

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078712.D
 Acq On : 01 Aug 2023 12:59
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 02 02:50:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 02:50:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	148140	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	597953	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	573947	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	244592	21.913	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	73.033%#
60) 4-Bromofluorobenzene	12.853	95	313574	37.921	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	126.400%#
63) Toluene-d8	10.571	98	778920	27.404	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	91.333%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	880525	107.449	ug/l	99
3) Chloromethane	2.371	50	1141771	112.130	ug/l	96
4) Vinyl Chloride	2.524	62	1723343	129.501	ug/l	95
5) Bromomethane	2.936	94	1096432	107.547	ug/l	99
6) Chloroethane	3.112	64	1050613	120.152	ug/l	98
7) Trichlorofluoromethane	3.500	101	2417132	174.850	ug/l	96
8) Diethyl Ether	3.965	74	670561	150.202	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	907026	123.212	ug/l	96
10) 1,1-Dichloroethene	4.347	96	876895	124.101	ug/l	97
11) Methyl Iodide	4.594	142	1332899	136.166	ug/l	98
12) Methyl Acetate	5.036	43	1318177	126.277	ug/l	95
13) Acrolein	4.189	56	775962	629.697	ug/l	96
14) Acrylonitrile	5.730	53	2051202	678.350	ug/l	98
15) Acetone	4.436	58	776330	859.036	ug/l	90
16) Carbon Disulfide	4.718	76	2425658	120.167	ug/l	100
17) Allyl chloride	5.030	41	1164609	118.325	ug/l	95
18) Methylene Chloride	5.283	84	1010287	132.358	ug/l	97
19) trans-1,2-Dichloroethene	5.794	96	984846	119.663	ug/l	98
20) Diisopropyl ether	6.683	45	3410868	158.125	ug/l	99
21) 1,1-Dichloroethane	6.577	63	2299461	159.730	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	1377797	150.757	ug/l	98
23) tert-Butyl Alcohol	5.536	59	765579	553.396	ug/l	100
24) Methyl tert-Butyl Ether	5.806	73	2945846	123.728	ug/l	97
25) Chloroform	7.971	83	2716921	180.709	ug/l	97
26) Cyclohexane	8.265	56	2086665	198.636	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	2015956	273.008	ug/l	99
30) 2-Butanone	7.488	43	3654299	1256.760	ug/l	100
31) 2,2-Dichloropropane	7.500	77	2016037	238.847	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	2446824	259.218	ug/l	99
33) Carbon Tetrachloride	8.371	117	2185391	262.721	ug/l	95
34) Benzene	8.612	78	4200345	188.694	ug/l	97
35) Methacrylonitrile	7.788	41	905569	279.886	ug/l	87
36) 1,2-Dichloroethane	8.677	62	1476839	188.061	ug/l	99
37) Trichloroethene	9.359	130	1116310	182.044	ug/l	97
38) Methylcyclohexane	9.606	83	1443994	196.983	ug/l	98
39) 1,2-Dichloropropane	9.629	63	1068146	182.854	ug/l	96
40) Dibromomethane	9.712	93	776262	187.404	ug/l	97
41) Bromodichloromethane	9.894	83	1577209	190.261	ug/l	95
42) Vinyl Acetate	6.612	43	11718346	1203.251	ug/l	100

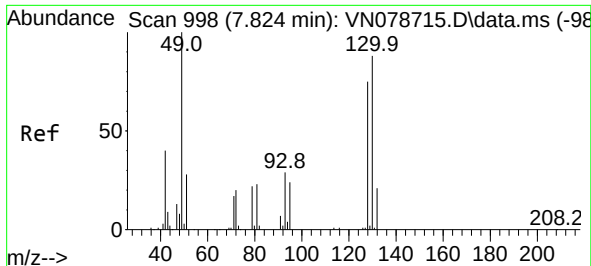
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	1456147	237.526	ug/l	97
44) Isopropyl Acetate	8.694	43	1998896	186.347	ug/l	98
45) 1,4-Dioxane	9.700	88	353348	3669.050	ug/l	93
46) Methyl methacrylate	9.688	41	929669	194.122	ug/l	97
47) n-amyl Acetate	12.500	43	2424024	308.906	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	1808723	205.435	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	1865657	199.987	ug/l	97
50) 1,1,2-Trichloroethane	11.023	97	1061328	178.204	ug/l	96
51) Ethyl methacrylate	10.882	69	1677478	210.645	ug/l	91
52) 1,3-Dichloropropane	11.170	76	1784789	164.978	ug/l	99
53) Dibromochloromethane	11.365	129	1267003	192.415	ug/l	99
54) 1,2-Dibromoethane	11.476	107	1112613	189.221	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	3155132	1243.210	ug/l	98
56) Bromoform	12.582	173	1166334	281.399	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	5969078	810.702	ug/l	99
59) 2-Hexanone	11.200	43	4525904	809.809	ug/l	99
61) Tetrachloroethene	11.112	164	963253	146.784	ug/l	95
62) Toluene	10.635	91	5077880	172.375	ug/l	100
64) Chlorobenzene	11.894	112	3063794	179.901	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	1210809	179.071	ug/l	99
66) Ethyl Benzene	11.970	91	5764579	197.951	ug/l	100
67) m/p-Xylenes	12.076	106	4187376	377.810	ug/l	99
68) o-Xylene	12.406	106	2367936	213.785	ug/l	96
69) Styrene	12.417	104	3915453	227.062	ug/l	99
70) Isopropylbenzene	12.700	105	6737989	244.680	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	1733400	188.061	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	2357947	269.910	ug/l	56
73) Bromobenzene	12.988	156	1431814	210.178	ug/l	99
74) n-propylbenzene	13.041	91	6836010	224.407	ug/l	98
75) 2-Chlorotoluene	13.129	91	4889209	252.435	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	5286840	233.351	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	673096	262.654	ug/l	96
78) 4-Chlorotoluene	13.223	91	4333105	233.368	ug/l	98
79) tert-butylbenzene	13.441	119	3650381	185.465	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	4151301	193.001	ug/l	98
81) sec-Butylbenzene	13.623	105	4683990	186.865	ug/l	99
82) p-Isopropyltoluene	13.735	119	3933830	192.397	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	2211795	202.688	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	2162949	213.728	ug/l	99
85) n-Butylbenzene	14.059	91	2934215	212.225	ug/l	98
86) Hexachloroethane	14.341	117	742958	189.020	ug/l	93
87) 1,2-Dichlorobenzene	14.111	146	2115330	206.434	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	277255	198.701	ug/l	98
89) 1,2,4-Trichlorobenzene	15.400	180	884890	299.403	ug/l	98
90) Hexachlorobutadiene	15.506	225	402866	159.174	ug/l	97
91) Naphthalene	15.647	128	2719160	293.626	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	906772	255.293	ug/l	98

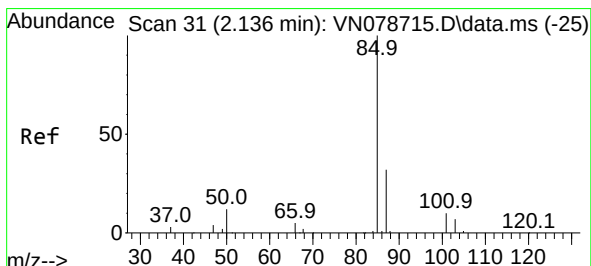
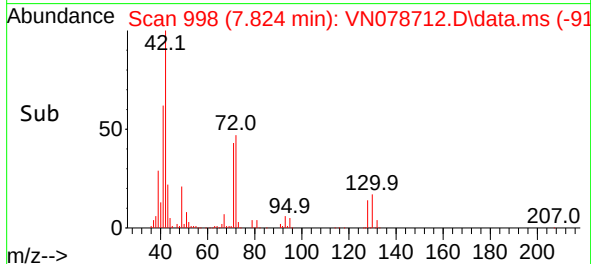
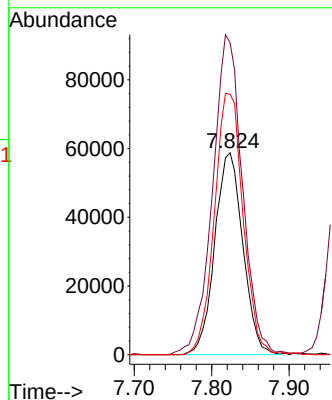
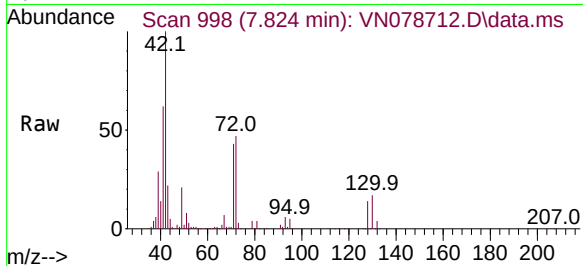
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

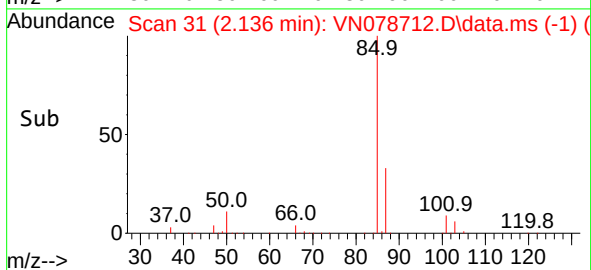
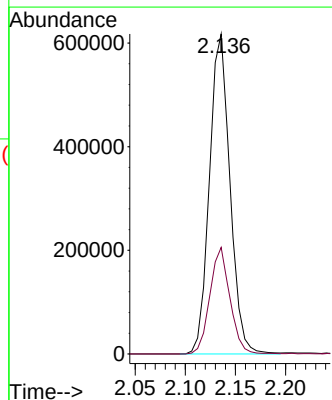
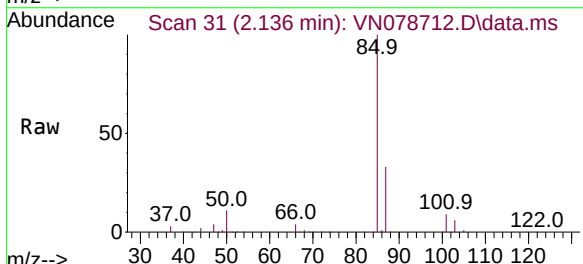
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

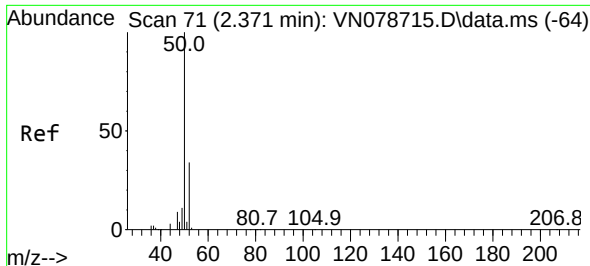
Tgt Ion:128 Resp: 148140
Ion Ratio Lower Upper
128 100
49 167.9 0.0 370.8
130 132.1 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 107.449 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 85 Resp: 880525
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.4

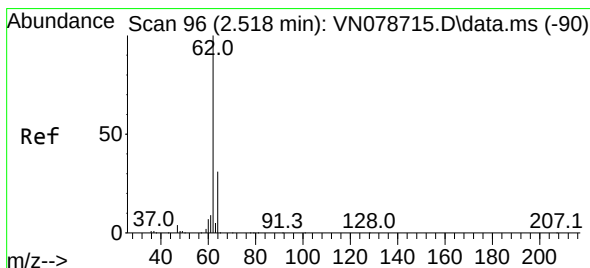
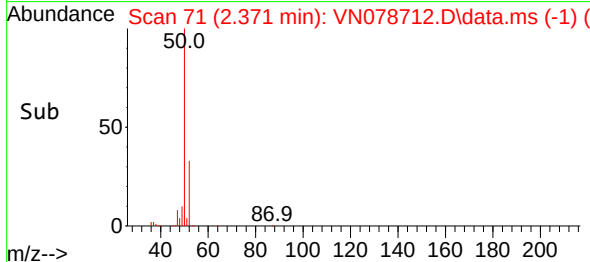
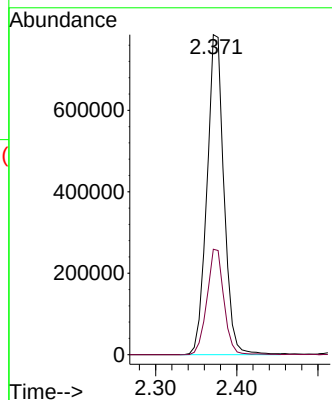
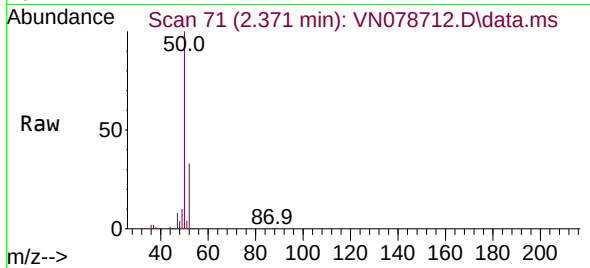




#3
Chloromethane
Concen: 112.130 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

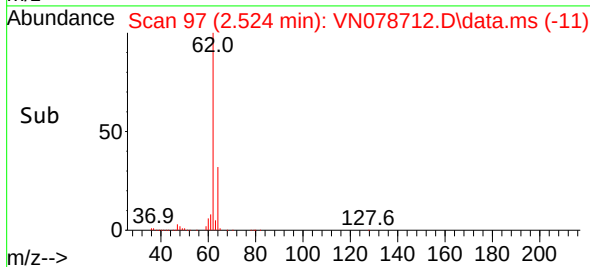
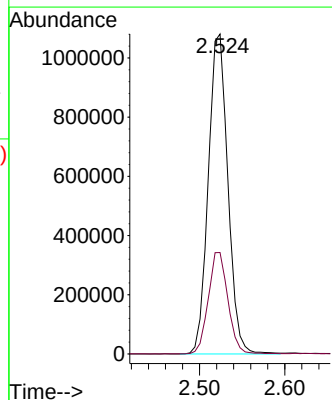
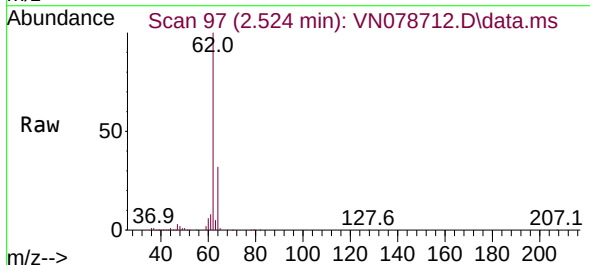
Instrument :
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ClientSampleId :
VSTDIC150

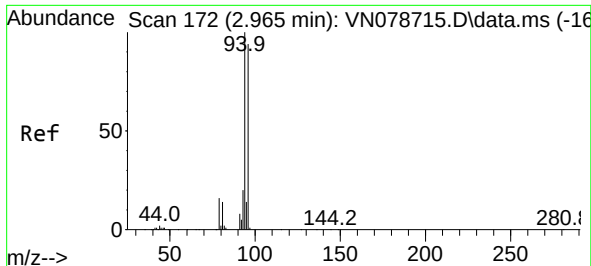
Tgt Ion: 50 Resp: 1141771
Ion Ratio Lower Upper
50 100
52 33.0 24.6 36.8



#4
Vinyl Chloride
Concen: 129.501 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 62 Resp: 1723343
Ion Ratio Lower Upper
62 100
64 31.6 23.3 34.9

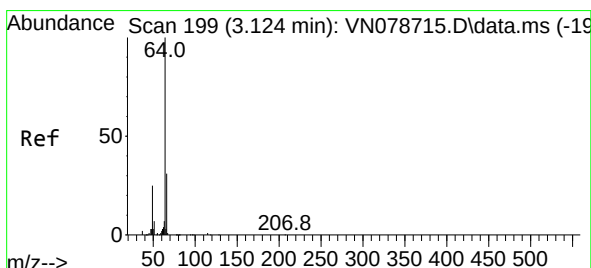
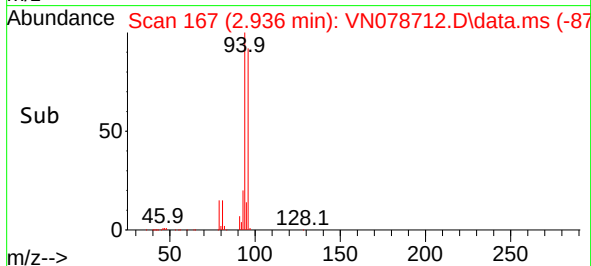
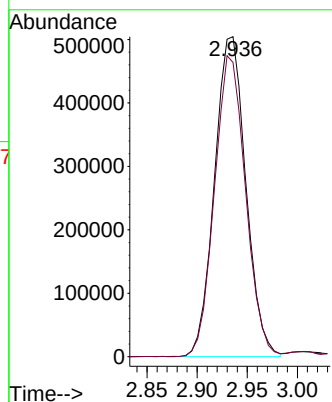
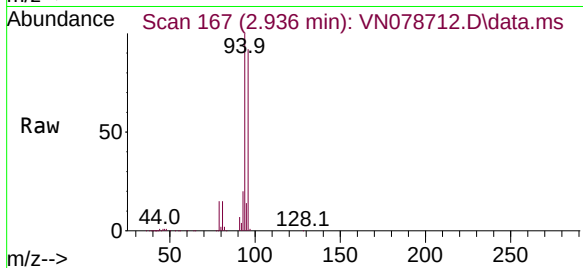




#5
Bromomethane
Concen: 107.547 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

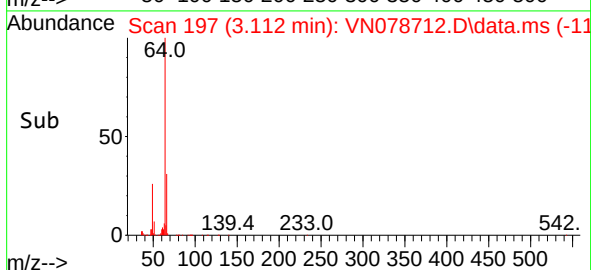
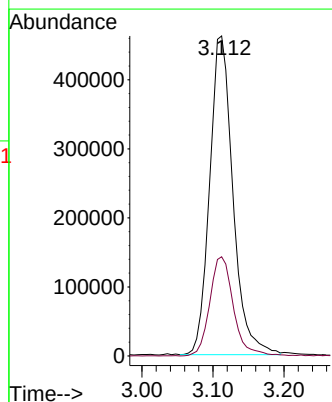
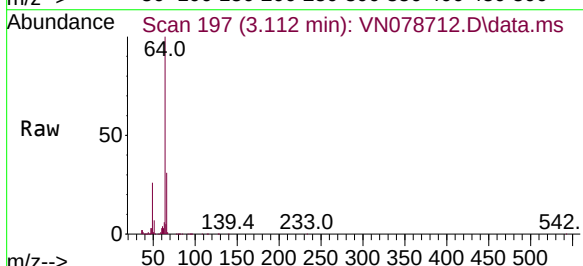
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ClientSampleId :
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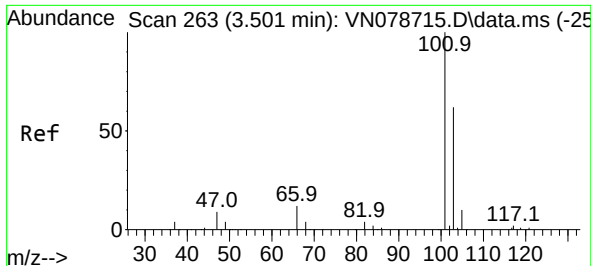
Tgt Ion: 94 Resp: 1096432
Ion Ratio Lower Upper
94 100
96 91.9 73.9 110.9



#6
Chloroethane
Concen: 120.152 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 64 Resp: 1050613
Ion Ratio Lower Upper
64 100
66 31.1 25.7 38.5

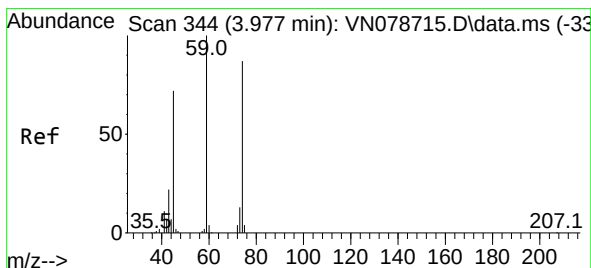
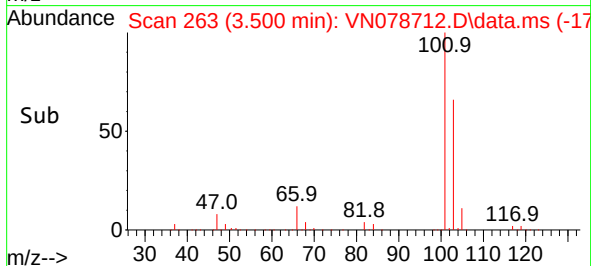
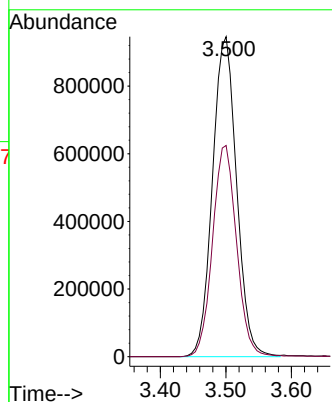
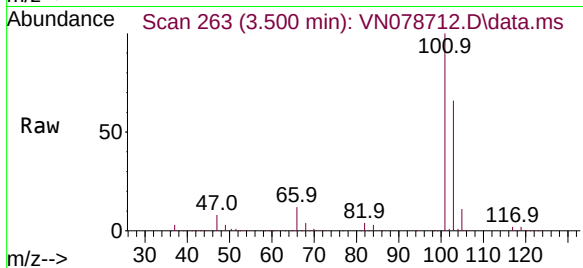




#7
 Trichlorofluoromethane
 Concen: 174.850 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VN078712.D
 Acq: 01 Aug 2023 12:59

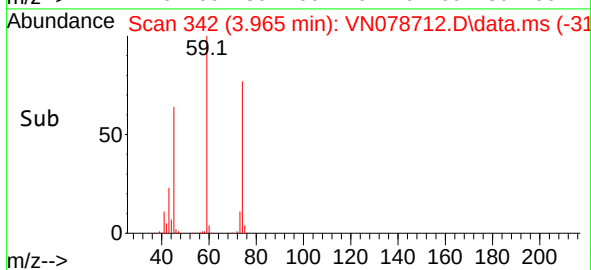
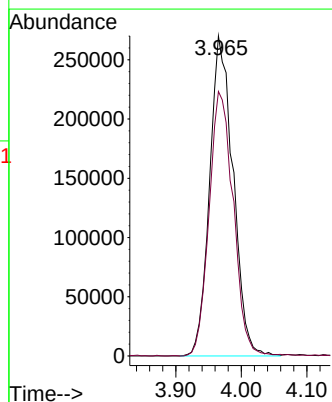
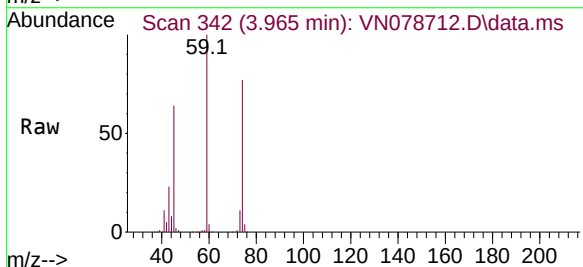
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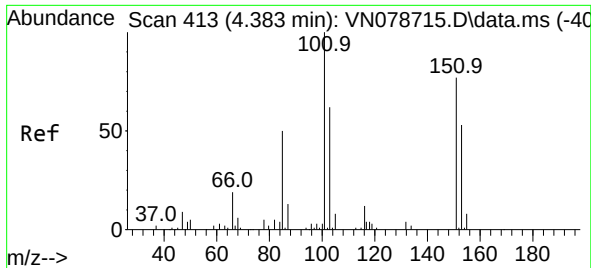
Tgt Ion:101 Resp: 2417132
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.4 75.6



#8
 Diethyl Ether
 Concen: 150.202 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.012 min
 Lab File: VN078712.D
 Acq: 01 Aug 2023 12:59

Tgt Ion: 74 Resp: 670561
 Ion Ratio Lower Upper
 74 100
 45 85.1 16.3 146.5

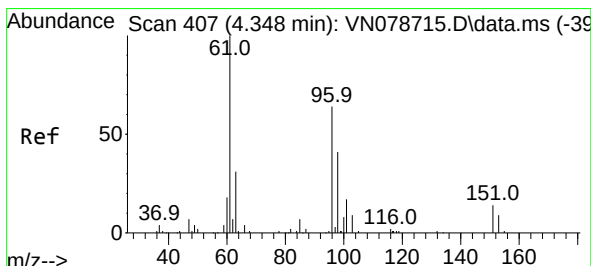
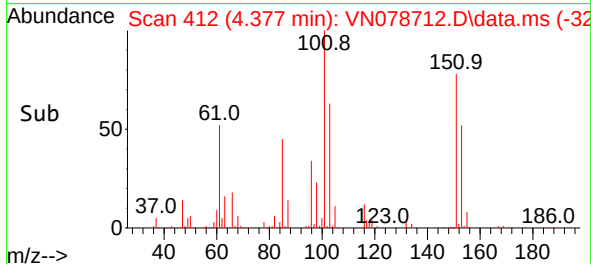
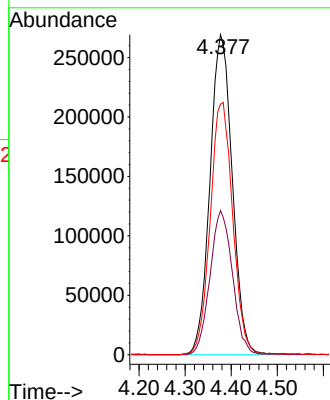
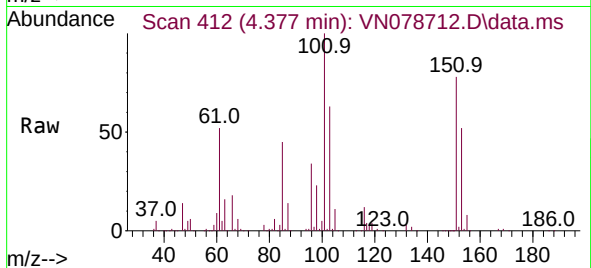




