

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078369.D
 Acq On : 23 Jun 2023 11:10
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Jun 24 00:33:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	102556	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	582838	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	501492	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	223701	28.966	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.567%
60) 4-Bromofluorobenzene	12.853	95	213901	30.274	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.900%
63) Toluene-d8	10.570	98	729487	30.022	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.067%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	131695	21.202	ug/l	100
3) Chloromethane	2.371	50	156854	20.939	ug/l	100
4) Vinyl Chloride	2.524	62	196055	21.277	ug/l	100
5) Bromomethane	2.965	94	157359	21.007	ug/l	100
6) Chloroethane	3.130	64	128480	19.575	ug/l	100
7) Trichlorofluoromethane	3.506	101	227431	20.971	ug/l	100
8) Diethyl Ether	3.971	74	75733	20.920	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	120518	20.443	ug/l	100
10) 1,1-Dichloroethene	4.353	96	116919	20.226	ug/l	100
11) Methyl Iodide	4.600	142	168157	20.534	ug/l	100
12) Methyl Acetate	5.036	43	180688	20.154	ug/l	100
13) Acrolein	4.189	56	111219	99.046	ug/l	100
14) Acrylonitrile	5.730	53	250231	101.658	ug/l	100
15) Acetone	4.436	58	78676	114.133	ug/l	100
16) Carbon Disulfide	4.724	76	327269	20.719	ug/l	100
17) Allyl chloride	5.041	41	147467	20.298	ug/l	100
18) Methylene Chloride	5.289	84	136828	19.976	ug/l	100
19) trans-1,2-Dichloroethene	5.800	96	127428	19.975	ug/l	100
20) Diisopropyl ether	6.683	45	350910	20.149	ug/l	100
21) 1,1-Dichloroethane	6.583	63	235831	20.414	ug/l	100
22) cis-1,2-Dichloroethene	7.494	96	148573	20.472	ug/l	100
23) tert-Butyl Alcohol	5.530	59	91304	100.892	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	373912	20.515	ug/l	100
25) Chloroform	7.971	83	246767	20.213	ug/l	100
26) Cyclohexane	8.265	56	168906	20.430	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	182382	20.186	ug/l	100
30) 2-Butanone	7.494	43	333957	105.453	ug/l	100
31) 2,2-Dichloropropane	7.500	77	199359	20.637	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	219177	19.909	ug/l	100
33) Carbon Tetrachloride	8.371	117	190198	19.815	ug/l	100
34) Benzene	8.612	78	546607	20.288	ug/l	100
35) Methacrylonitrile	7.788	41	72935	20.069	ug/l	100
36) 1,2-Dichloroethane	8.677	62	183464	19.972	ug/l	100
37) Trichloroethene	9.359	130	142546	20.708	ug/l	100
38) Methylcyclohexane	9.606	83	165898	20.899	ug/l	100
39) 1,2-Dichloropropane	9.629	63	137080	20.311	ug/l	100
40) Dibromomethane	9.712	93	96722	19.860	ug/l	100
41) Bromodichloromethane	9.894	83	192061	20.300	ug/l	100
42) Vinyl Acetate	6.618	43	1044938	103.579	ug/l	100

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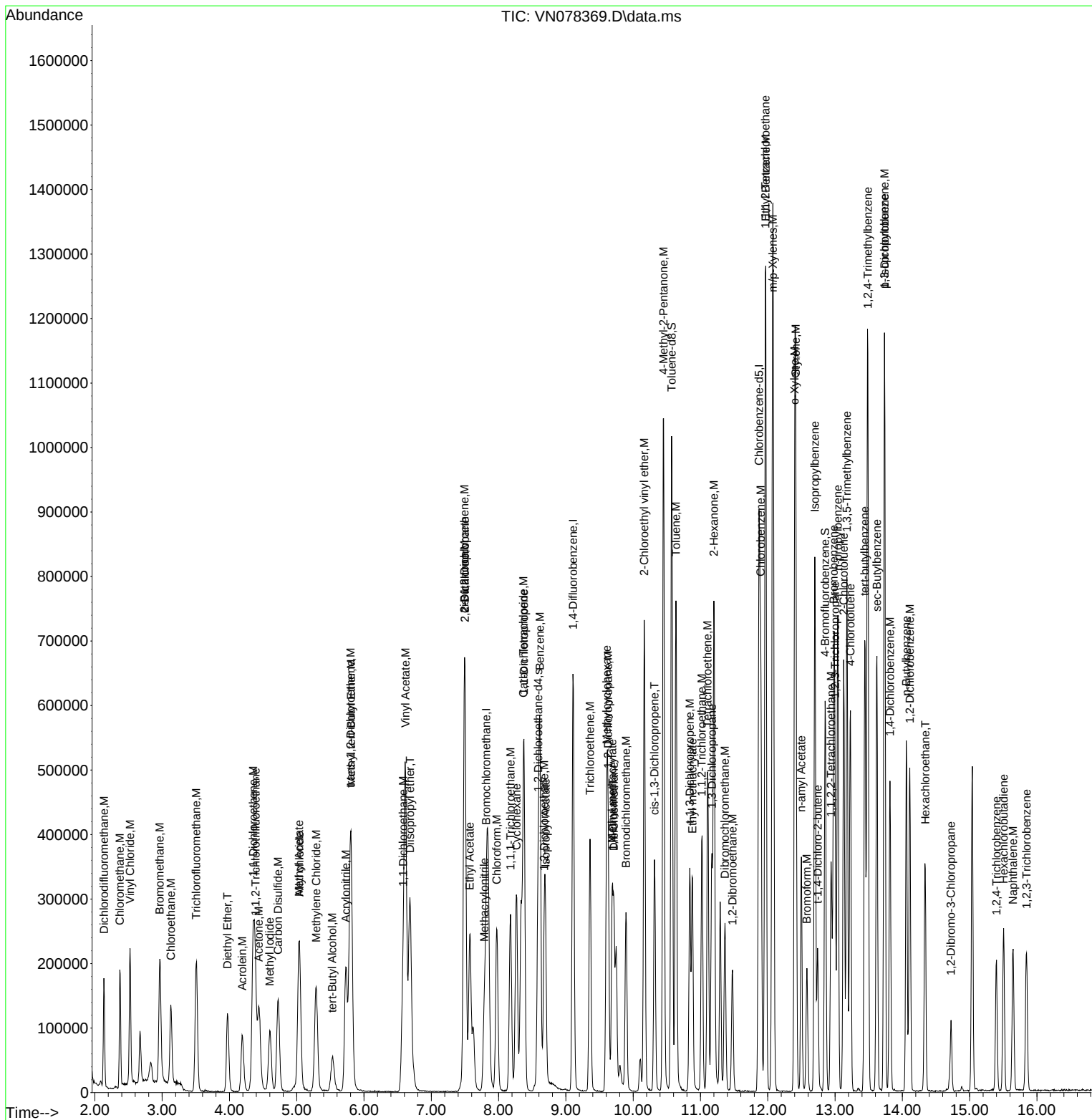
Quant Time: Jun 24 00:33:36 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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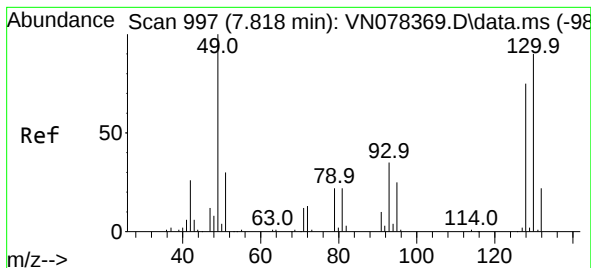
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	129237	19.896	ug/l	100
44) Isopropyl Acetate	8.700	43	237538	19.723	ug/l	100
45) 1,4-Dioxane	9.700	88	40629	391.630	ug/l	100
46) Methyl methacrylate	9.688	41	115310	21.509	ug/l	100
47) n-amyl Acetate	12.500	43	181884	20.544	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	200680	20.663	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	221677	20.707	ug/l	100
50) 1,1,2-Trichloroethane	11.018	97	134356	20.579	ug/l	100
51) Ethyl methacrylate	10.882	69	183076	20.498	ug/l	100
52) 1,3-Dichloropropane	11.170	76	218680	19.957	ug/l	100
53) Dibromochloromethane	11.365	129	143764	20.760	ug/l	100
54) 1,2-Dibromoethane	11.476	107	134720	20.473	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	328991	99.843	ug/l	100
56) Bromoform	12.582	173	86408	20.385	ug/l	100
58) 4-Methyl-2-Pentanone	10.453	43	695819	103.901	ug/l	100
59) 2-Hexanone	11.200	43	490664	106.086	ug/l	100
61) Tetrachloroethene	11.106	164	110604	20.127	ug/l	100
62) Toluene	10.635	91	606584	20.783	ug/l	100
64) Chlorobenzene	11.894	112	357190	20.648	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	136781	20.505	ug/l	100
66) Ethyl Benzene	11.970	91	617507	20.793	ug/l	100
67) m/p-Xylenes	12.076	106	468902	41.757	ug/l	100
68) o-Xylene	12.400	106	230701	21.186	ug/l	100
69) Styrene	12.417	104	361992	20.996	ug/l	100
70) Isopropylbenzene	12.700	105	554082	20.708	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	179372	20.615	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	209071	27.258	ug/l	60
73) Bromobenzene	12.982	156	133243	20.829	ug/l	100
74) n-propylbenzene	13.041	91	609919	20.963	ug/l	100
75) 2-Chlorotoluene	13.129	91	397757	20.195	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	446807	20.138	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	50089	21.366	ug/l	100
78) 4-Chlorotoluene	13.229	91	365622	19.837	ug/l	100
79) tert-butylbenzene	13.441	119	376032	20.603	ug/l	100
80) 1,2,4-Trimethylbenzene	13.488	105	439542	20.966	ug/l	100
81) sec-Butylbenzene	13.623	105	483922	21.254	ug/l	100
82) p-Isopropyltoluene	13.735	119	389760	21.282	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	209187	20.632	ug/l	100
84) 1,4-Dichlorobenzene	13.817	146	203739	20.783	ug/l	100
85) n-Butylbenzene	14.059	91	304164	22.484	ug/l	100
86) Hexachloroethane	14.341	117	72146	20.467	ug/l	100
87) 1,2-Dichlorobenzene	14.111	146	207304	20.627	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.723	75	26079	19.892	ug/l	100
89) 1,2,4-Trichlorobenzene	15.400	180	66938	21.843	ug/l	100
90) Hexachlorobutadiene	15.505	225	46102	22.128	ug/l	100
91) Naphthalene	15.647	128	212875	21.199	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	76096	21.464	ug/l	100

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

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN078369.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

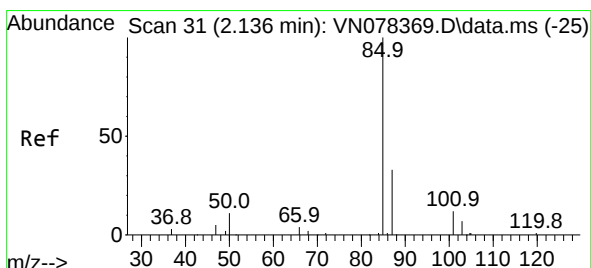
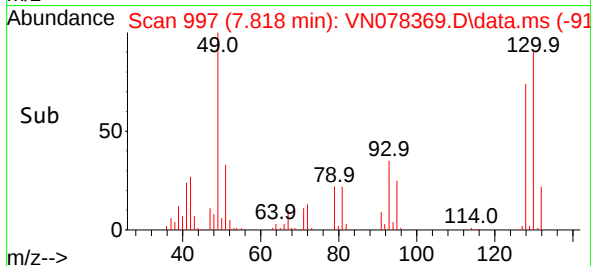
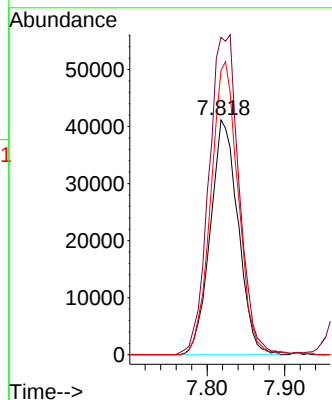
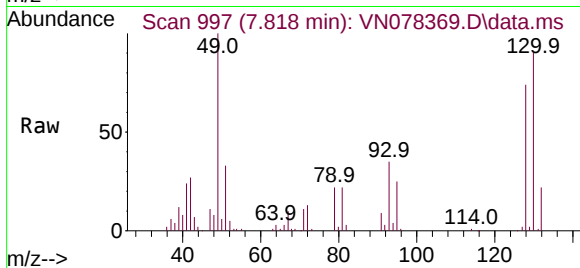
Tgt Ion:128 Resp: 102556

Ion Ratio Lower Upper

128 100

49 148.3 0.0 370.8

130 122.8 0.0 307.0



#2

Dichlorodifluoromethane

Concen: 21.202 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN078369.D

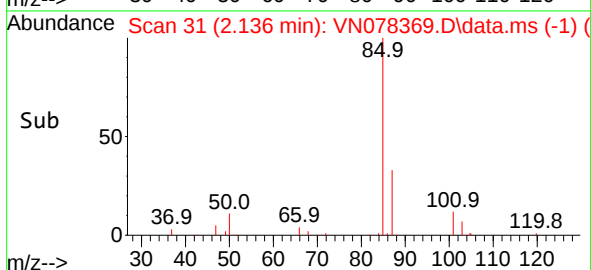
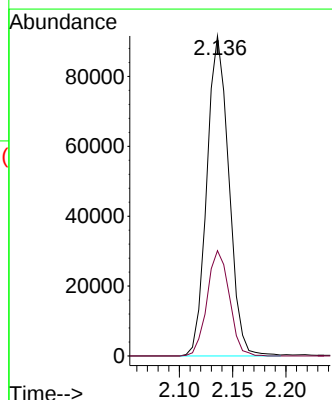
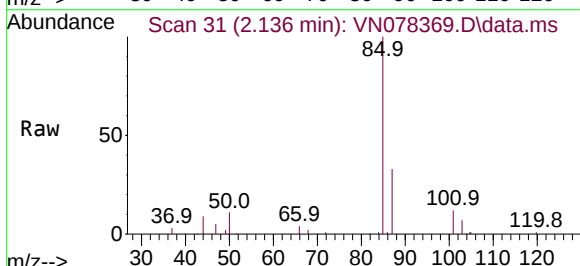
Acq: 23 Jun 2023 11:10

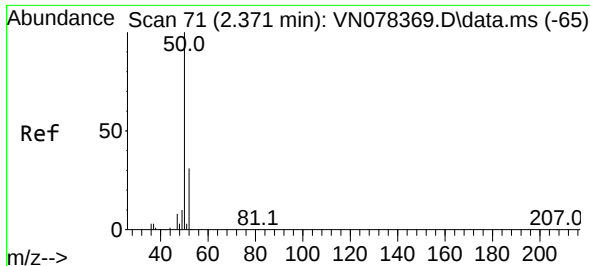
Tgt Ion: 85 Resp: 131695

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.4

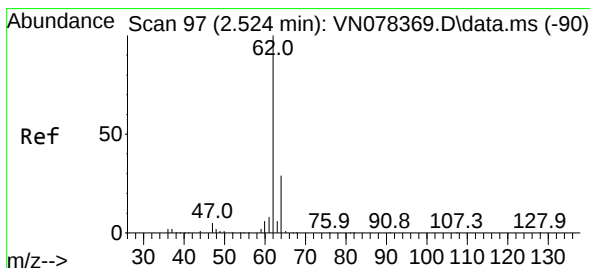
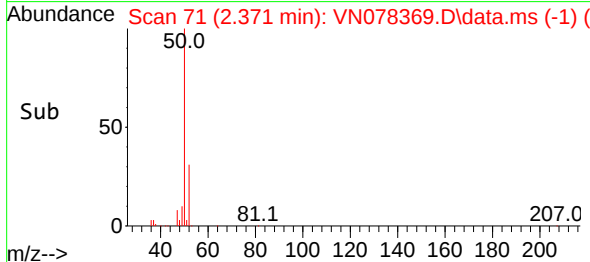
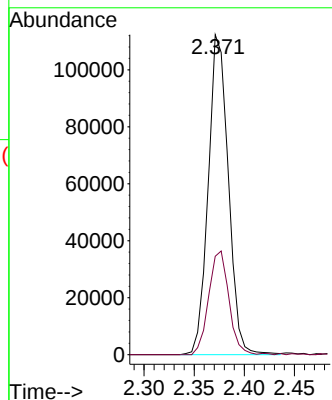
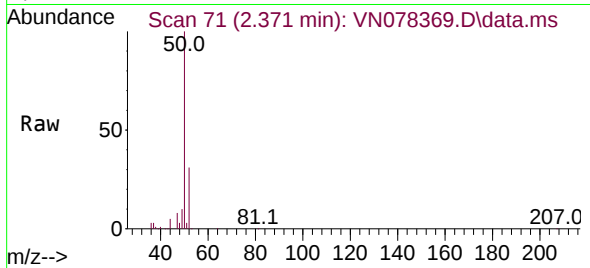




#3
Chloromethane
Concen: 20.939 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

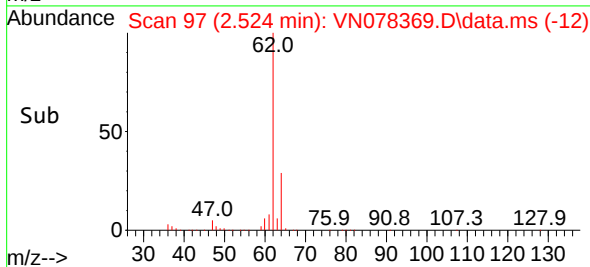
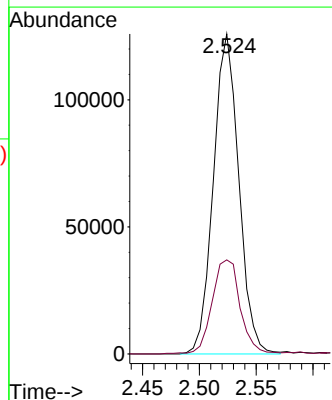
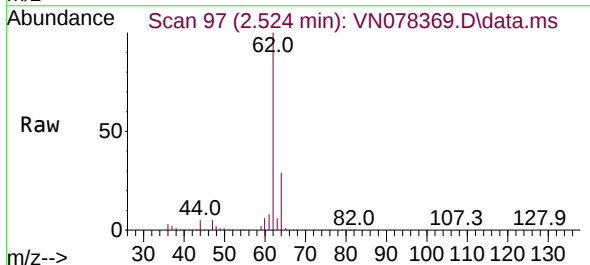
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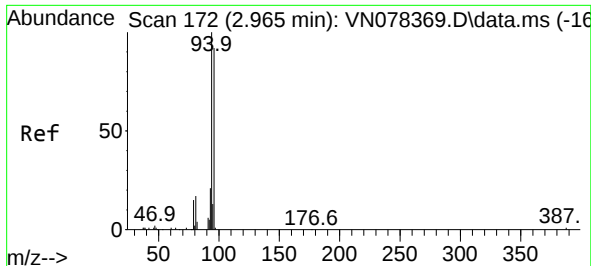
Tgt Ion: 50 Resp: 156854
Ion Ratio Lower Upper
50 100
52 30.7 24.6 36.8



#4
Vinyl Chloride
Concen: 21.277 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 62 Resp: 196055
Ion Ratio Lower Upper
62 100
64 29.1 23.3 34.9

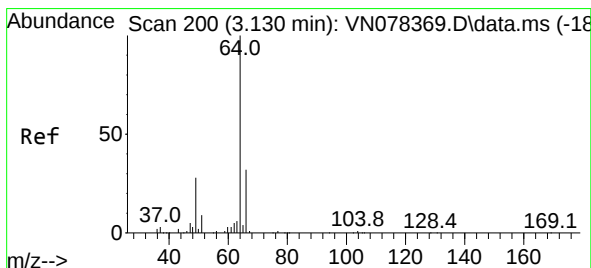
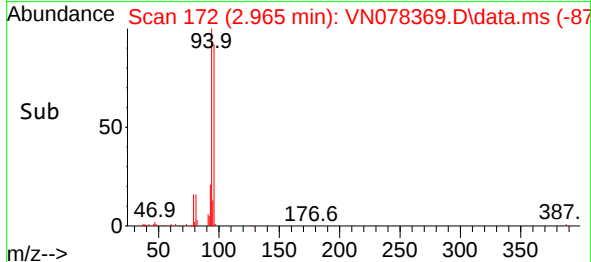
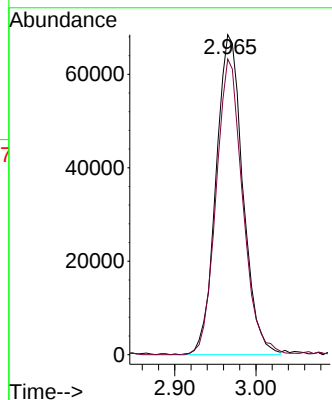
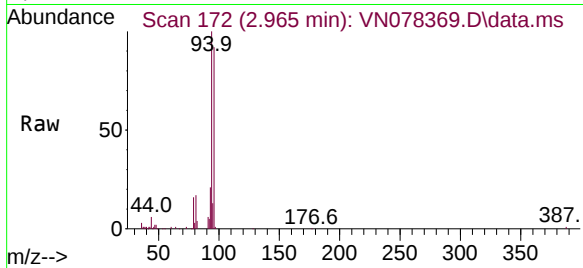




#5
Bromomethane
Concen: 21.007 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

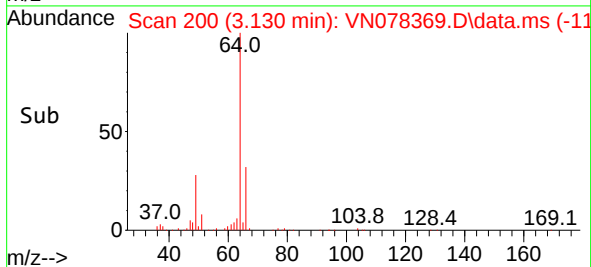
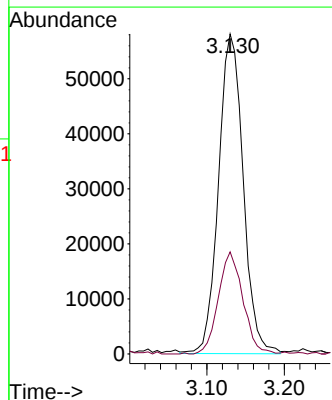
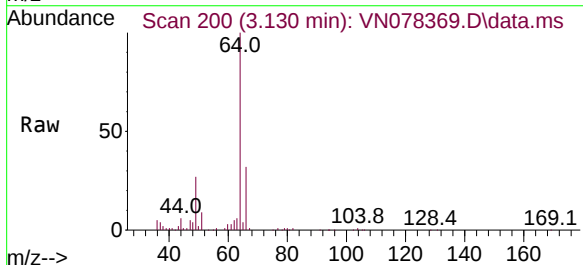
Instrument :
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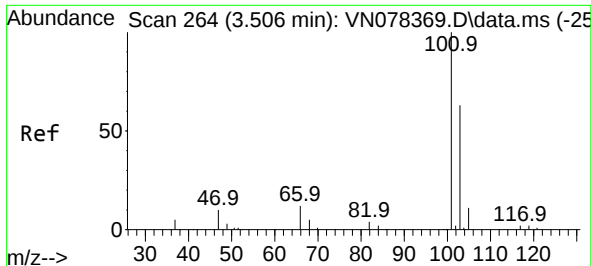
Tgt Ion: 94 Resp: 157359
Ion Ratio Lower Upper
94 100
96 92.4 73.9 110.9



#6
Chloroethane
Concen: 19.575 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 64 Resp: 128480
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

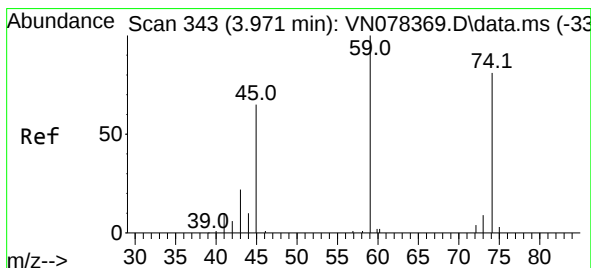
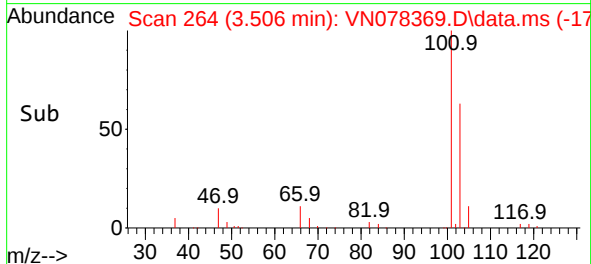
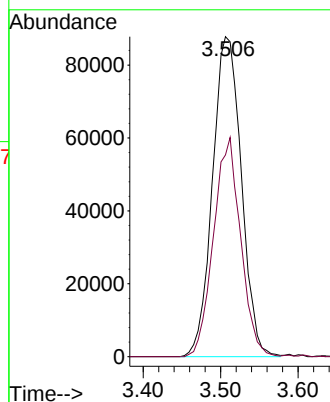
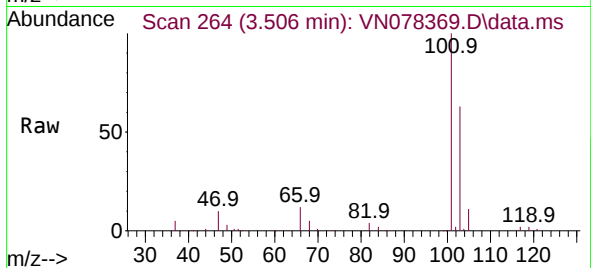




