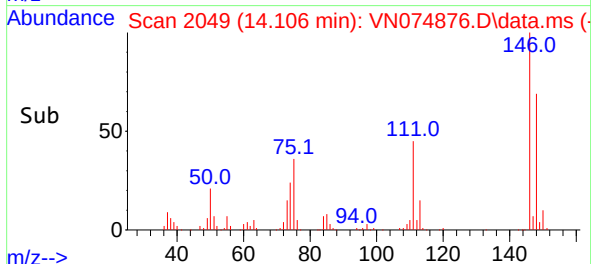
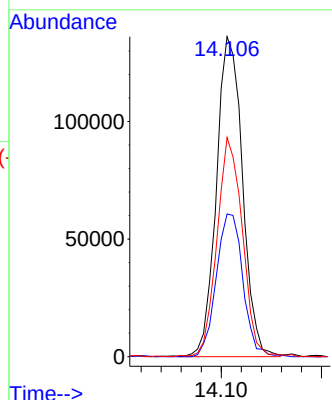
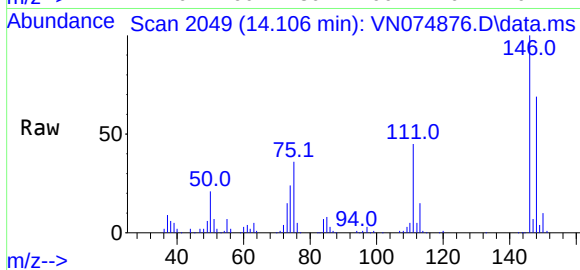
Tgt Ion:146 Resp: 245609

Ion Ratio Lower Upper

146 100

111 45.4 21.4 64.2

148 66.2 30.6 92.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 65.311 ug/l

RT: 14.717 min Scan# 2153

Delta R.T. 0.000 min

Lab File: VN074876.D

Acq: 12 Oct 2022 15:03

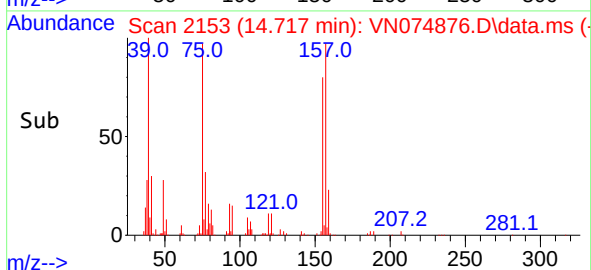
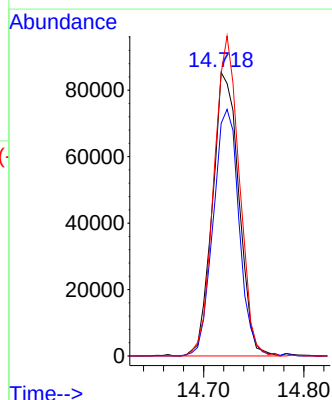
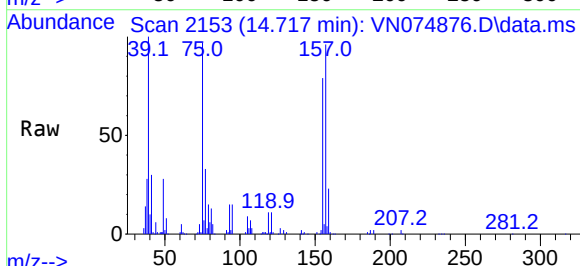
Tgt Ion: 75 Resp: 155873