#9
1,1,2-Trichlorotrifluoroethane
Concen: 123.212 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

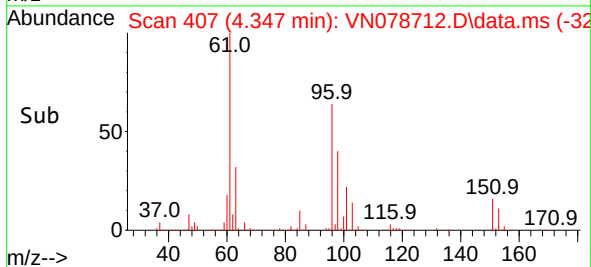
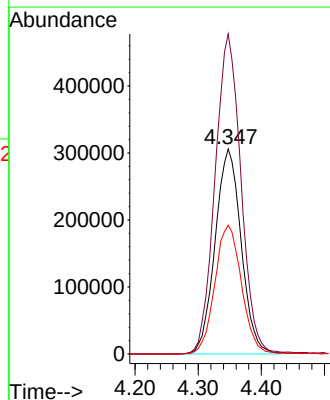
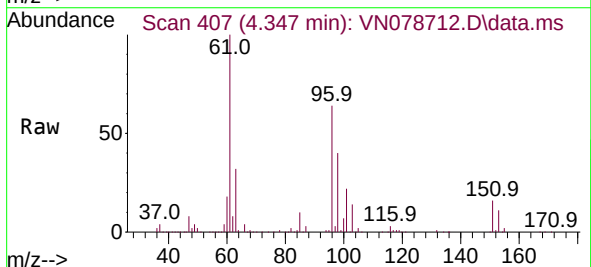
Instrument :
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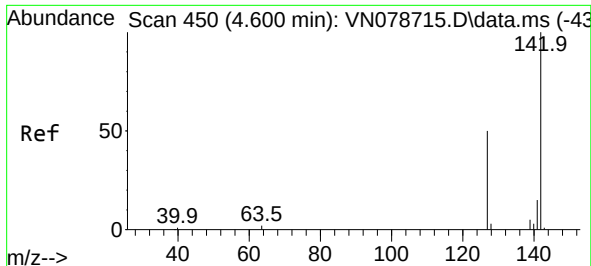
Tgt Ion:101 Resp: 907026
Ion Ratio Lower Upper
101 100
85 45.2 0.0 89.2
151 79.2 0.0 148.8



#10
1,1-Dichloroethene
Concen: 124.101 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 96 Resp: 876895
Ion Ratio Lower Upper
96 100
61 156.2 123.4 185.2
98 62.8 53.7 80.5

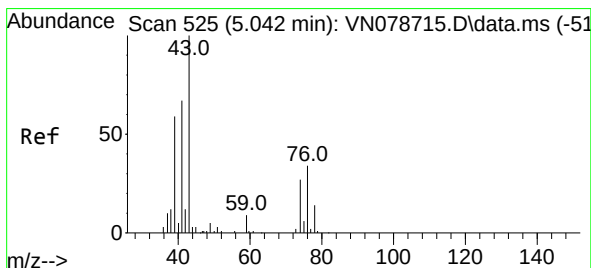
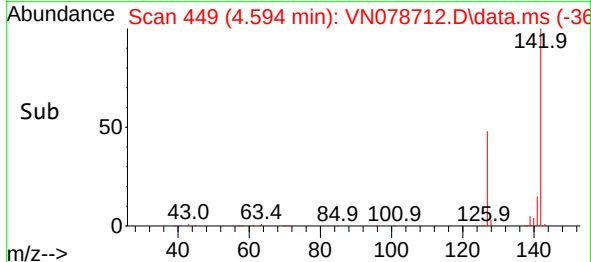
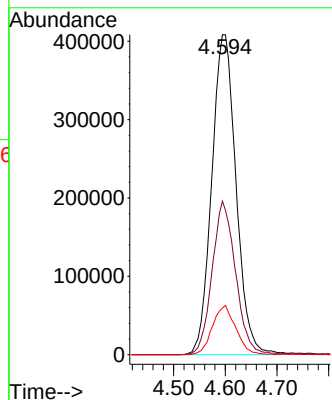
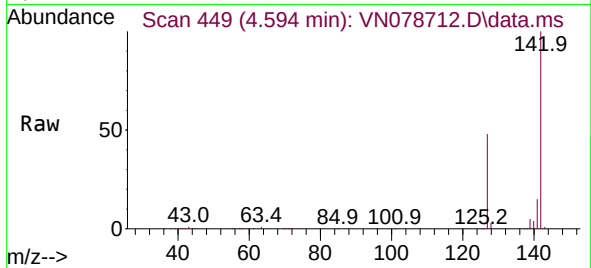




#11
Methyl Iodide
Concen: 136.166 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

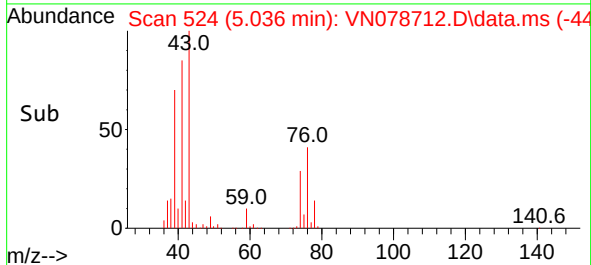
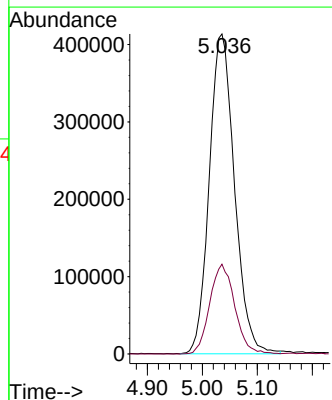
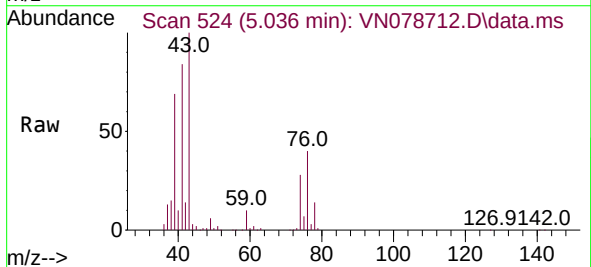
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

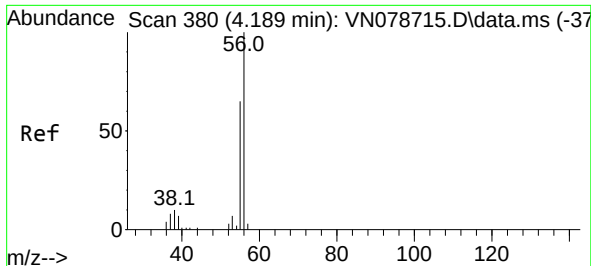
Tgt Ion:142 Resp: 1332899
Ion Ratio Lower Upper
142 100
127 48.0 23.2 69.5
141 14.6 7.2 21.7



#12
Methyl Acetate
Concen: 126.277 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 43 Resp: 1318177
Ion Ratio Lower Upper
43 100
74 28.1 20.5 30.7

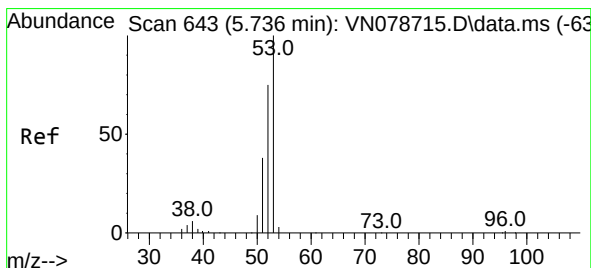
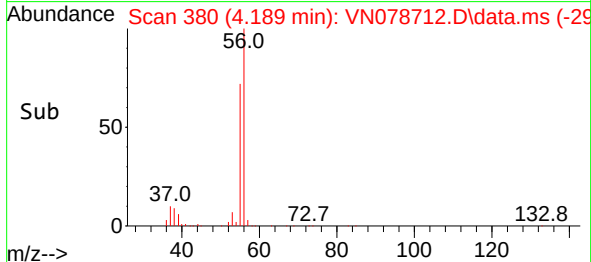
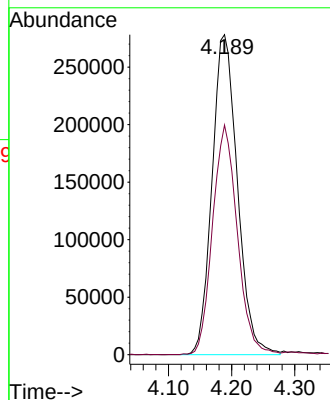
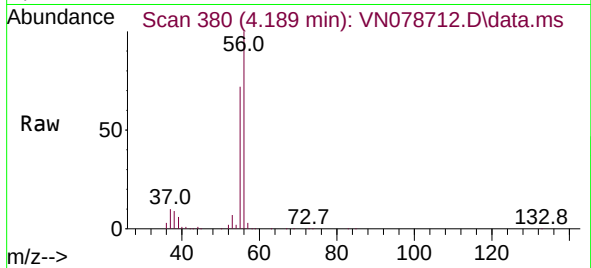




#13
Acrolein
Concen: 629.697 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

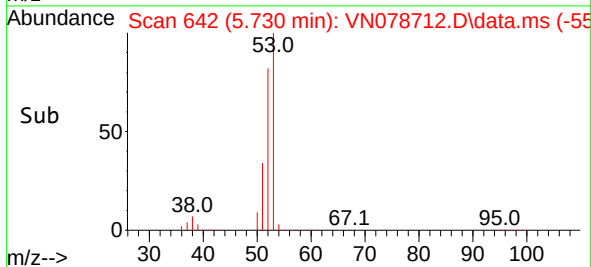
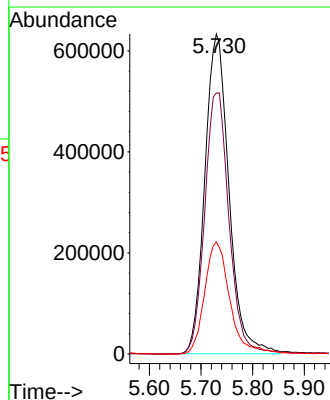
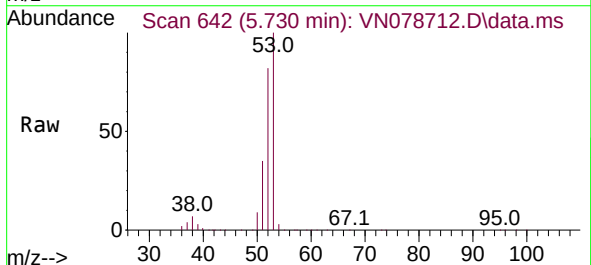
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

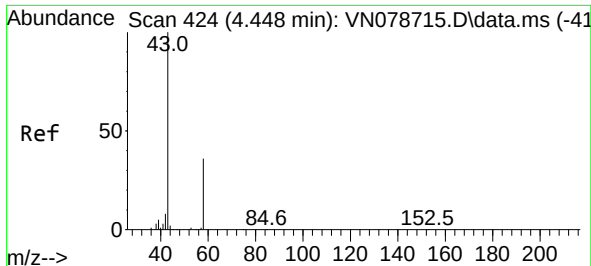
Tgt Ion: 56 Resp: 775962
Ion Ratio Lower Upper
56 100
55 70.1 59.0 88.4



#14
Acrylonitrile
Concen: 678.350 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 53 Resp: 2051202
Ion Ratio Lower Upper
53 100
52 82.5 42.3 126.9
51 35.5 18.4 55.4

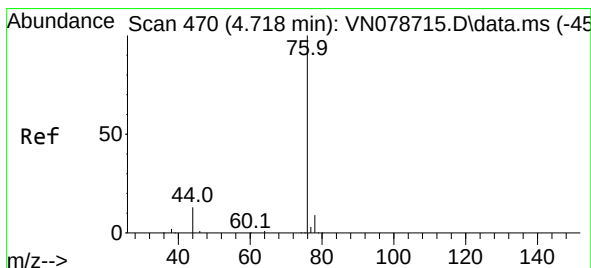
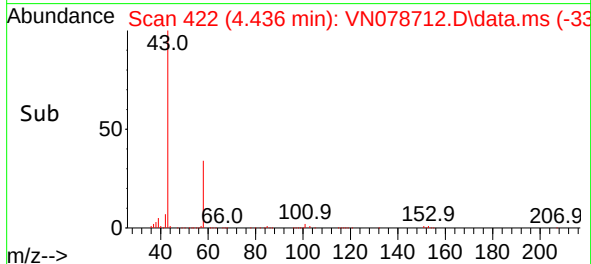
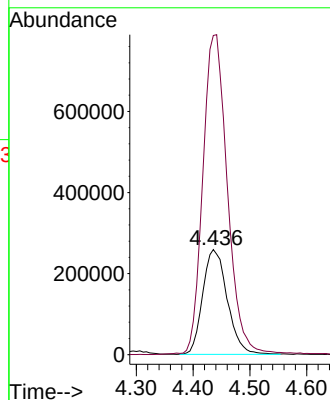
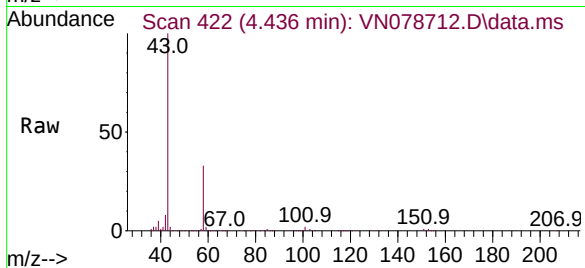




#15
Acetone
Concen: 859.036 ug/l
RT: 4.436 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

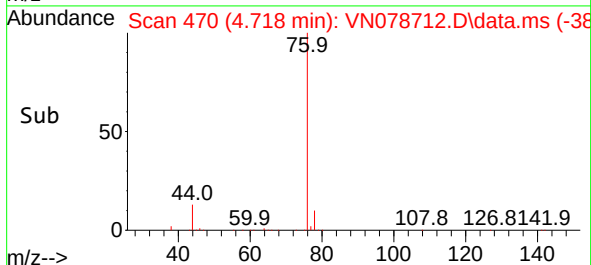
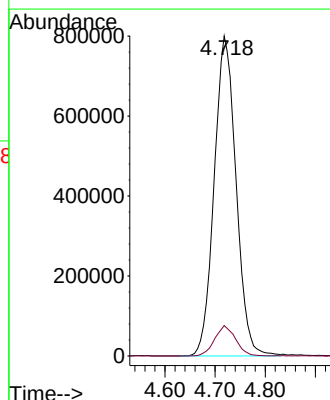
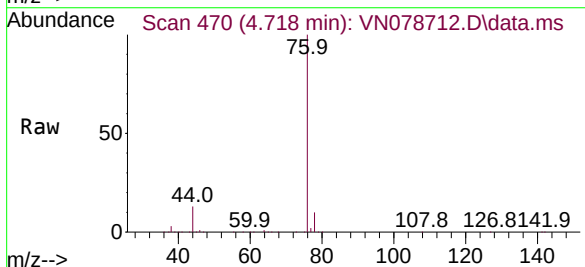
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

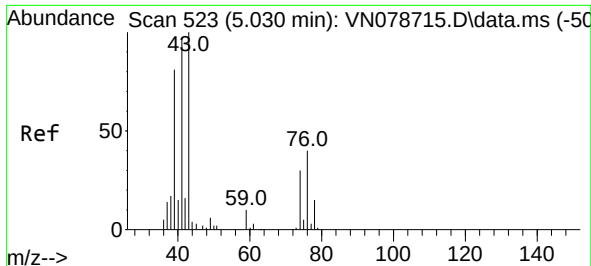
Tgt Ion: 58 Resp: 776330
Ion Ratio Lower Upper
58 100
43 303.6 227.5 341.3



#16
Carbon Disulfide
Concen: 120.167 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 76 Resp: 2425658
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5





#17

Allyl chloride

Concen: 118.325 ug/l

RT: 5.030 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

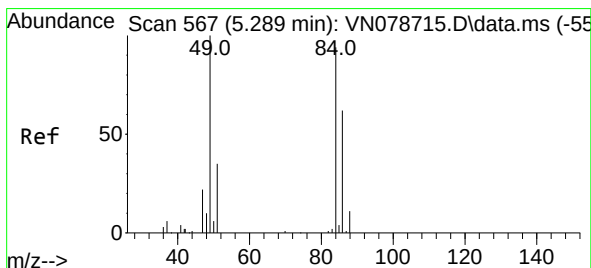
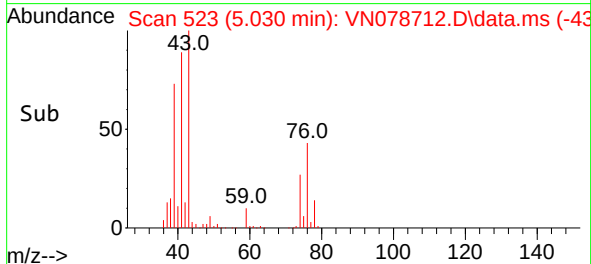
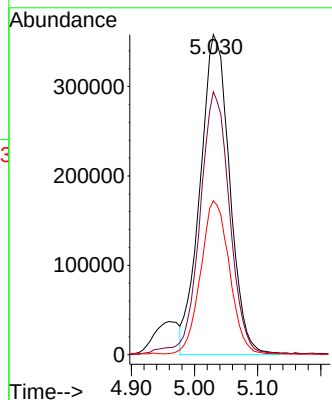
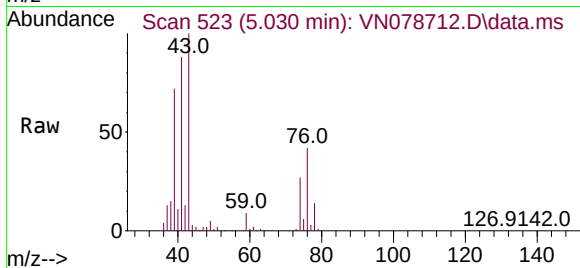
MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 1164609

Ion	Ratio	Lower	Upper
41	100		
39	82.2	37.6	112.8
76	48.0	23.8	71.4



#18

Methylene Chloride

Concen: 132.358 ug/l

RT: 5.283 min Scan# 566

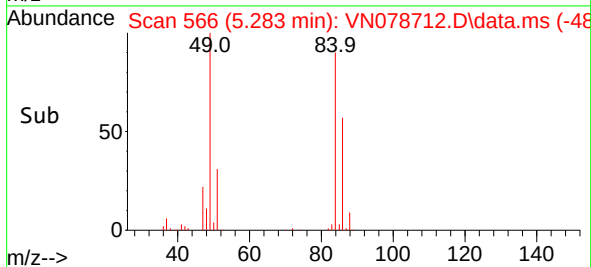
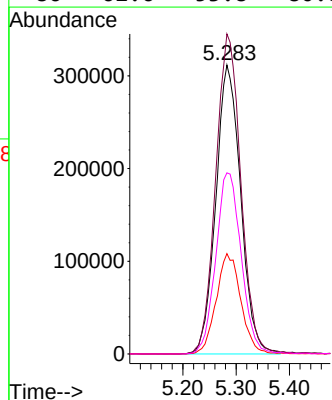
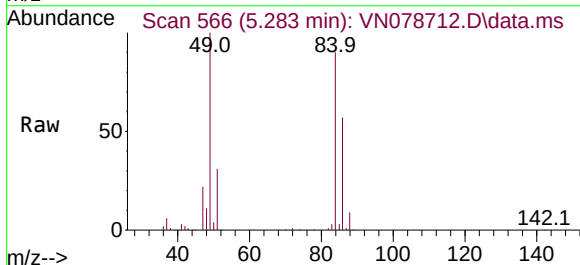
Delta R.T. -0.006 min

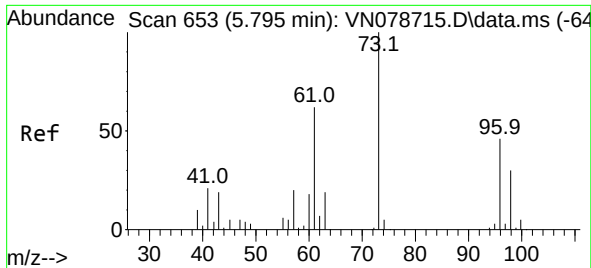
Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Tgt Ion: 84 Resp: 1010287

Ion	Ratio	Lower	Upper
84	100		
49	110.7	88.1	132.1
51	34.7	24.0	36.0
86	62.6	53.8	80.8





#19

trans-1,2-Dichloroethene

Concen: 119.663 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.001 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

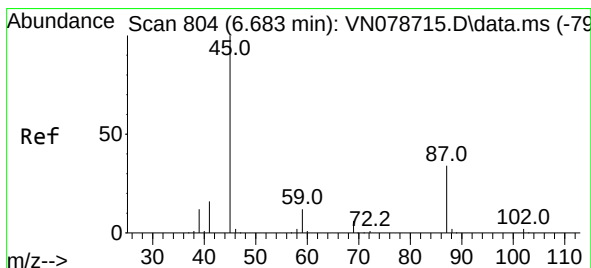
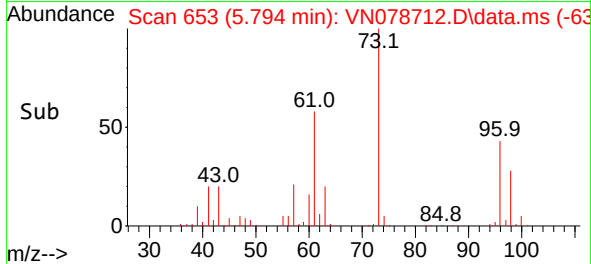
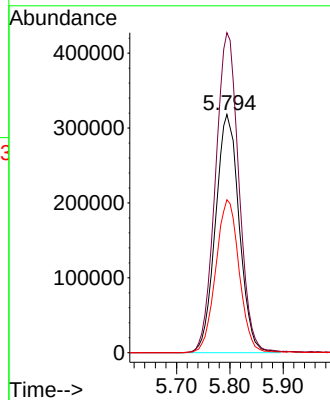
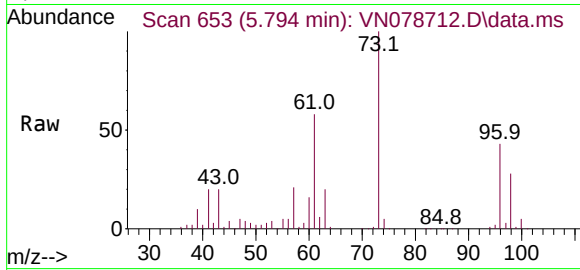
Tgt Ion: 96 Resp: 984846

Ion Ratio Lower Upper

96 100

61 134.3 105.2 157.8

98 64.2 50.5 75.7



#20

Diisopropyl ether

Concen: 158.125 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Tgt Ion: 45 Resp: 3410868

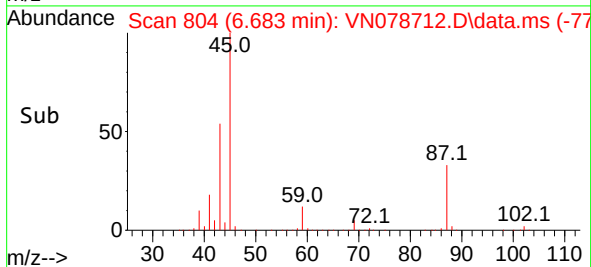
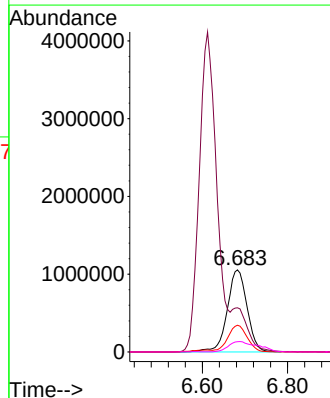
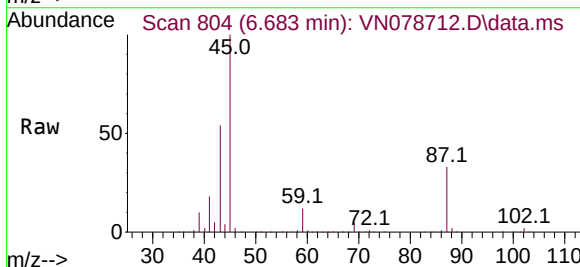
Ion Ratio Lower Upper

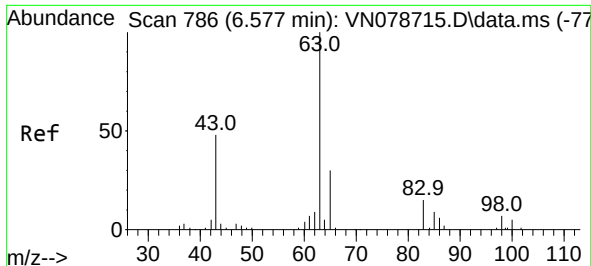
45 100

43 53.5 43.6 65.4

87 32.6 25.8 38.6

59 12.3 10.6 16.0





#21

1,1-Dichloroethane

Concen: 159.730 ug/l

RT: 6.577 min Scan# 786

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

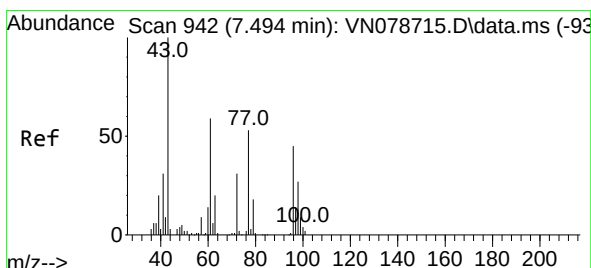
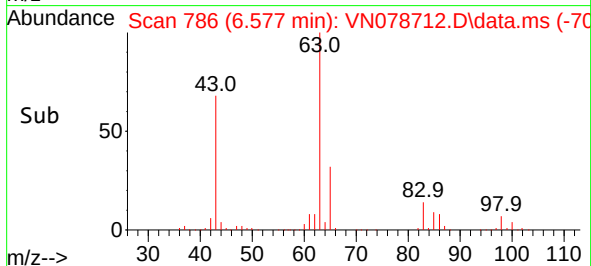
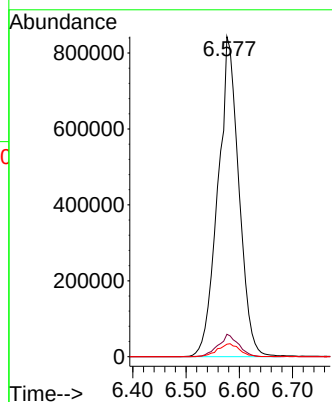
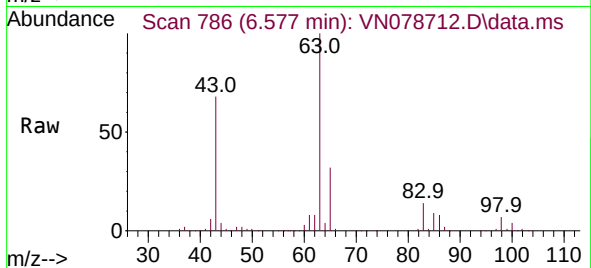
Tgt Ion: 63 Resp: 2299461