#7
Trichlorofluoromethane
Concen: 20.971 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078369.D
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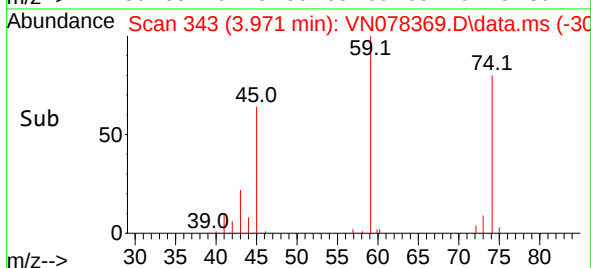
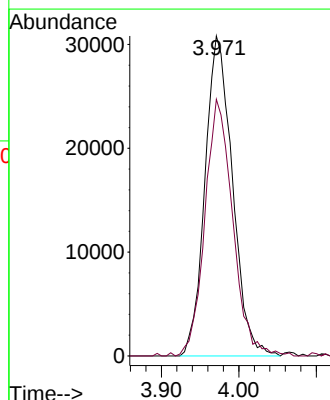
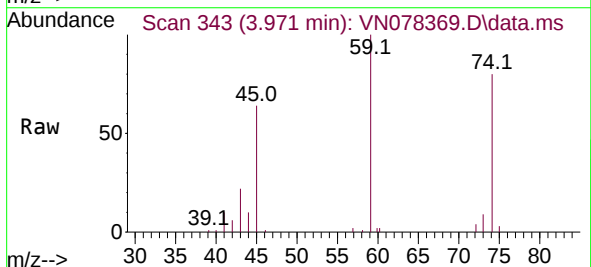
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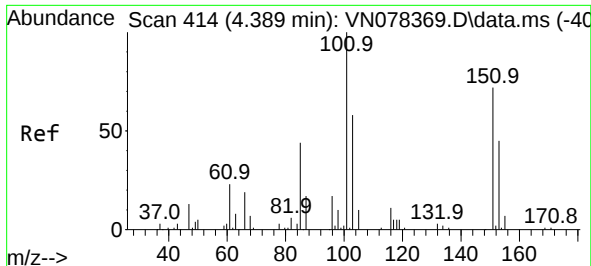
Tgt Ion:101 Resp: 227431
Ion Ratio Lower Upper
101 100
103 63.0 50.4 75.6



#8
Diethyl Ether
Concen: 20.920 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 74 Resp: 75733
Ion Ratio Lower Upper
74 100
45 81.4 16.3 146.5

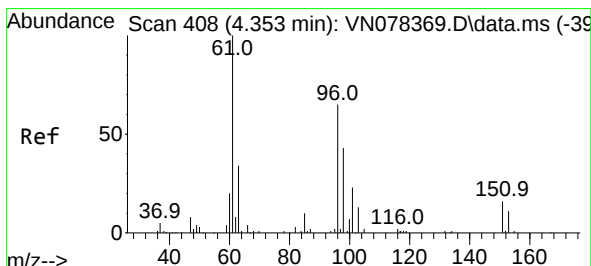
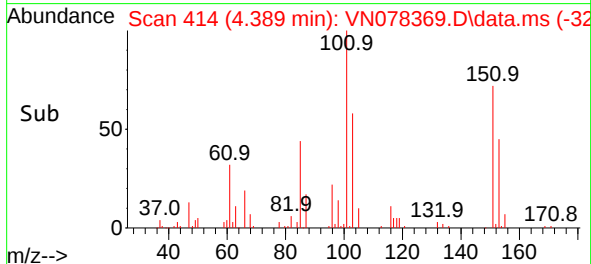
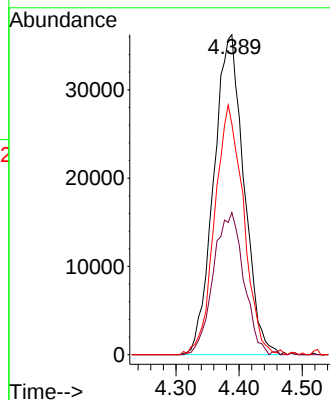
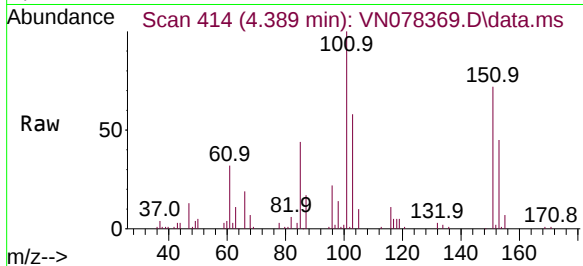




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.443 ug/l
 RT: 4.389 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VN078369.D
 Acq: 23 Jun 2023 11:10

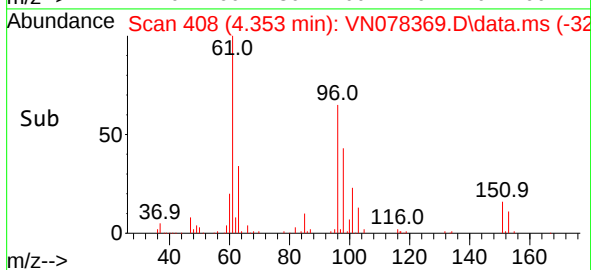
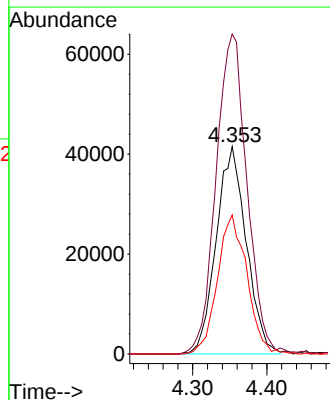
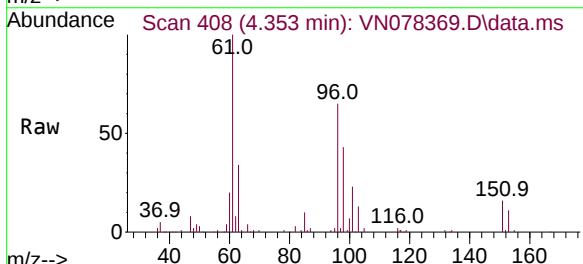
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 VSTDICCC020

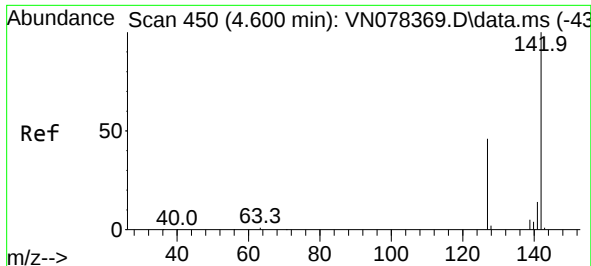
Tgt Ion:101 Resp: 120518
 Ion Ratio Lower Upper
 101 100
 85 44.6 0.0 89.2
 151 74.4 0.0 148.8



#10
 1,1-Dichloroethene
 Concen: 20.226 ug/l
 RT: 4.353 min Scan# 408
 Delta R.T. 0.000 min
 Lab File: VN078369.D
 Acq: 23 Jun 2023 11:10

Tgt Ion: 96 Resp: 116919
 Ion Ratio Lower Upper
 96 100
 61 154.3 123.4 185.2
 98 67.1 53.7 80.5

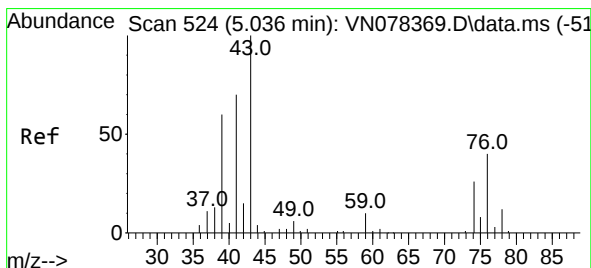
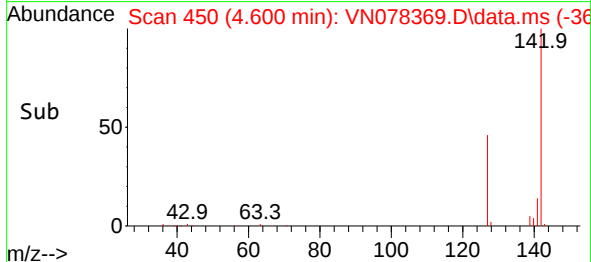
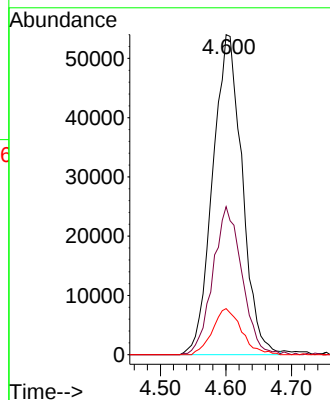
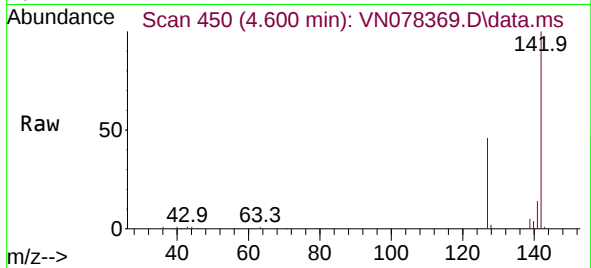




#11
Methyl Iodide
Concen: 20.534 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

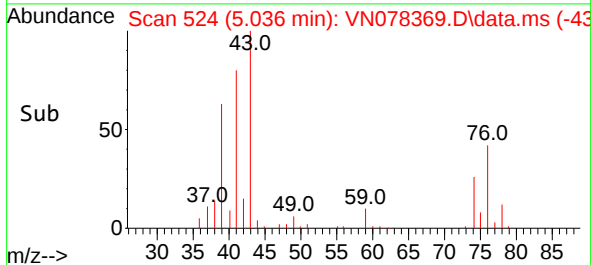
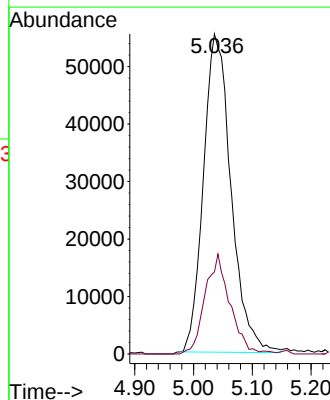
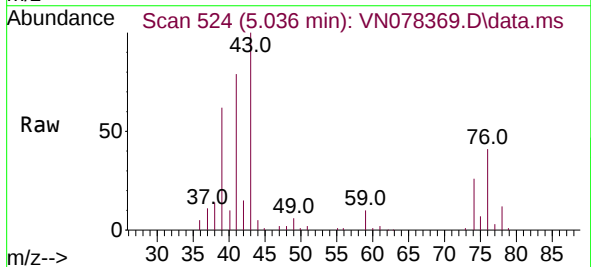
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

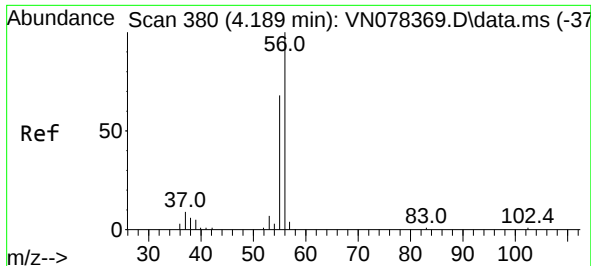
Tgt Ion:142 Resp: 168157
Ion Ratio Lower Upper
142 100
127 46.3 23.2 69.5
141 14.5 7.2 21.7



#12
Methyl Acetate
Concen: 20.154 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 43 Resp: 180688
Ion Ratio Lower Upper
43 100
74 25.6 20.5 30.7

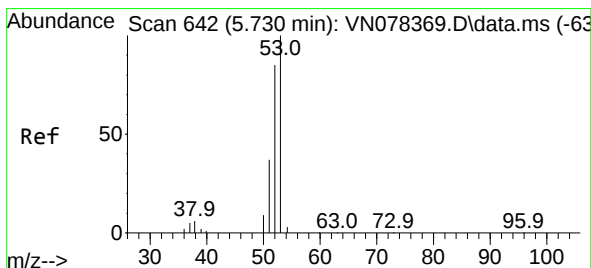
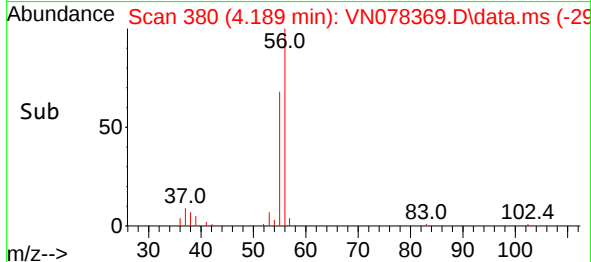
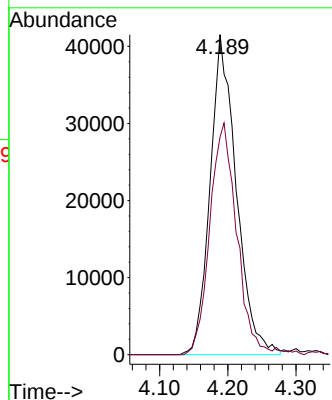
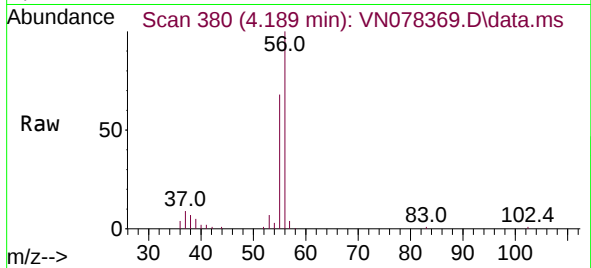




#13
Acrolein
Concen: 99.046 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

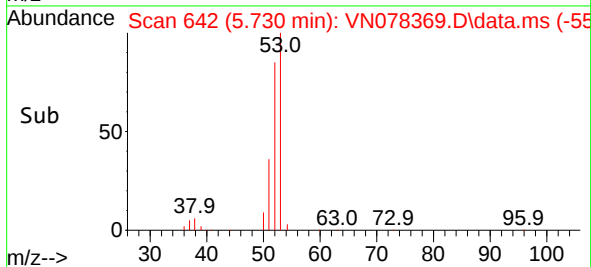
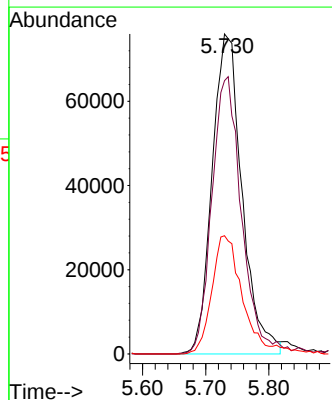
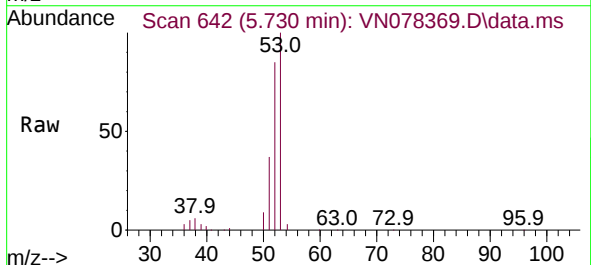
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

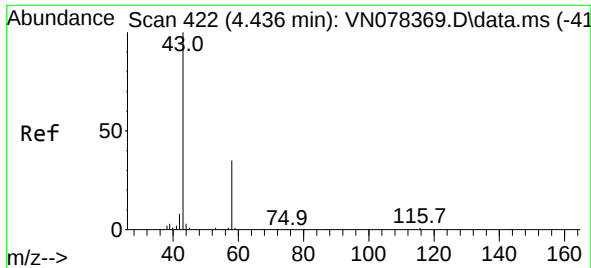
Tgt Ion: 56 Resp: 111219
Ion Ratio Lower Upper
56 100
55 73.7 59.0 88.4



#14
Acrylonitrile
Concen: 101.658 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 53 Resp: 250231
Ion Ratio Lower Upper
53 100
52 84.6 42.3 126.9
51 36.9 18.4 55.4





#15

Acetone

Concen: 114.133 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

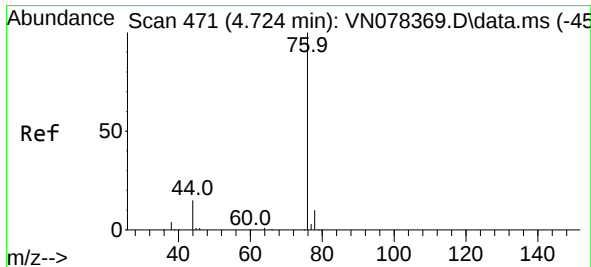
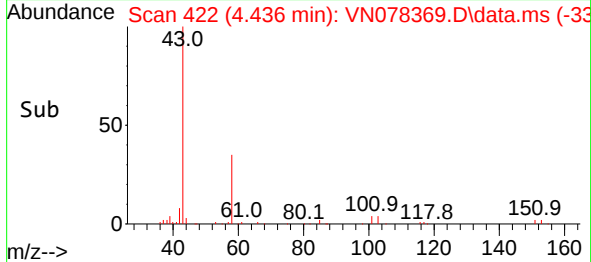
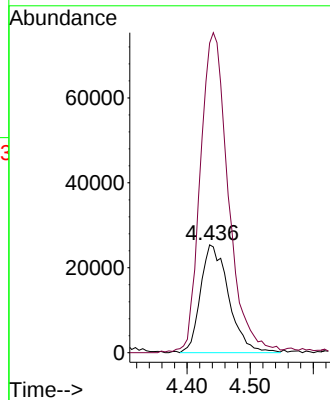
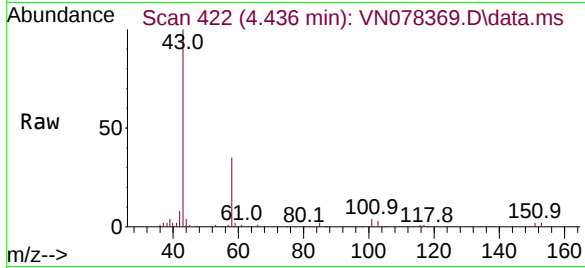
VSTDICCC020

Tgt Ion: 58 Resp: 78676

Ion Ratio Lower Upper

58 100

43 284.4 227.5 341.3



#16

Carbon Disulfide

Concen: 20.719 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.000 min

Lab File: VN078369.D

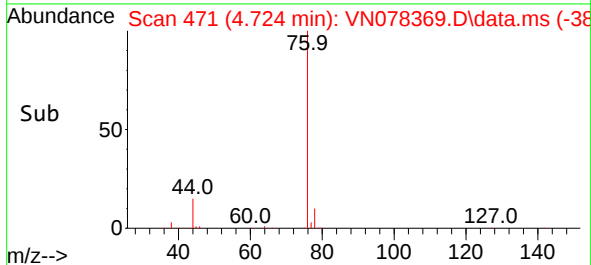
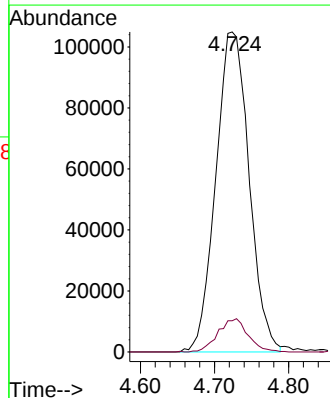
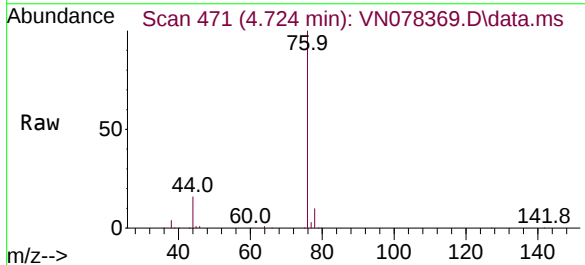
Acq: 23 Jun 2023 11:10

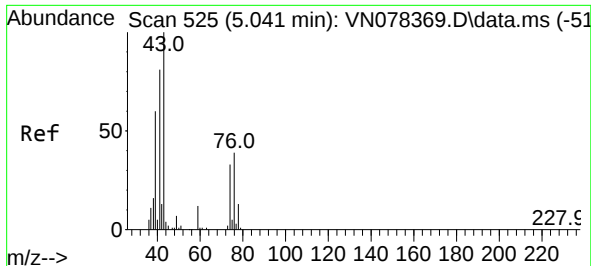
Tgt Ion: 76 Resp: 327269

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5





#17

Allyl chloride

Concen: 20.298 ug/l

RT: 5.041 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

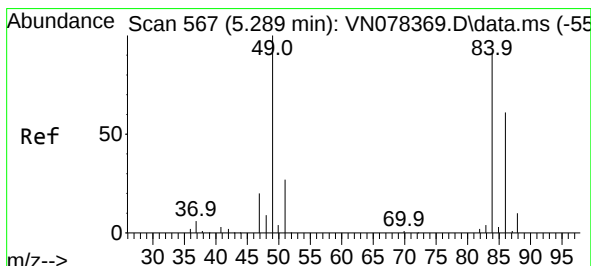
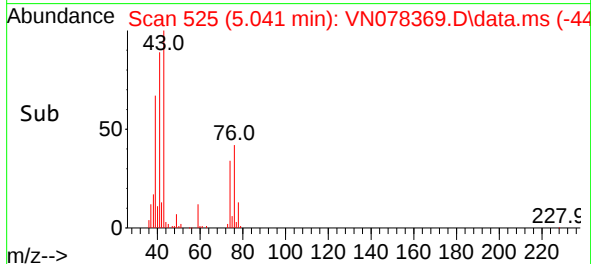
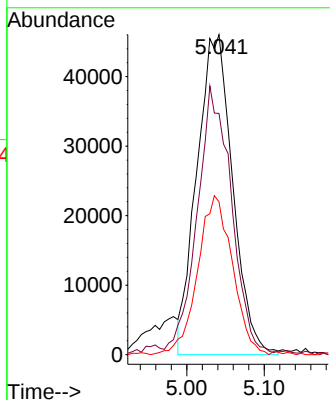
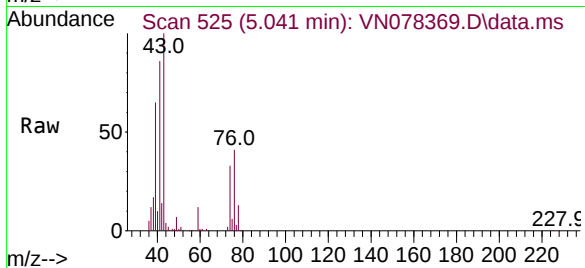
Tgt Ion: 41 Resp: 147467

Ion Ratio Lower Upper

41 100

39 75.2 37.6 112.8

76 47.6 23.8 71.4



#18

Methylene Chloride

Concen: 19.976 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Tgt Ion: 84 Resp: 136828

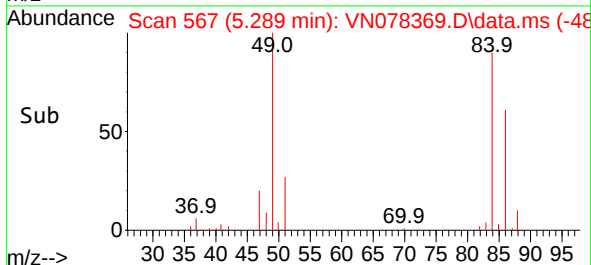
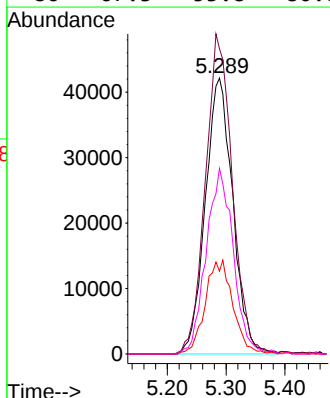
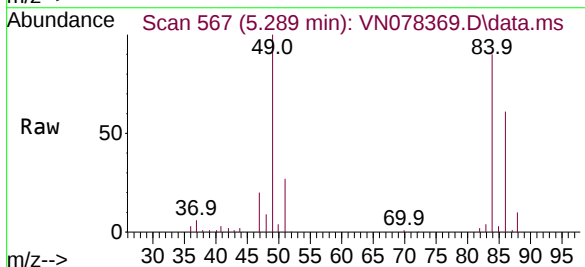
Ion Ratio Lower Upper

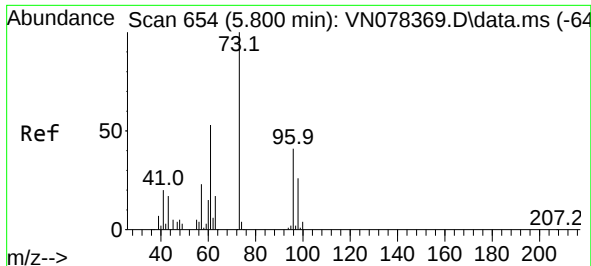
84 100

49 110.1 88.1 132.1

51 30.0 24.0 36.0

86 67.3 53.8 80.8

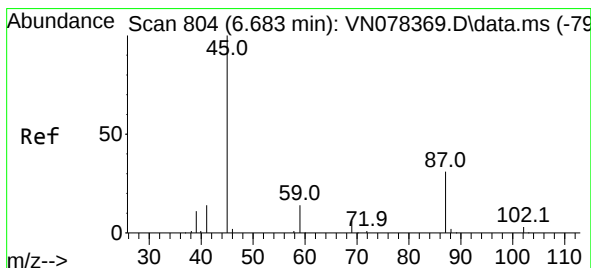
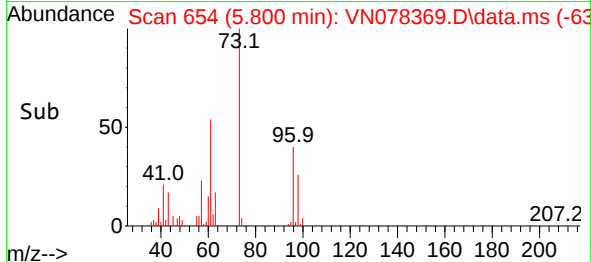
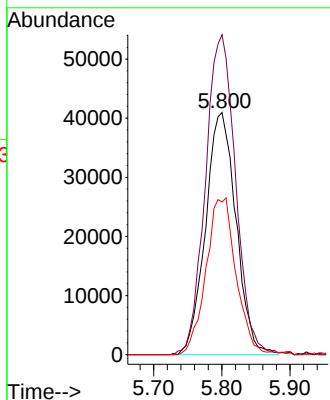
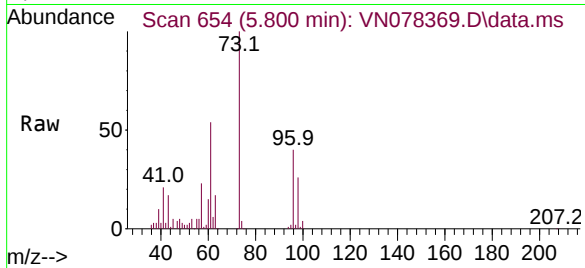




#19
trans-1,2-Dichloroethene
Concen: 19.975 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