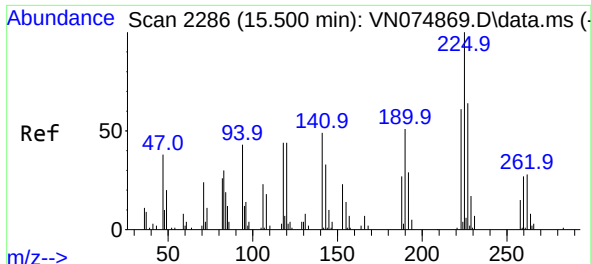
Ion Ratio Lower Upper

75 100

155 85.2 66.3 99.5

157 108.0 84.3 126.5

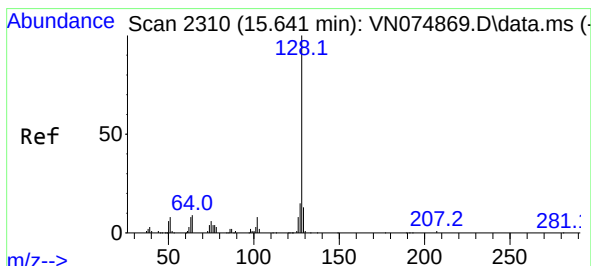
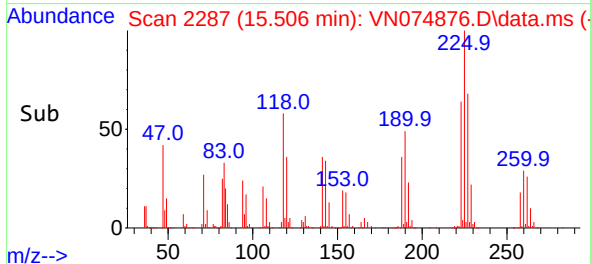
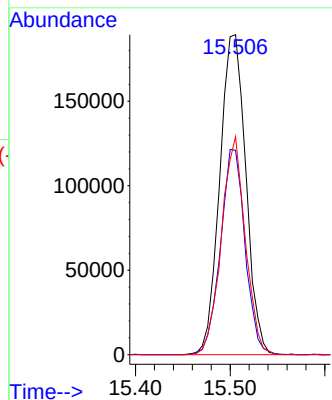
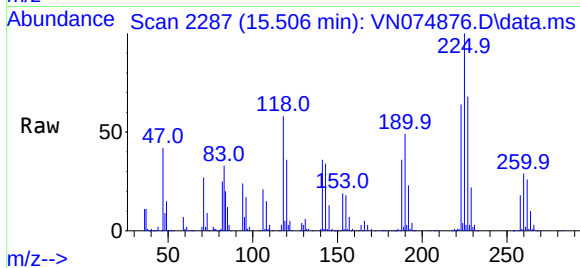




#90
Hexachlorobutadiene
Concen: 126.970 ug/l
RT: 15.506 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

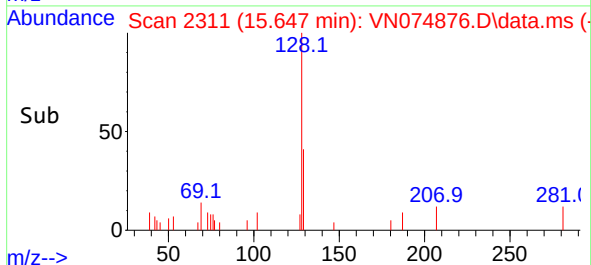
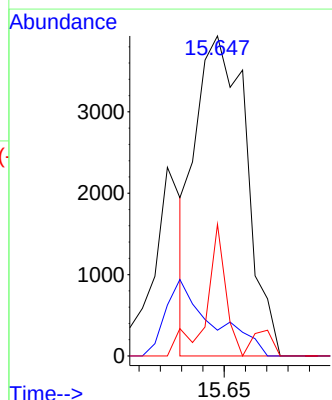
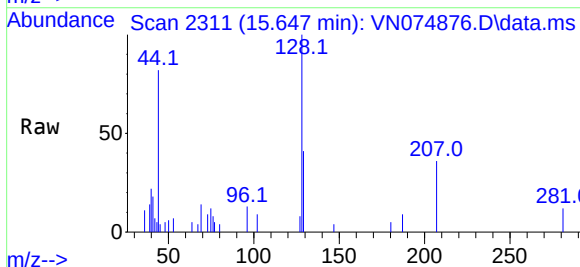
Instrument :
MSVOA_N
ClientSampleId :
WC-5

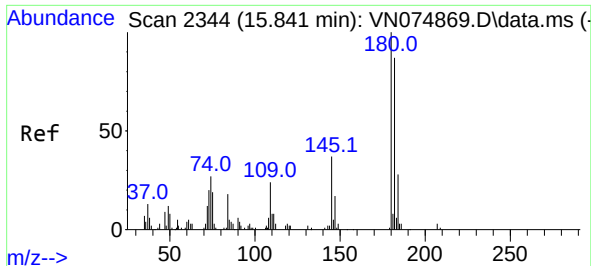
Tgt Ion:225 Resp: 362867
Ion Ratio Lower Upper
225 100
223 60.6 0.0 125.0
227 62.4 0.0 123.0



#91
Naphthalene
Concen: 0.280 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN074876.D
Acq: 12 Oct 2022 15:03

Tgt Ion:128 Resp: 6516
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 12.9 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 0.238 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN074876.D
 Acq: 12 Oct 2022 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-5

Tgt Ion:	180	Resp:	1460
Ion	Ratio	Lower	Upper
180	100		
182	58.5	0.0	185.4
145	9.0	0.0	68.6