Ion Ratio Lower Upper

63 100

98 7.0 2.7 8.1

100 3.9 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 150.757 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

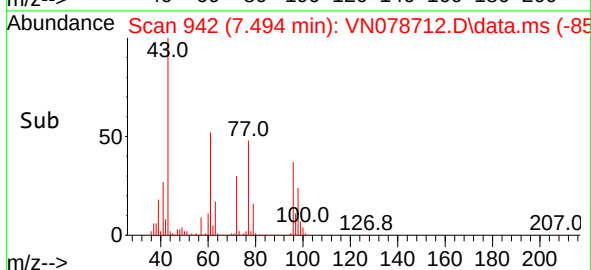
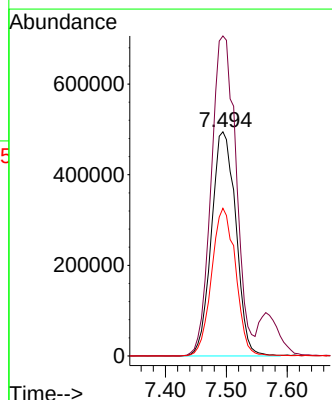
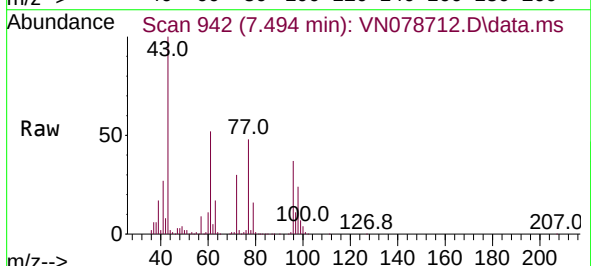
Tgt Ion: 96 Resp: 1377797

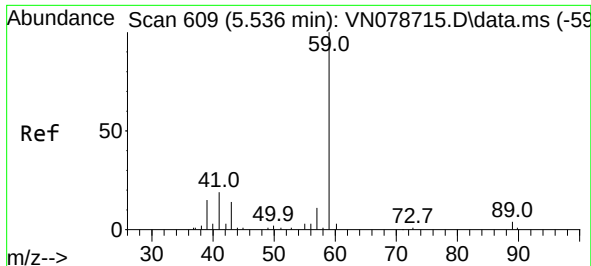
Ion Ratio Lower Upper

96 100

61 146.1 113.8 170.6

98 64.8 52.2 78.4





#23

tert-Butyl Alcohol

Concen: 553.396 ug/l

RT: 5.536 min Scan# 609

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

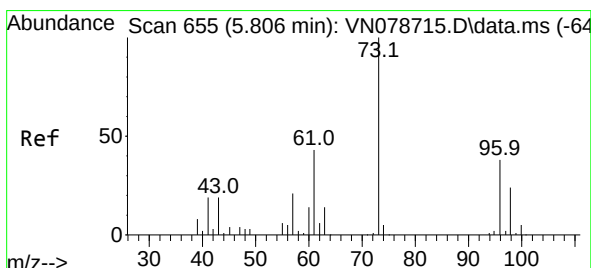
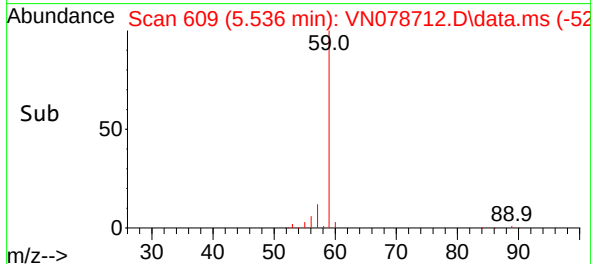
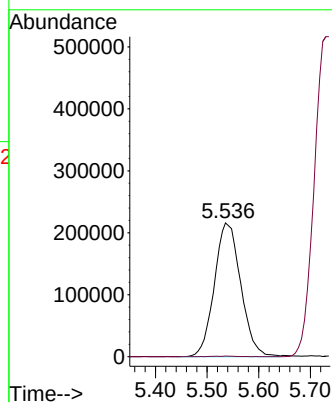
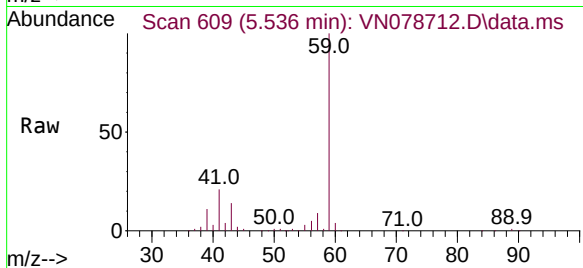
VSTDIC150

Tgt Ion: 59 Resp: 765579

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1



#24

Methyl tert-Butyl Ether

Concen: 123.728 ug/l

RT: 5.806 min Scan# 655

Delta R.T. 0.000 min

Lab File: VN078712.D

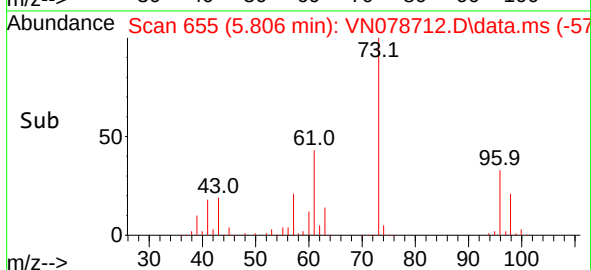
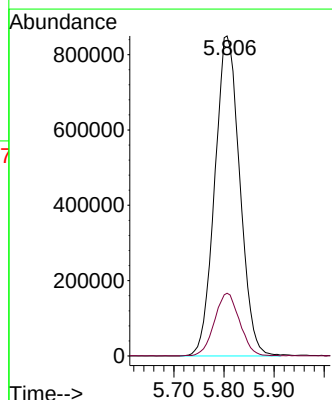
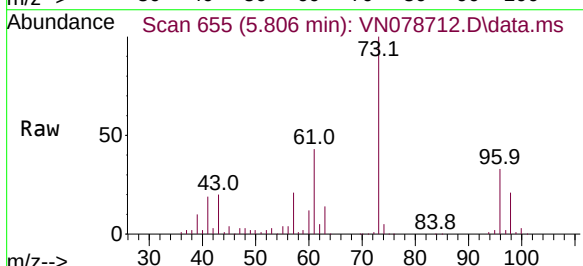
Acq: 01 Aug 2023 12:59

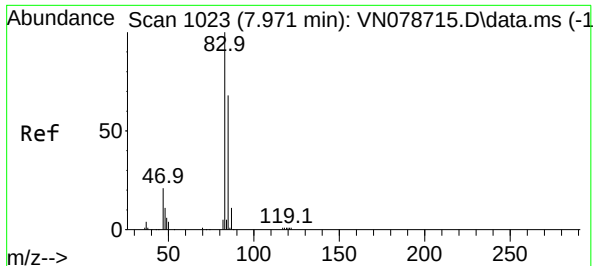
Tgt Ion: 73 Resp: 2945846

Ion Ratio Lower Upper

73 100

43 19.4 14.5 21.7





#25

Chloroform

Concen: 180.709 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

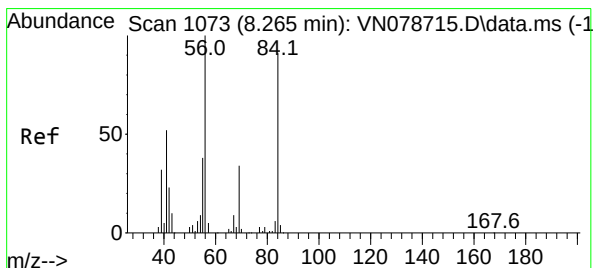
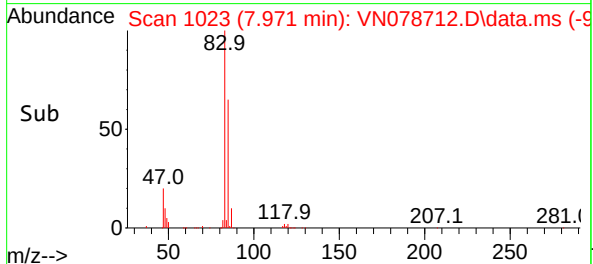
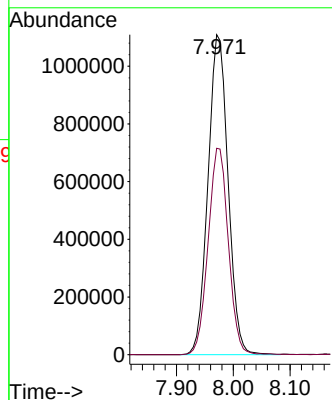
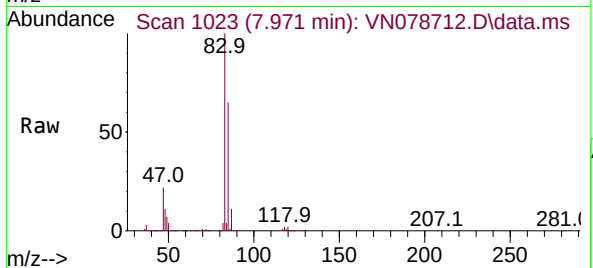
VSTDIC150

Tgt Ion: 83 Resp: 2716921

Ion Ratio Lower Upper

83 100

85 64.5 53.4 80.0



#26

Cyclohexane

Concen: 198.636 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

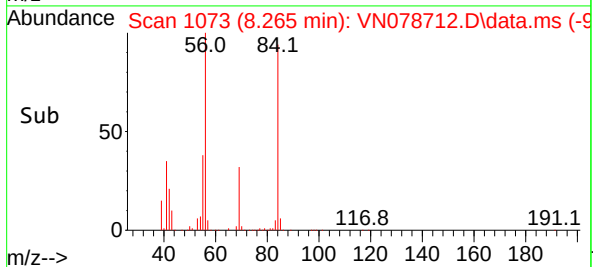
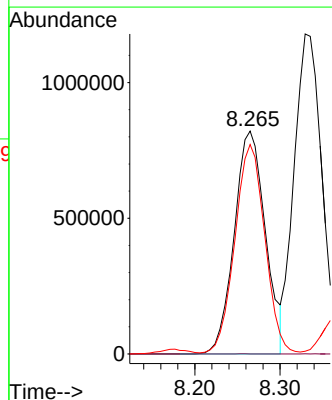
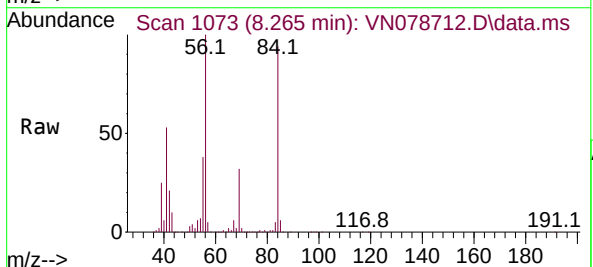
Tgt Ion: 56 Resp: 2086665

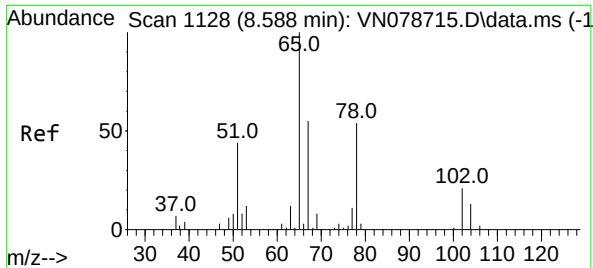
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 90.8 74.2 111.4

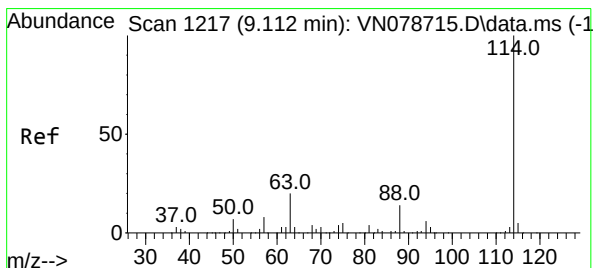
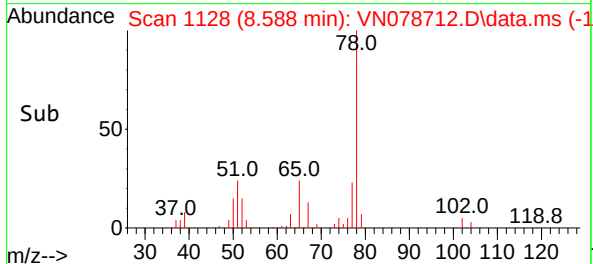
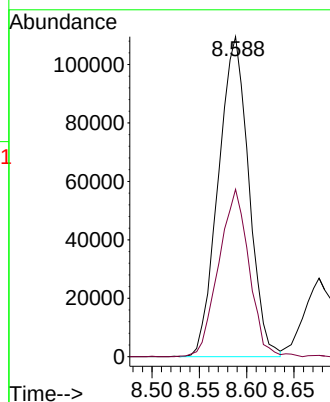
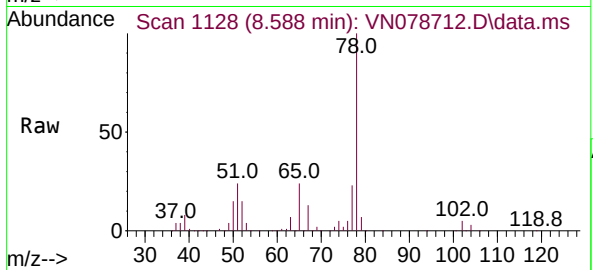




#27
 1,2-Dichloroethane-d4
 Concen: 21.913 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VN078712.D
 Acq: 01 Aug 2023 12:59

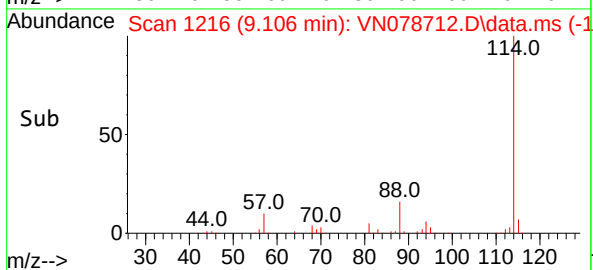
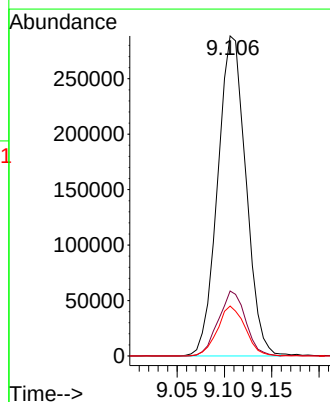
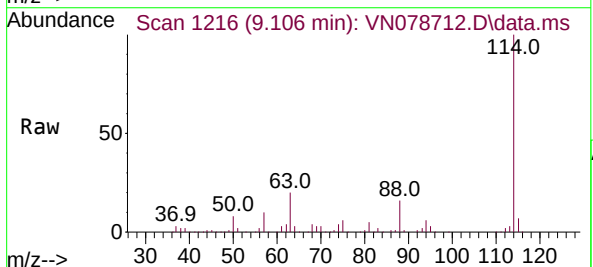
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

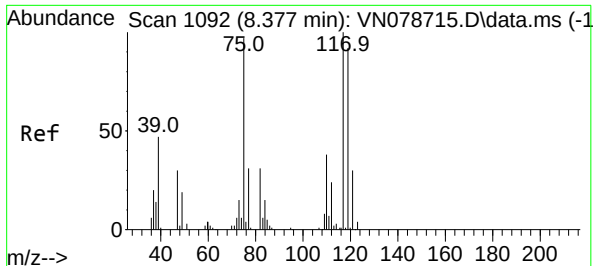
Tgt Ion: 65 Resp: 244592
 Ion Ratio Lower Upper
 65 100
 67 51.9 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN078712.D
 Acq: 01 Aug 2023 12:59

Tgt Ion: 114 Resp: 597953
 Ion Ratio Lower Upper
 114 100
 63 19.6 15.2 22.8
 88 15.3 12.5 18.7





#29

1,1-Dichloropropene

Concen: 273.008 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

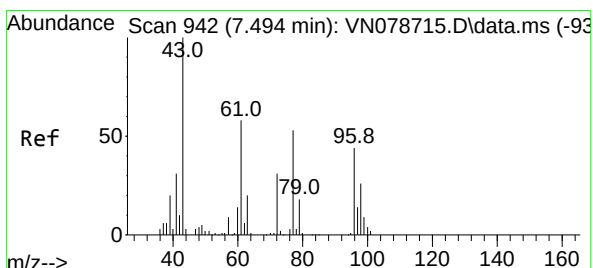
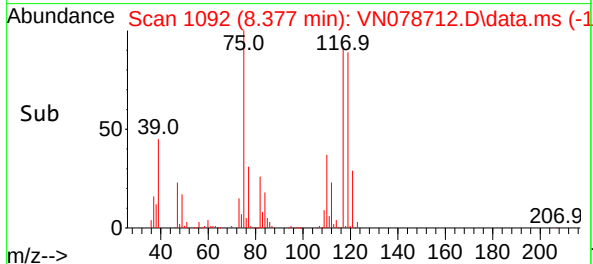
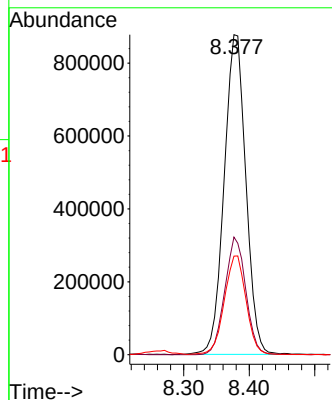
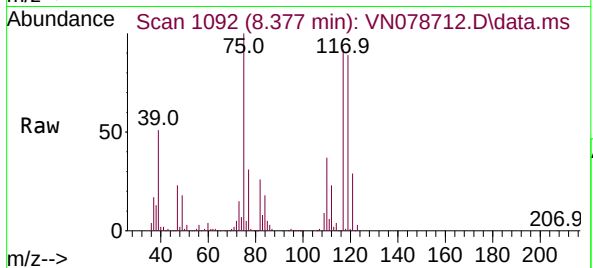
Tgt Ion: 75 Resp: 2015956

Ion Ratio Lower Upper

75 100

110 35.6 0.0 72.2

77 31.2 0.0 62.8



#30

2-Butanone

Concen: 1256.760 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

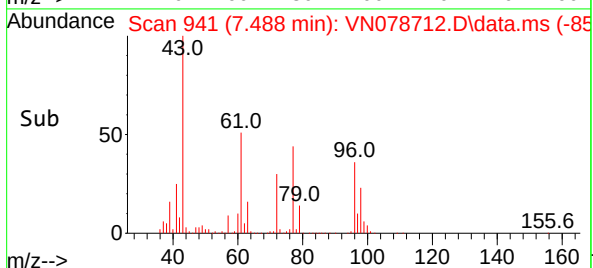
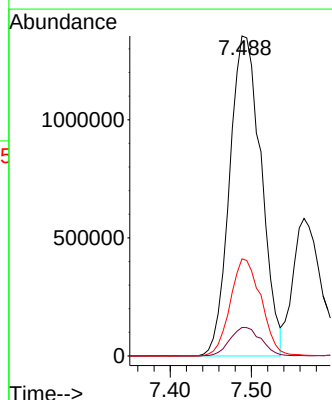
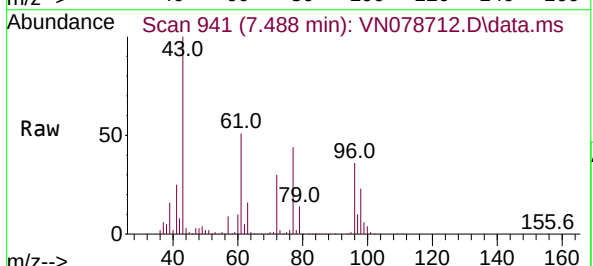
Tgt Ion: 43 Resp: 3654299

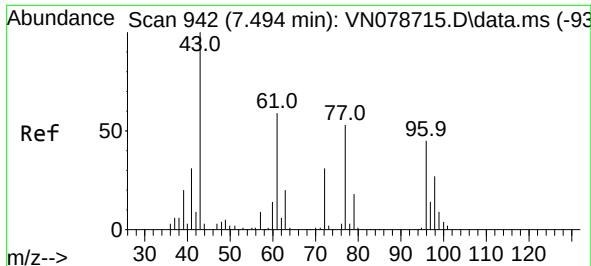
Ion Ratio Lower Upper

43 100

57 8.8 6.8 10.2

72 29.8 23.8 35.6

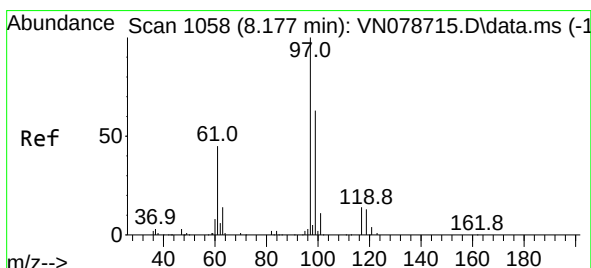
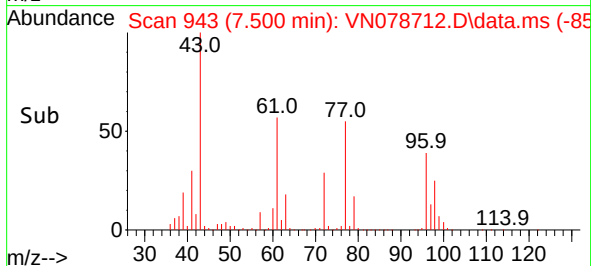
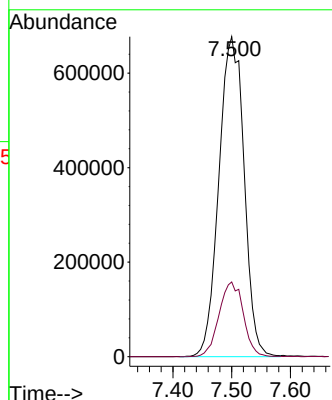
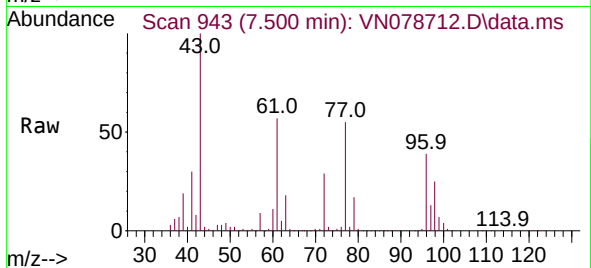




#31
2,2-Dichloropropane
Concen: 238.847 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

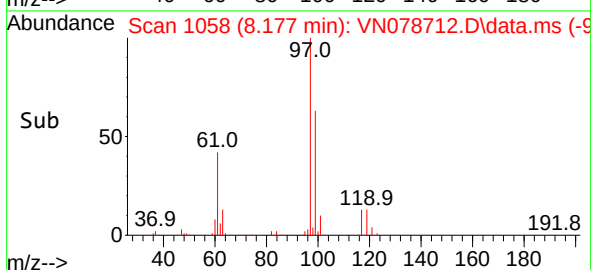
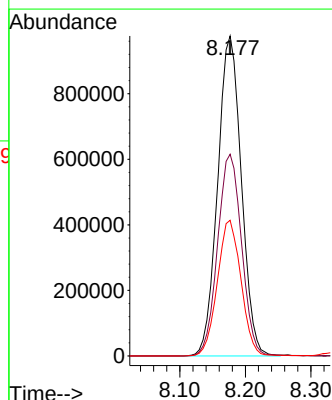
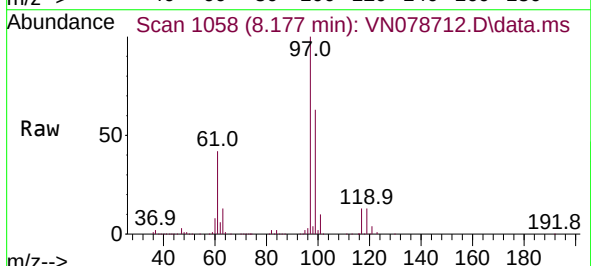
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

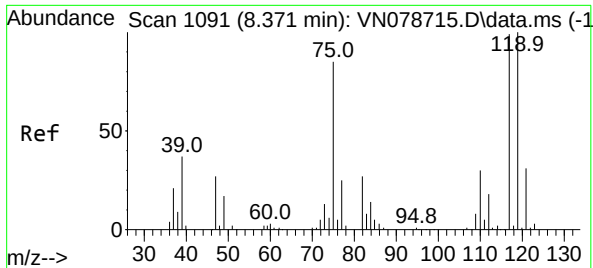
Tgt Ion: 77 Resp: 2016037
Ion Ratio Lower Upper
77 100
97 22.5 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 259.218 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 97 Resp: 2446824
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 42.3 34.6 52.0