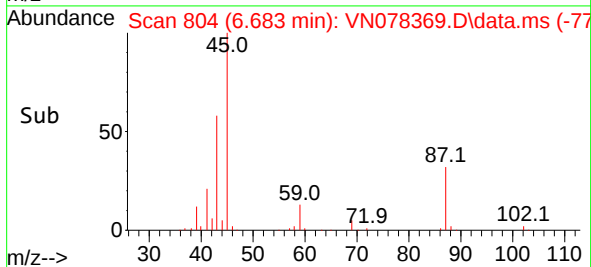
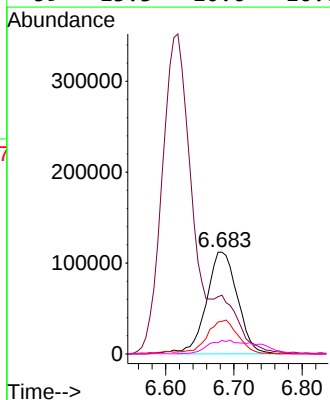
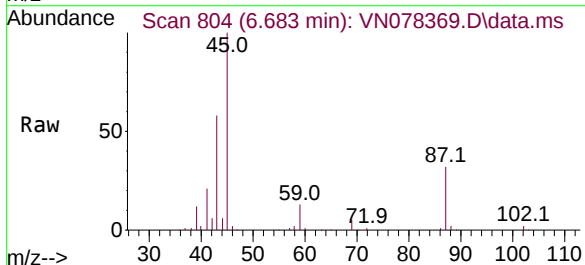
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

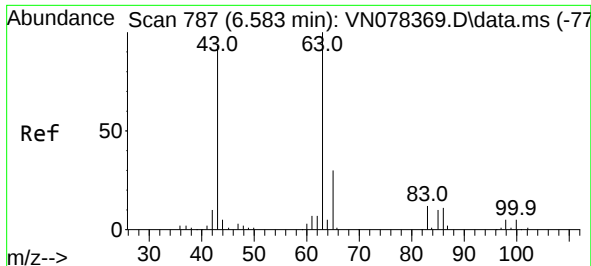
Tgt Ion: 96 Resp: 127428
Ion Ratio Lower Upper
96 100
61 131.5 105.2 157.8
98 63.1 50.5 75.7



#20
Diisopropyl ether
Concen: 20.149 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 45 Resp: 350910
Ion Ratio Lower Upper
45 100
43 54.5 43.6 65.4
87 32.2 25.8 38.6
59 13.3 10.6 16.0





#21

1,1-Dichloroethane

Concen: 20.414 ug/l

RT: 6.583 min Scan# 787

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

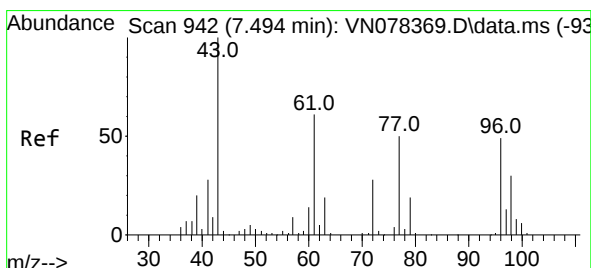
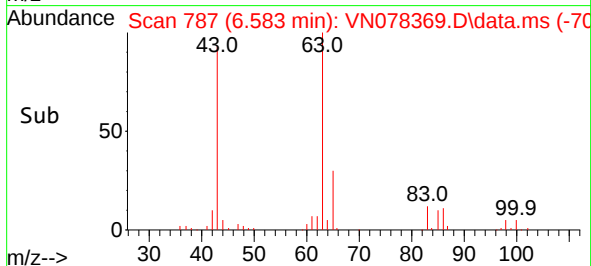
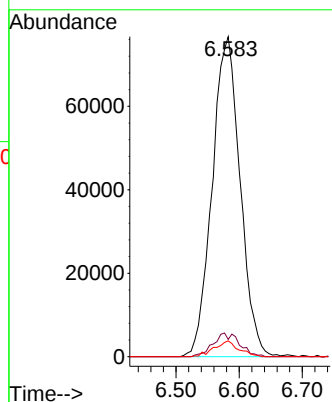
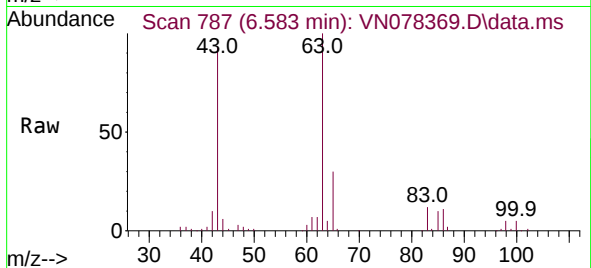
Tgt Ion: 63 Resp: 235831

Ion Ratio Lower Upper

63 100

98 5.4 2.7 8.1

100 4.9 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 20.472 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

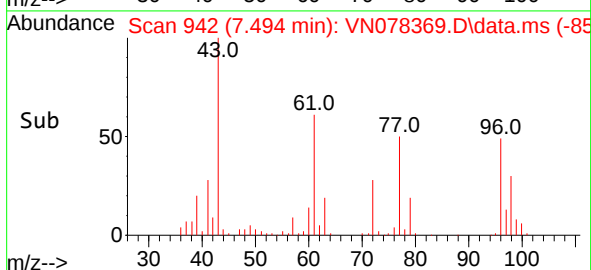
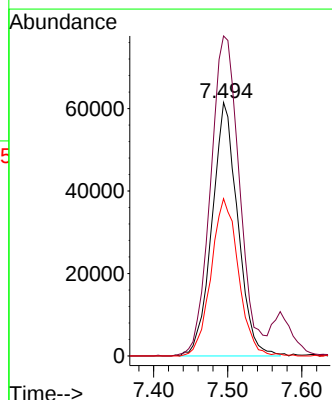
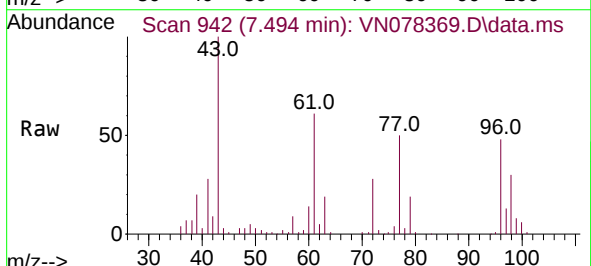
Tgt Ion: 96 Resp: 148573

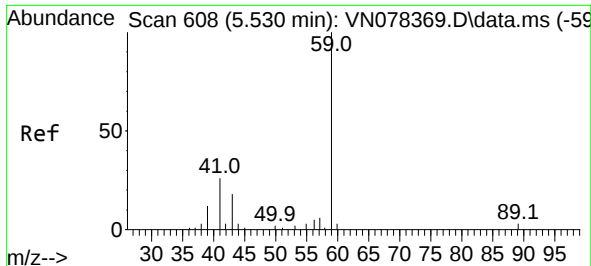
Ion Ratio Lower Upper

96 100

61 142.2 113.8 170.6

98 65.3 52.2 78.4

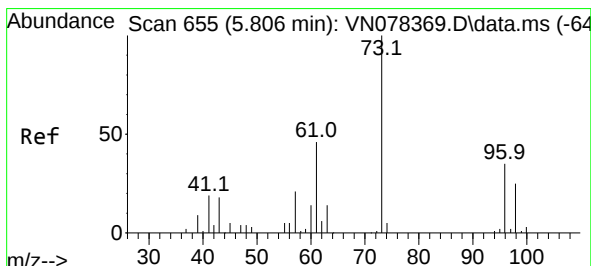
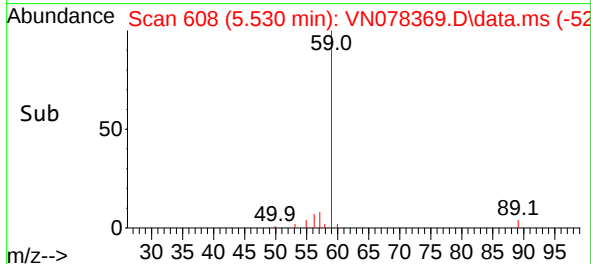
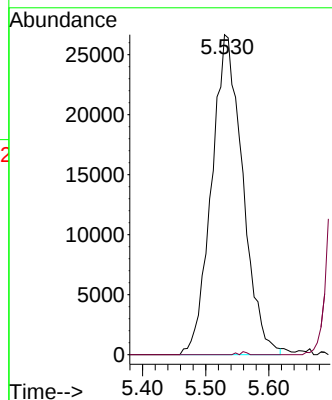
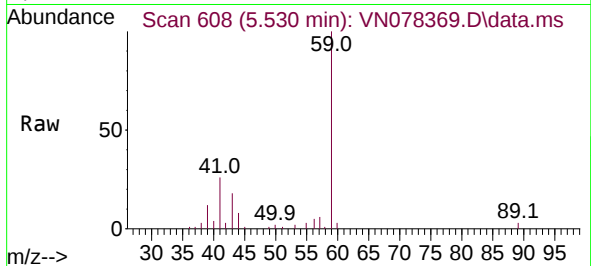




#23
tert-Butyl Alcohol
Concen: 100.892 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

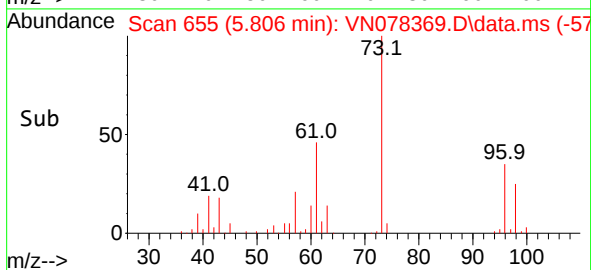
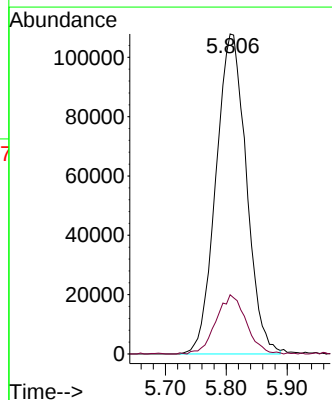
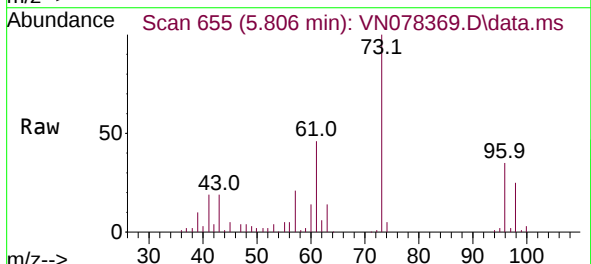
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

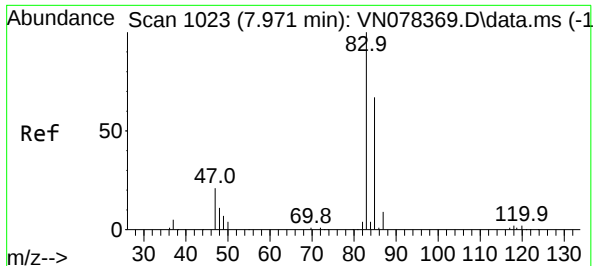
Tgt Ion: 59 Resp: 91304
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 20.515 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 73 Resp: 373912
Ion Ratio Lower Upper
73 100
43 18.1 14.5 21.7





#25

Chloroform

Concen: 20.213 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

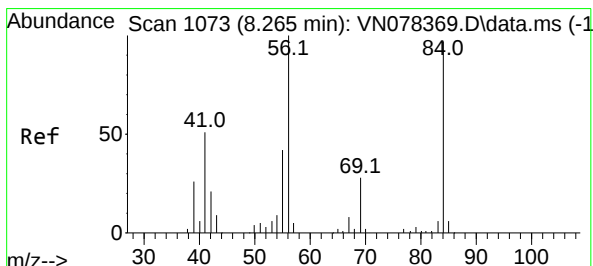
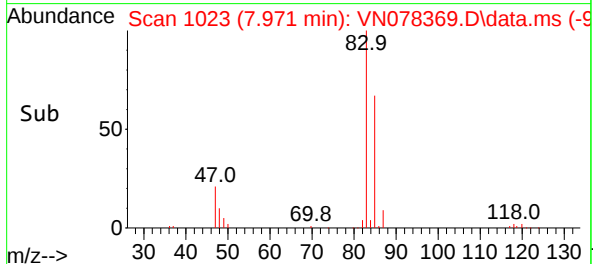
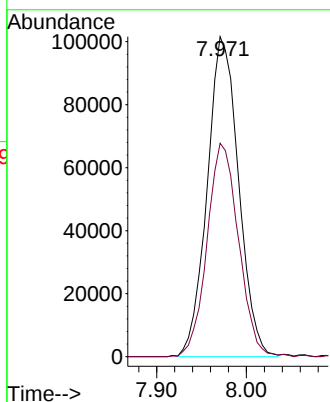
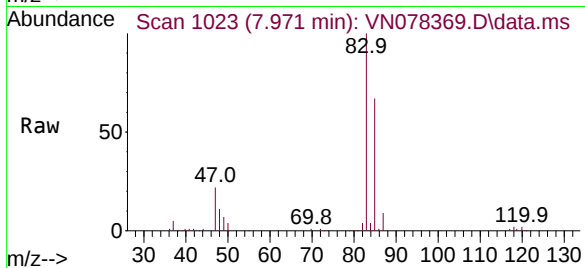
VSTDICCC020

Tgt Ion: 83 Resp: 246767

Ion Ratio Lower Upper

83 100

85 66.7 53.4 80.0



#26

Cyclohexane

Concen: 20.430 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

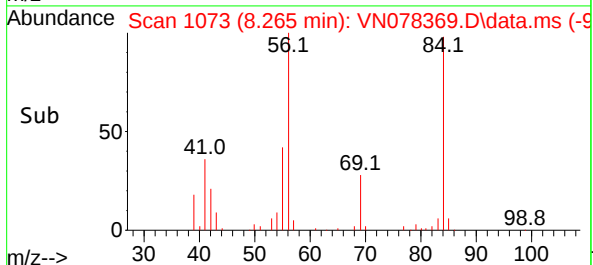
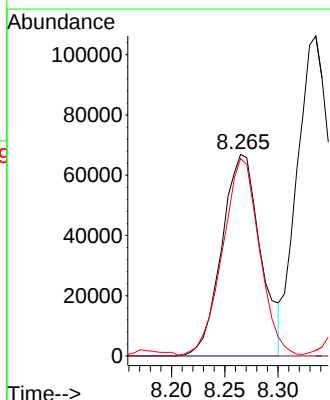
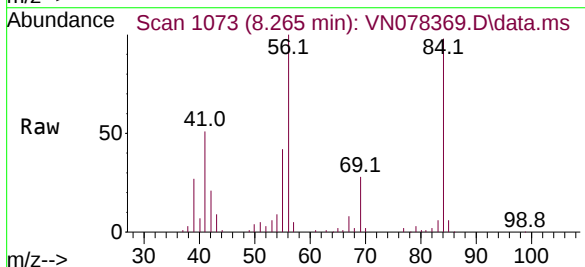
Tgt Ion: 56 Resp: 168906

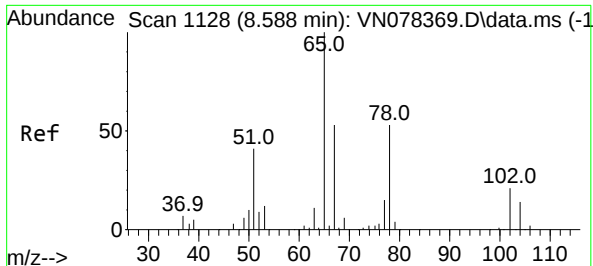
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.8 74.2 111.4

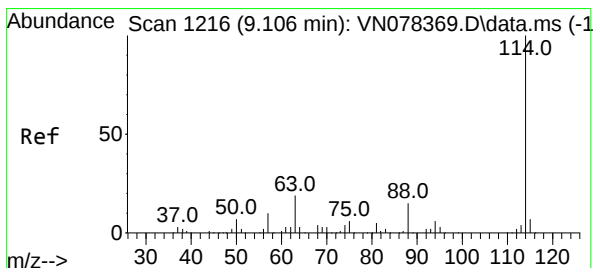
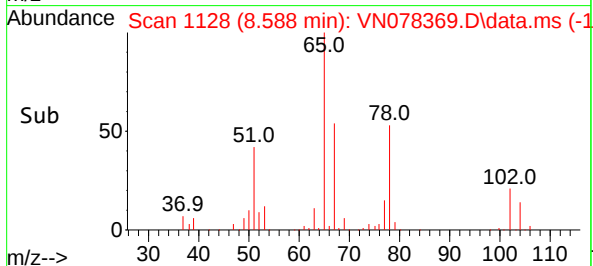
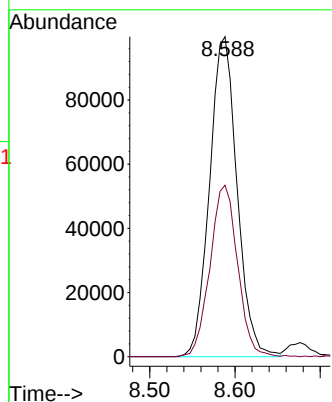
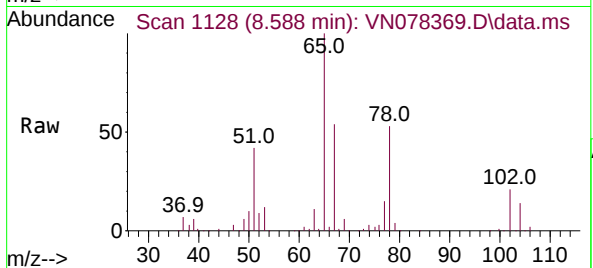




#27
1,2-Dichloroethane-d4
Concen: 28.966 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

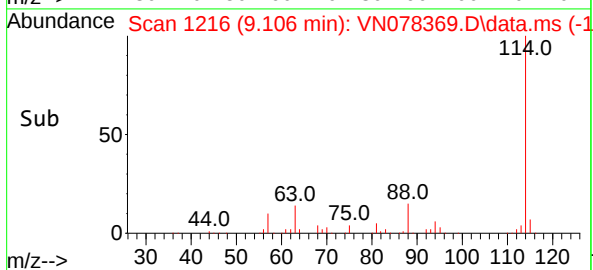
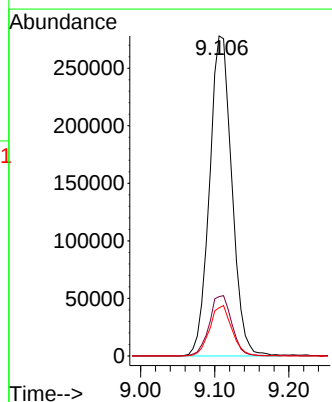
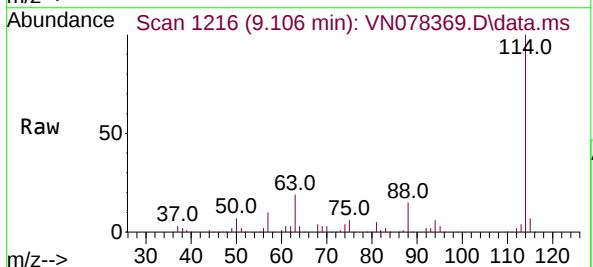
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

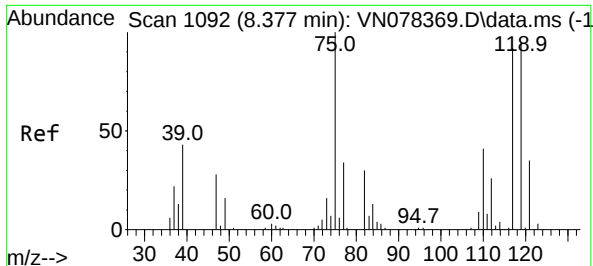
Tgt Ion: 65 Resp: 223701
Ion Ratio Lower Upper
65 100
67 53.6 42.9 64.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 114 Resp: 582838
Ion Ratio Lower Upper
114 100
63 19.0 15.2 22.8
88 15.6 12.5 18.7





#29

1,1-Dichloropropene

Concen: 20.186 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

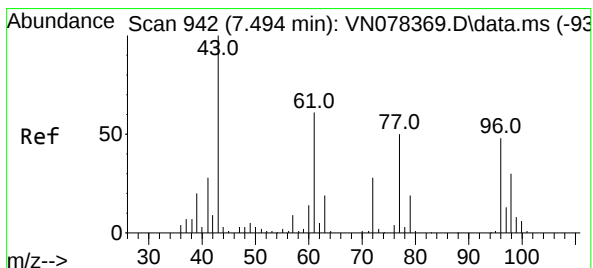
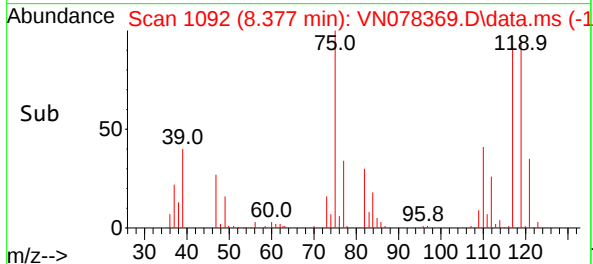
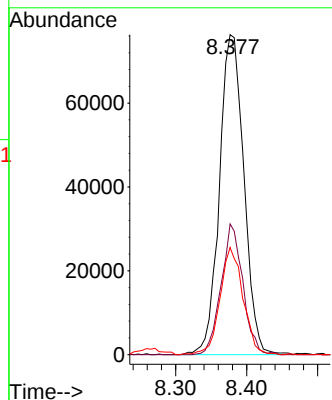
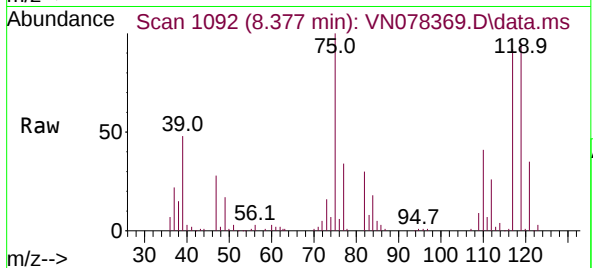
Tgt Ion: 75 Resp: 182382

Ion Ratio Lower Upper

75 100

110 36.1 0.0 72.2

77 31.4 0.0 62.8



#30

2-Butanone

Concen: 105.453 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

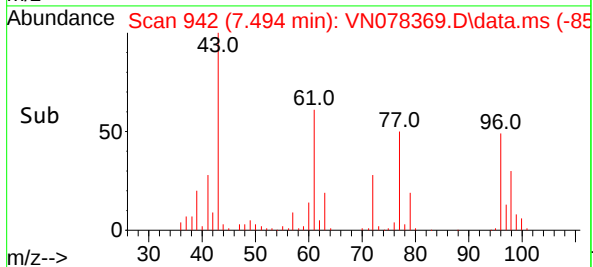
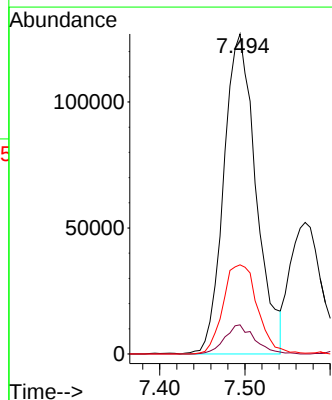
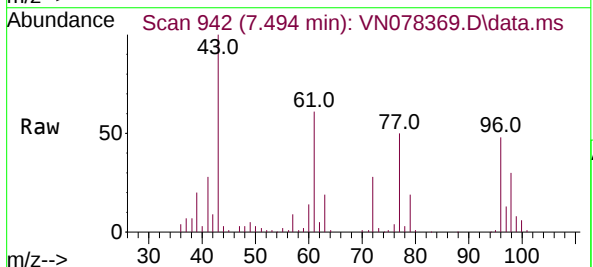
Tgt Ion: 43 Resp: 333957

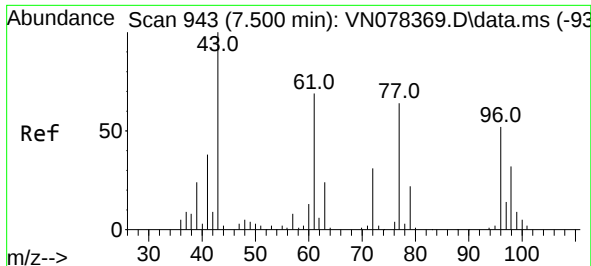
Ion Ratio Lower Upper

43 100

57 8.5 6.8 10.2

72 29.7 23.8 35.6





#31

2,2-Dichloropropane

Concen: 20.637 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

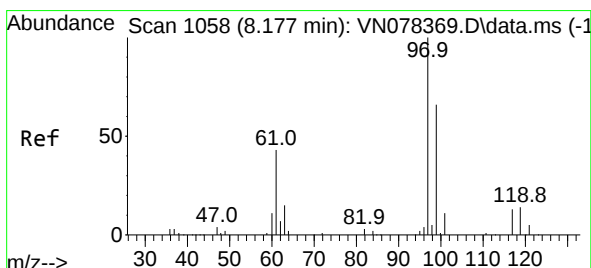
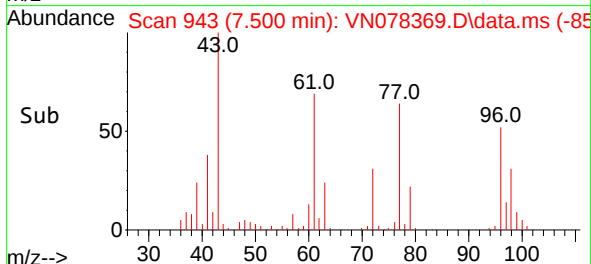
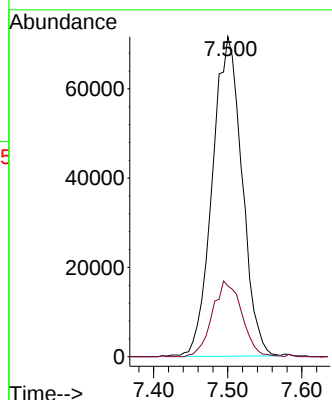
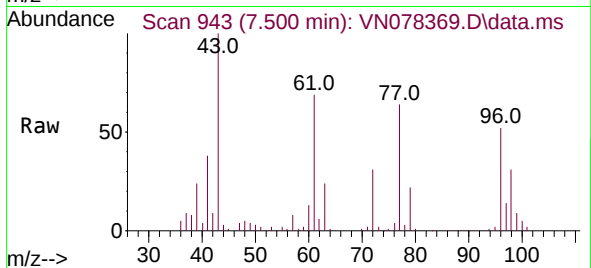
VSTDICCC020

Tgt Ion: 77 Resp: 199359

Ion Ratio Lower Upper

77 100

97 23.5 18.8 28.2



#32

1,1,1-Trichloroethane

Concen: 19.909 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

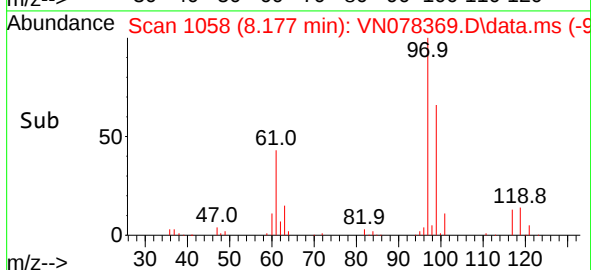
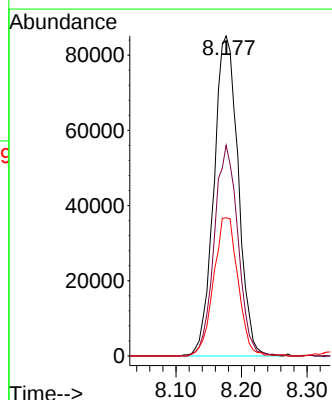
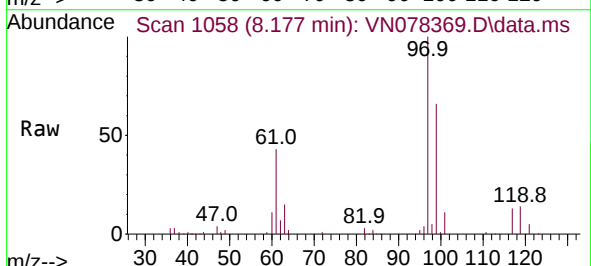
Tgt Ion: 97 Resp: 219177

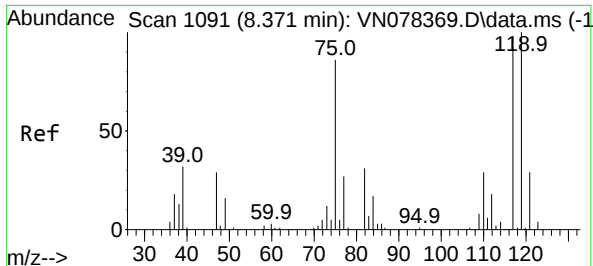
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 43.3 34.6 52.0

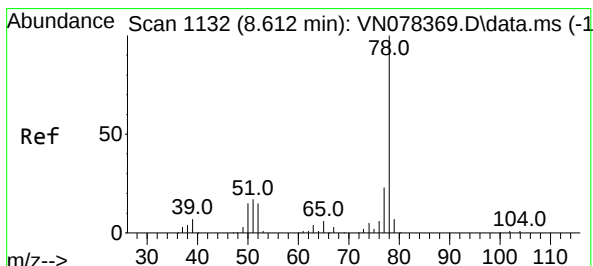
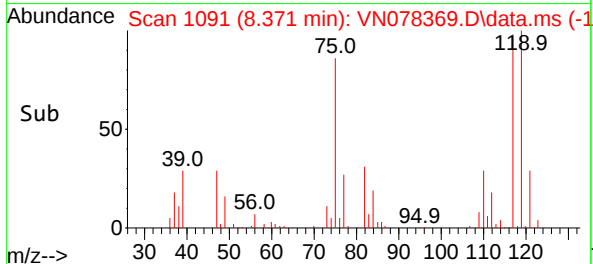
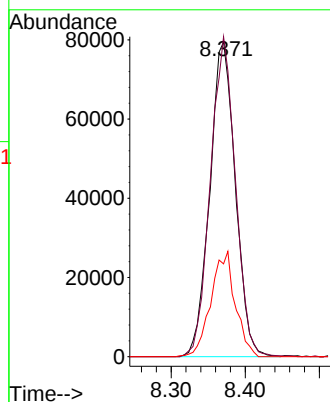
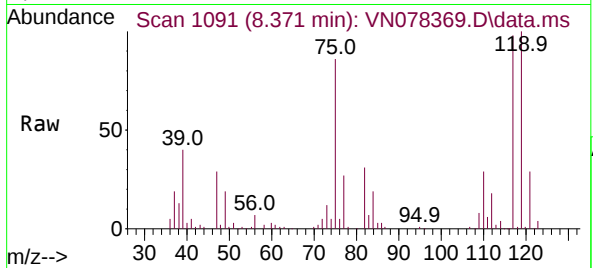




#33
Carbon Tetrachloride
Concen: 19.815 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

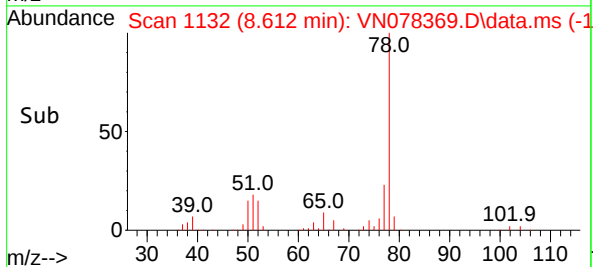
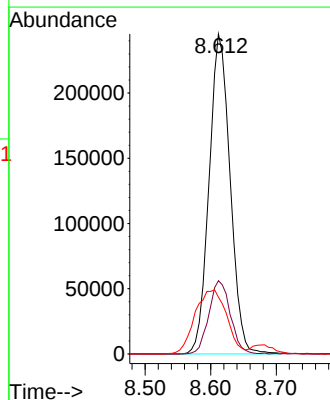
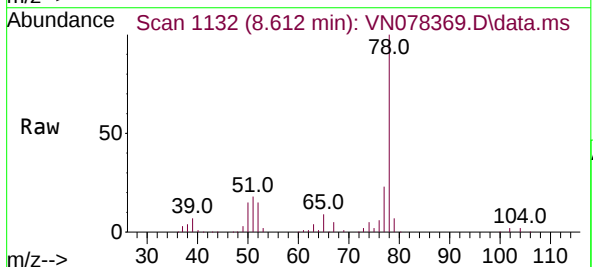
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

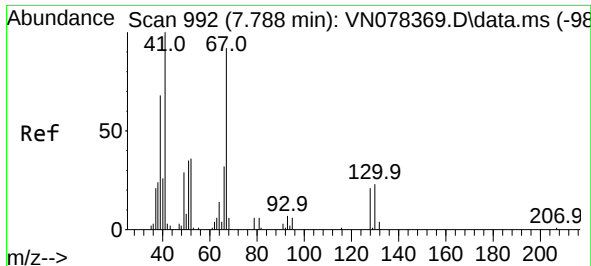
Tgt Ion:117 Resp: 190198
Ion Ratio Lower Upper
117 100
119 101.7 81.4 122.0
121 29.5 23.6 35.4



#34
Benzene
Concen: 20.288 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 78 Resp: 546607
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5
51 17.1 13.7 20.5

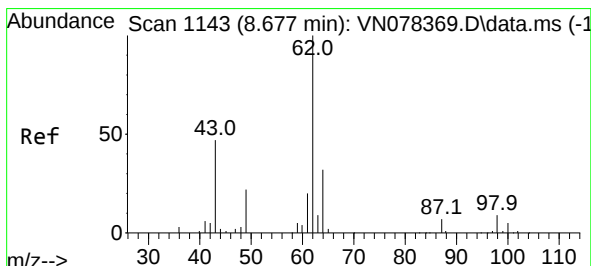
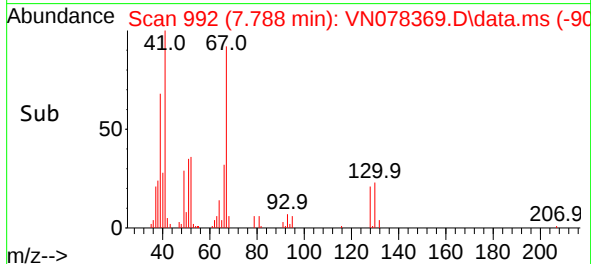
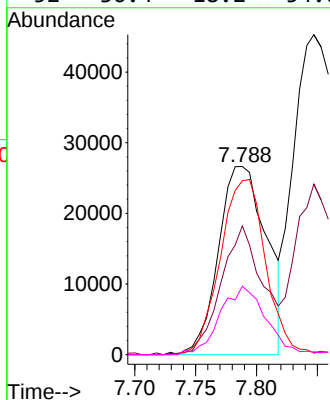
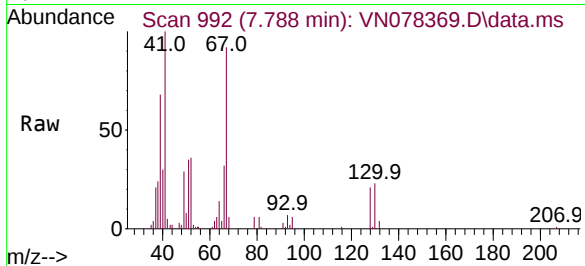




#35
Methacrylonitrile
Concen: 20.069 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

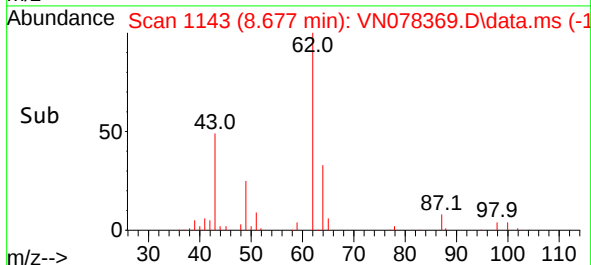
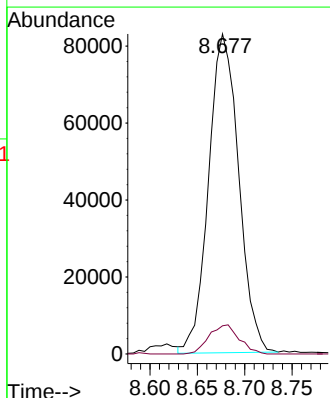
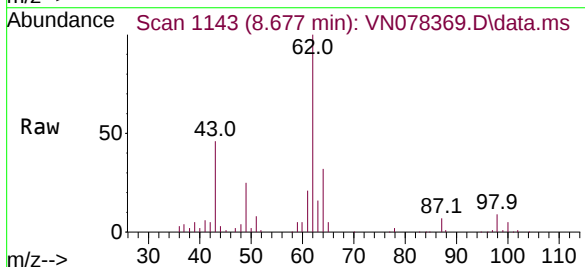
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

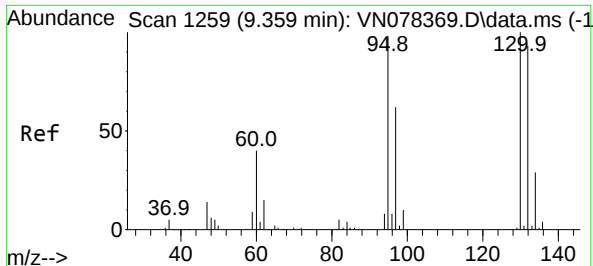
Tgt Ion:	41	Resp:	72935
Ion Ratio	Lower	Upper	
41	100		
39	67.7	33.9	101.6
67	91.7	45.9	137.6
52	36.4	18.2	54.6



#36
1,2-Dichloroethane
Concen: 19.972 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion:	62	Resp:	183464
Ion Ratio	Lower	Upper	
62	100		
98	9.2	7.4	11.0





#37

Trichloroethene

Concen: 20.708 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

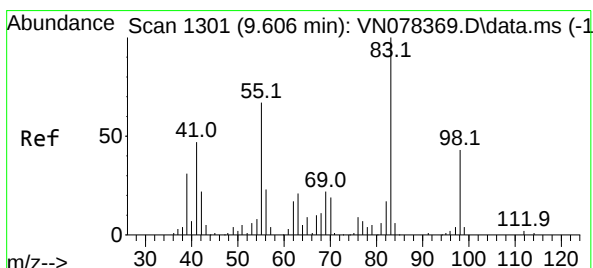
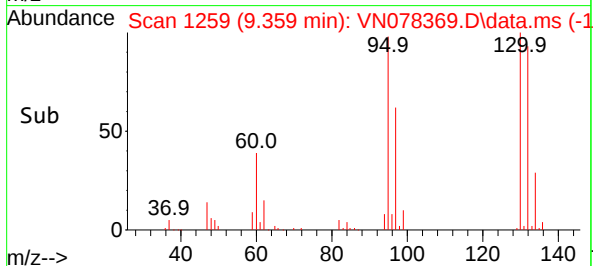
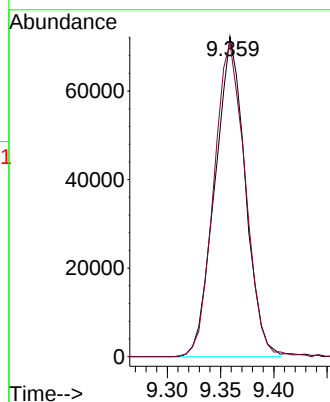
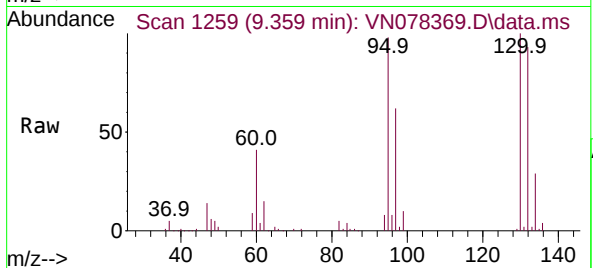
VSTDICCC020

Tgt Ion:130 Resp: 142546

Ion Ratio Lower Upper

130 100

95 97.8 78.2 117.4



#38

Methylcyclohexane

Concen: 20.899 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

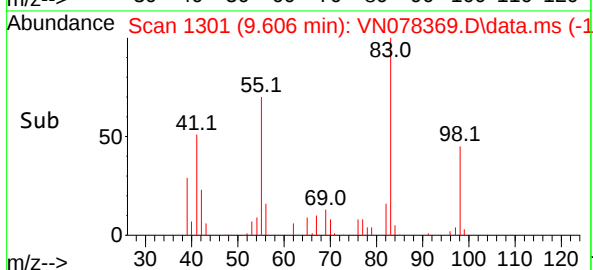
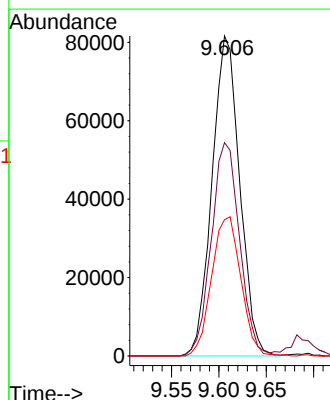
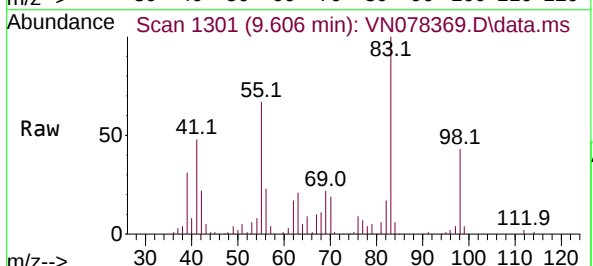
Tgt Ion: 83 Resp: 165898

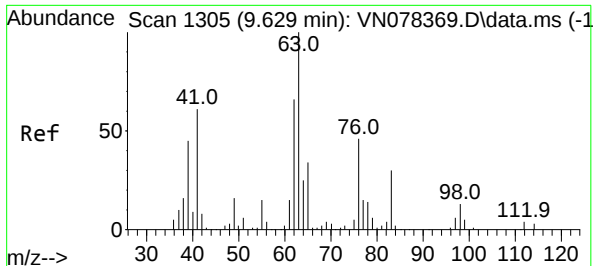
Ion Ratio Lower Upper

83 100

55 68.0 34.0 102.0

98 46.0 23.0 69.0





#39

1,2-Dichloropropane

Concen: 20.311 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

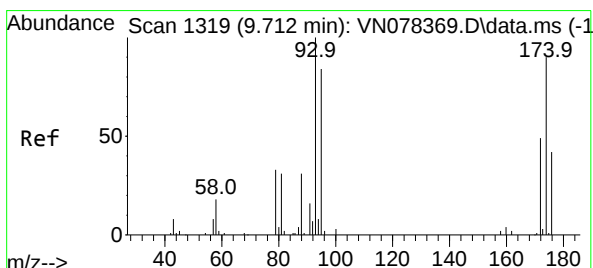
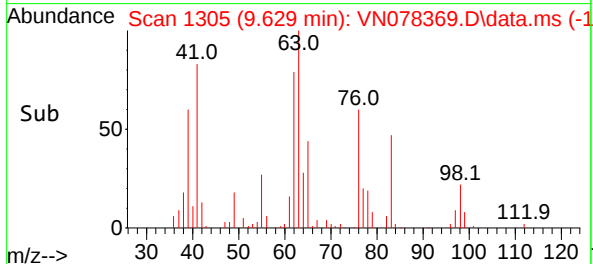
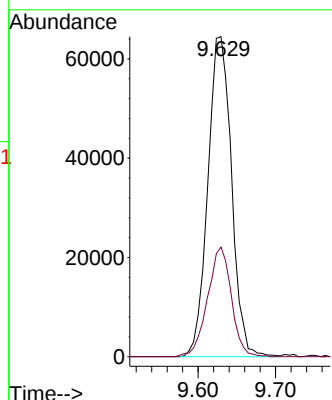
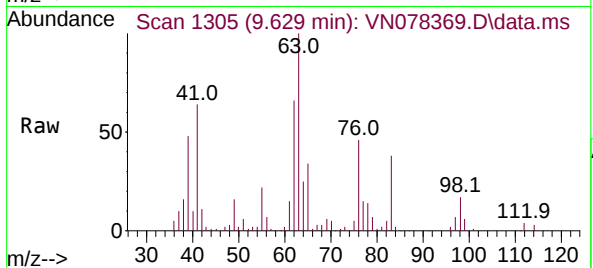
VSTDICCC020

Tgt Ion: 63 Resp: 137080

Ion Ratio Lower Upper

63 100

65 34.3 27.4 41.2



#40

Dibromomethane

Concen: 19.860 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

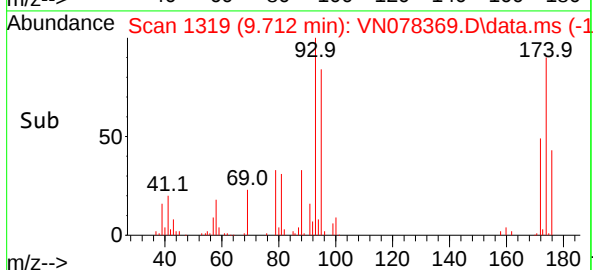
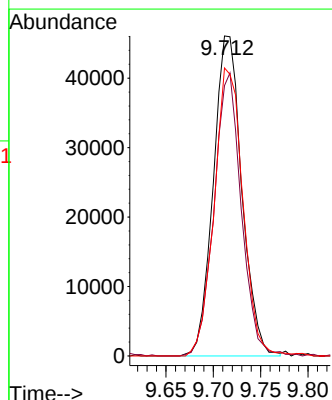
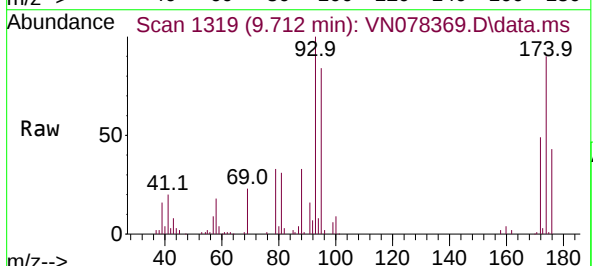
Tgt Ion: 93 Resp: 96722

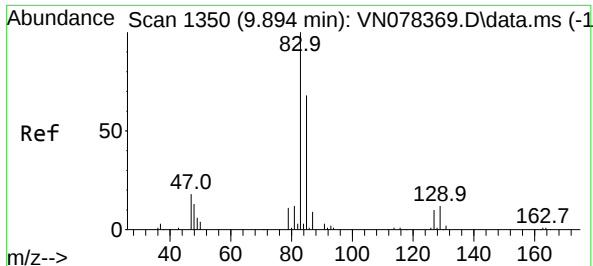
Ion Ratio Lower Upper

93 100

95 83.9 0.0 167.8

174 90.4 0.0 180.8

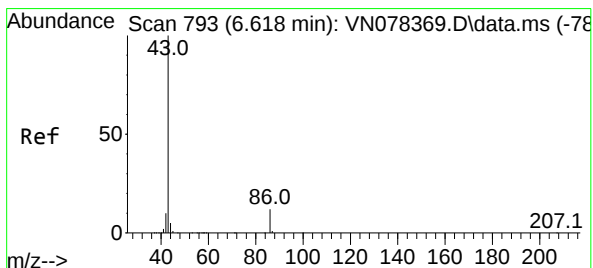
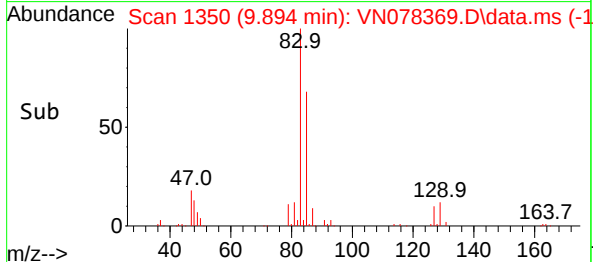
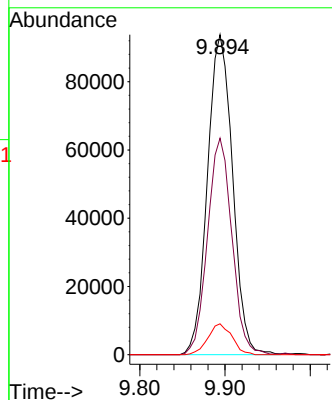
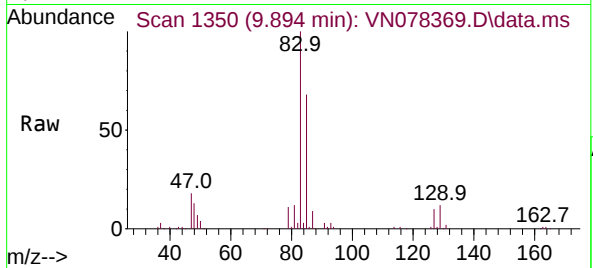




#41
Bromodichloromethane
Concen: 20.300 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

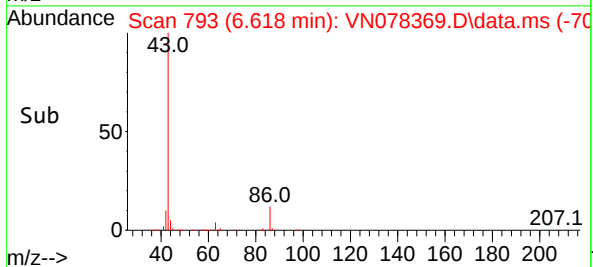
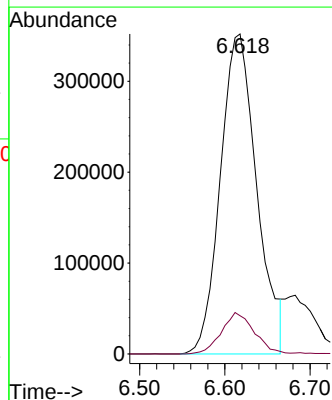
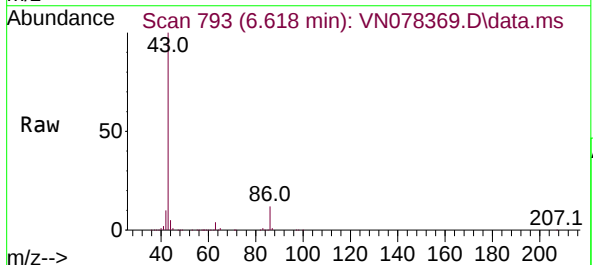
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

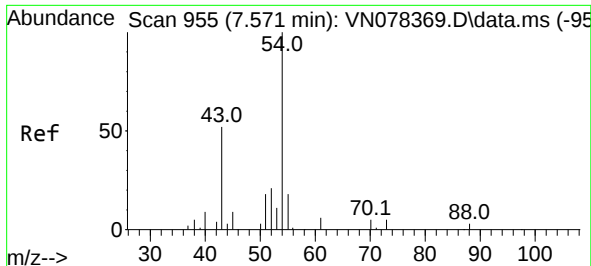
Tgt Ion: 83 Resp: 192061
Ion Ratio Lower Upper
83 100
85 67.6 54.1 81.1
127 9.7 7.8 11.6



#42
Vinyl Acetate
Concen: 103.579 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 43 Resp: 1044938
Ion Ratio Lower Upper
43 100
86 11.7 9.4 14.0

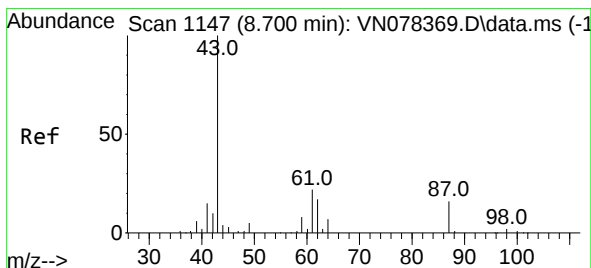
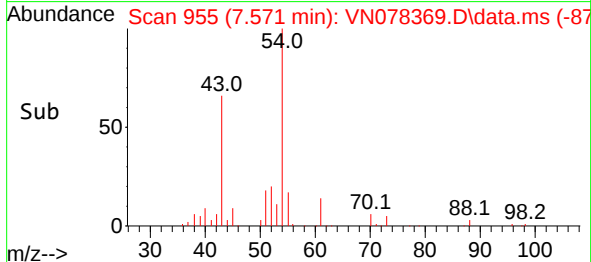
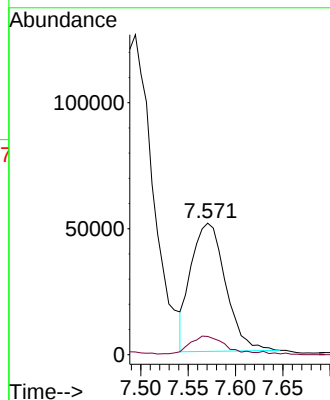
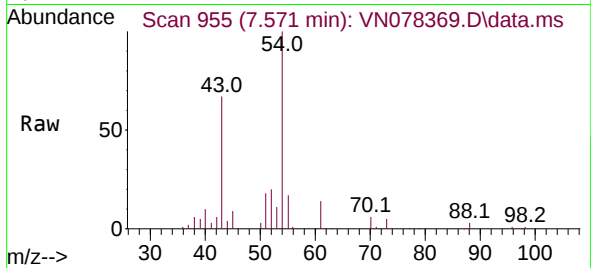




#43
Ethyl Acetate
Concen: 19.896 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