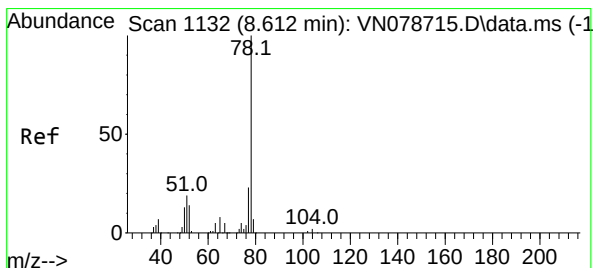
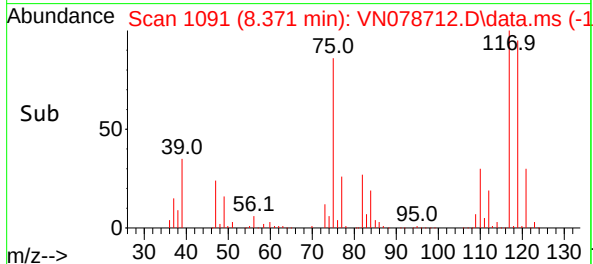
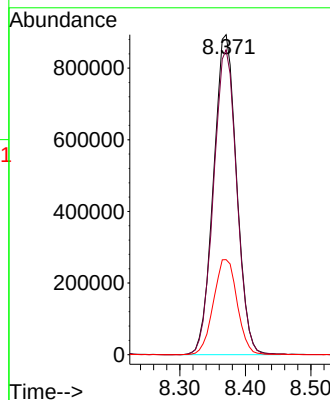
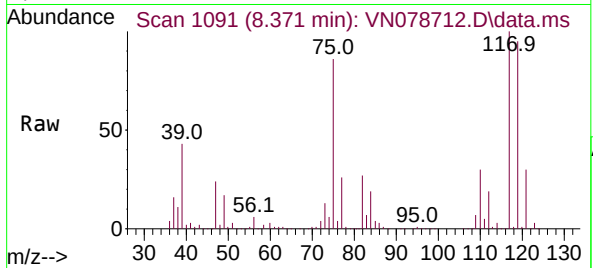




#33
Carbon Tetrachloride
Concen: 262.721 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

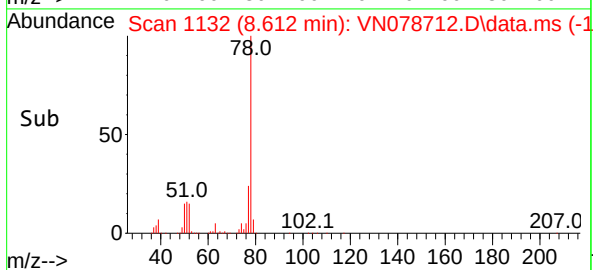
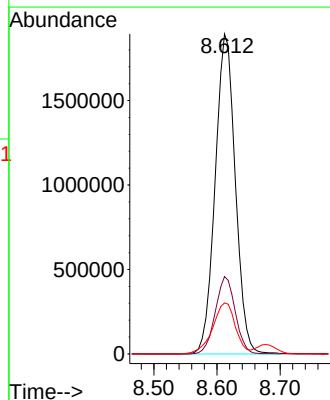
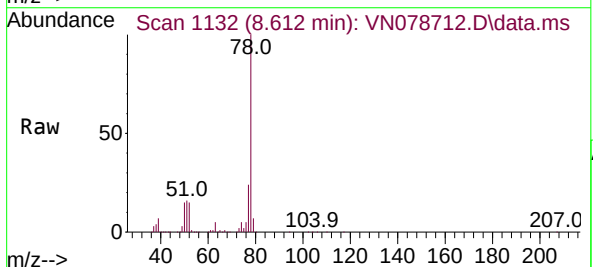
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

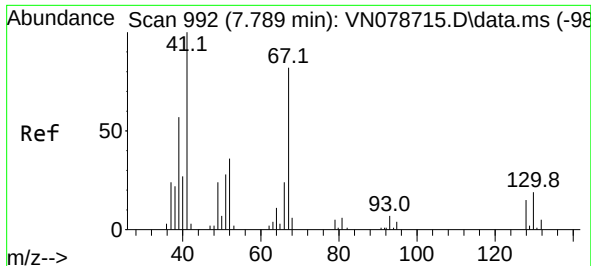
Tgt Ion:117 Resp: 2185391
Ion Ratio Lower Upper
117 100
119 95.3 81.4 122.0
121 29.7 23.6 35.4



#34
Benzene
Concen: 188.694 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 78 Resp: 4200345
Ion Ratio Lower Upper
78 100
77 24.2 18.3 27.5
51 15.9 13.7 20.5



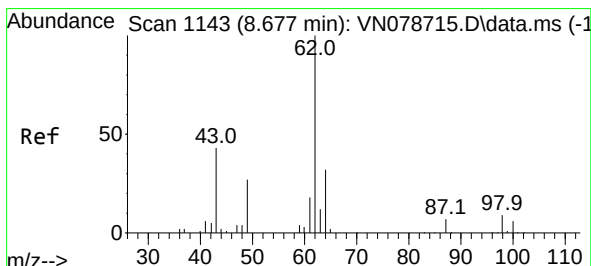
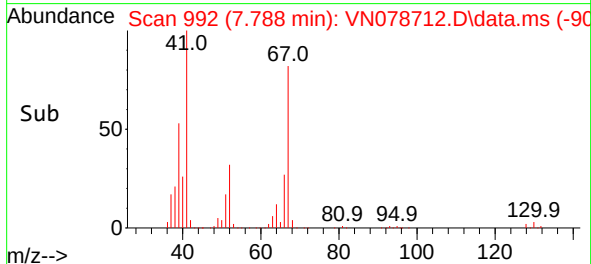
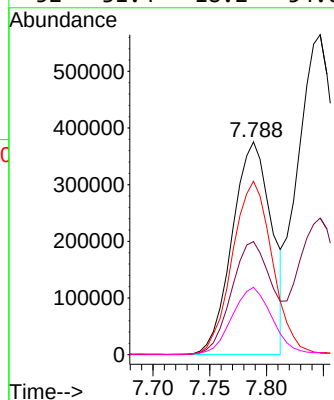
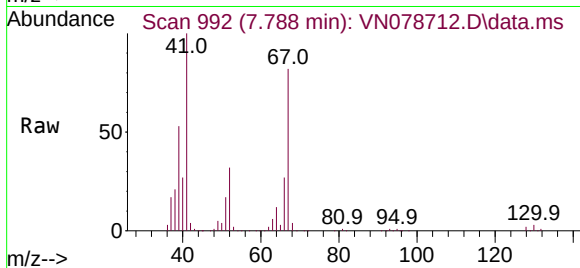


#35
Methacrylonitrile
Concen: 279.886 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.001 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 905569

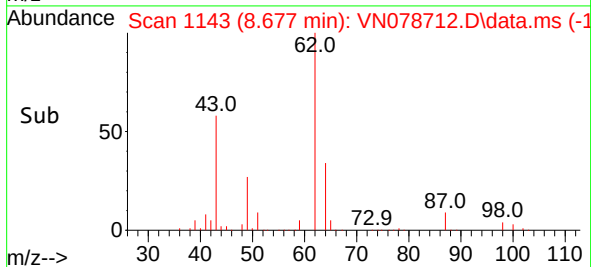
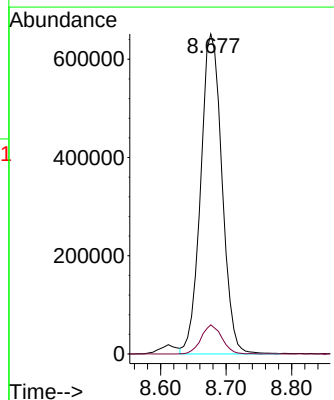
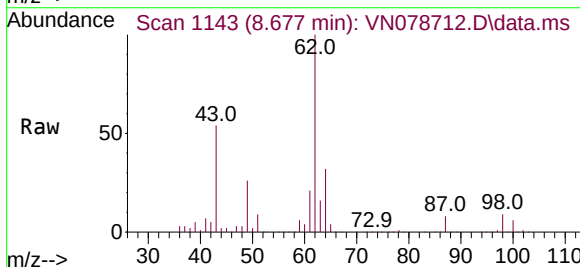
Ion	Ratio	Lower	Upper
41	100		
39	53.0	33.9	101.6
67	81.6	45.9	137.6
52	31.4	18.2	54.6

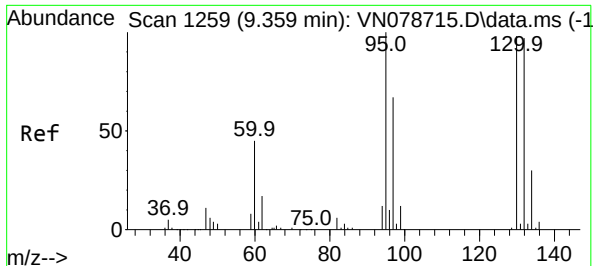


#36
1,2-Dichloroethane
Concen: 188.061 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 62 Resp: 1476839

Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.4	11.0





#37

Trichloroethene

Concen: 182.044 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

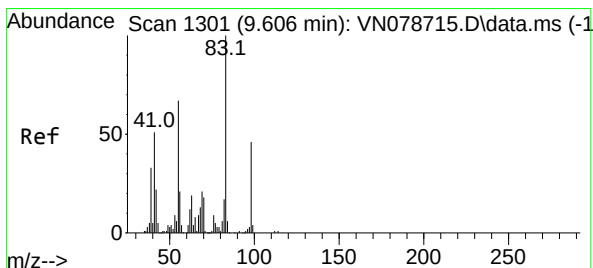
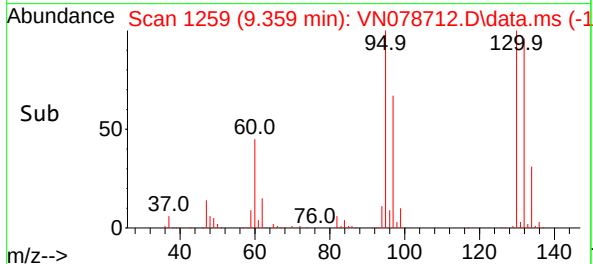
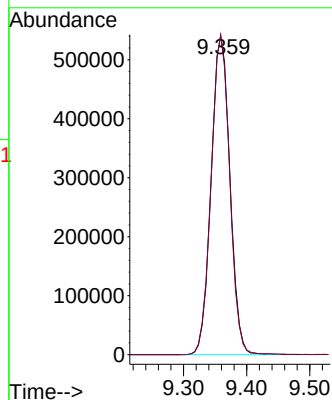
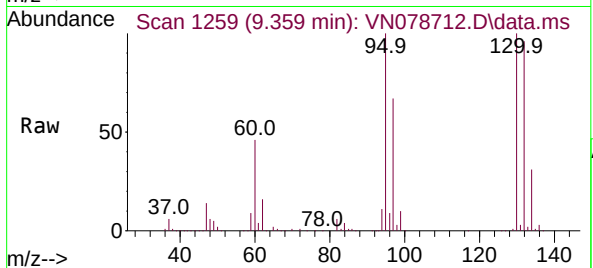
VSTDIC150

Tgt Ion:130 Resp: 1116310

Ion Ratio Lower Upper

130 100

95 100.5 78.2 117.4



#38

Methylcyclohexane

Concen: 196.983 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

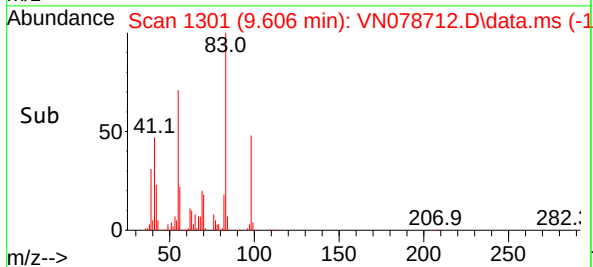
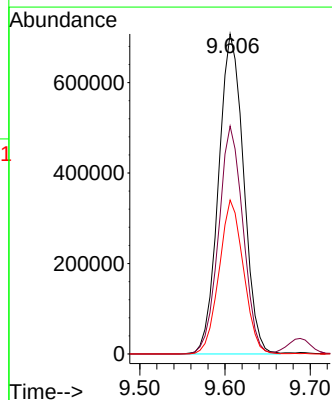
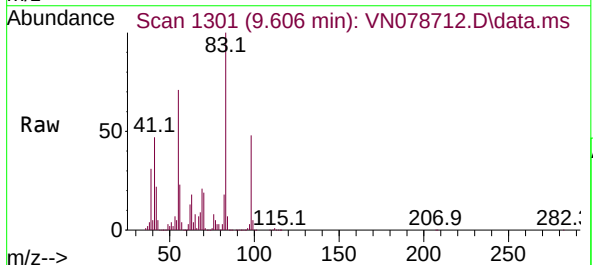
Tgt Ion: 83 Resp: 1443994

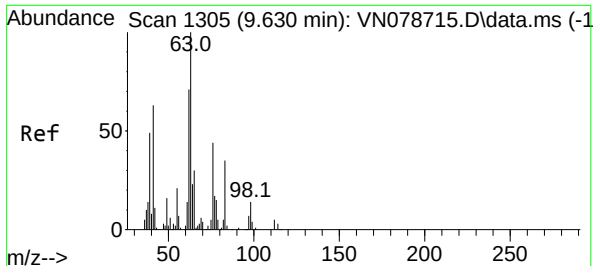
Ion Ratio Lower Upper

83 100

55 69.5 34.0 102.0

98 46.9 23.0 69.0





#39

1,2-Dichloropropane

Concen: 182.854 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

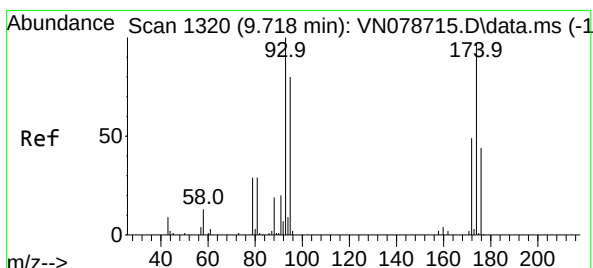
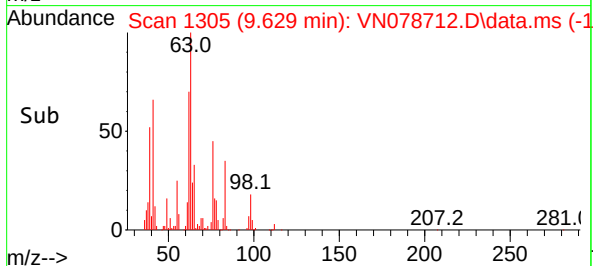
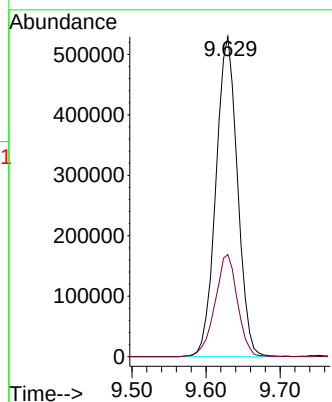
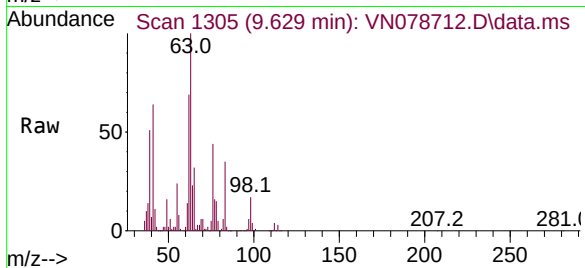
VSTDIC150

Tgt Ion: 63 Resp: 1068146

Ion Ratio Lower Upper

63 100

65 31.9 27.4 41.2



#40

Dibromomethane

Concen: 187.404 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

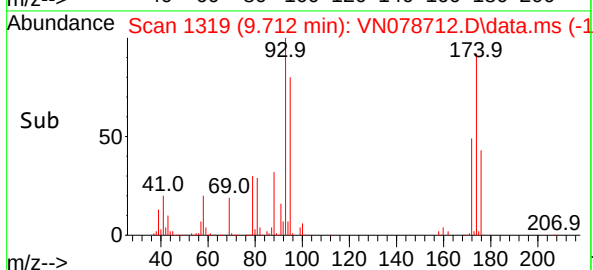
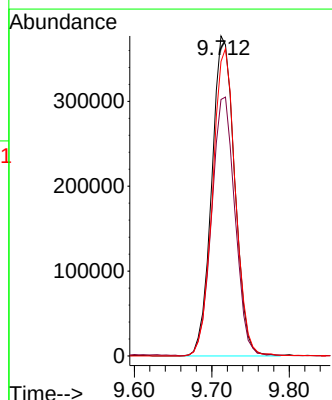
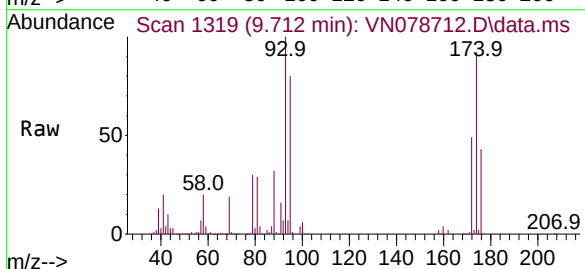
Tgt Ion: 93 Resp: 776262

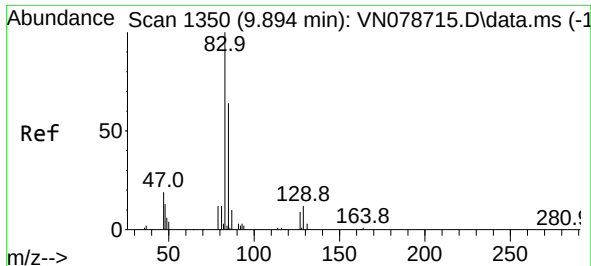
Ion Ratio Lower Upper

93 100

95 82.0 0.0 167.8

174 94.7 0.0 180.8

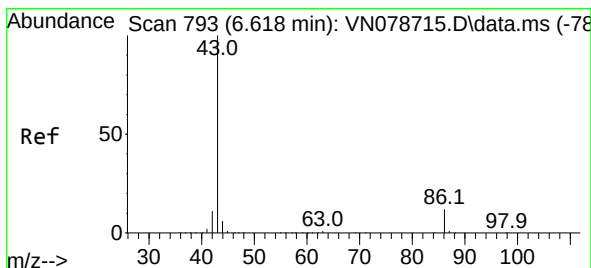
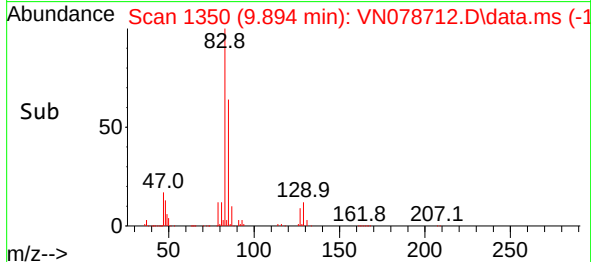
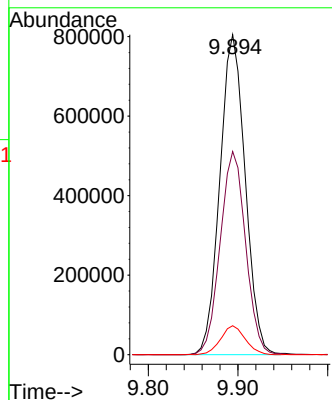
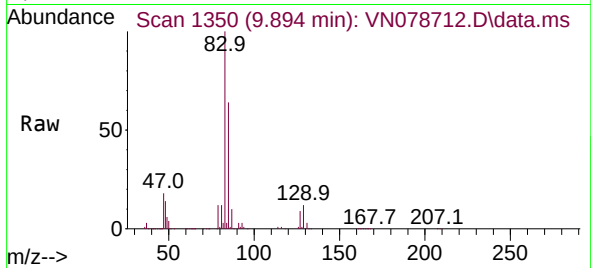




#41
Bromodichloromethane
Concen: 190.261 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

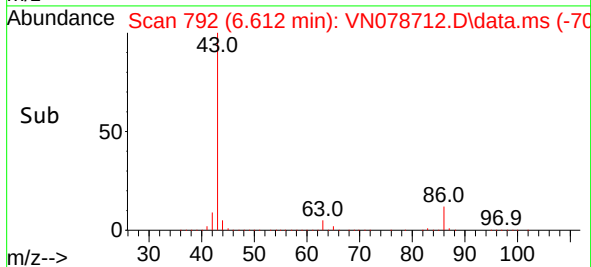
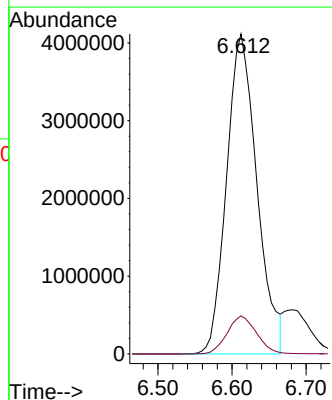
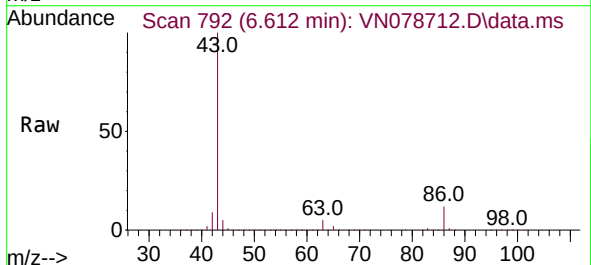
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

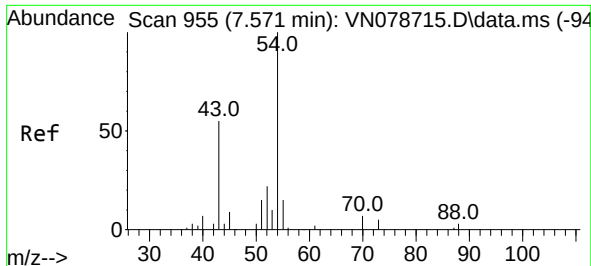
Tgt Ion: 83 Resp: 1577209
Ion Ratio Lower Upper
83 100
85 63.5 54.1 81.1
127 9.1 7.8 11.6



#42
Vinyl Acetate
Concen: 1203.251 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 43 Resp: 11718346
Ion Ratio Lower Upper
43 100
86 11.6 9.4 14.0

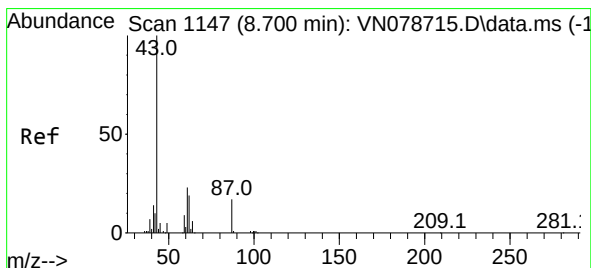
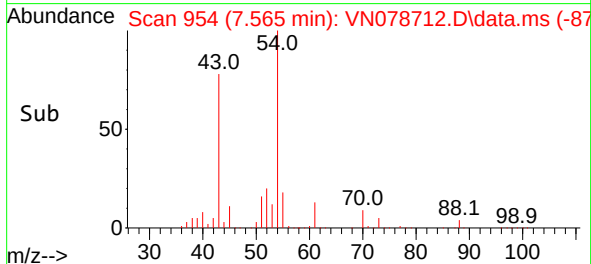
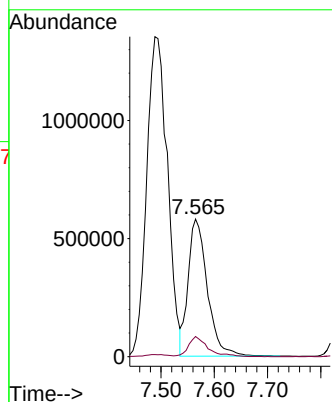
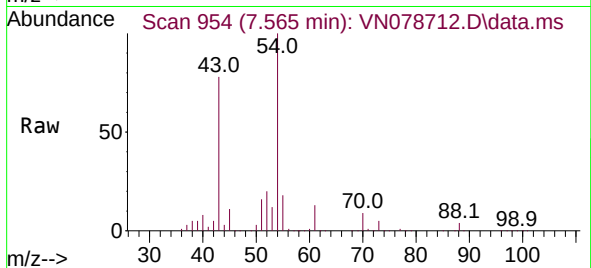




#43
Ethyl Acetate
Concen: 237.526 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

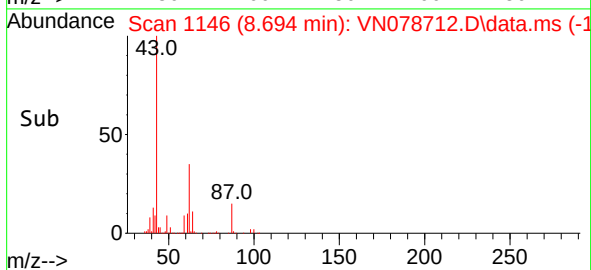
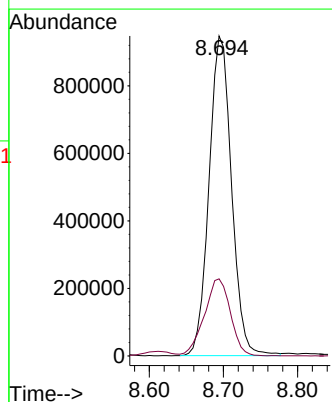
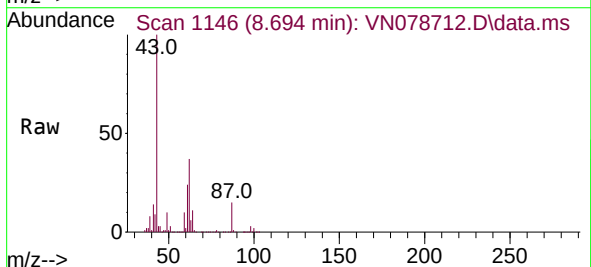
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

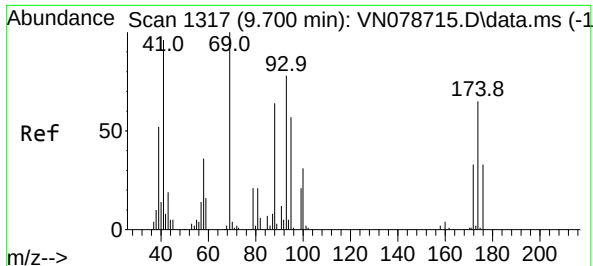
Tgt Ion: 43 Resp: 1456147
Ion Ratio Lower Upper
43 100
45 12.3 10.9 16.3



#44
Isopropyl Acetate
Concen: 186.347 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 43 Resp: 1998896
Ion Ratio Lower Upper
43 100
61 27.9 23.0 34.6

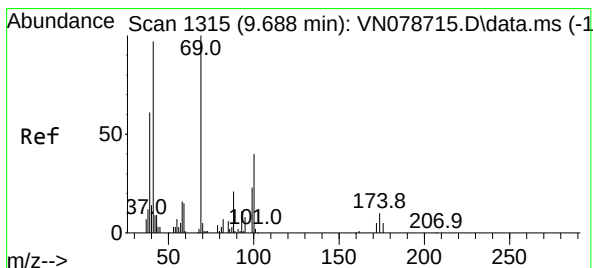
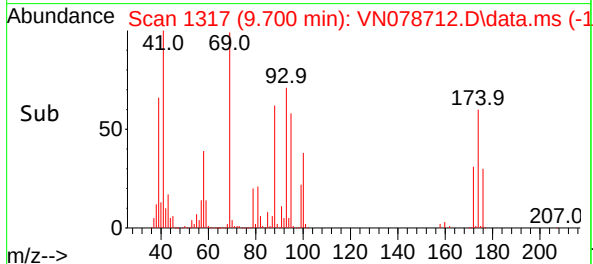
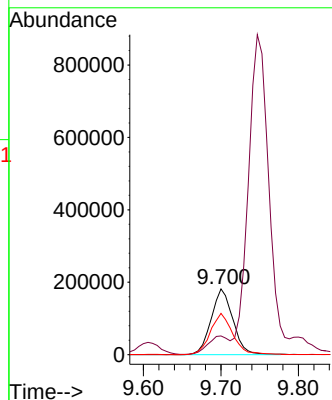
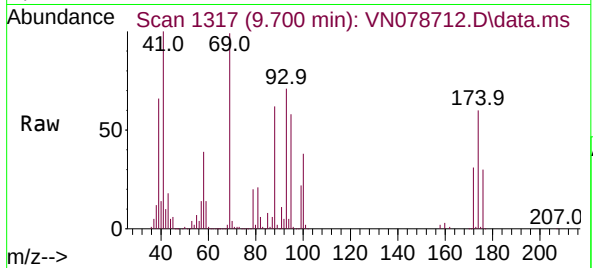




#45
1,4-Dioxane
Concen: 3669.050 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

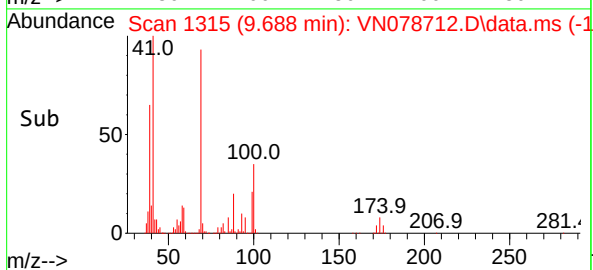
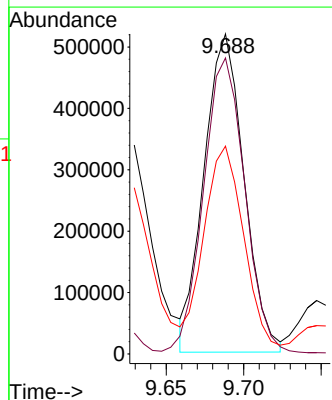
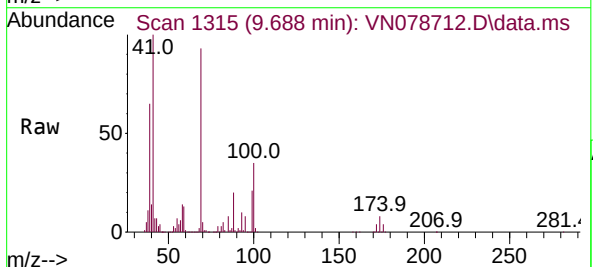
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MSVOA_N
ClientSampleId :
VSTDIC150

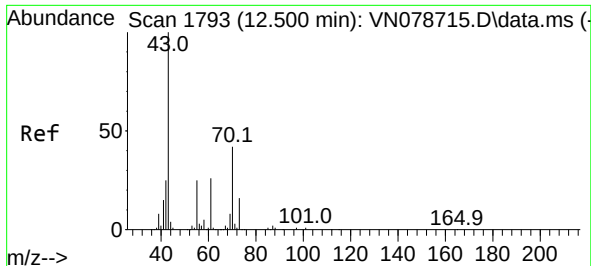
Tgt Ion: 88 Resp: 353348
Ion Ratio Lower Upper
88 100
43 27.1 19.0 28.6
58 65.1 48.2 72.2



#46
Methyl methacrylate
Concen: 194.122 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 41 Resp: 929669
Ion Ratio Lower Upper
41 100
69 93.8 49.0 147.0
39 64.6 31.6 94.8

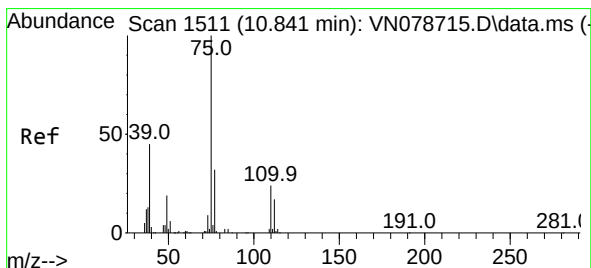
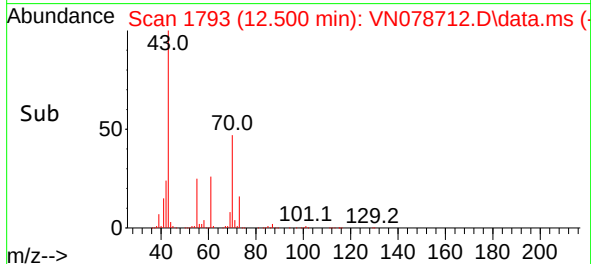
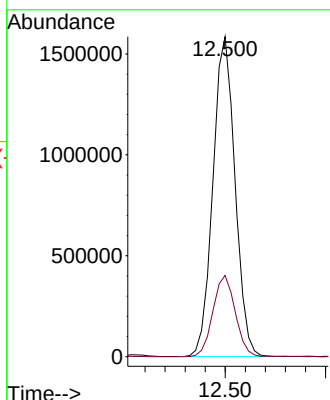
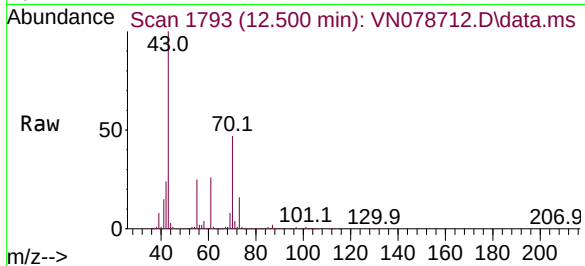




#47
n-amy1 Acetate
Concen: 308.906 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

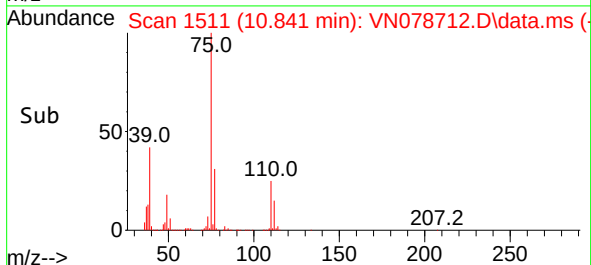
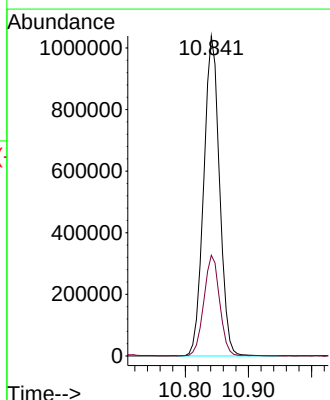
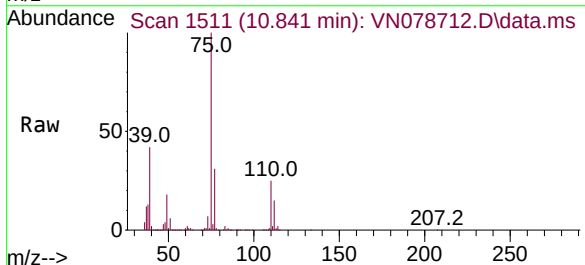
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

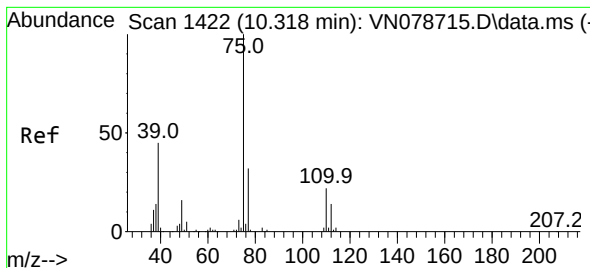
Tgt Ion: 43 Resp: 2424024
Ion Ratio Lower Upper
43 100
55 25.6 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 205.435 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 75 Resp: 1808723
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1



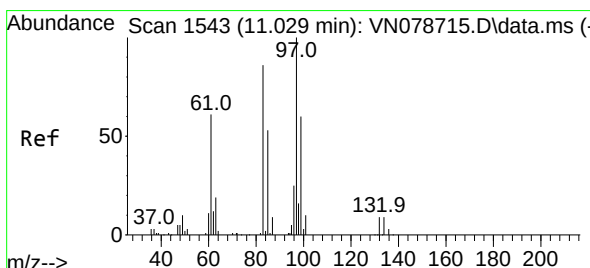
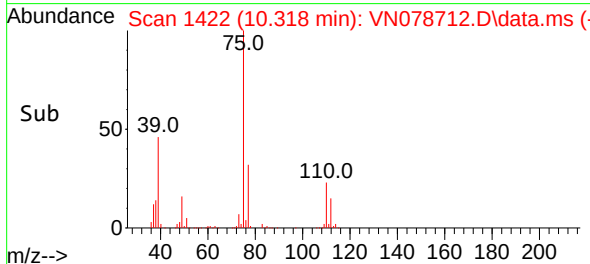
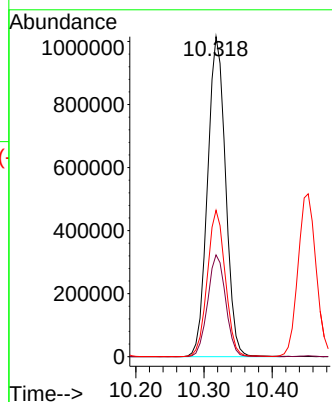
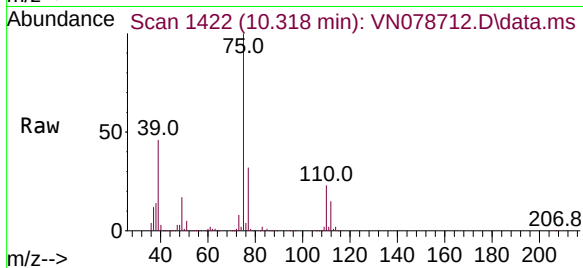


#49
 cis-1,3-Dichloropropene
 Concen: 199.987 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078712.D
 Acq: 01 Aug 2023 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 75 Resp: 1865657

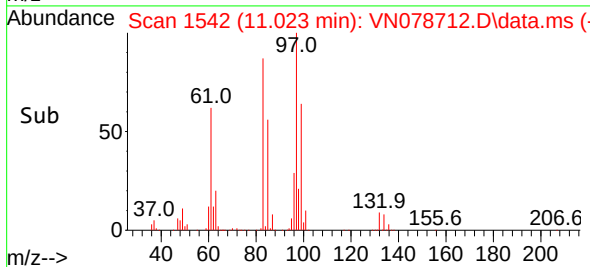
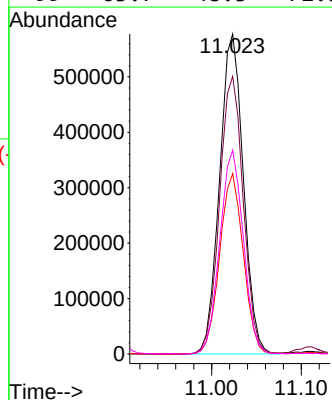
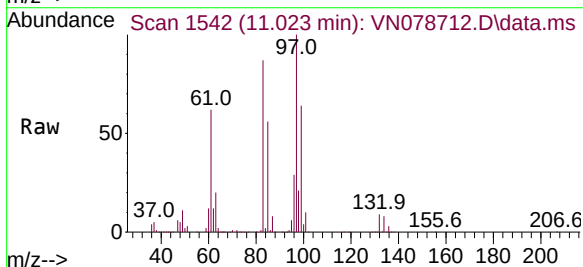
Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.0	36.0
39	45.7	35.1	52.7

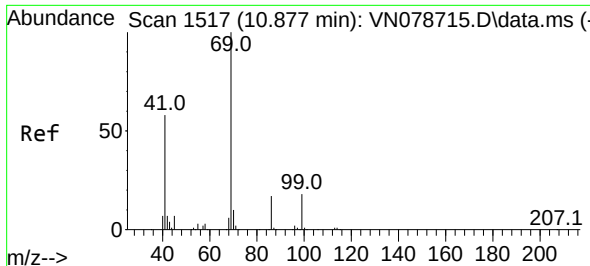


#50
 1,1,2-Trichloroethane
 Concen: 178.204 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. -0.006 min
 Lab File: VN078712.D
 Acq: 01 Aug 2023 12:59

Tgt Ion: 97 Resp: 1061328

Ion	Ratio	Lower	Upper
97	100		
83	86.7	66.8	100.2
85	56.3	42.5	63.7
99	63.7	48.3	72.5

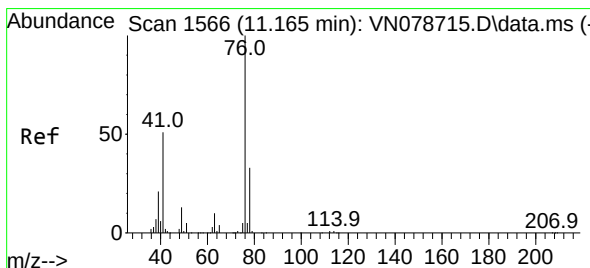
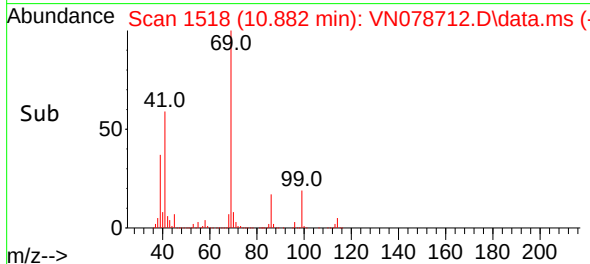
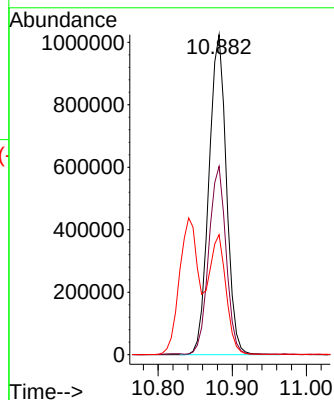
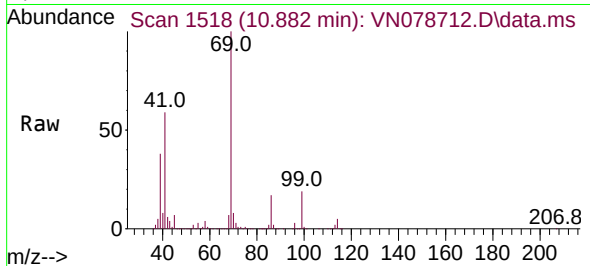




#51
Ethyl methacrylate
Concen: 210.645 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

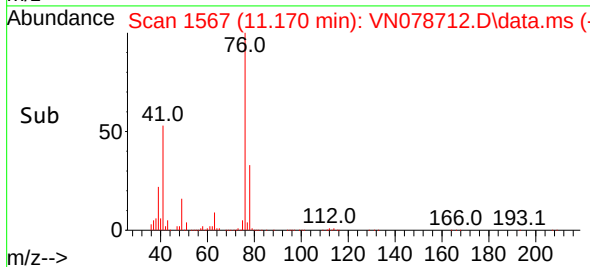
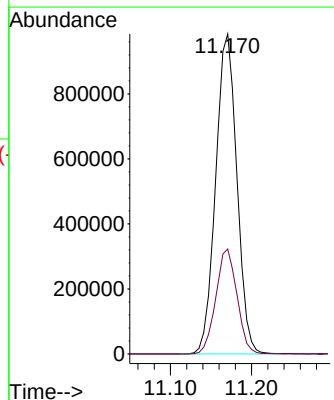
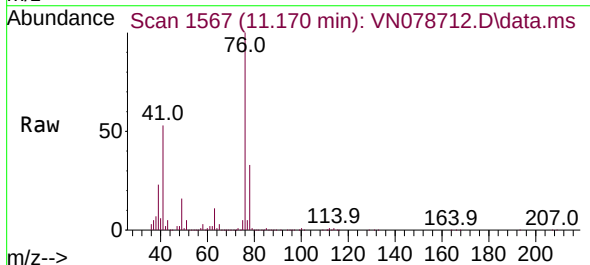
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

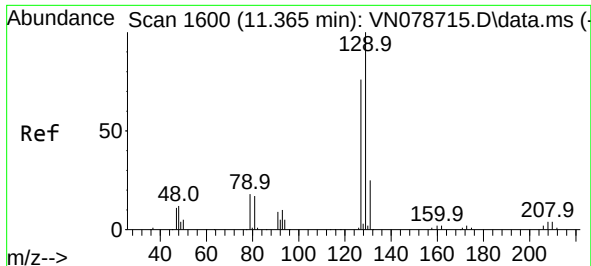
Tgt Ion: 69 Resp: 1677478
Ion Ratio Lower Upper
69 100
41 58.7 26.0 78.0
39 37.4 16.3 48.9



#52
1,3-Dichloropropane
Concen: 164.978 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.005 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 76 Resp: 1784789
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.2

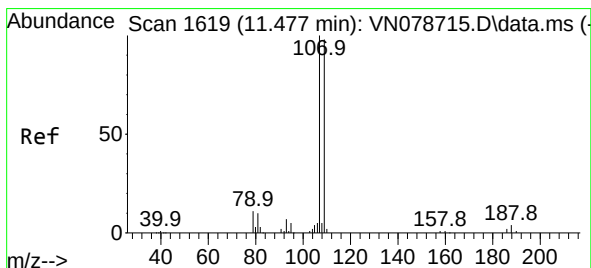
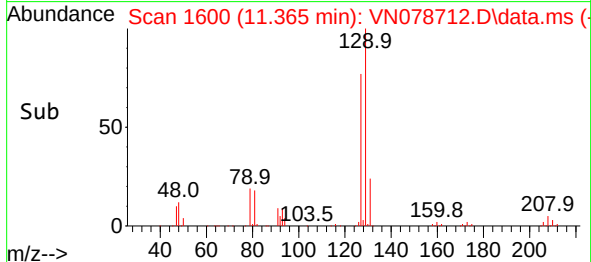
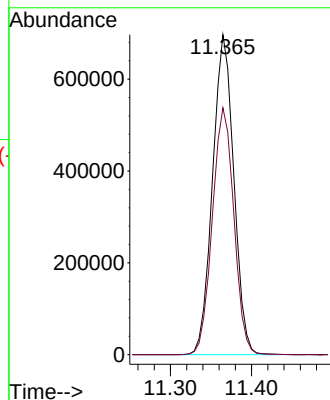
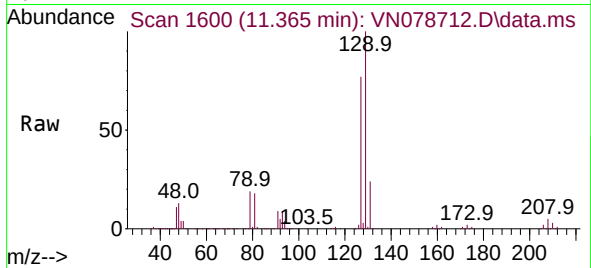




#53
Dibromochloromethane
Concen: 192.415 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

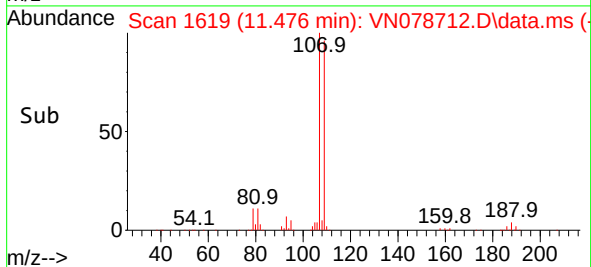
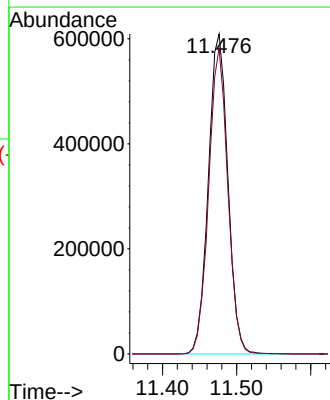
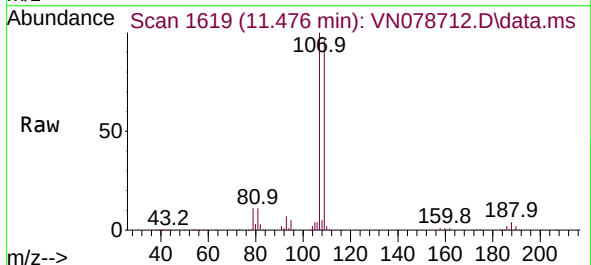
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

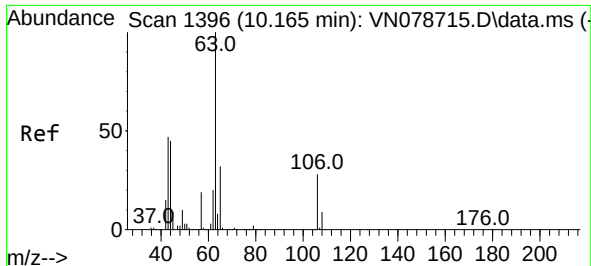
Tgt Ion:129 Resp: 1267003
Ion Ratio Lower Upper
129 100
127 78.2 39.4 118.1



#54
1,2-Dibromoethane
Concen: 189.221 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.001 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion:107 Resp: 1112613
Ion Ratio Lower Upper
107 100
109 93.5 74.6 112.0

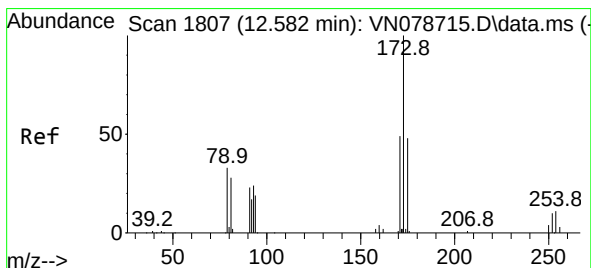
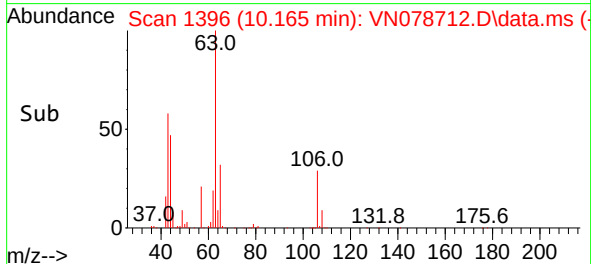
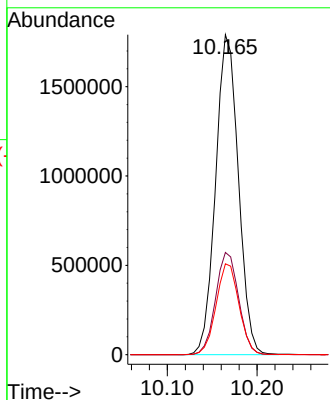
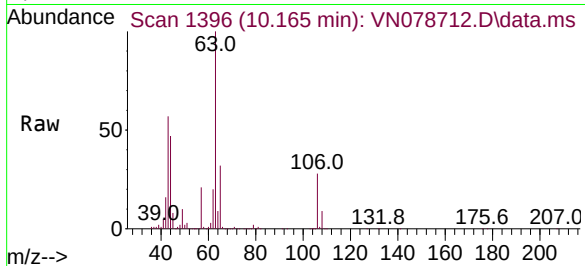




#55
2-Chloroethyl vinyl ether
Concen: 1243.210 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

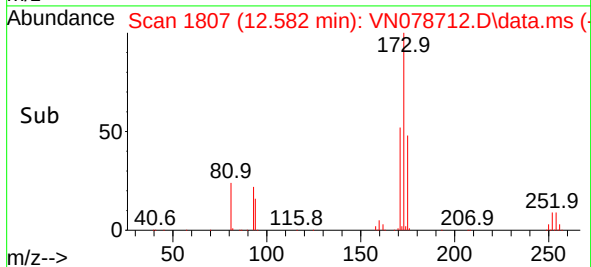
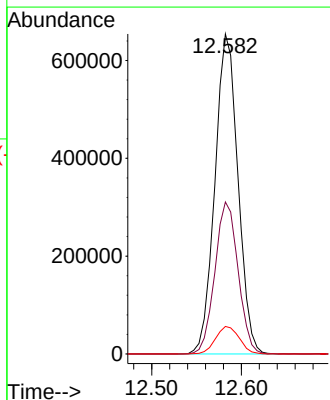
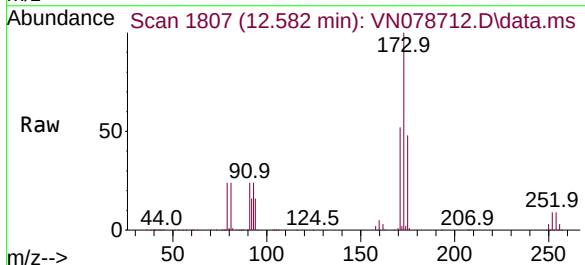
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