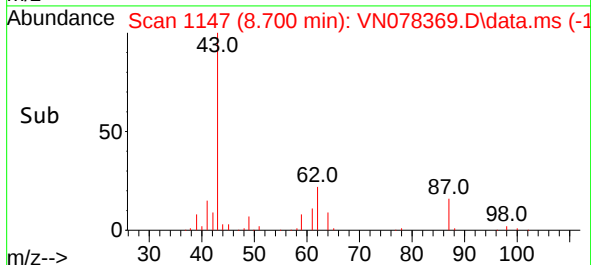
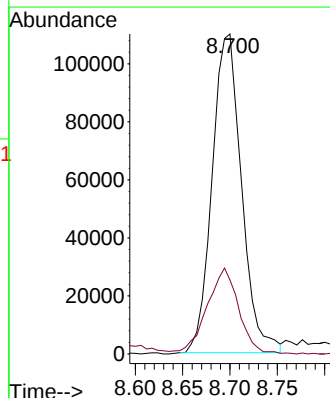
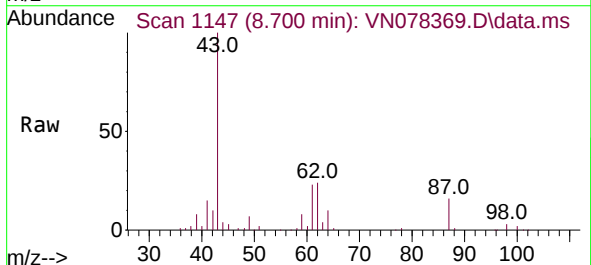
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

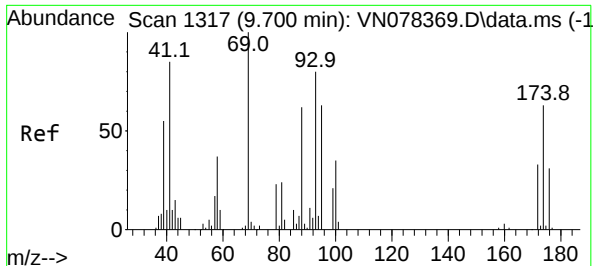
Tgt Ion: 43 Resp: 129237
Ion Ratio Lower Upper
43 100
45 13.6 10.9 16.3



#44
Isopropyl Acetate
Concen: 19.723 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 43 Resp: 237538
Ion Ratio Lower Upper
43 100
61 28.8 23.0 34.6

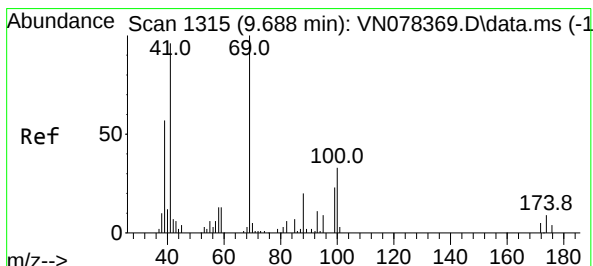
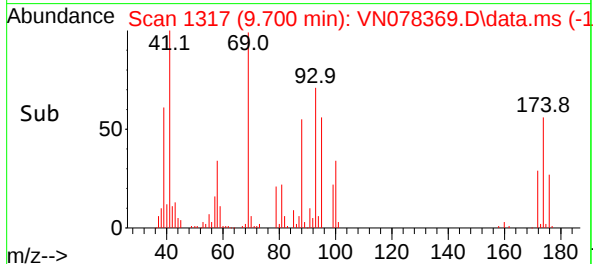
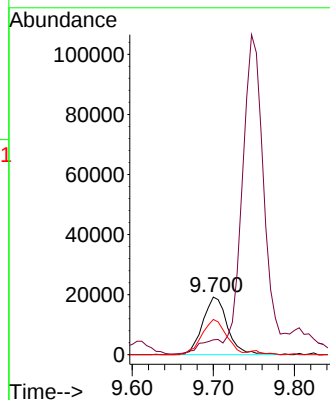
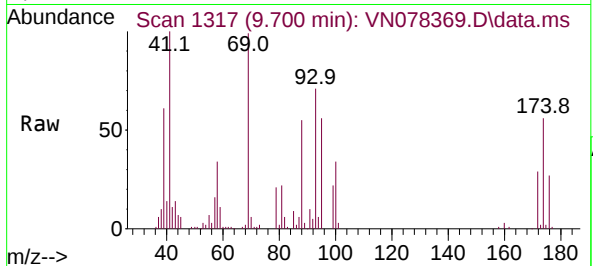




#45
1,4-Dioxane
Concen: 391.630 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

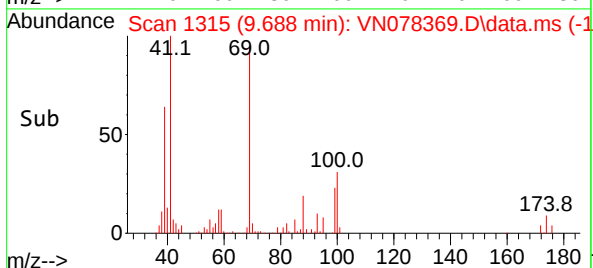
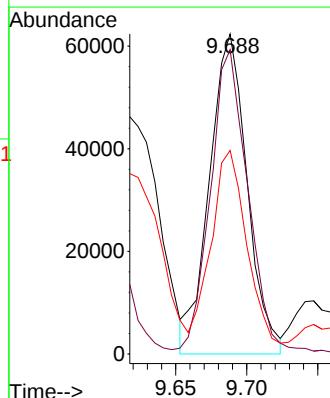
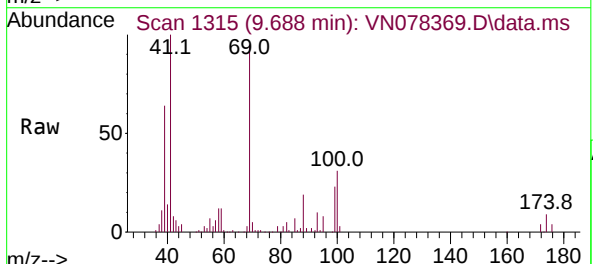
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

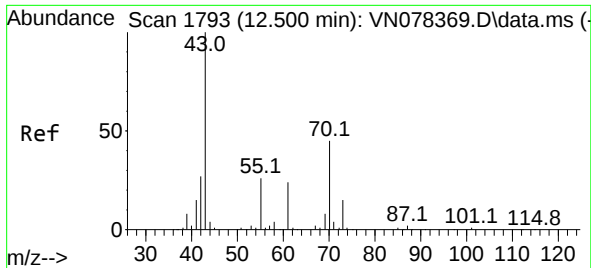
Tgt Ion: 88 Resp: 40629
Ion Ratio Lower Upper
88 100
43 23.8 19.0 28.6
58 60.2 48.2 72.2



#46
Methyl methacrylate
Concen: 21.509 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 41 Resp: 115310
Ion Ratio Lower Upper
41 100
69 98.0 49.0 147.0
39 63.2 31.6 94.8

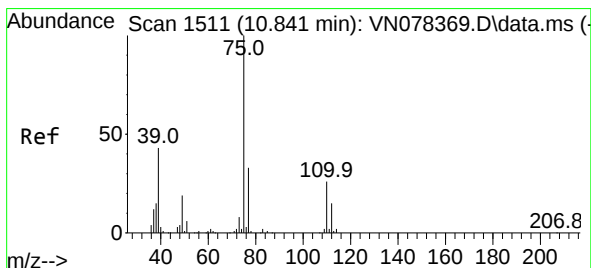
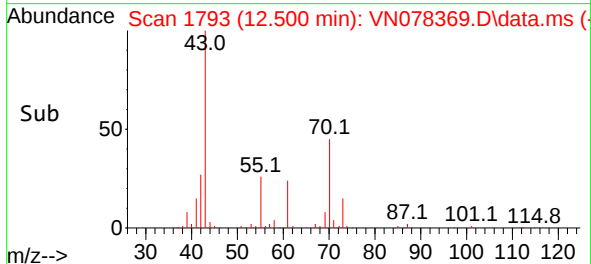
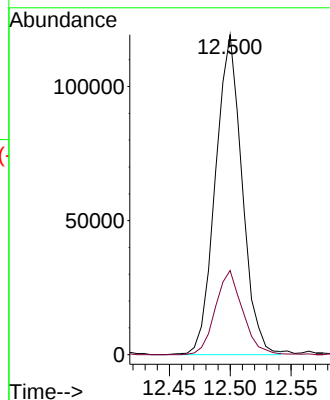
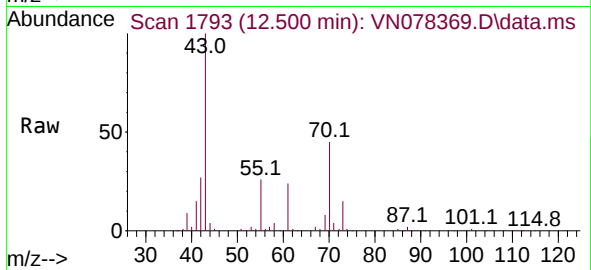




#47
n-amy1 Acetate
Concen: 20.544 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

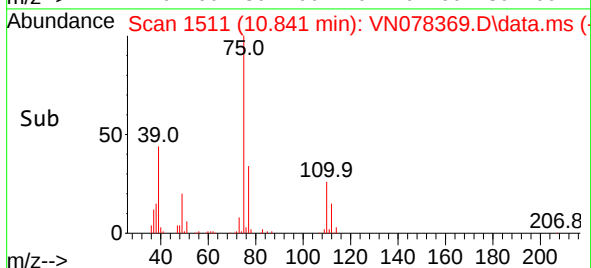
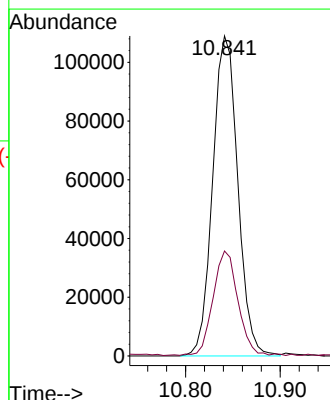
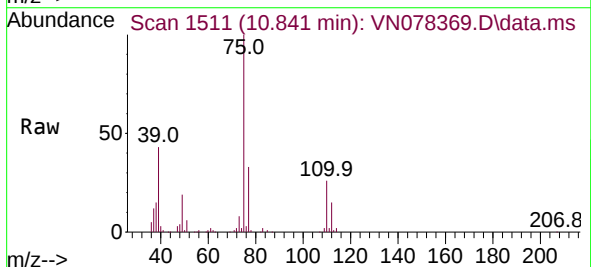
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

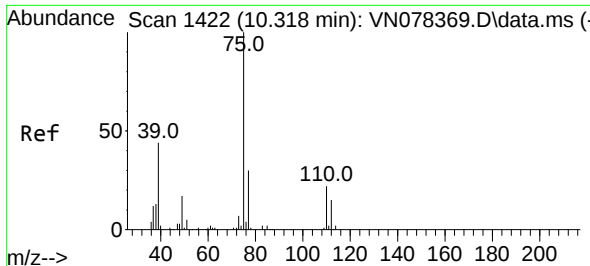
Tgt Ion: 43 Resp: 181884
Ion Ratio Lower Upper
43 100
55 26.9 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 20.663 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 75 Resp: 200680
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 20.707 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

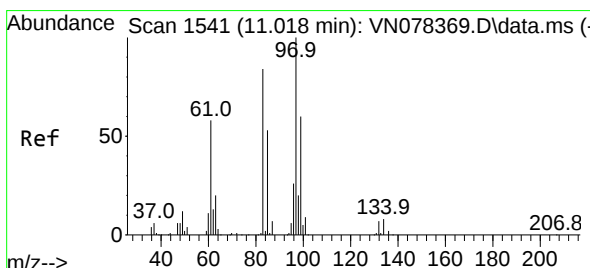
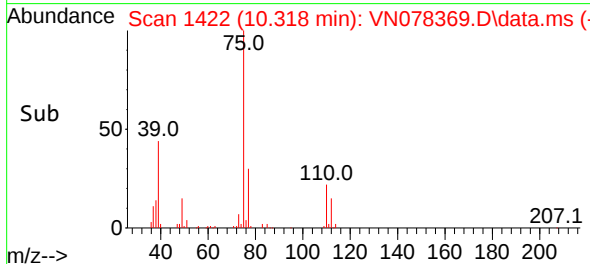
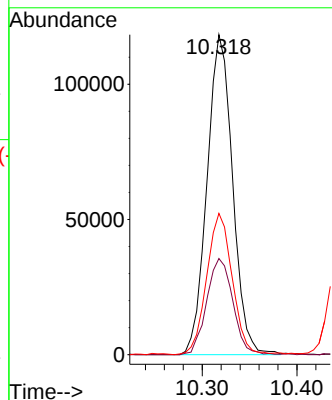
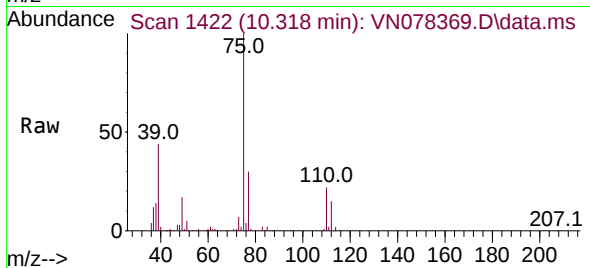
Tgt Ion: 75 Resp: 221677

Ion Ratio Lower Upper

75 100

77 30.0 24.0 36.0

39 43.9 35.1 52.7



#50

1,1,2-Trichloroethane

Concen: 20.579 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Tgt Ion: 97 Resp: 134356

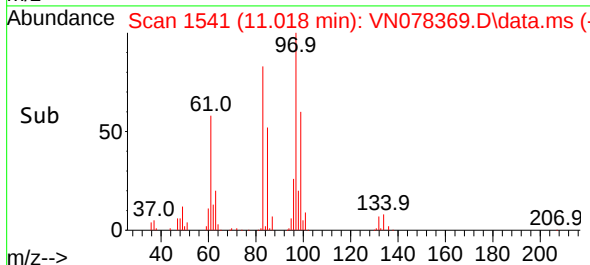
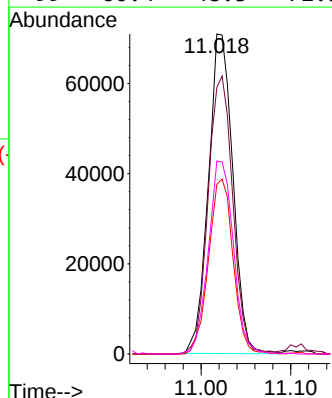
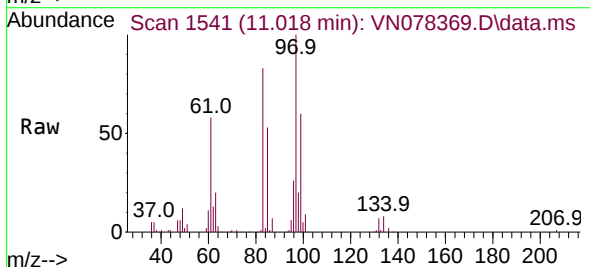
Ion Ratio Lower Upper

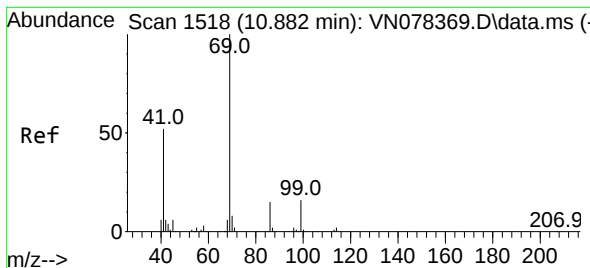
97 100

83 83.5 66.8 100.2

85 53.1 42.5 63.7

99 60.4 48.3 72.5

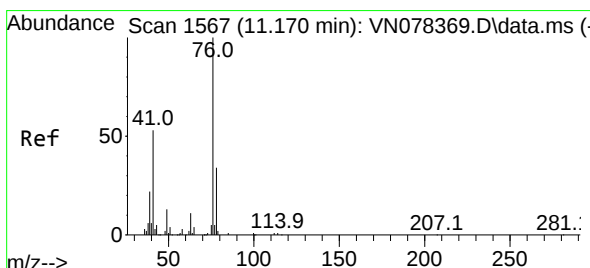
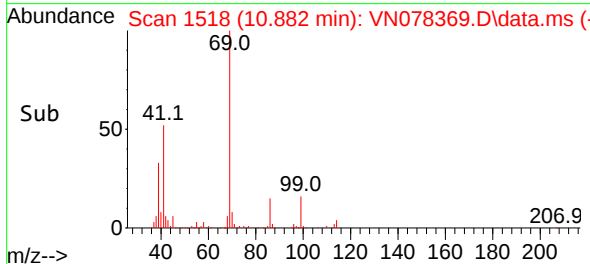
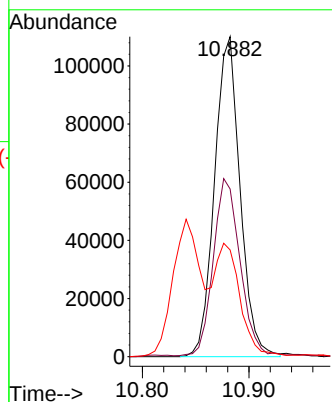
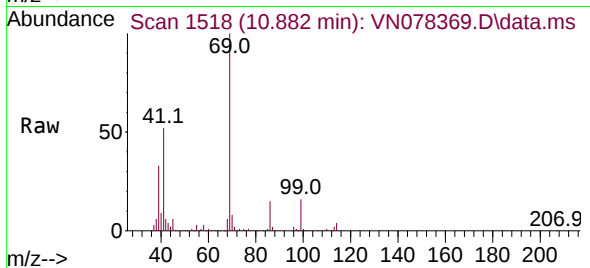




#51
Ethyl methacrylate
Concen: 20.498 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

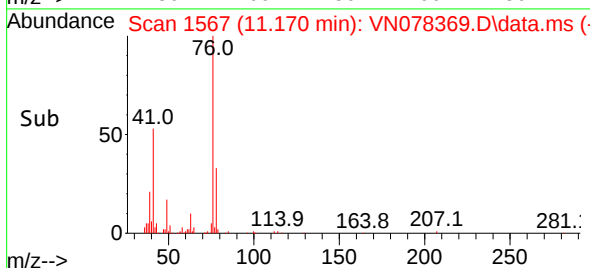
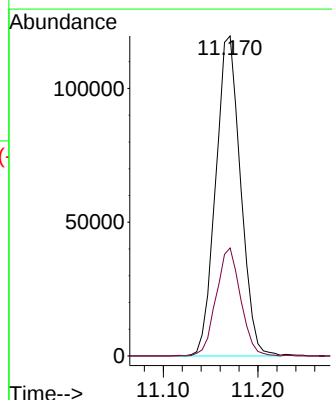
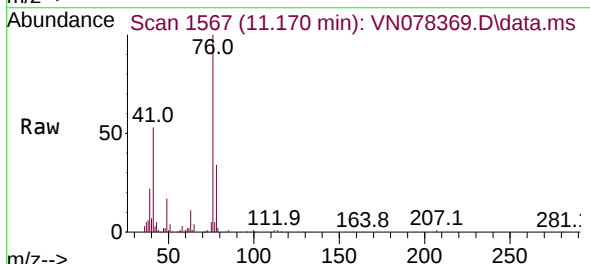
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

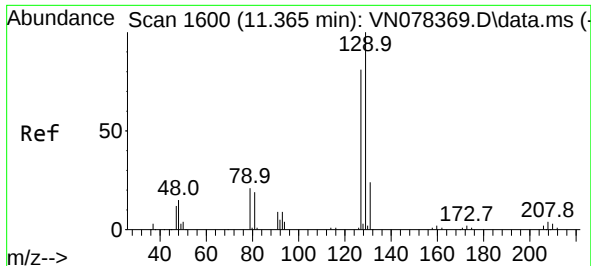
Tgt Ion: 69 Resp: 183076
Ion Ratio Lower Upper
69 100
41 52.0 26.0 78.0
39 32.6 16.3 48.9



#52
1,3-Dichloropropane
Concen: 19.957 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 76 Resp: 218680
Ion Ratio Lower Upper
76 100
78 33.1 0.0 66.2

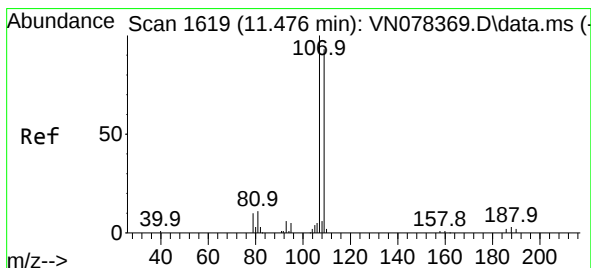
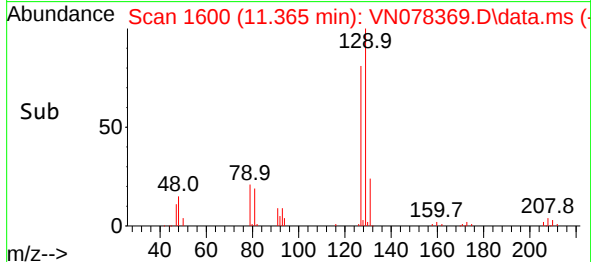
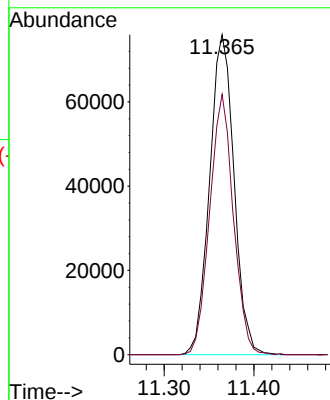
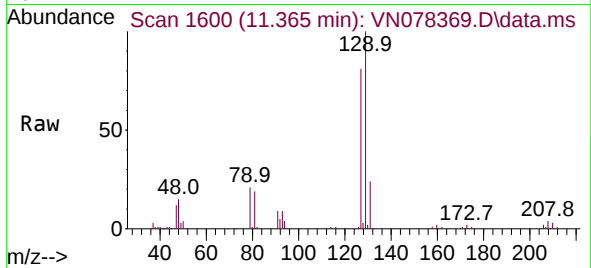




#53
Dibromochloromethane
Concen: 20.760 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

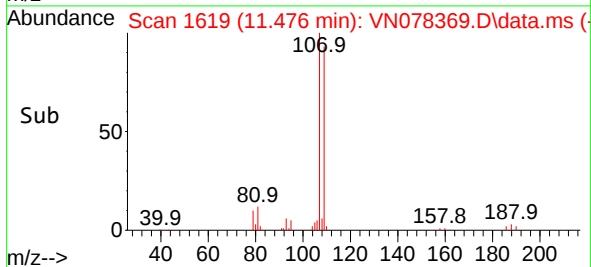
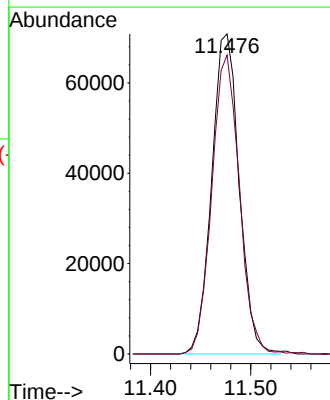
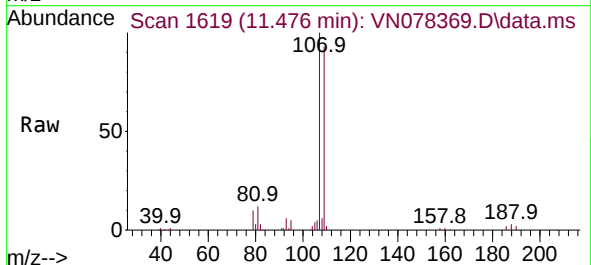
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

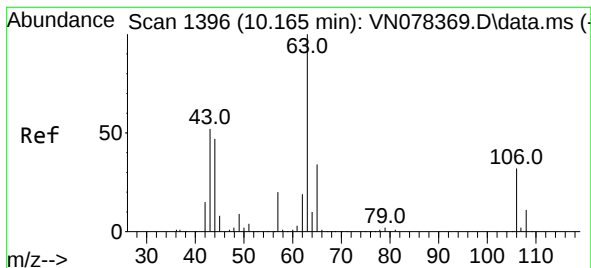
Tgt Ion:129 Resp: 143764
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1



#54
1,2-Dibromoethane
Concen: 20.473 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion:107 Resp: 134720
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

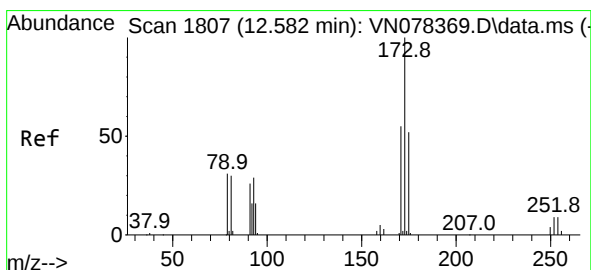
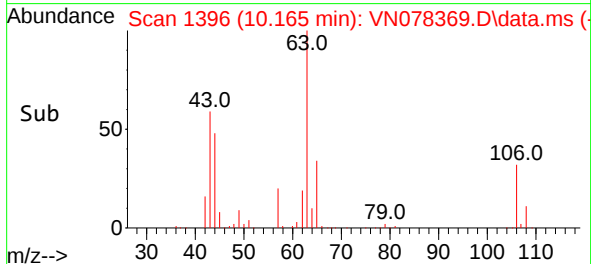
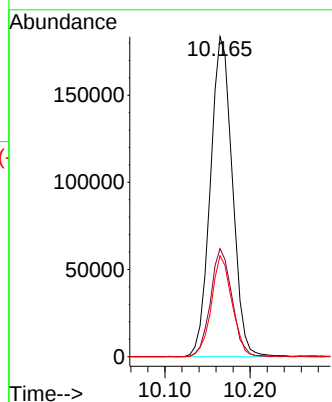
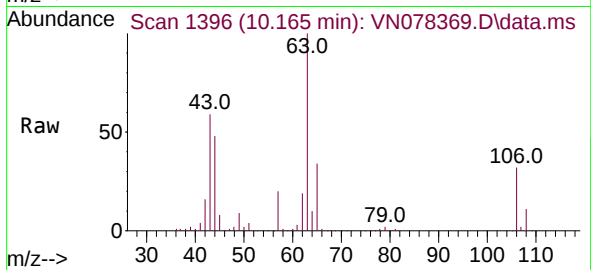




#55
2-Chloroethyl vinyl ether
Concen: 99.843 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

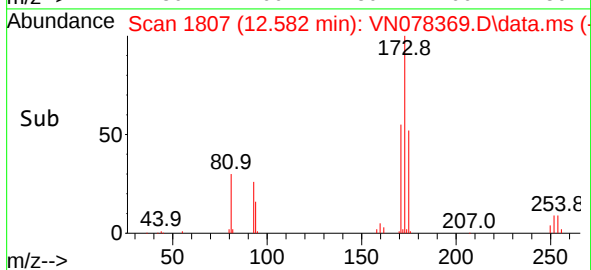
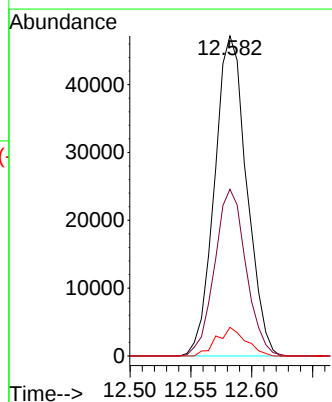
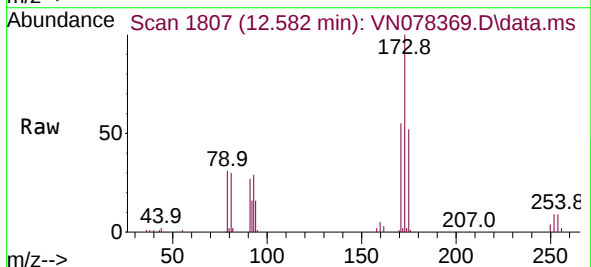
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

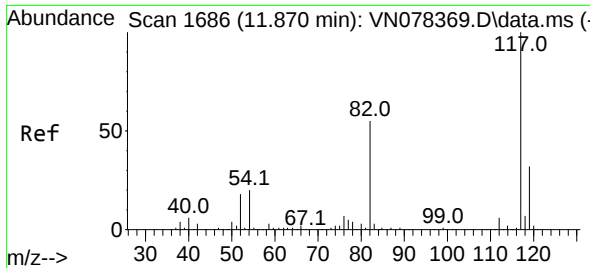
Tgt Ion: 63 Resp: 328991
Ion Ratio Lower Upper
63 100
65 32.9 26.3 39.5
106 29.7 23.8 35.6



#56
Bromoform
Concen: 20.385 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 173 Resp: 86408
Ion Ratio Lower Upper
173 100
175 50.9 40.7 61.1
254 8.1 6.5 9.7

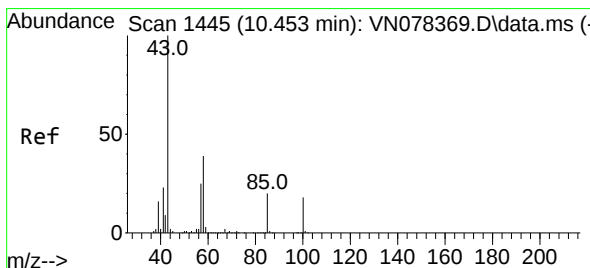
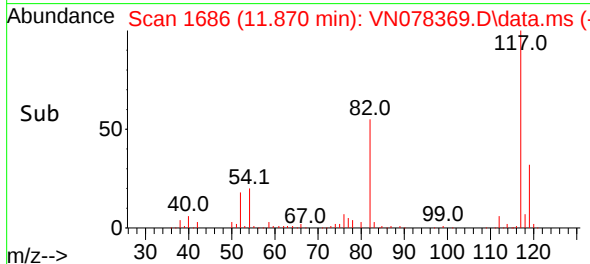
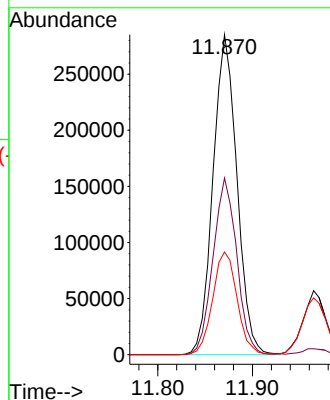
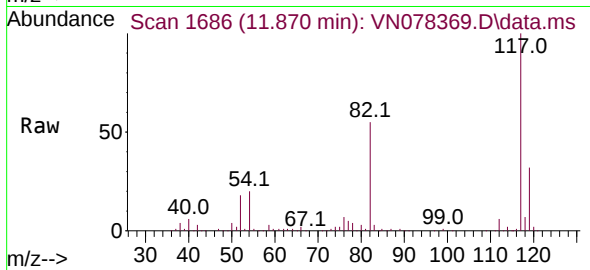




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

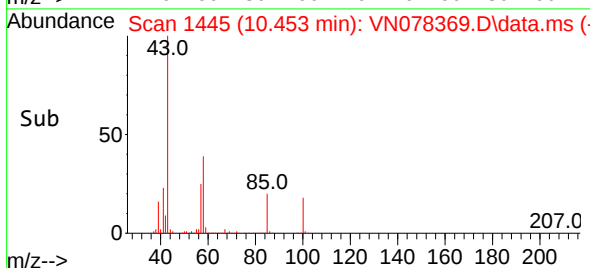
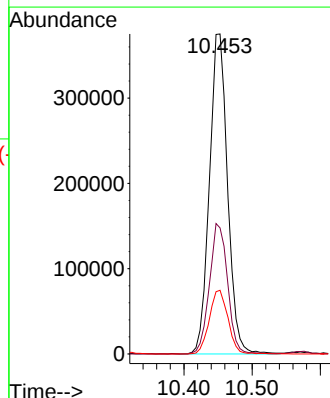
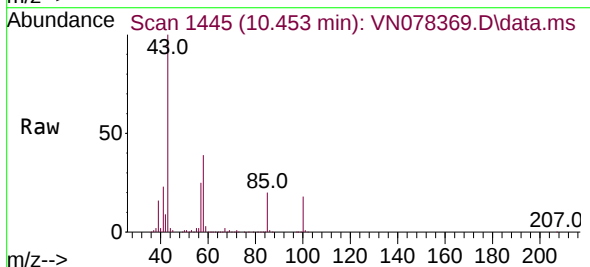
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

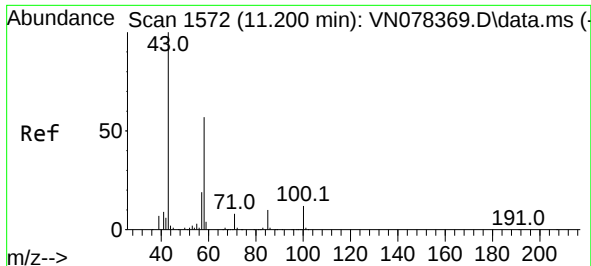
Tgt Ion:117 Resp: 501492
Ion Ratio Lower Upper
117 100
82 54.9 43.9 65.9
119 32.8 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 103.901 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 43 Resp: 695819
Ion Ratio Lower Upper
43 100
58 40.7 32.6 48.8
85 20.2 16.2 24.2

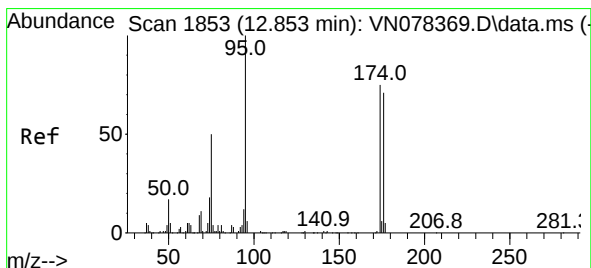
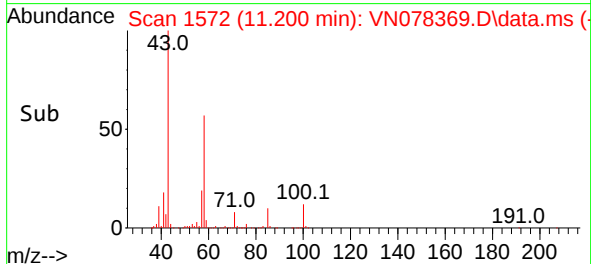
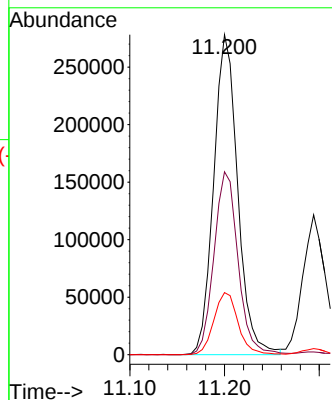
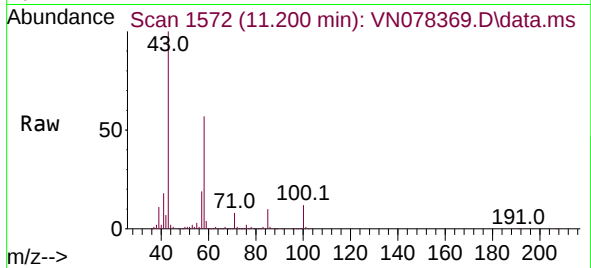




#59
2-Hexanone
Concen: 106.086 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

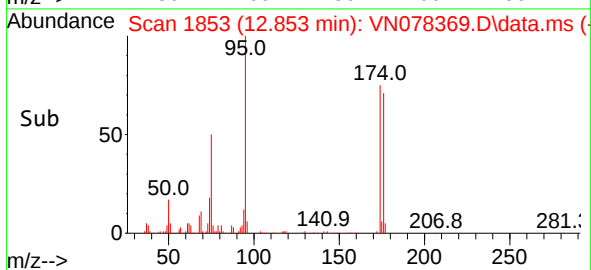
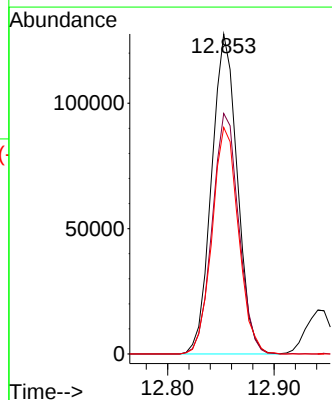
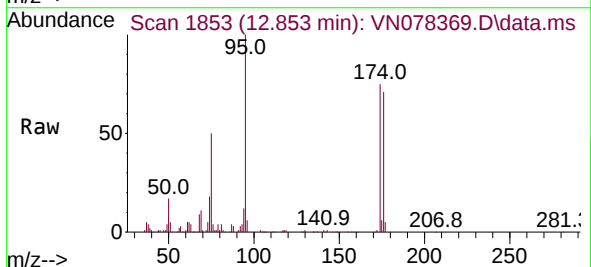
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

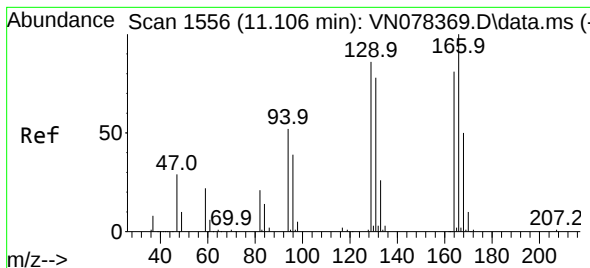
Tgt Ion: 43 Resp: 490664
Ion Ratio Lower Upper
43 100
58 57.4 45.9 68.9
57 19.7 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 30.274 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 95 Resp: 213901
Ion Ratio Lower Upper
95 100
174 77.1 61.7 92.5
176 72.6 58.1 87.1





#61

Tetrachloroethene

Concen: 20.127 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 110604

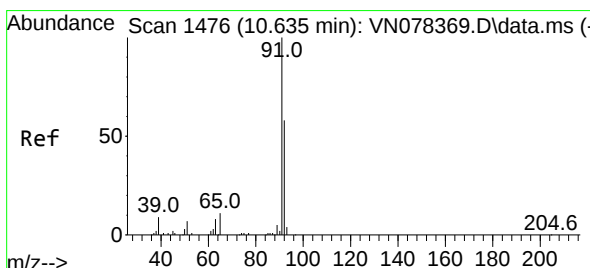
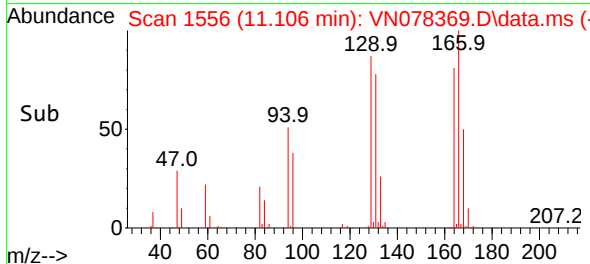
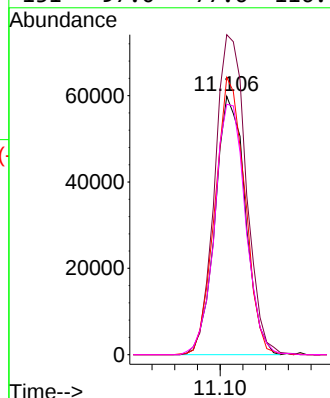
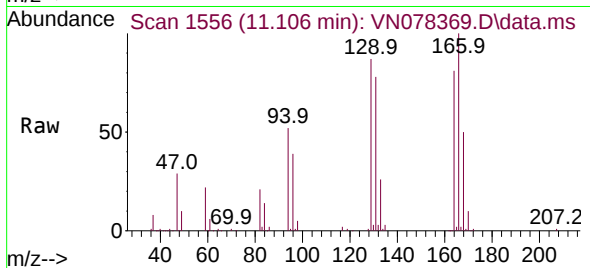
Ion Ratio Lower Upper

164 100

166 123.9 99.1 148.7

129 107.0 85.6 128.4

131 97.0 77.6 116.4



#62

Toluene

Concen: 20.783 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078369.D

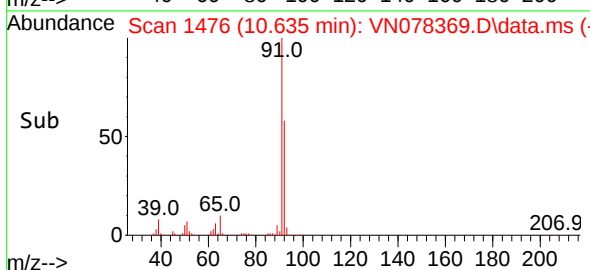
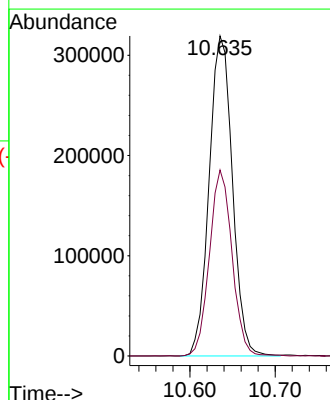
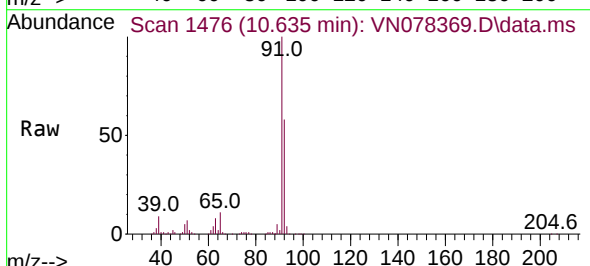
Acq: 23 Jun 2023 11:10

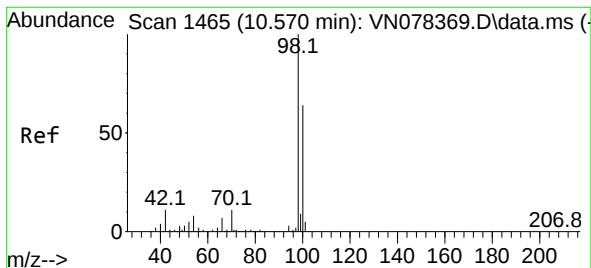
Tgt Ion: 91 Resp: 606584

Ion Ratio Lower Upper

91 100

92 56.5 45.2 67.8





#63

Toluene-d8

Concen: 30.022 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

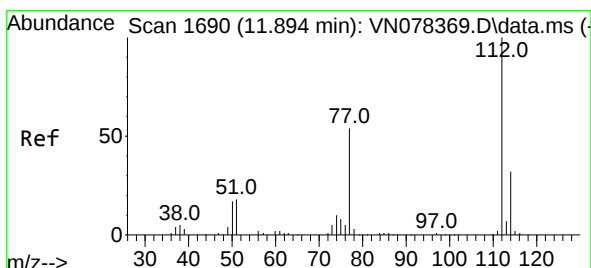
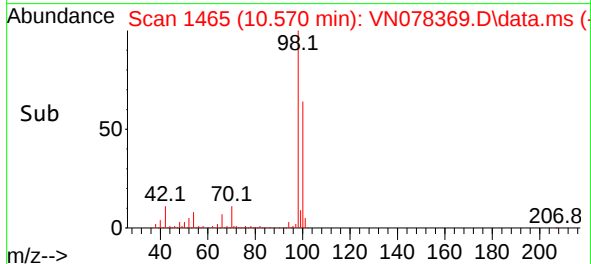
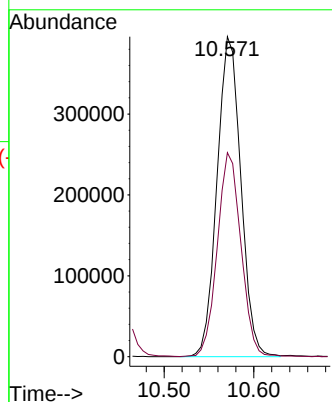
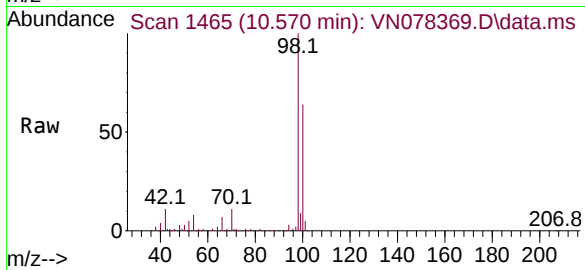
VSTDICCC020

Tgt Ion: 98 Resp: 729487

Ion Ratio Lower Upper

98 100

100 62.1 49.7 74.5



#64

Chlorobenzene

Concen: 20.648 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN078369.D

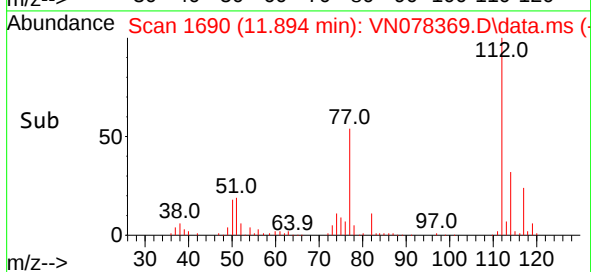
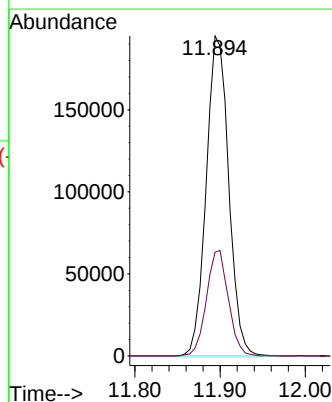
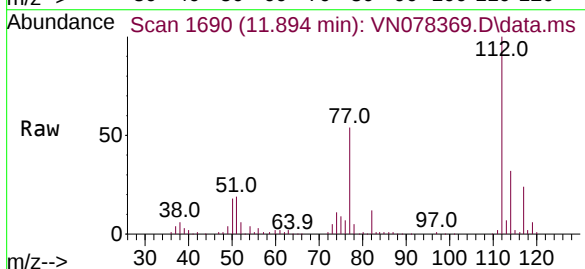
Acq: 23 Jun 2023 11:10

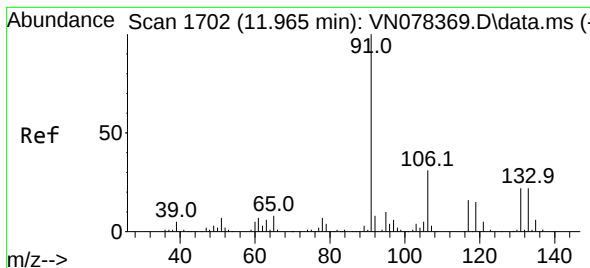
Tgt Ion: 112 Resp: 357190

Ion Ratio Lower Upper

112 100

114 32.4 25.9 38.9

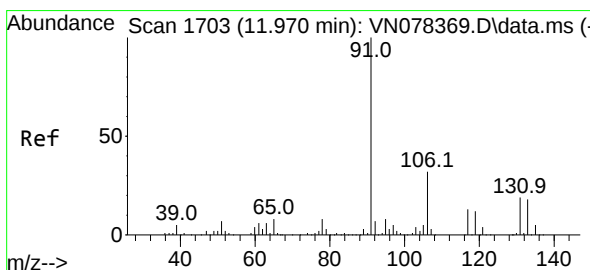
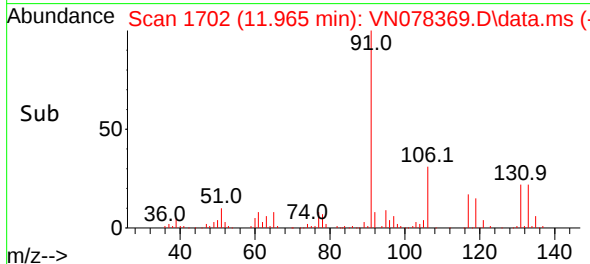
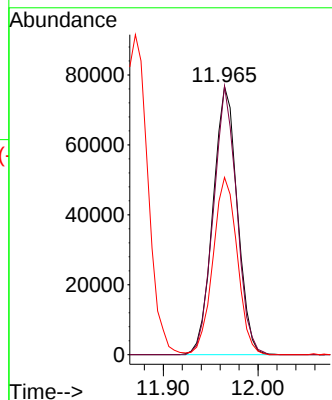
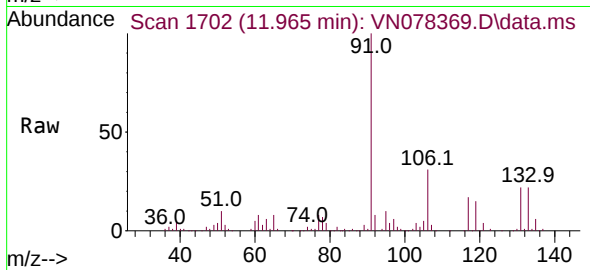




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.505 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN078369.D
 Acq: 23 Jun 2023 11:10

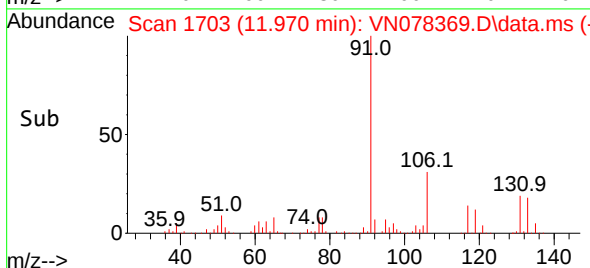
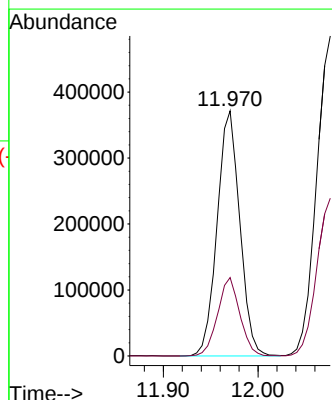
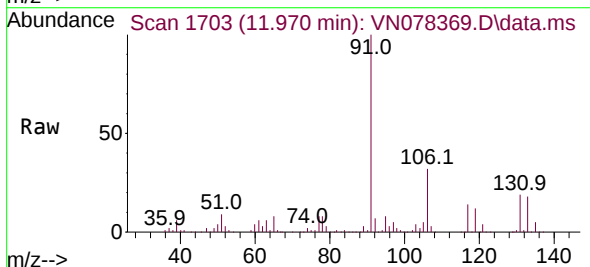
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

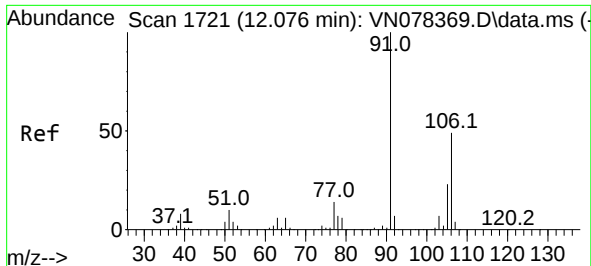
Tgt Ion:131 Resp: 136781
 Ion Ratio Lower Upper
 131 100
 133 95.9 0.0 191.8
 119 66.0 0.0 132.0



#66
 Ethyl Benzene
 Concen: 20.793 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: VN078369.D
 Acq: 23 Jun 2023 11:10

Tgt Ion: 91 Resp: 617507
 Ion Ratio Lower Upper
 91 100
 106 32.0 25.6 38.4

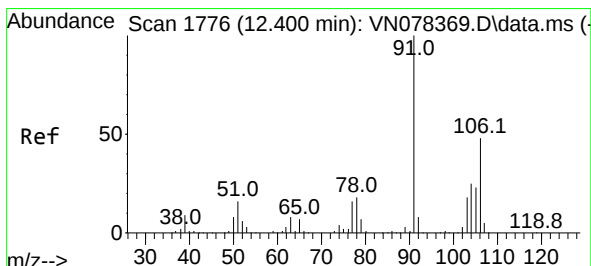
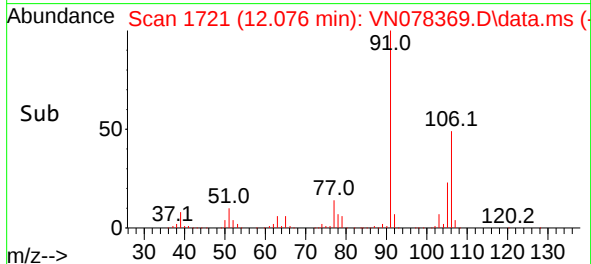
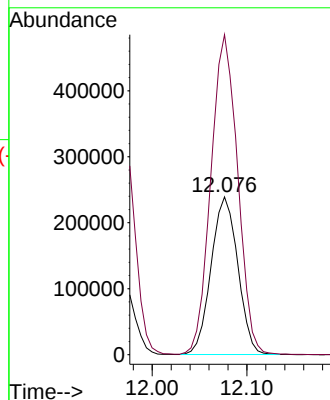
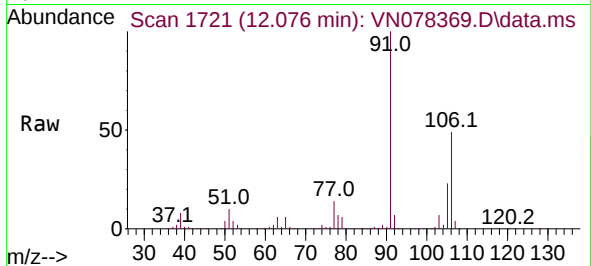




#67
m/p-Xylenes
Concen: 41.757 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