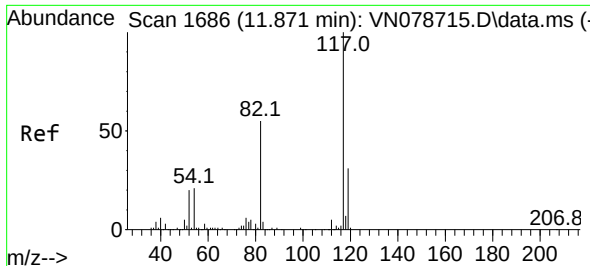
Tgt Ion: 63 Resp: 3155132
Ion Ratio Lower Upper
63 100
65 32.2 26.3 39.5
106 28.7 23.8 35.6



#56
Bromoform
Concen: 281.399 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 173 Resp: 1166334
Ion Ratio Lower Upper
173 100
175 47.7 40.7 61.1
254 8.9 6.5 9.7

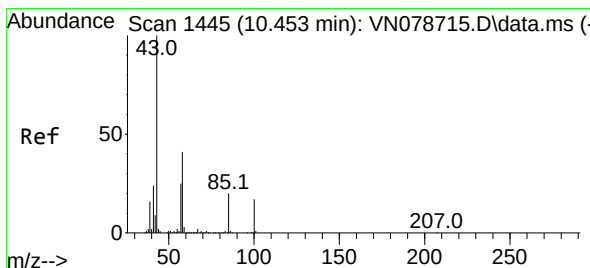
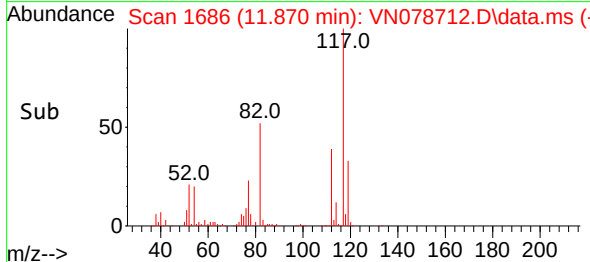
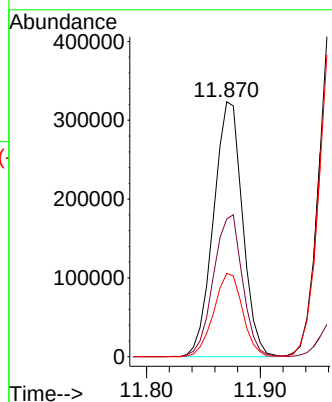
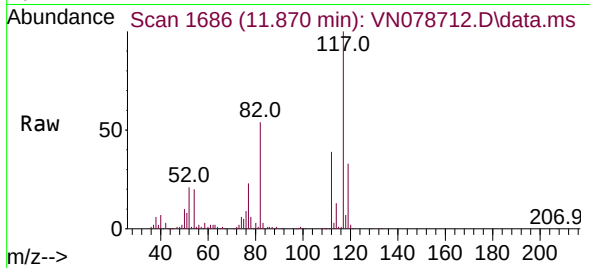




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

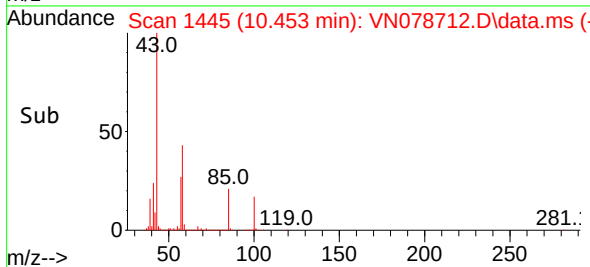
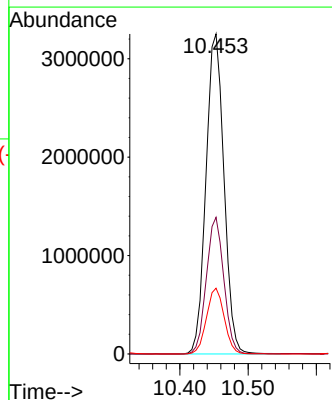
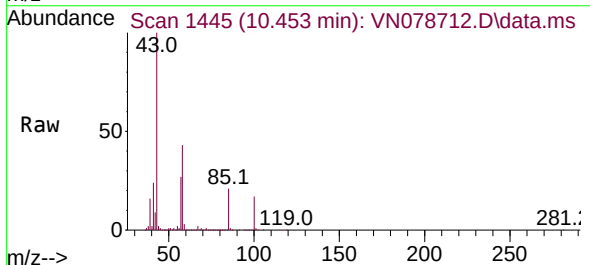
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

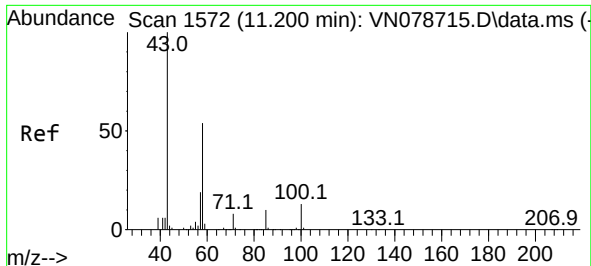
Tgt Ion:117 Resp: 573947
Ion Ratio Lower Upper
117 100
82 55.9 43.9 65.9
119 32.5 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 810.702 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 43 Resp: 5969078
Ion Ratio Lower Upper
43 100
58 41.5 32.6 48.8
85 20.3 16.2 24.2

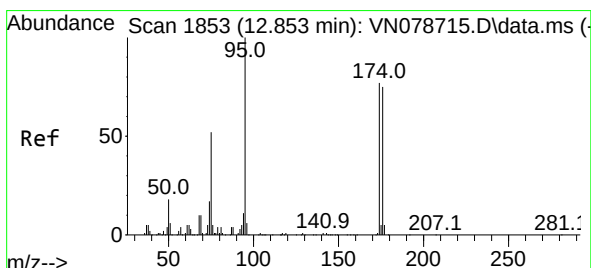
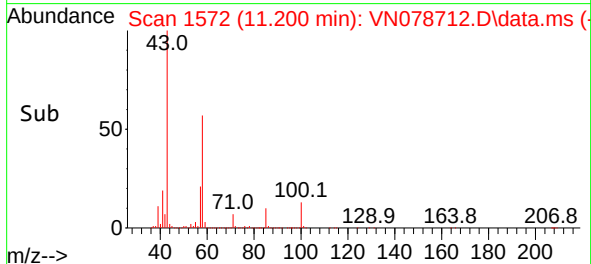
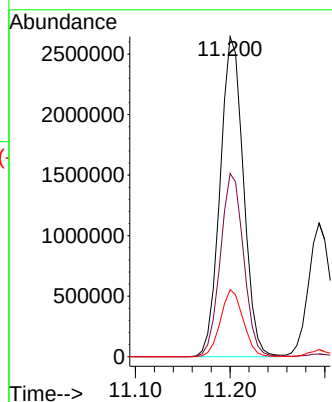
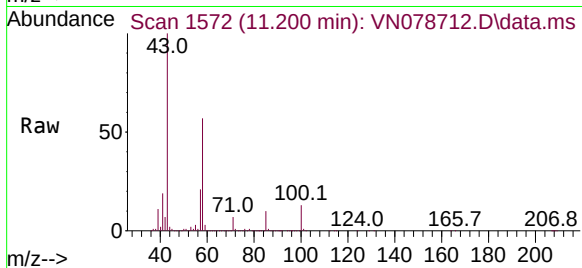




#59
2-Hexanone
Concen: 809.809 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

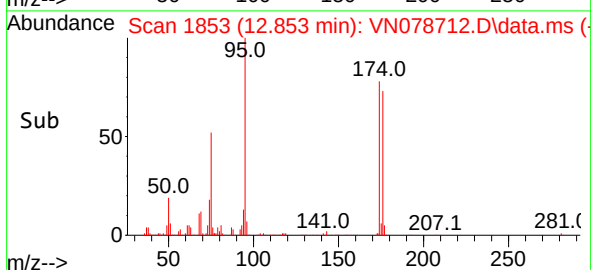
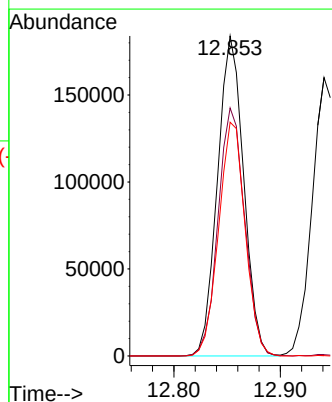
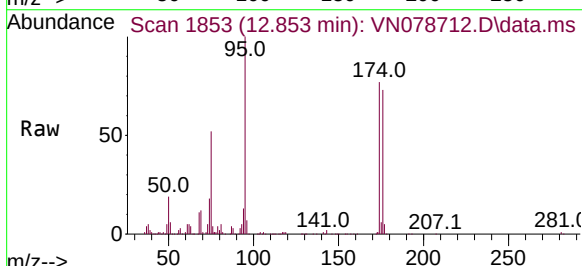
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

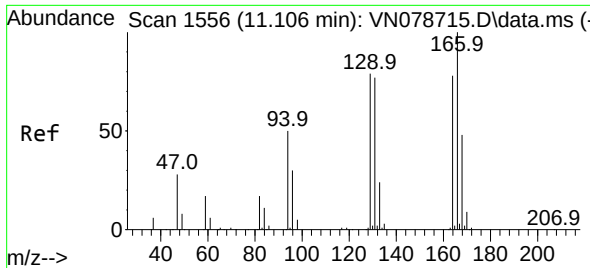
Tgt Ion: 43 Resp: 4525904
Ion Ratio Lower Upper
43 100
58 57.2 45.9 68.9
57 20.4 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 37.921 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 95 Resp: 313574
Ion Ratio Lower Upper
95 100
174 78.6 61.7 92.5
176 74.1 58.1 87.1

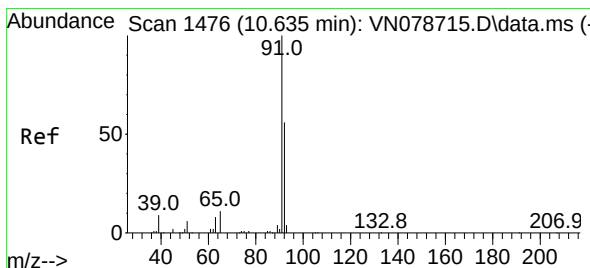
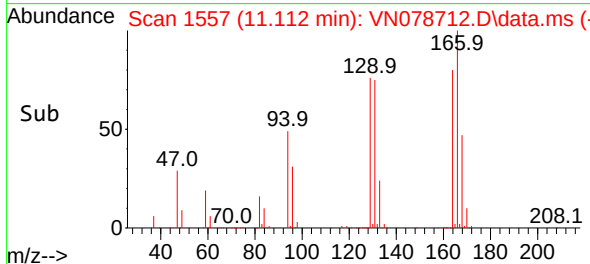
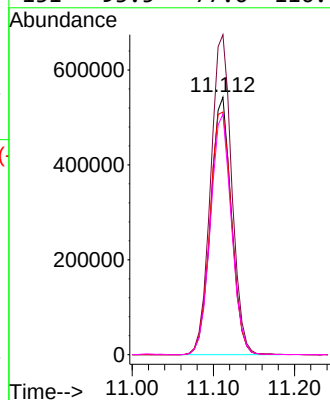
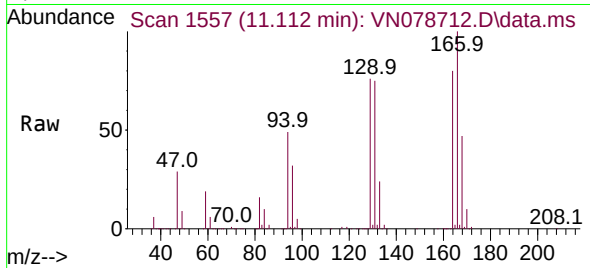




#61
Tetrachloroethene
Concen: 146.784 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

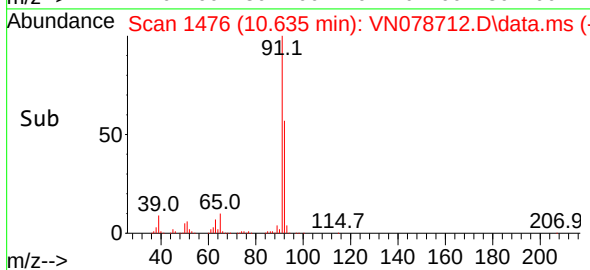
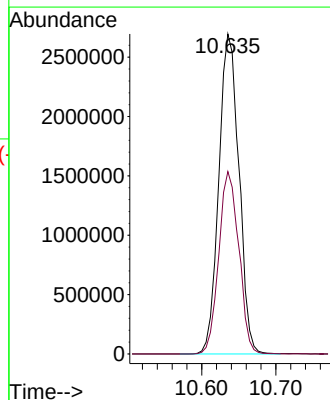
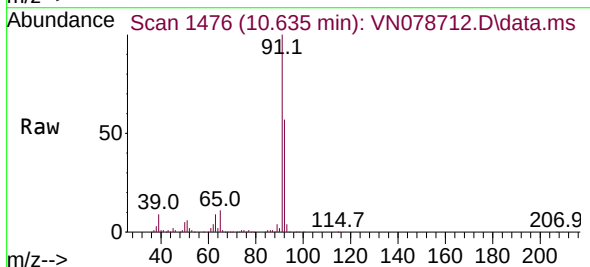
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

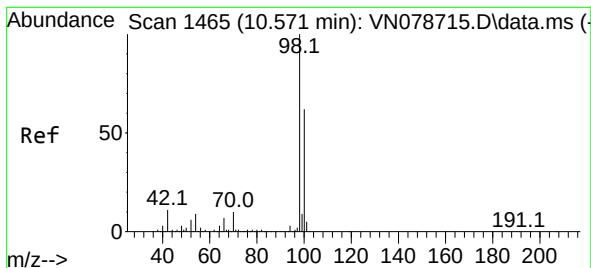
Tgt Ion:164 Resp: 963253
Ion Ratio Lower Upper
164 100
166 124.3 99.1 148.7
129 94.3 85.6 128.4
131 93.5 77.6 116.4



#62
Toluene
Concen: 172.375 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 91 Resp: 5077880
Ion Ratio Lower Upper
91 100
92 56.8 45.2 67.8





#63

Toluene-d8

Concen: 27.404 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

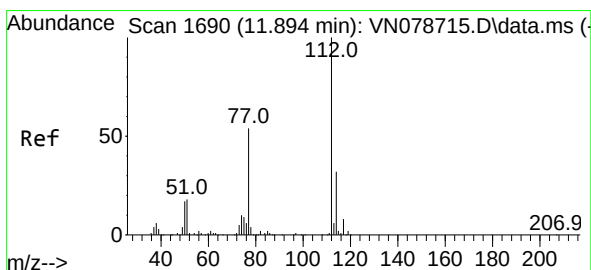
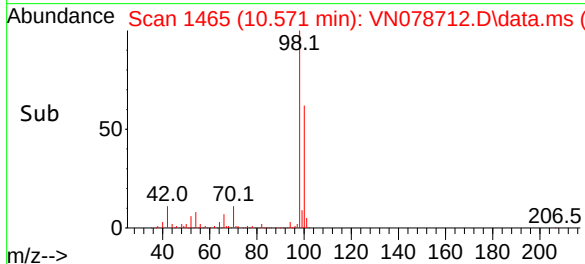
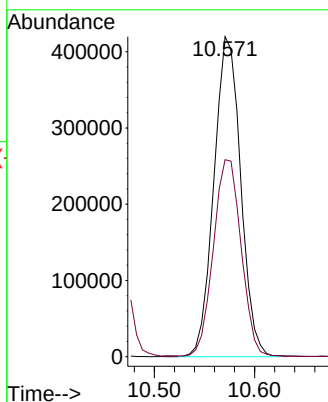
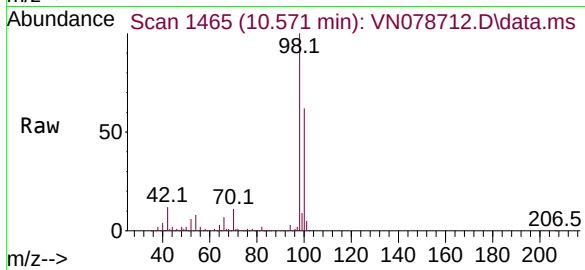
VSTDIC150

Tgt Ion: 98 Resp: 778920

Ion Ratio Lower Upper

98 100

100 63.9 49.7 74.5



#64

Chlorobenzene

Concen: 179.901 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN078712.D

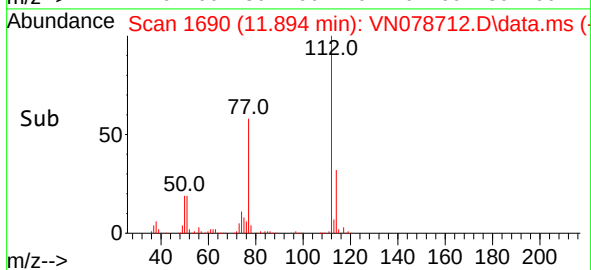
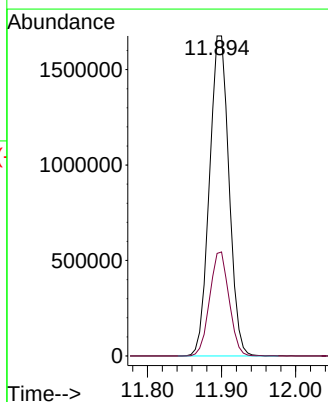
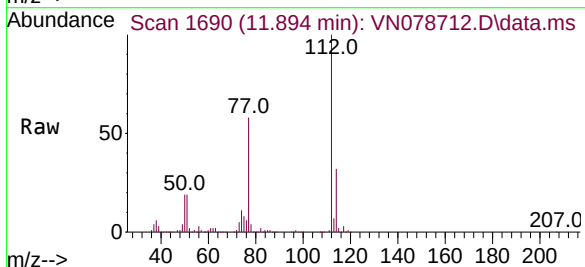
Acq: 01 Aug 2023 12:59

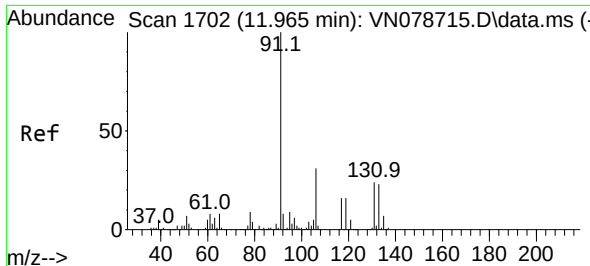
Tgt Ion: 112 Resp: 3063794

Ion Ratio Lower Upper

112 100

114 32.0 25.9 38.9

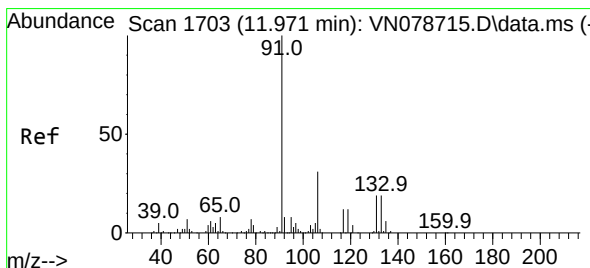
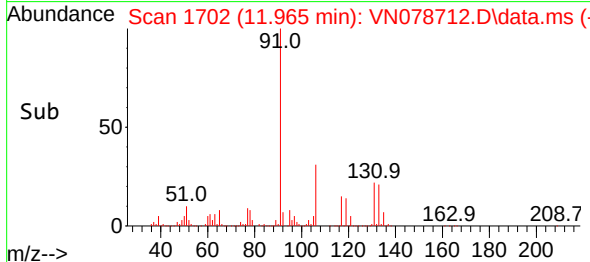
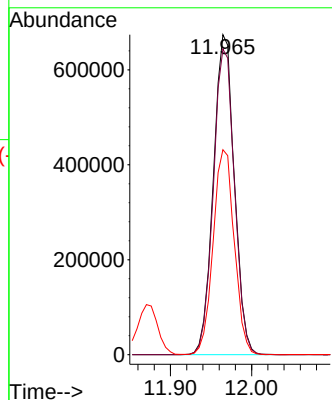
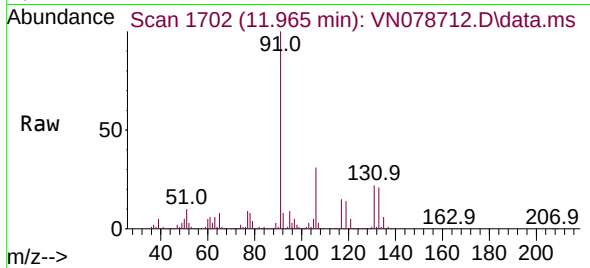




#65
1,1,1,2-Tetrachloroethane
Concen: 179.071 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

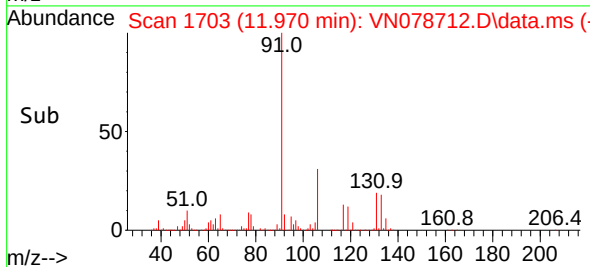
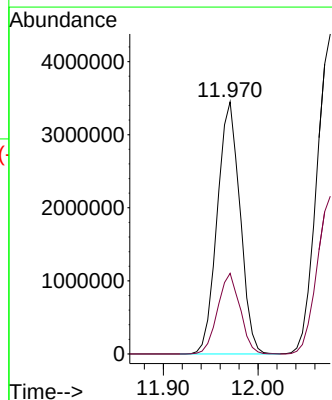
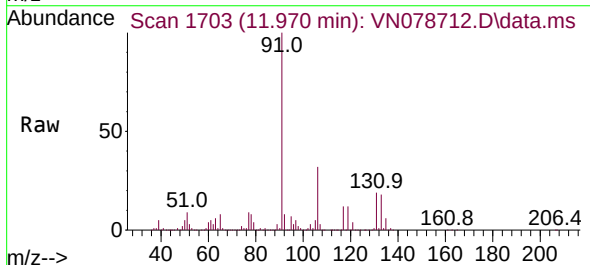
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

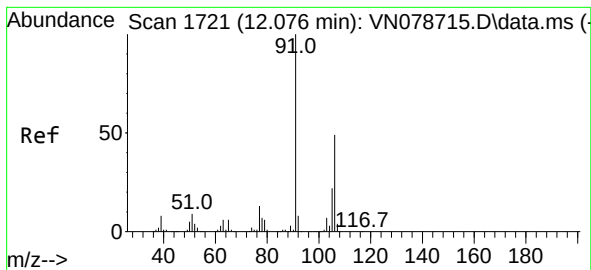
Tgt Ion:131 Resp: 1210809
Ion Ratio Lower Upper
131 100
133 96.2 0.0 191.8
119 64.6 0.0 132.0



#66
Ethyl Benzene
Concen: 197.951 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 91 Resp: 5764579
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

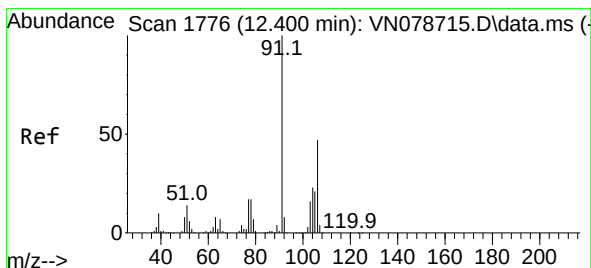
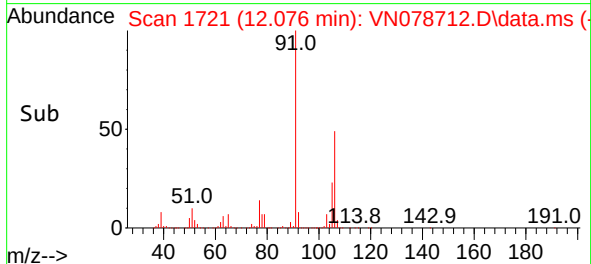
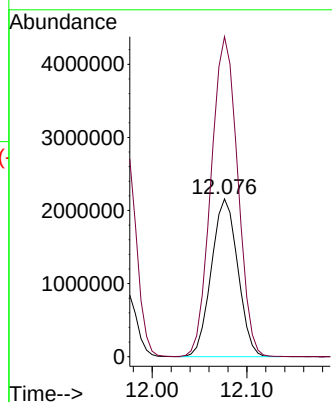
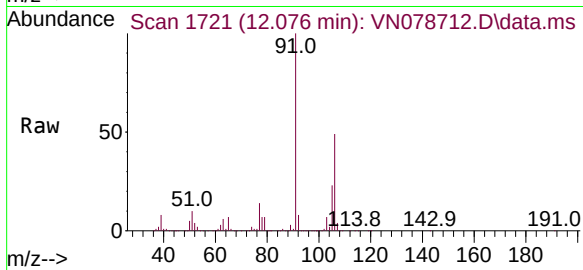




#67
m/p-Xylenes
Concen: 377.810 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

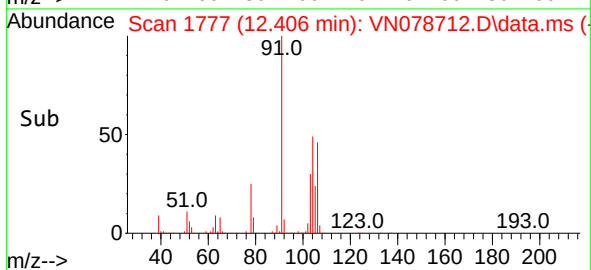
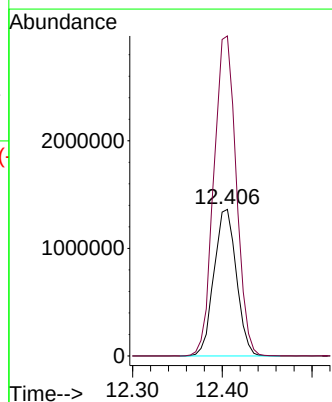
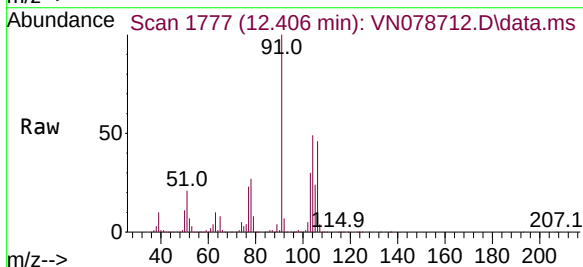
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