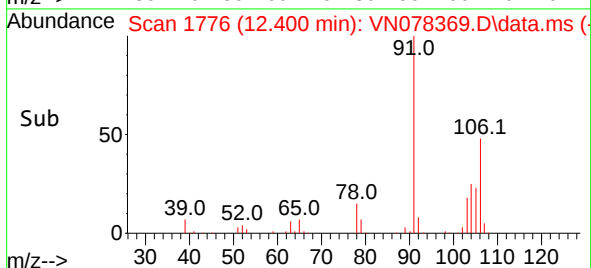
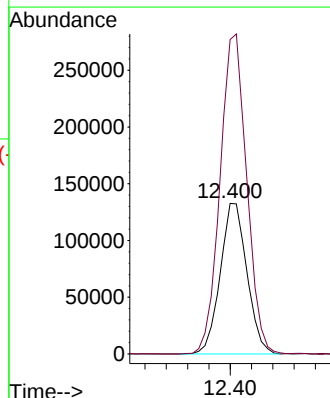
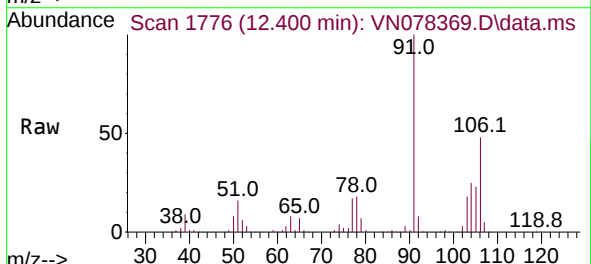
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

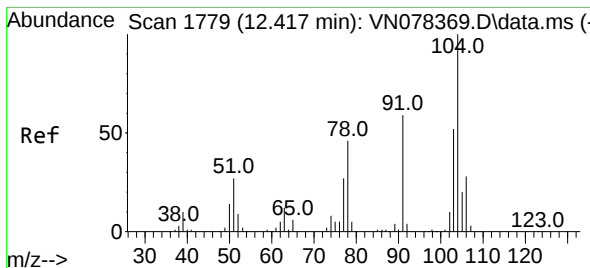
Tgt Ion:106 Resp: 468902
Ion Ratio Lower Upper
106 100
91 203.1 162.5 243.7



#68
o-Xylene
Concen: 21.186 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion:106 Resp: 230701
Ion Ratio Lower Upper
106 100
91 212.2 106.1 318.3





#69

Styrene

Concen: 20.996 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

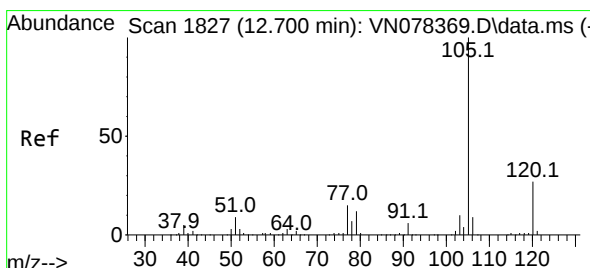
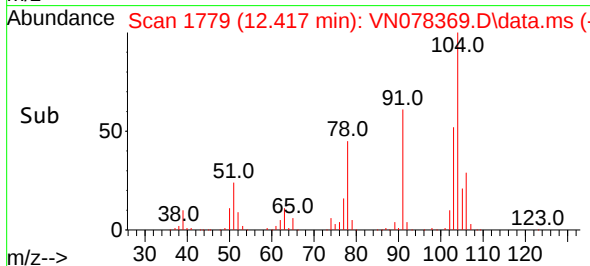
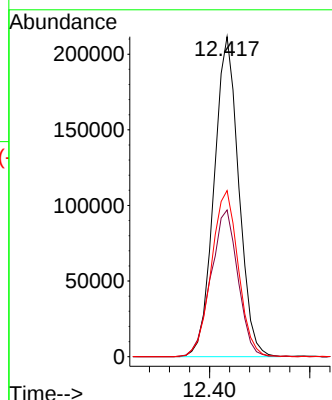
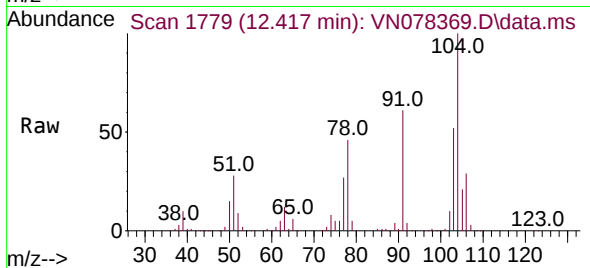
Tgt Ion:104 Resp: 361992

Ion Ratio Lower Upper

104 100

78 50.1 40.1 60.1

103 56.4 45.1 67.7



#70

Isopropylbenzene

Concen: 20.708 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078369.D

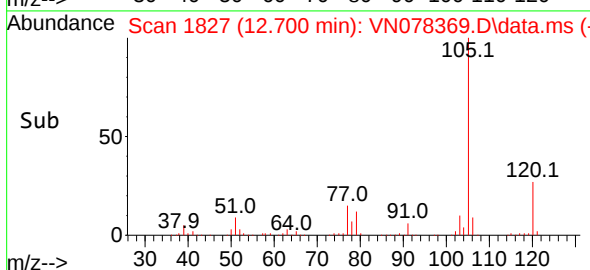
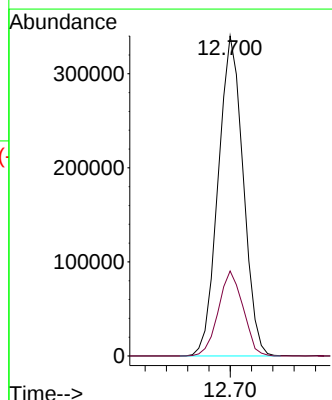
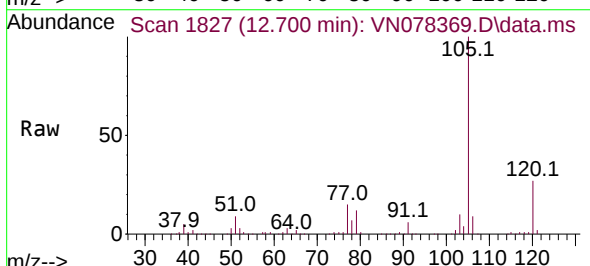
Acq: 23 Jun 2023 11:10

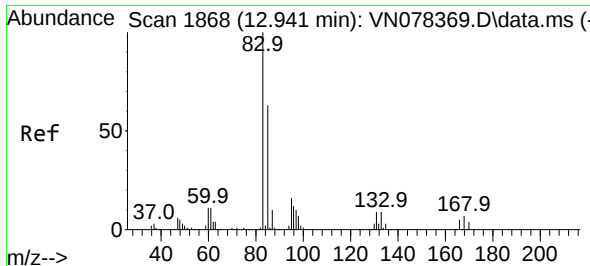
Tgt Ion:105 Resp: 554082

Ion Ratio Lower Upper

105 100

120 26.2 18.3 34.1

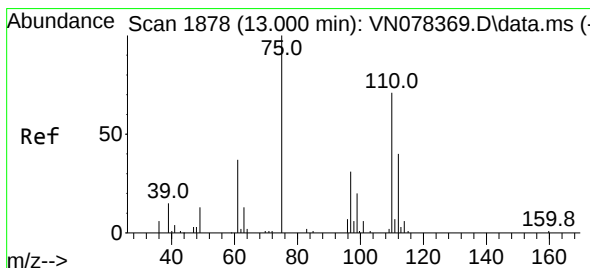
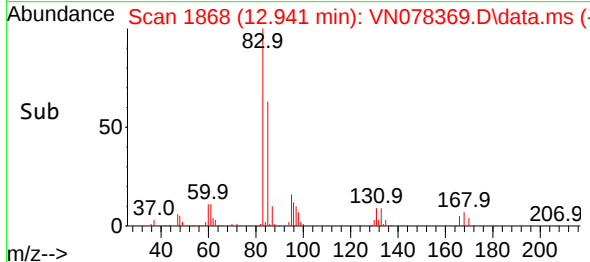
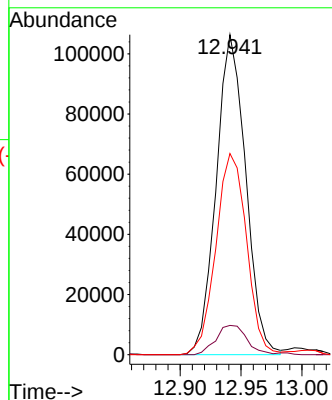
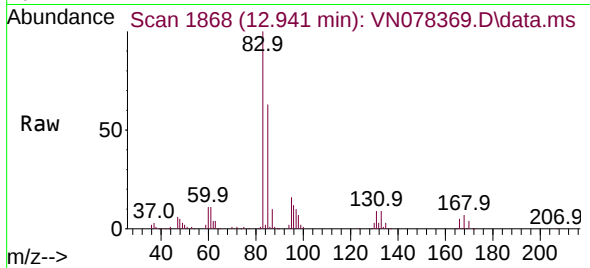




#71
1,1,2,2-Tetrachloroethane
Concen: 20.615 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

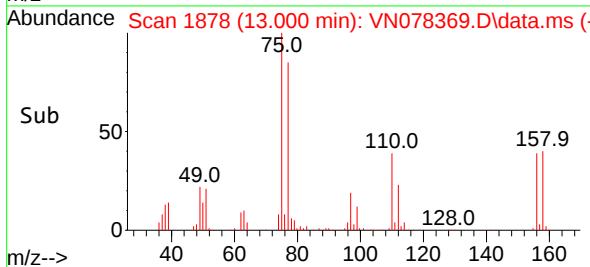
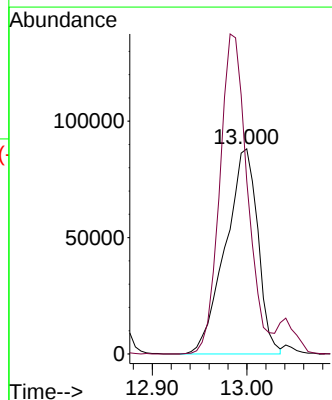
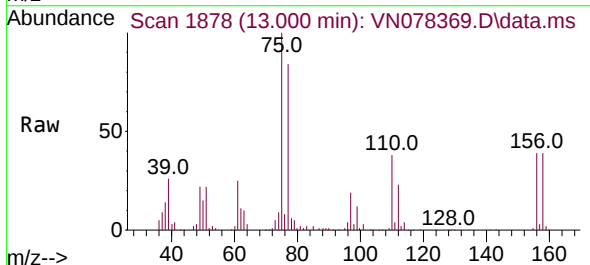
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

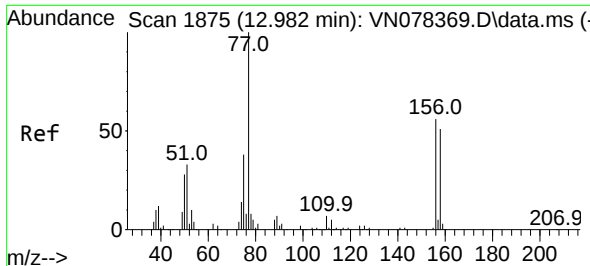
Tgt Ion: 83 Resp: 179372
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 65.3 32.6 98.0



#72
1,2,3-Trichloropropane
Concen: 27.258 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 75 Resp: 209071
Ion Ratio Lower Upper
75 100
77 134.1 0.0 387.4

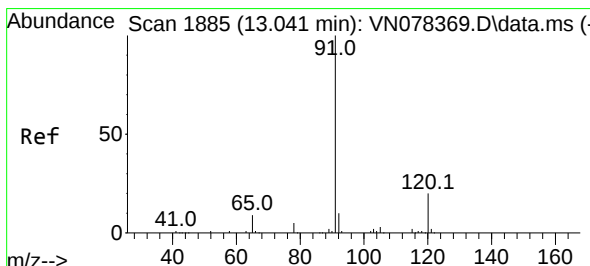
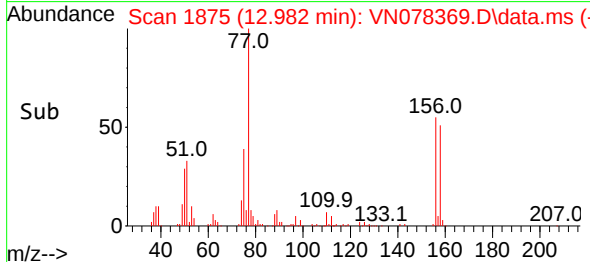
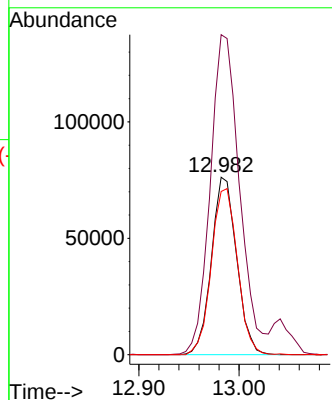
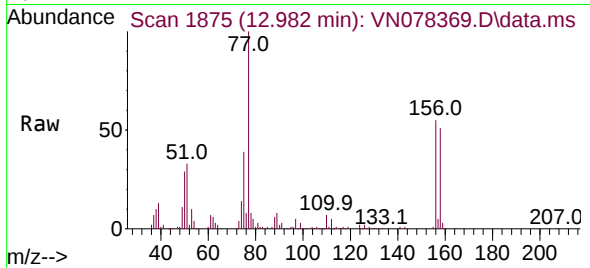




#73
Bromobenzene
Concen: 20.829 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

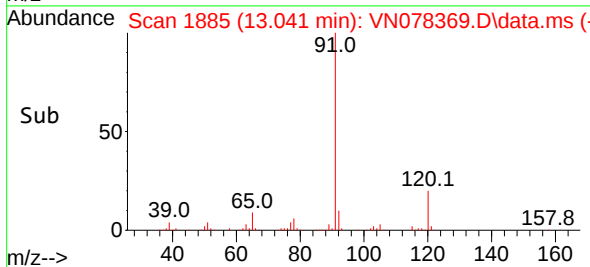
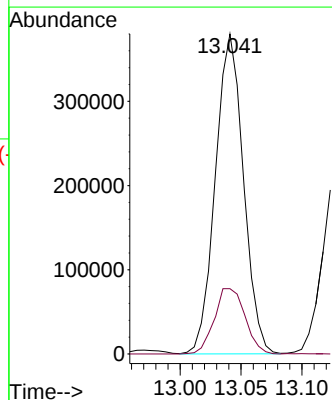
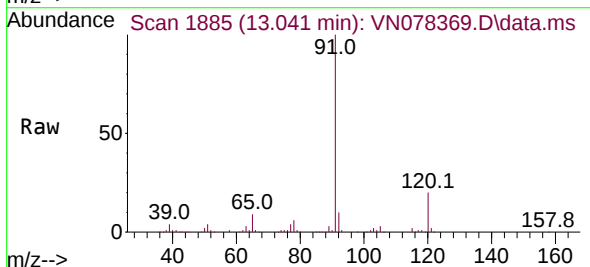
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

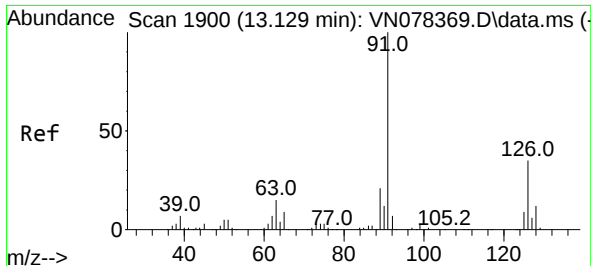
Tgt Ion:156 Resp: 133243
Ion Ratio Lower Upper
156 100
77 210.4 0.0 420.8
158 96.6 0.0 193.2



#74
n-propylbenzene
Concen: 20.963 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 91 Resp: 609919
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.6

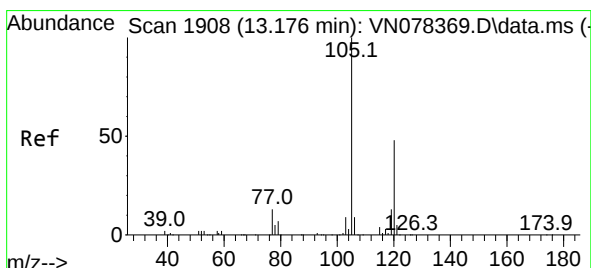
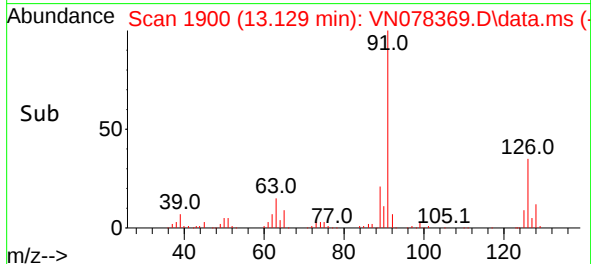
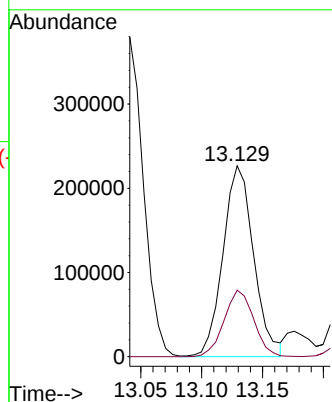
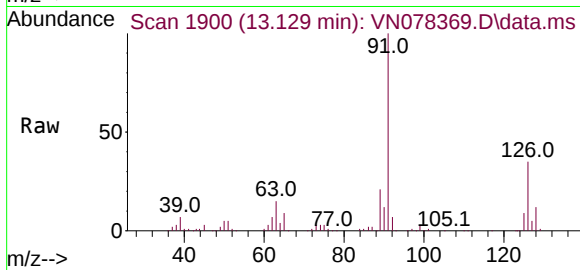




#75
2-Chlorotoluene
Concen: 20.195 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

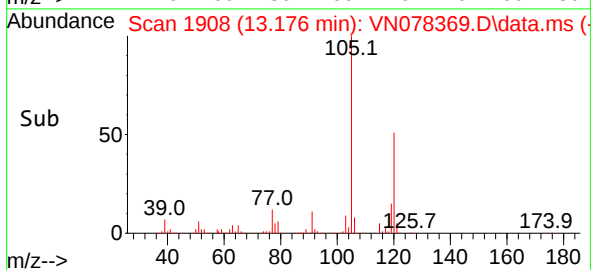
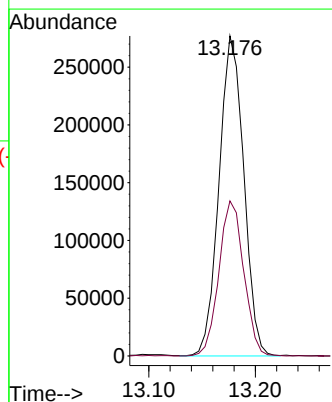
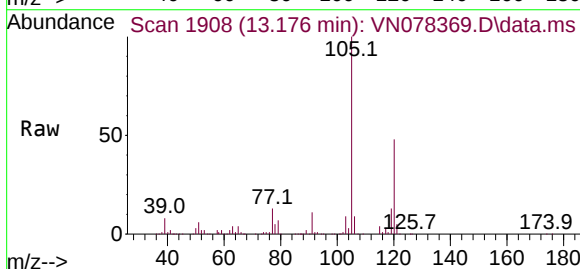
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

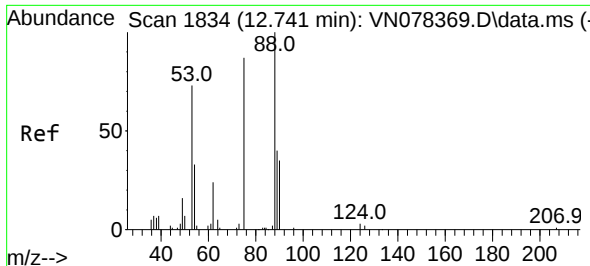
Tgt Ion: 91 Resp: 397757
Ion Ratio Lower Upper
91 100
126 33.6 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 20.138 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 105 Resp: 446807
Ion Ratio Lower Upper
105 100
120 48.6 0.0 97.2

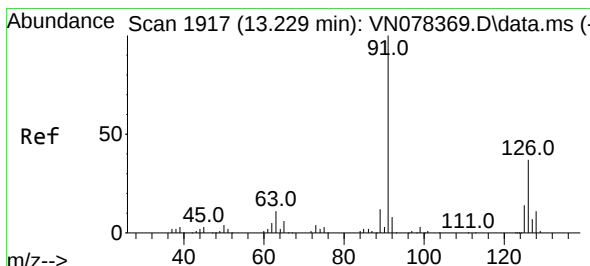
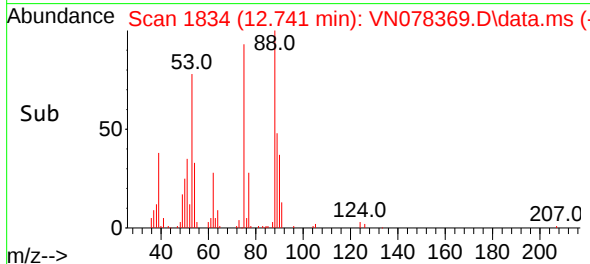
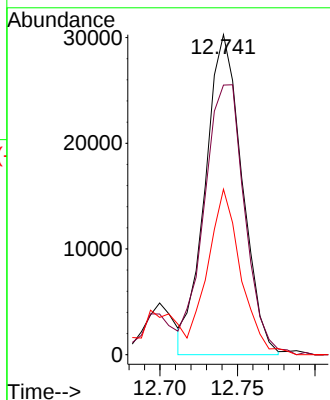
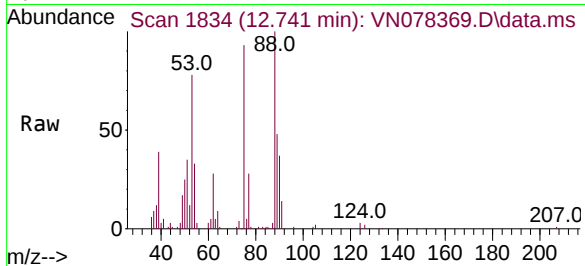




#77
t-1,4-Dichloro-2-butene
Concen: 21.366 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

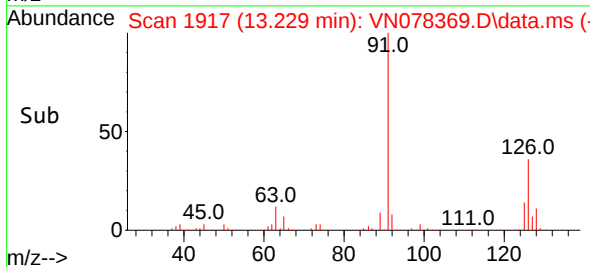
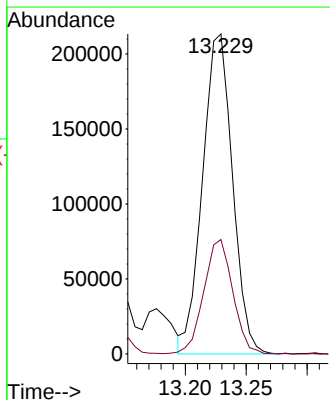
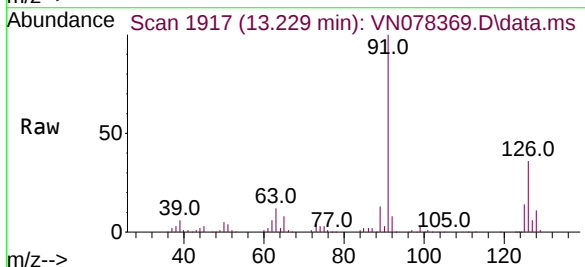
Instrument :
MSVOA_N
ClientSampleId :
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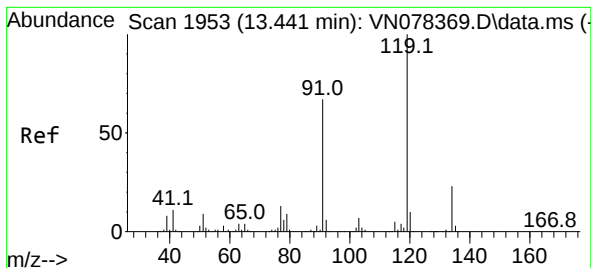
Tgt Ion: 75 Resp: 50089
Ion Ratio Lower Upper
75 100
53 83.3 41.6 124.9
89 50.3 25.1 75.4



#78
4-Chlorotoluene
Concen: 19.837 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 91 Resp: 365622
Ion Ratio Lower Upper
91 100
126 34.4 0.0 68.8

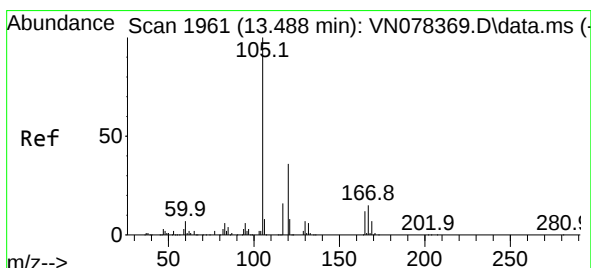
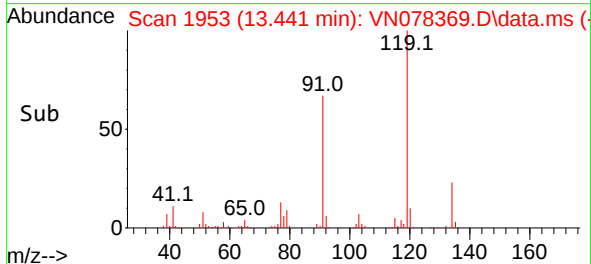
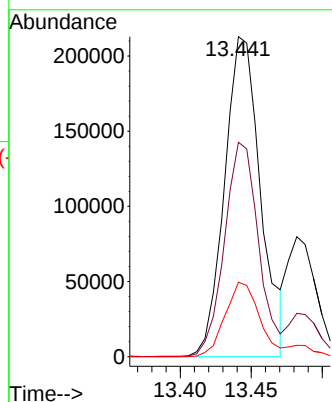
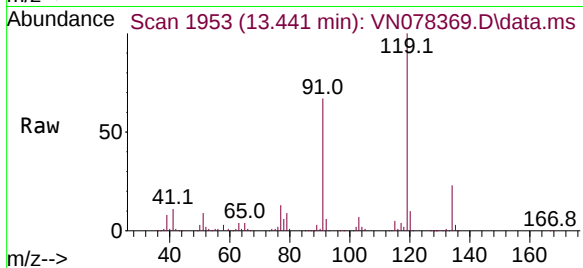




#79
tert-butylbenzene
Concen: 20.603 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