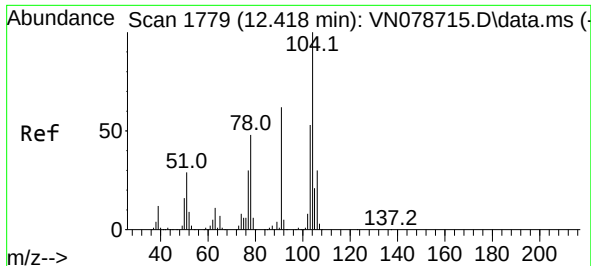
Tgt Ion:106 Resp: 4187376
Ion Ratio Lower Upper
106 100
91 204.5 162.5 243.7



#68
o-Xylene
Concen: 213.785 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion:106 Resp: 2367936
Ion Ratio Lower Upper
106 100
91 217.8 106.1 318.3

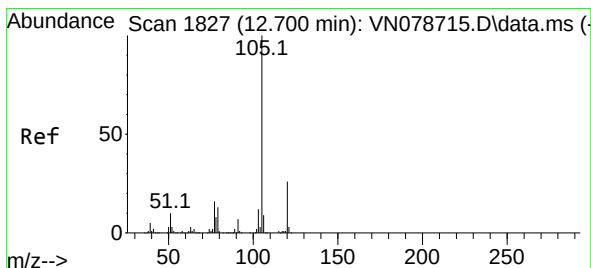
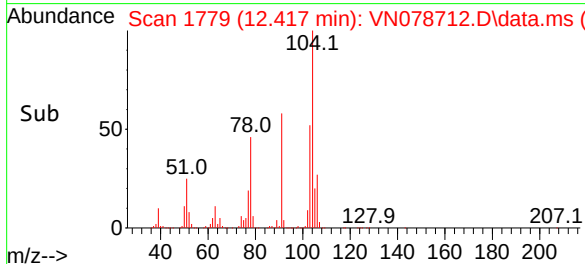
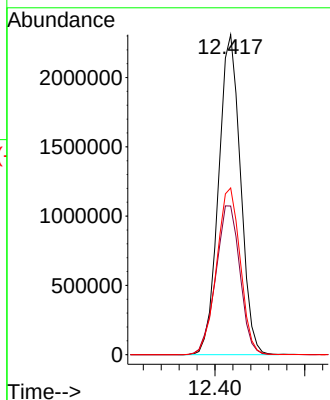
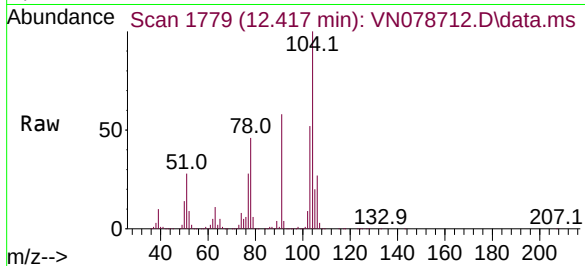




#69
Styrene
Concen: 227.062 ug/l
RT: 12.417 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

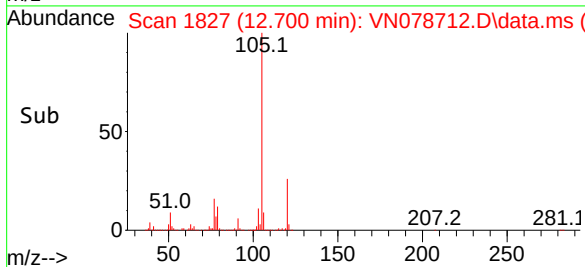
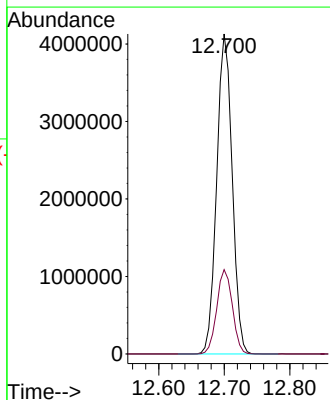
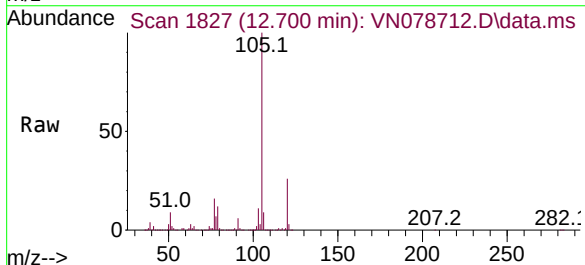
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

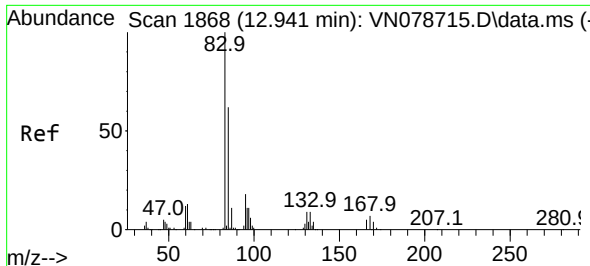
Tgt Ion:104 Resp: 3915453
Ion Ratio Lower Upper
104 100
78 51.2 40.1 60.1
103 56.2 45.1 67.7



#70
Isopropylbenzene
Concen: 244.680 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion:105 Resp: 6737989
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1

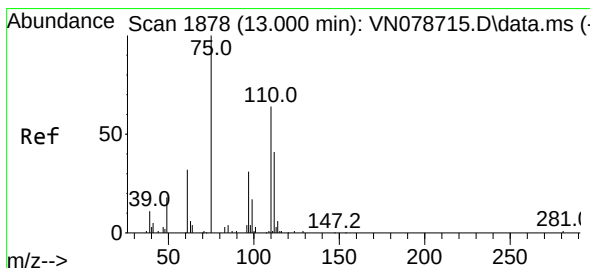
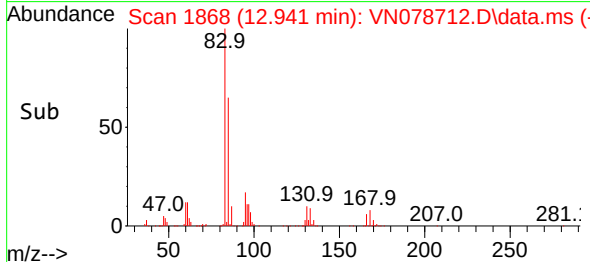
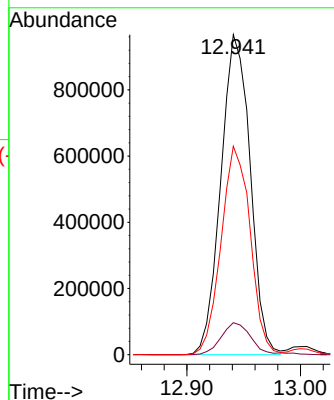
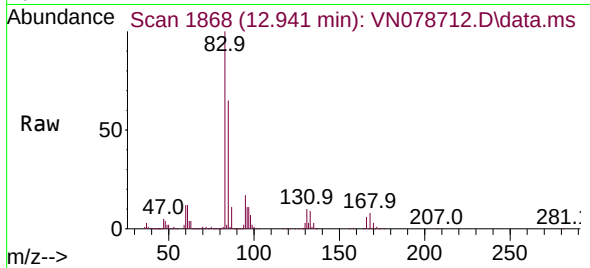




#71
1,1,2,2-Tetrachloroethane
Concen: 188.061 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

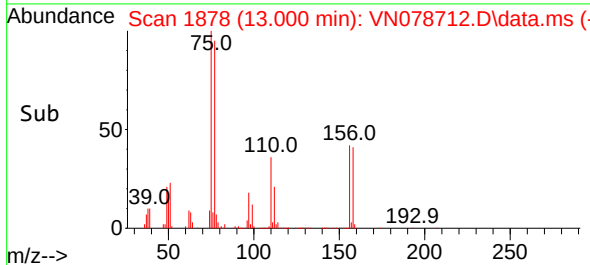
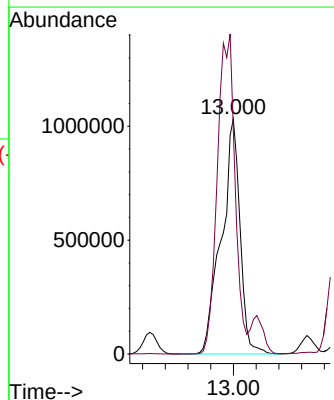
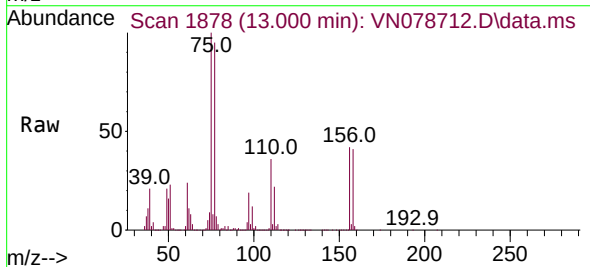
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

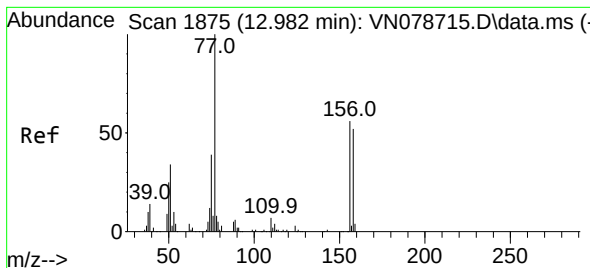
Tgt Ion: 83 Resp: 1733400
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 64.8 32.6 98.0



#72
1,2,3-Trichloropropane
Concen: 269.910 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 75 Resp: 2357947
Ion Ratio Lower Upper
75 100
77 129.0 0.0 387.4





#73

Bromobenzene

Concen: 210.178 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

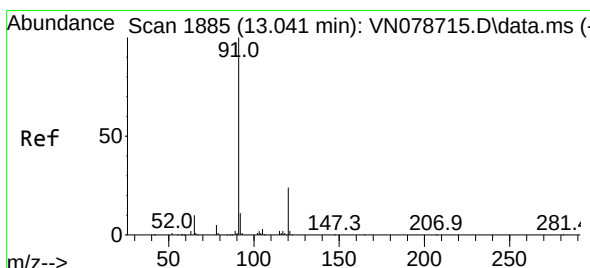
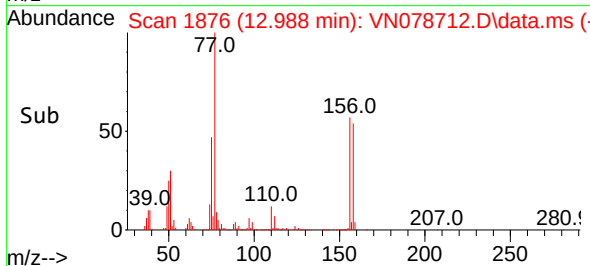
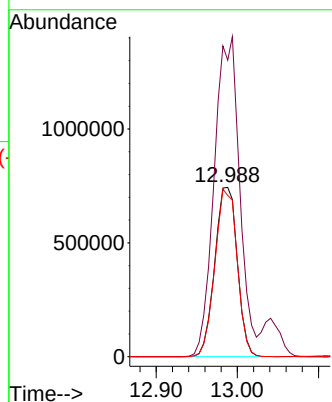
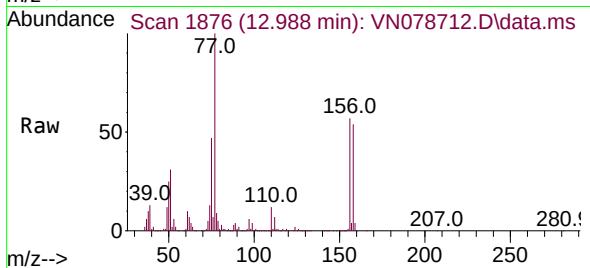
Tgt Ion:156 Resp: 1431814

Ion Ratio Lower Upper

156 100

77 212.4 0.0 420.8

158 97.9 0.0 193.2



#74

n-propylbenzene

Concen: 224.407 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078712.D

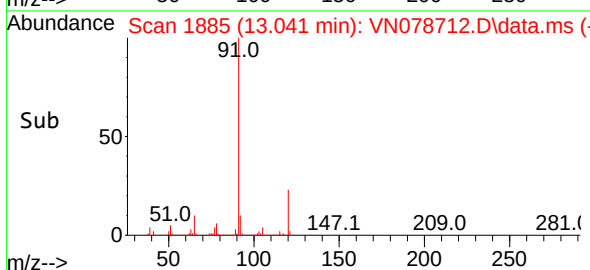
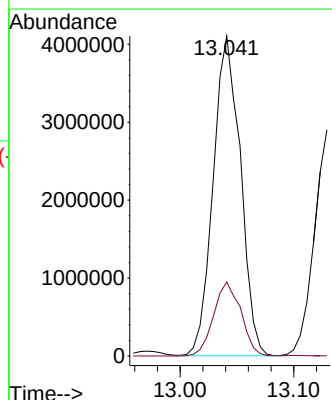
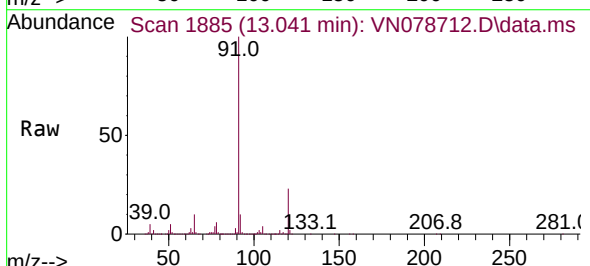
Acq: 01 Aug 2023 12:59

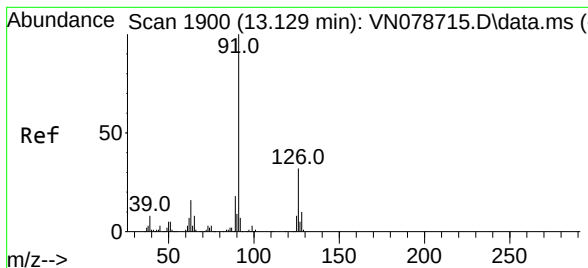
Tgt Ion: 91 Resp: 6836010

Ion Ratio Lower Upper

91 100

120 23.1 0.0 44.6

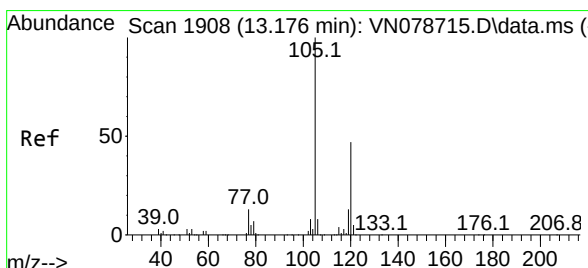
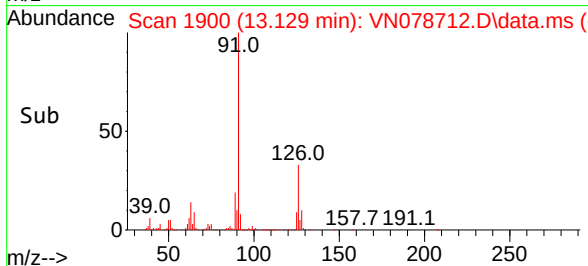
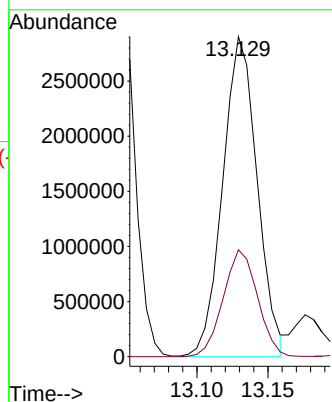
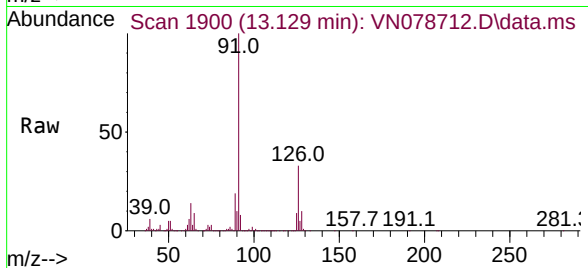




#75
2-Chlorotoluene
Concen: 252.435 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

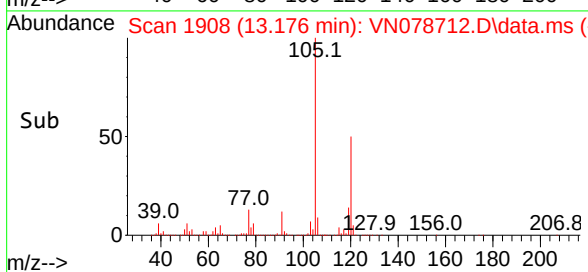
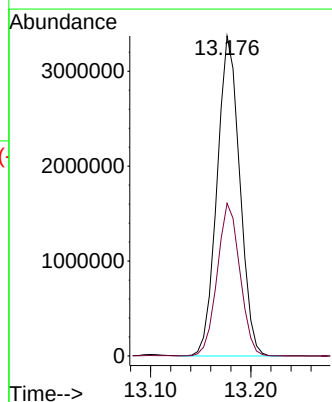
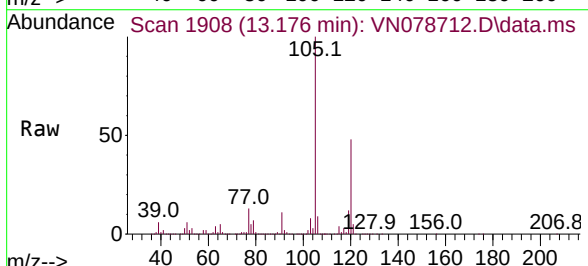
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

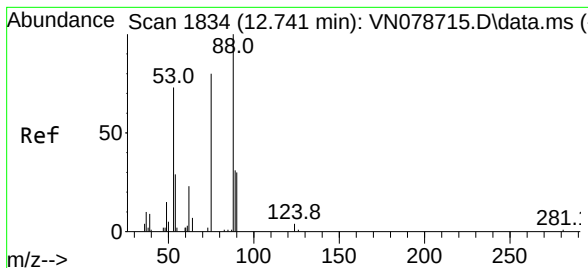
Tgt Ion: 91 Resp: 4889209
Ion Ratio Lower Upper
91 100
126 33.3 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 233.351 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 105 Resp: 5286840
Ion Ratio Lower Upper
105 100
120 47.7 0.0 97.2

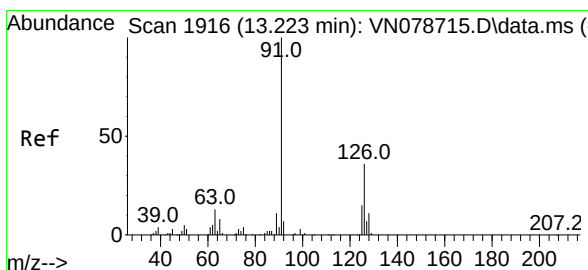
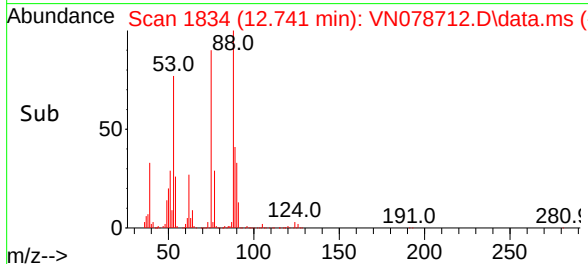
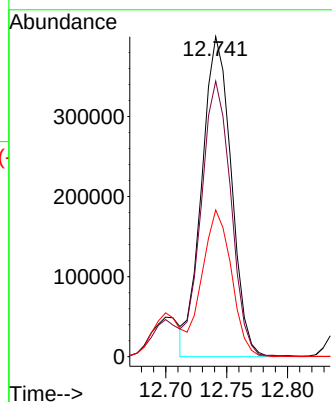
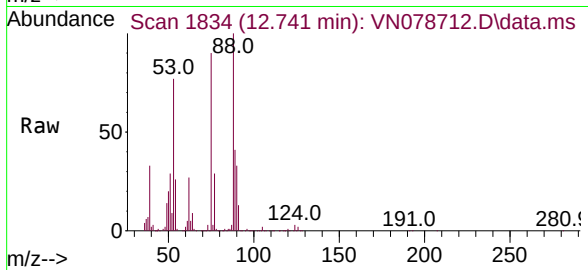




#77
t-1,4-Dichloro-2-butene
Concen: 262.654 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

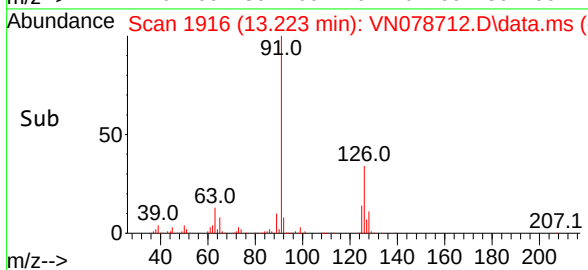
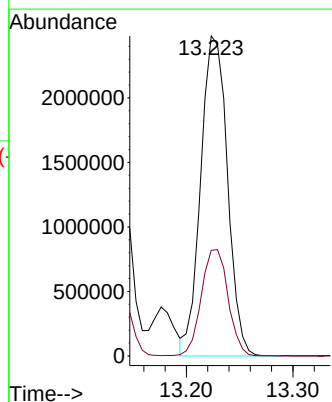
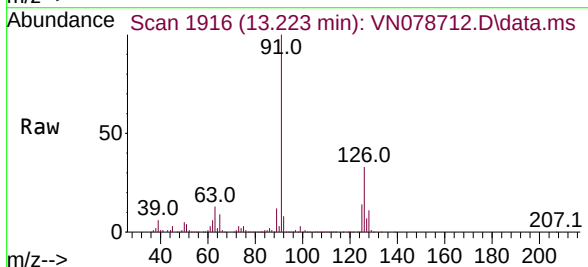
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

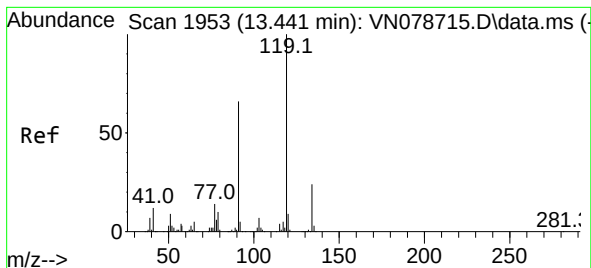
Tgt Ion: 75 Resp: 673096
Ion Ratio Lower Upper
75 100
53 86.1 41.6 124.9
89 45.8 25.1 75.4



#78
4-Chlorotoluene
Concen: 233.368 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion: 91 Resp: 4333105
Ion Ratio Lower Upper
91 100
126 33.3 0.0 68.8

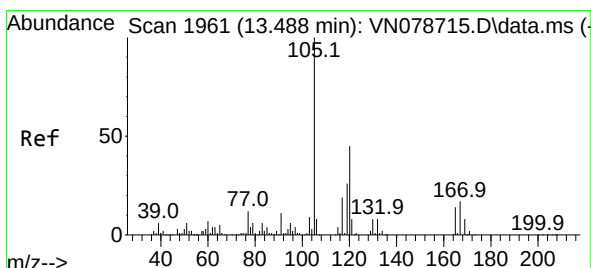
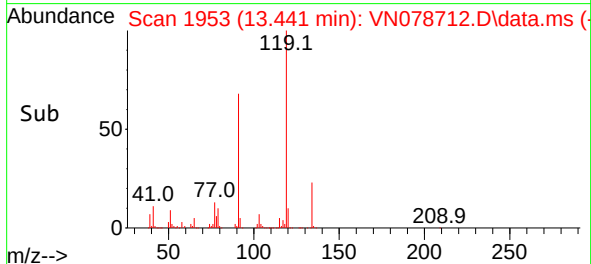
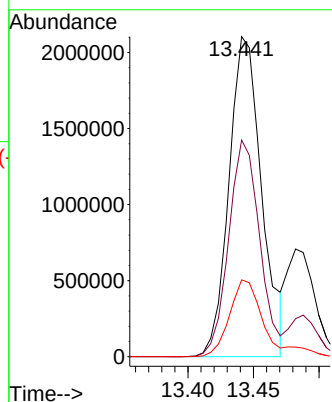
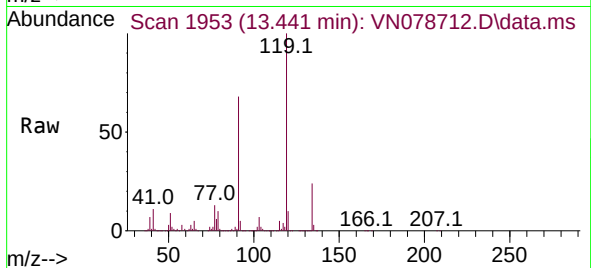




#79
tert-butylbenzene
Concen: 185.465 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

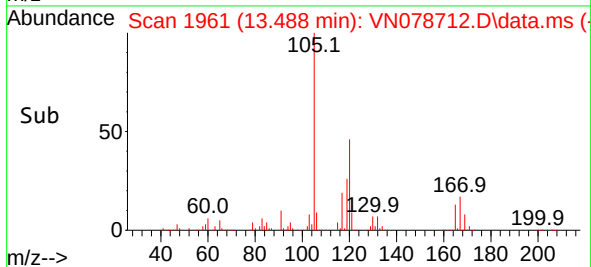
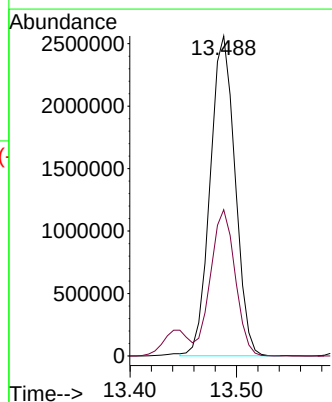
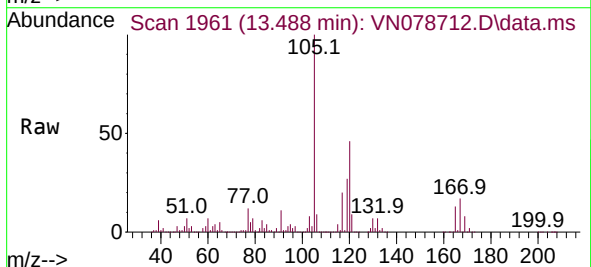
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