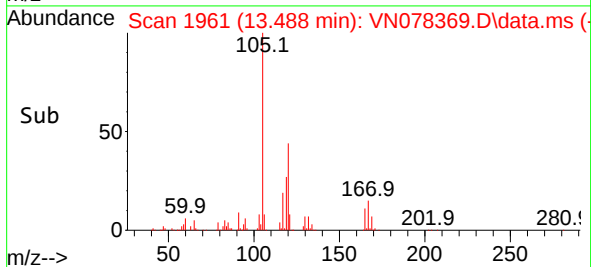
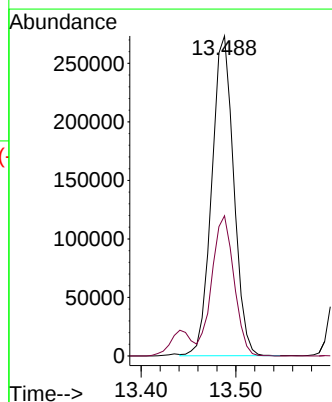
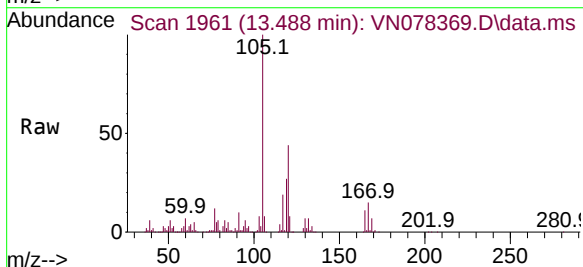
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

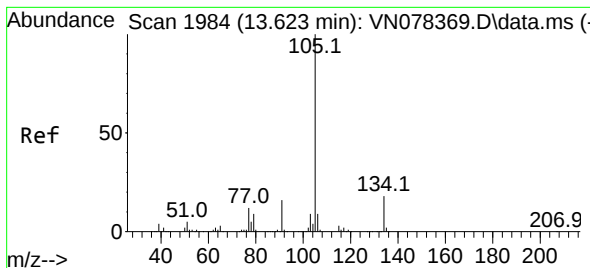
Tgt Ion:119 Resp: 376032
Ion Ratio Lower Upper
119 100
91 63.3 0.0 126.6
134 22.0 0.0 44.0



#80
1,2,4-Trimethylbenzene
Concen: 20.966 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion:105 Resp: 439542
Ion Ratio Lower Upper
105 100
120 44.1 0.0 88.2

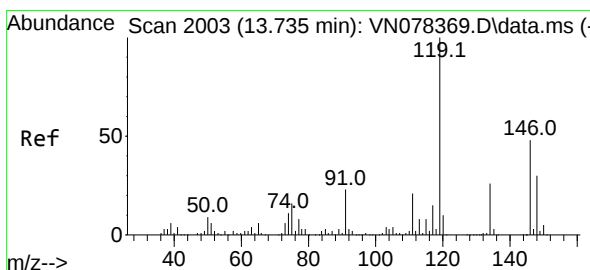
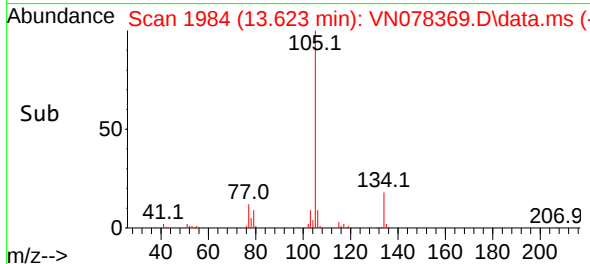
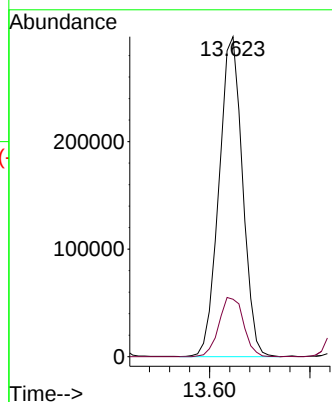
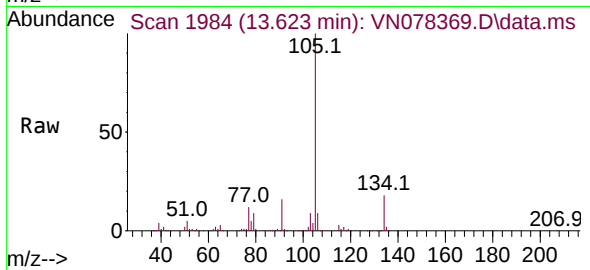




#81
 sec-Butylbenzene
 Concen: 21.254 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078369.D
 Acq: 23 Jun 2023 11:10

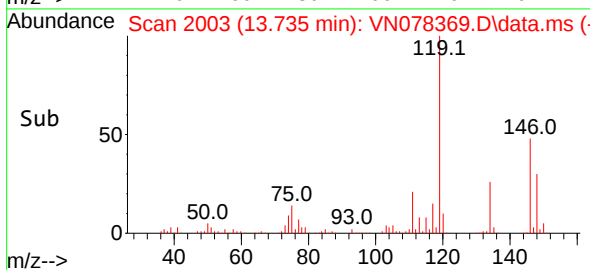
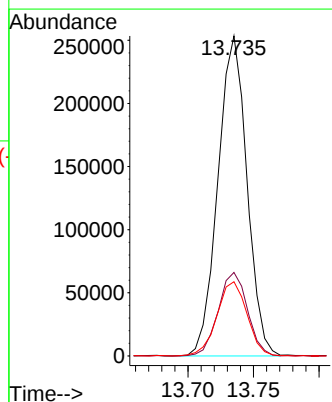
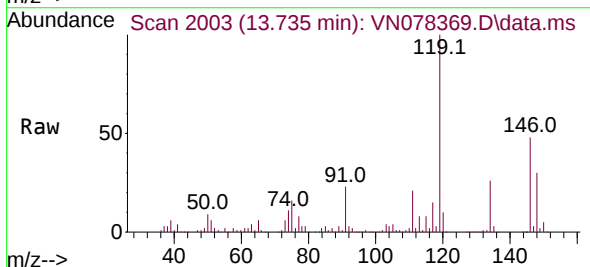
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

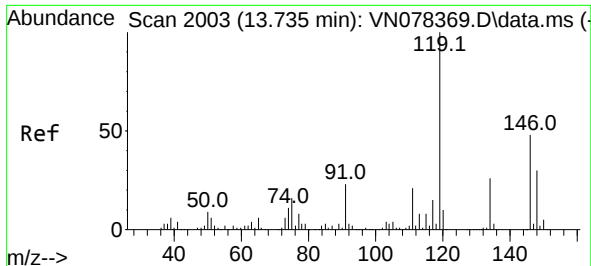
Tgt Ion:105 Resp: 483922
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 21.282 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078369.D
 Acq: 23 Jun 2023 11:10

Tgt Ion:119 Resp: 389760
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.4
 91 24.1 0.0 48.2

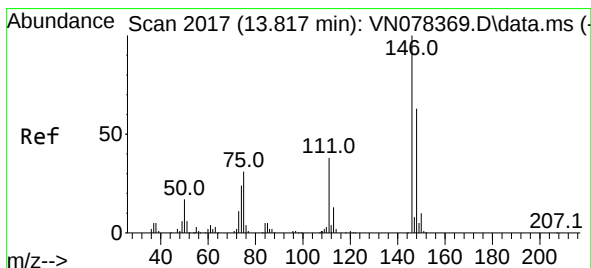
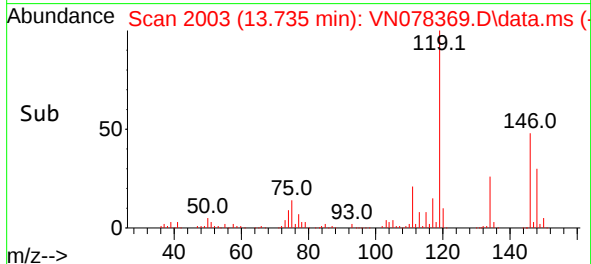
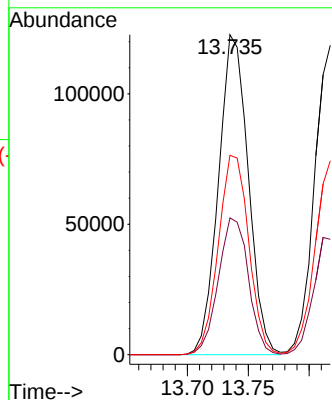
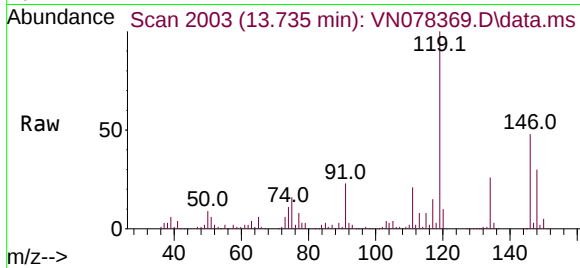




#83
1,3-Dichlorobenzene
Concen: 20.632 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

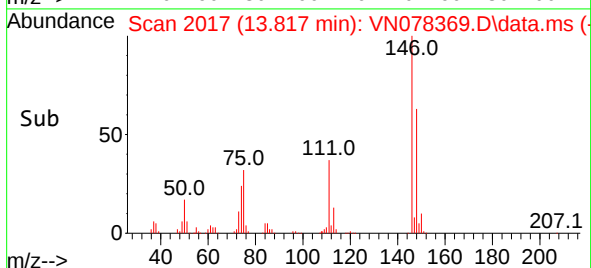
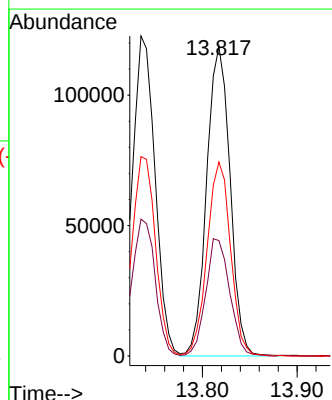
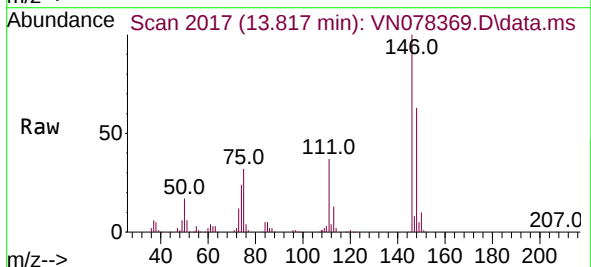
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

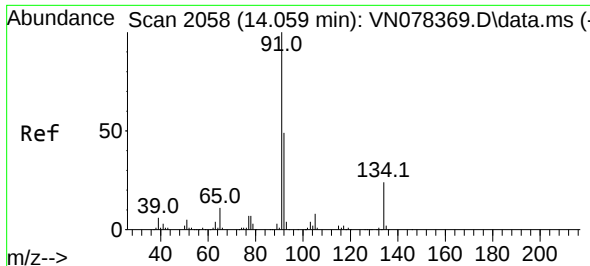
Tgt Ion:146 Resp: 209187
Ion Ratio Lower Upper
146 100
111 43.1 21.6 64.6
148 63.7 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 20.783 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion:146 Resp: 203739
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 62.9 31.4 94.3

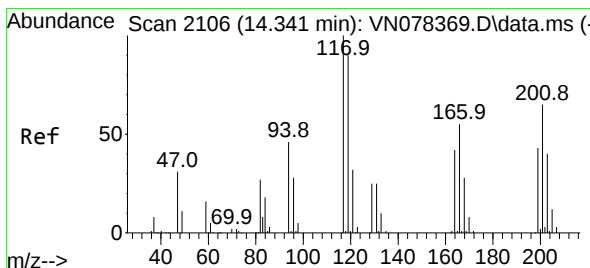
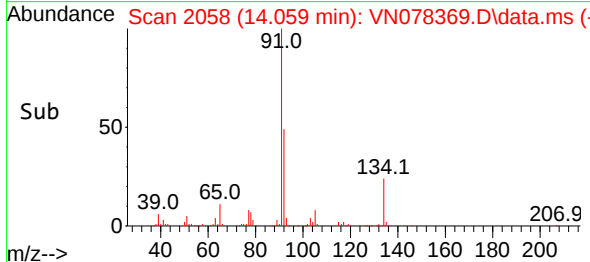
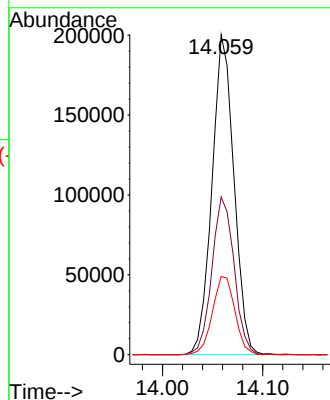
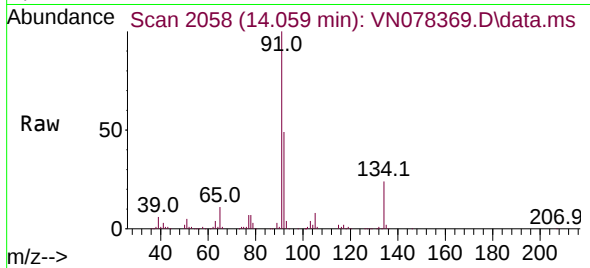




#85
n-Butylbenzene
Concen: 22.484 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

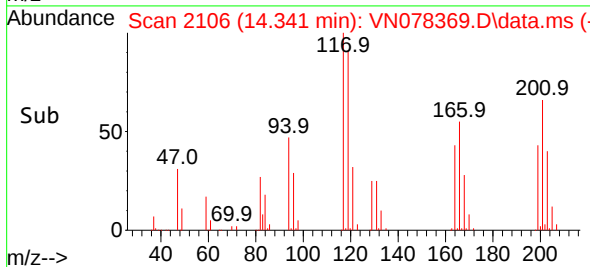
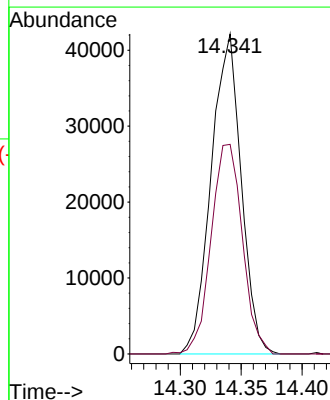
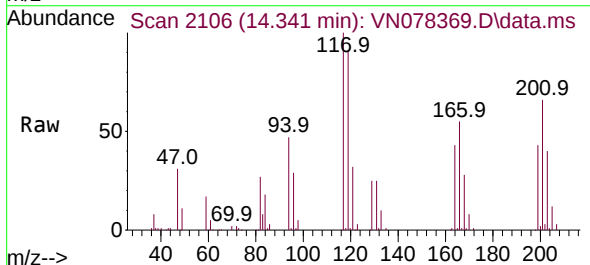
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

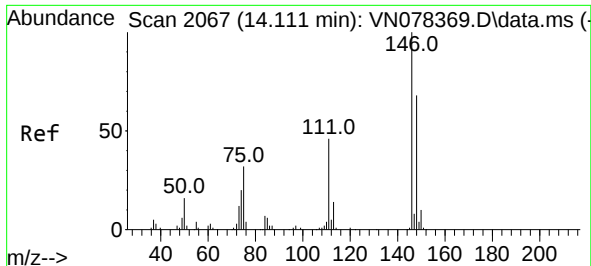
Tgt Ion: 91 Resp: 304164
Ion Ratio Lower Upper
91 100
92 49.8 0.0 99.6
134 25.0 0.0 50.0



#86
Hexachloroethane
Concen: 20.467 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 117 Resp: 72146
Ion Ratio Lower Upper
117 100
201 68.4 34.2 102.6

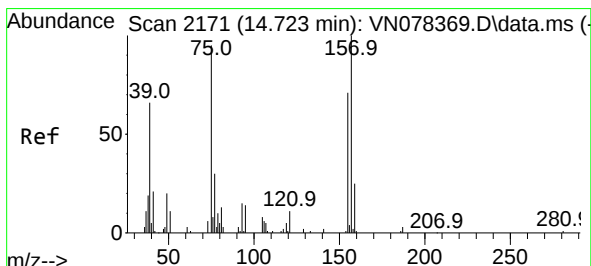
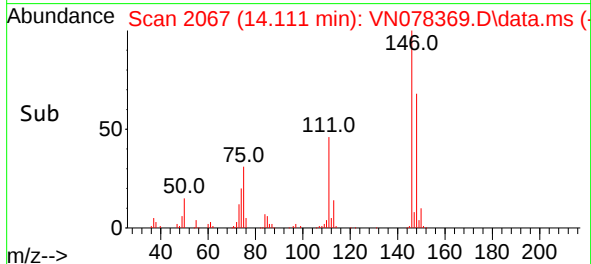
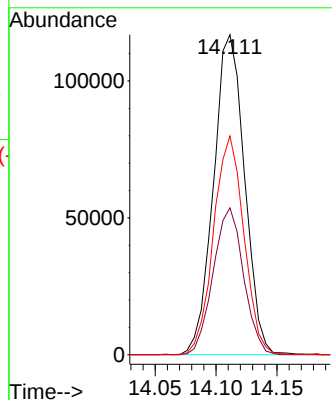
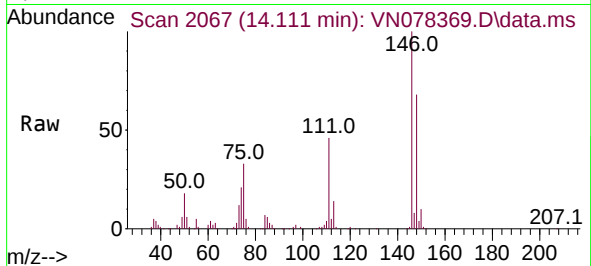




#87
1,2-Dichlorobenzene
Concen: 20.627 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

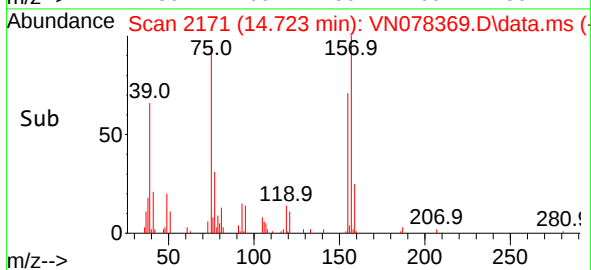
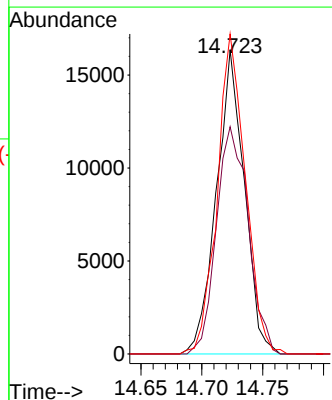
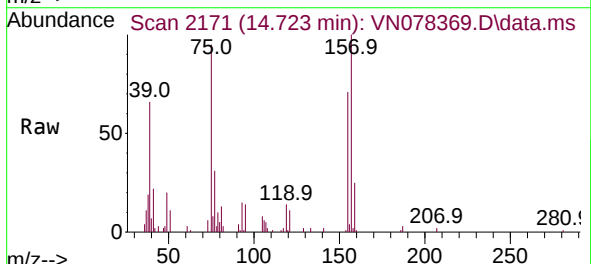
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

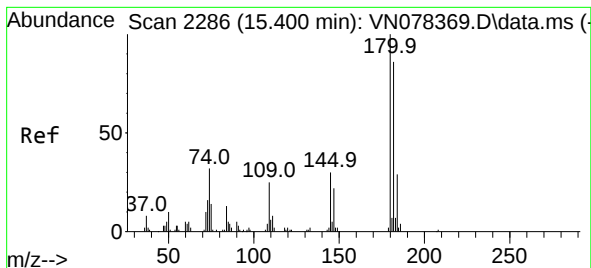
Tgt Ion:146 Resp: 207304
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.3
148 66.7 33.4 100.1



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.892 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion: 75 Resp: 26079
Ion Ratio Lower Upper
75 100
155 85.2 68.2 102.2
157 105.9 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 21.843 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

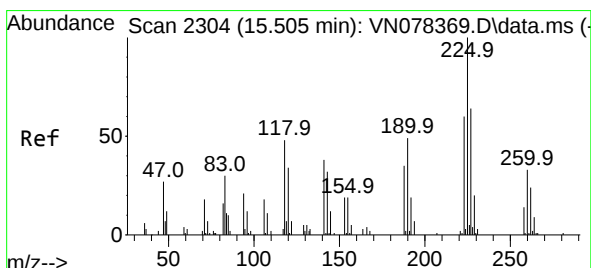
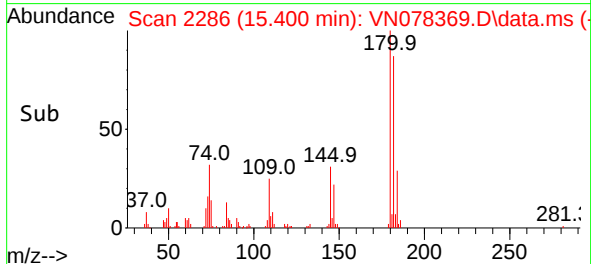
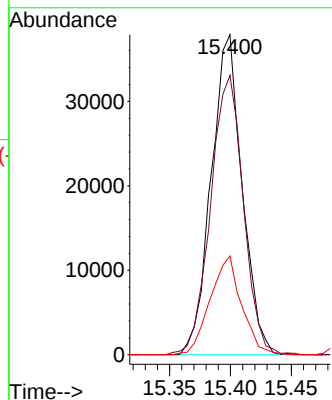
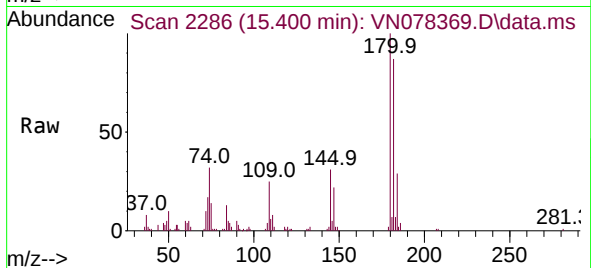
Tgt Ion:180 Resp: 66938

Ion Ratio Lower Upper

180 100

182 92.1 73.7 110.5

145 31.3 25.0 37.6



#90

Hexachlorobutadiene

Concen: 22.128 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN078369.D

Acq: 23 Jun 2023 11:10

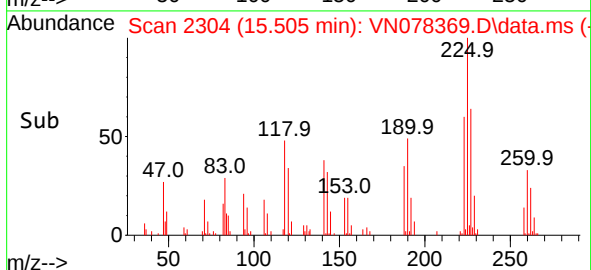
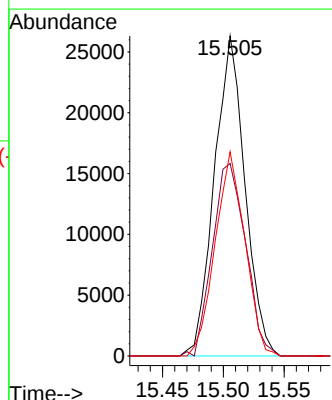
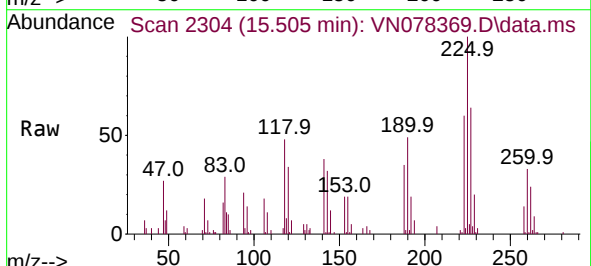
Tgt Ion:225 Resp: 46102

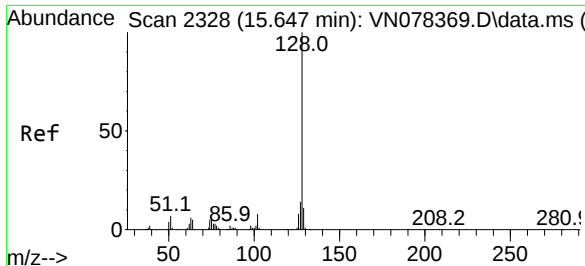
Ion Ratio Lower Upper

225 100

223 65.0 0.0 130.0

227 62.0 0.0 124.0

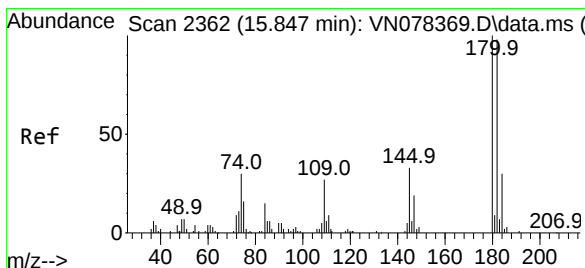
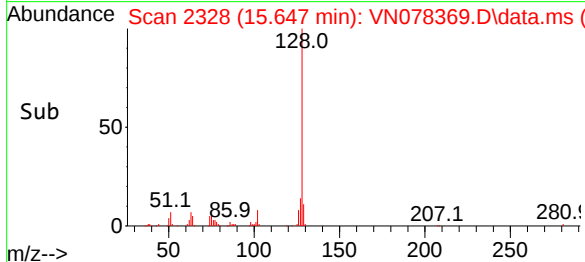
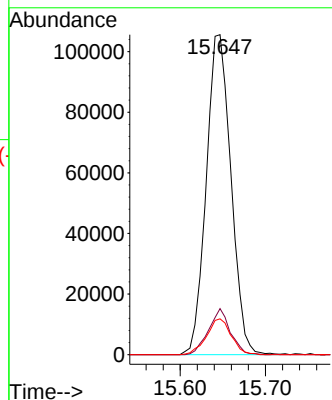
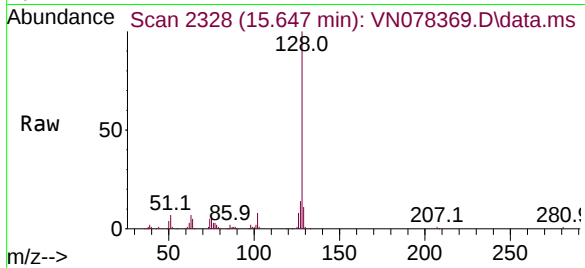




#91
Naphthalene
Concen: 21.199 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 212875
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.2 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 21.464 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078369.D
Acq: 23 Jun 2023 11:10

Tgt Ion:180 Resp: 76096
Ion Ratio Lower Upper
180 100
182 98.2 0.0 196.4
145 35.5 0.0 71.0