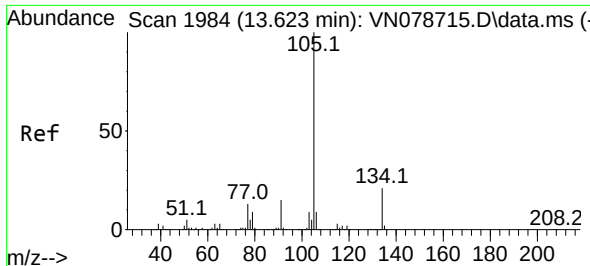
Tgt Ion:119 Resp: 3650381
Ion Ratio Lower Upper
119 100
91 64.3 0.0 126.6
134 23.0 0.0 44.0



#80
1,2,4-Trimethylbenzene
Concen: 193.001 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion:105 Resp: 4151301
Ion Ratio Lower Upper
105 100
120 45.1 0.0 88.2

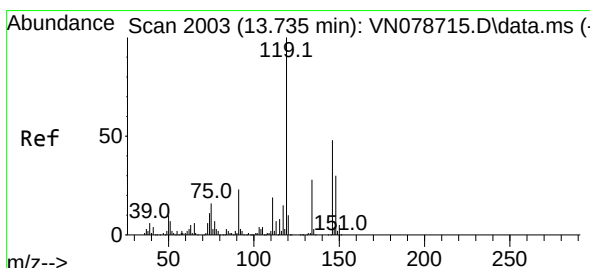
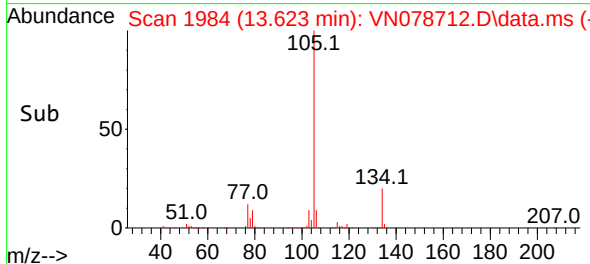
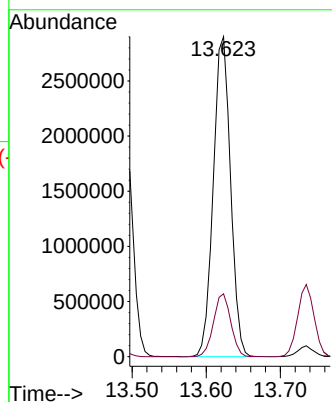
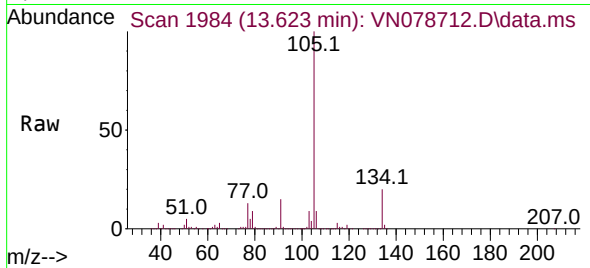




#81
 sec-Butylbenzene
 Concen: 186.865 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078712.D
 Acq: 01 Aug 2023 12:59

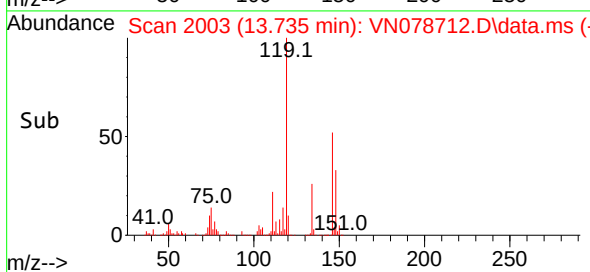
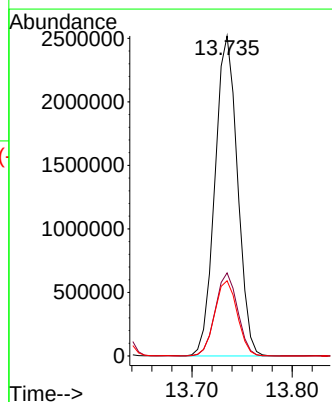
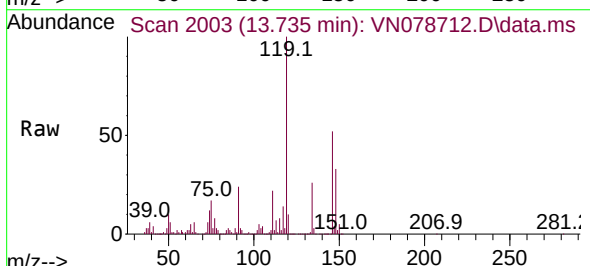
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

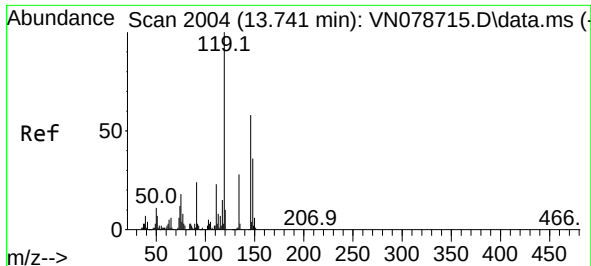
Tgt Ion:105 Resp: 4683990
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 192.397 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078712.D
 Acq: 01 Aug 2023 12:59

Tgt Ion:119 Resp: 3933830
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.4
 91 23.7 0.0 48.2

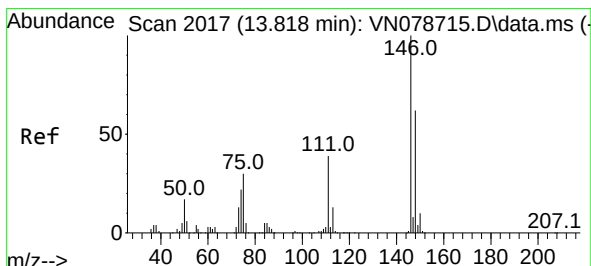
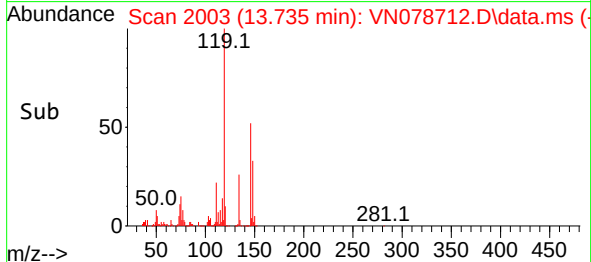
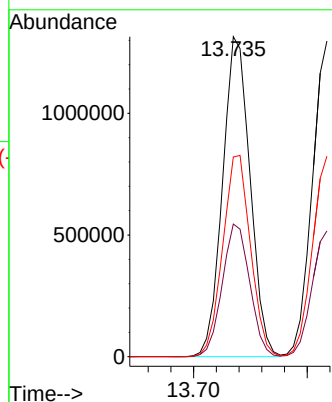
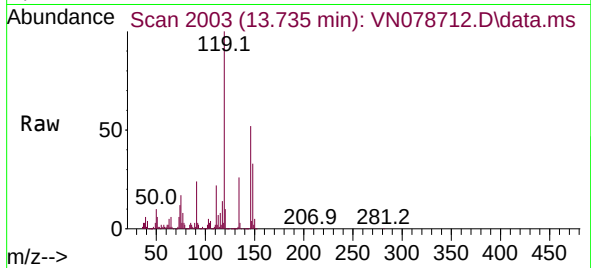




#83
1,3-Dichlorobenzene
Concen: 202.688 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

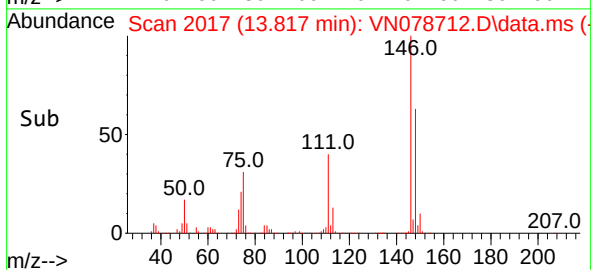
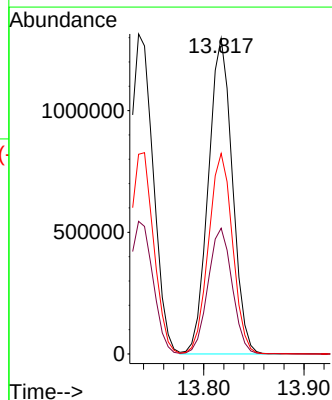
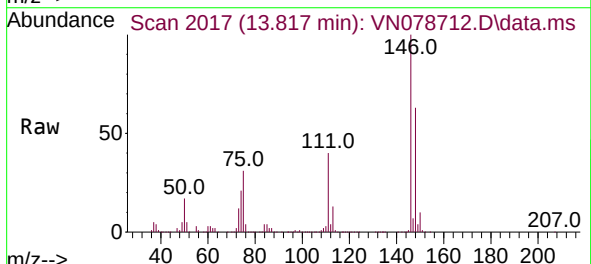
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

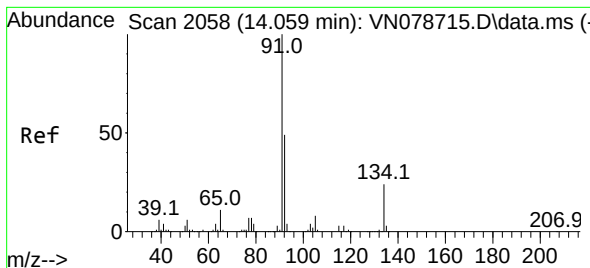
Tgt Ion:146 Resp: 2211795
Ion Ratio Lower Upper
146 100
111 41.4 21.6 64.6
148 63.6 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 213.728 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion:146 Resp: 2162949
Ion Ratio Lower Upper
146 100
111 39.9 19.4 58.2
148 63.6 31.4 94.3





#85

n-Butylbenzene

Concen: 212.225 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

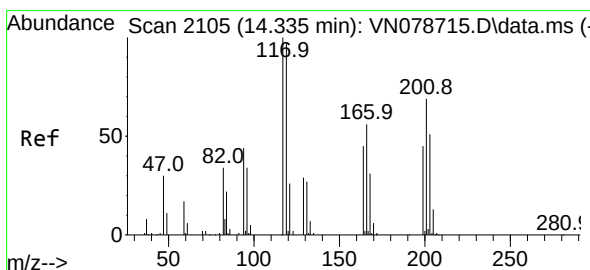
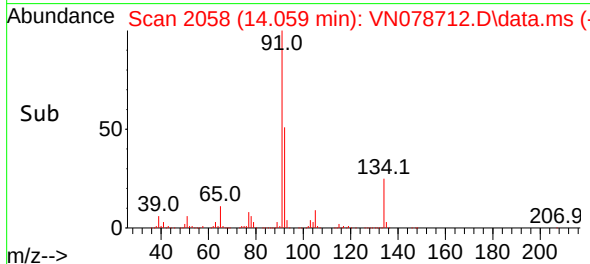
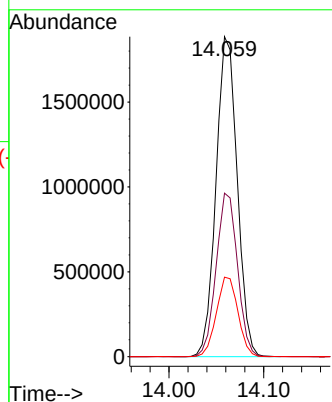
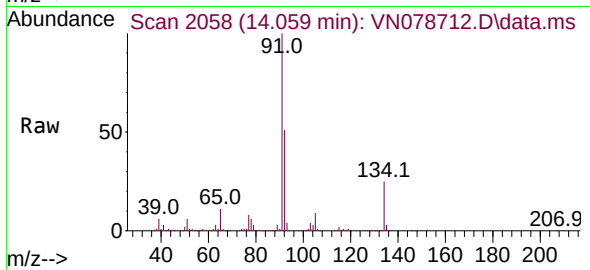
Tgt Ion: 91 Resp: 2934215

Ion Ratio Lower Upper

91 100

92 51.6 0.0 99.6

134 25.3 0.0 50.0



#86

Hexachloroethane

Concen: 189.020 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078712.D

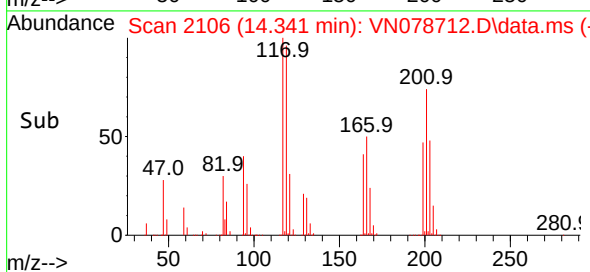
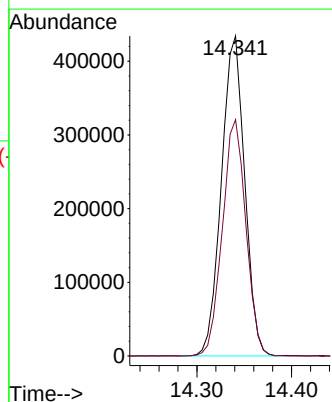
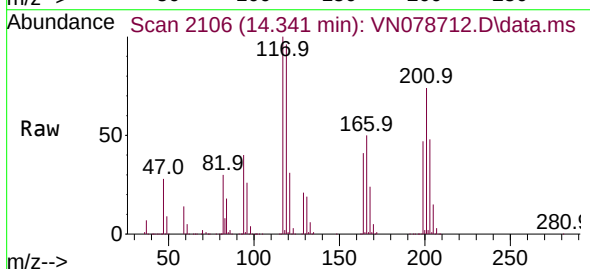
Acq: 01 Aug 2023 12:59

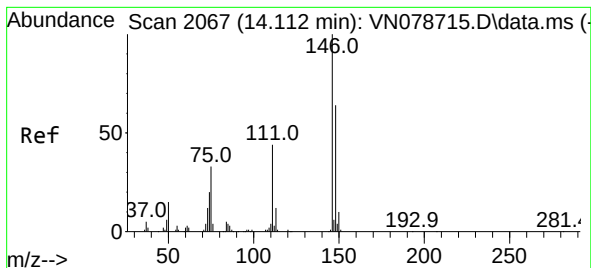
Tgt Ion: 117 Resp: 742958

Ion Ratio Lower Upper

117 100

201 74.5 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 206.434 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

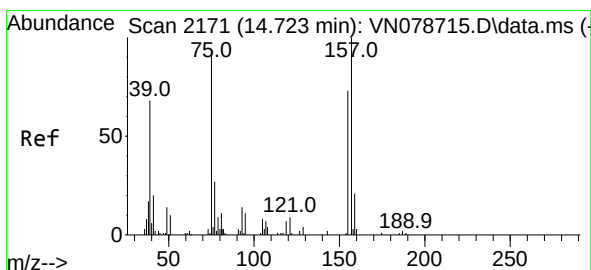
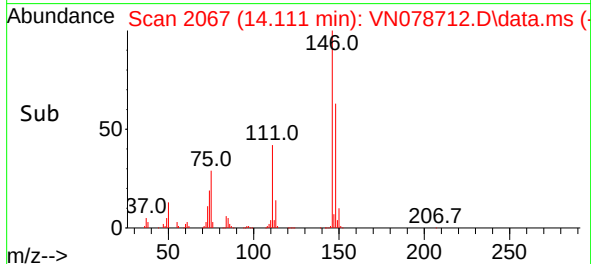
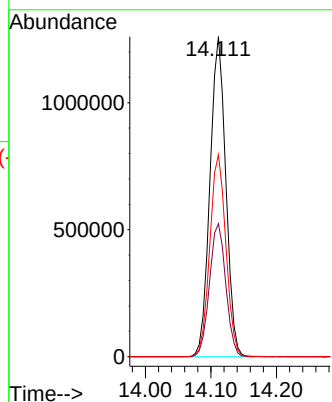
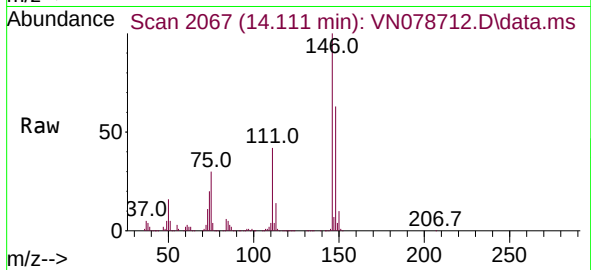
Tgt Ion:146 Resp: 2115330

Ion Ratio Lower Upper

146 100

111 42.7 22.4 67.3

148 64.1 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 198.701 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

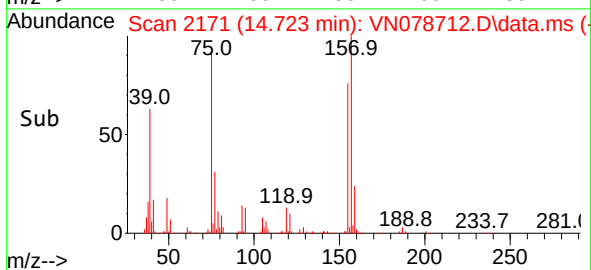
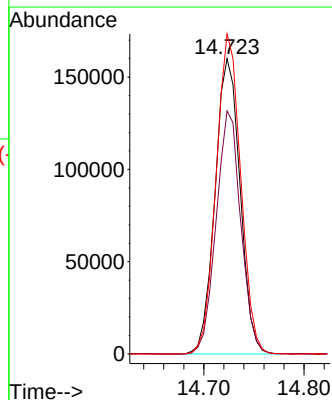
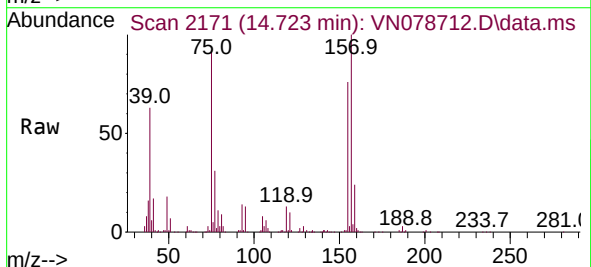
Tgt Ion: 75 Resp: 277255

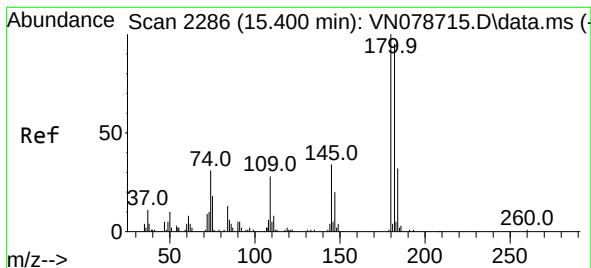
Ion Ratio Lower Upper

75 100

155 81.1 68.2 102.2

157 106.4 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 299.403 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

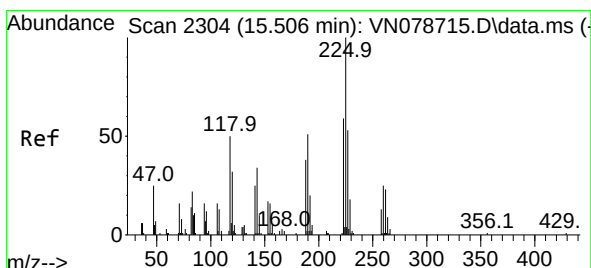
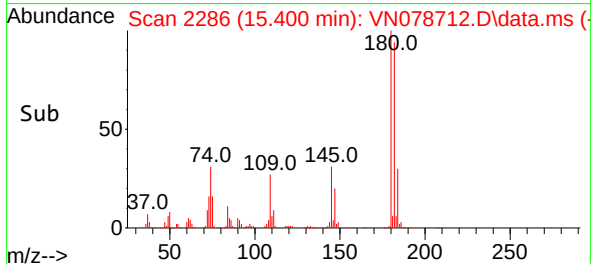
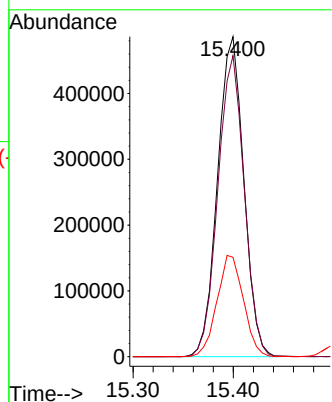
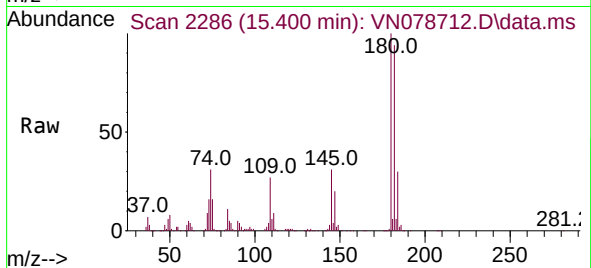
Tgt Ion:180 Resp: 884890

Ion Ratio Lower Upper

180 100

182 94.3 73.7 110.5

145 31.9 25.0 37.6



#90

Hexachlorobutadiene

Concen: 159.174 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078712.D

Acq: 01 Aug 2023 12:59

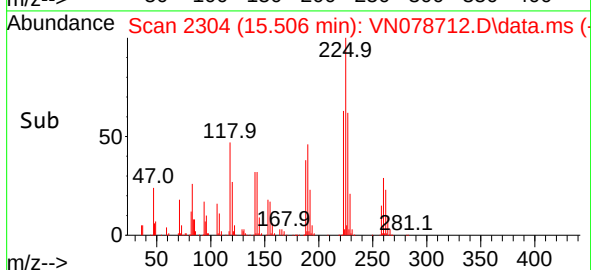
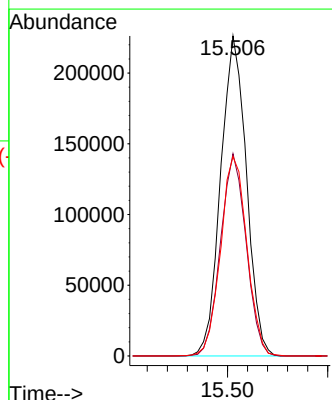
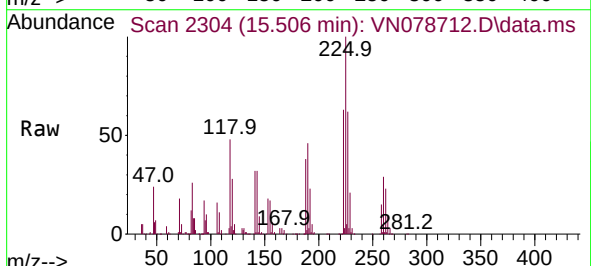
Tgt Ion:225 Resp: 402866

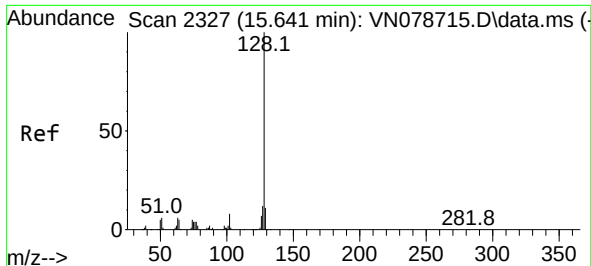
Ion Ratio Lower Upper

225 100

223 62.8 0.0 130.0

227 63.7 0.0 124.0

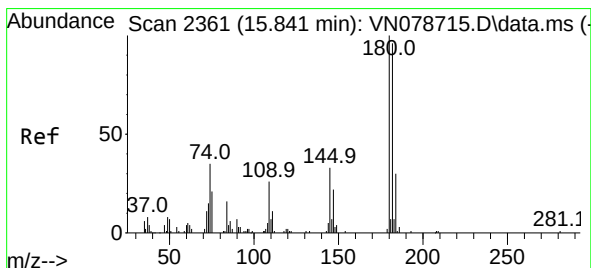
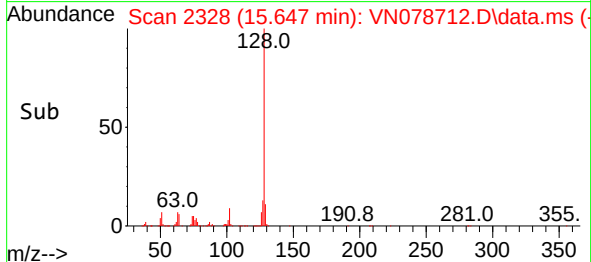
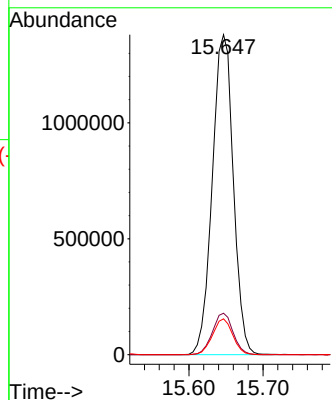
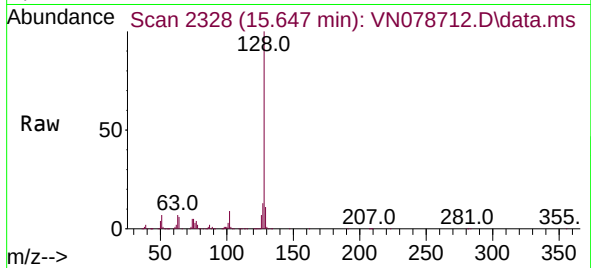




#91
Naphthalene
Concen: 293.626 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2719160
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 255.293 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078712.D
Acq: 01 Aug 2023 12:59

Tgt Ion:180 Resp: 906772
Ion Ratio Lower Upper
180 100
182 95.9 0.0 196.4
145 33.9 0.0 71.0

