

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078475.D
 Acq On : 12 Jul 2023 12:07
 Operator : JC\MD
 Sample : VN0712WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

Quant Time: Jul 13 02:01:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	444598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	789995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	682489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255672	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	320964	53.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.700%	
35) Dibromofluoromethane	8.171	113	275571	51.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.780%	
50) Toluene-d8	10.571	98	1016697	50.185	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.853	95	304864	48.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	97723	17.927	ug/l	98
3) Chloromethane	2.371	50	107635	18.167	ug/l	99
4) Vinyl Chloride	2.518	62	142200	18.554	ug/l	98
5) Bromomethane	2.959	94	102261	17.903	ug/l	96
6) Chloroethane	3.124	64	96805	19.716	ug/l	96
7) Trichlorofluoromethane	3.506	101	172842	18.866	ug/l	91
8) Diethyl Ether	3.971	74	56241	18.425	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	90456	18.651	ug/l	95
10) Methyl Iodide	4.601	142	123353	18.509	ug/l	98
11) Tert butyl alcohol	5.536	59	90408	98.366	ug/l	98
12) 1,1-Dichloroethene	4.353	96	91193	19.439	ug/l	91
13) Acrolein	4.195	56	96078	106.250	ug/l	96
14) Allyl chloride	5.036	41	116874	18.232	ug/l	95
15) Acrylonitrile	5.730	53	234364	100.923	ug/l	99
16) Acetone	4.448	43	187117	100.783	ug/l	99
17) Carbon Disulfide	4.718	76	237587	17.514	ug/l	97
18) Methyl Acetate	5.036	43	153516	19.532	ug/l	92
19) Methyl tert-butyl Ether	5.812	73	302933	19.598	ug/l	94
20) Methylene Chloride	5.289	84	113532	20.599	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	99239	18.772	ug/l	93
22) Diisopropyl ether	6.683	45	295790	20.607	ug/l #	93
23) Vinyl Acetate	6.618	43	924932	101.360	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	186224	19.254	ug/l	97
25) 2-Butanone	7.494	43	302723	103.580	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	156855	19.828	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	120627	19.724	ug/l	94
28) Bromochloromethane	7.818	49	92742	20.358	ug/l	95
29) Tetrahydrofuran	7.853	42	192554	100.408	ug/l	87
30) Chloroform	7.977	83	203994	20.258	ug/l	98
31) Cyclohexane	8.265	56	149891	18.608	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	173242	19.189	ug/l	93
36) 1,1-Dichloropropene	8.377	75	141960	18.333	ug/l	98
37) Ethyl Acetate	7.571	43	123456	19.126	ug/l #	96
38) Carbon Tetrachloride	8.371	117	160886	19.117	ug/l	93
39) Methylcyclohexane	9.606	83	125760	17.793	ug/l	90
40) Benzene	8.612	78	439890	19.176	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	65556	19.922	ug/l	93
42) 1,2-Dichloroethane	8.677	62	154860	19.847	ug/l	99
43) Isopropyl Acetate	8.700	43	215696	20.296	ug/l	94
44) Trichloroethene	9.359	130	113738	18.396	ug/l	96
45) 1,2-Dichloropropane	9.624	63	110759	19.063	ug/l	100
46) Dibromomethane	9.718	93	80860	19.773	ug/l	93
47) Bromodichloromethane	9.894	83	159816	19.496	ug/l	99
48) Methyl methacrylate	9.688	41	94460	19.186	ug/l	90
49) 1,4-Dioxane	9.694	88	41181	383.535	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	636858	100.749	ug/l	94
52) Toluene	10.635	92	276447	19.444	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	162559	19.357	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	179628	20.066	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	113947	20.341	ug/l	95
56) Ethyl methacrylate	10.882	69	152389	19.461	ug/l	92
57) 1,3-Dichloropropane	11.171	76	182719	19.184	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.171	63	263286	94.347	ug/l	94
59) 2-Hexanone	11.200	43	451661	100.535	ug/l	92
60) Dibromochloromethane	11.365	129	120735	19.523	ug/l	100
61) 1,2-Dibromoethane	11.477	107	113780	19.717	ug/l	99
64) Tetrachloroethene	11.112	164	99803	19.451	ug/l	98
65) Chlorobenzene	11.894	112	294204	19.285	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	111774	19.046	ug/l	97
67) Ethyl Benzene	11.971	91	485550	18.830	ug/l	97
68) m/p-Xylenes	12.076	106	372832	39.105	ug/l	97
69) o-Xylene	12.406	106	181141	18.810	ug/l	97
70) Styrene	12.418	104	288458	19.147	ug/l	98
71) Bromoform	12.582	173	77080	19.393	ug/l #	97
73) Isopropylbenzene	12.700	105	450636	18.758	ug/l	99
74) N-amyl acetate	12.500	43	157914	19.074	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	157242	21.680	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	185138	29.958	ug/l	67
77) Bromobenzene	12.982	156	105923	19.327	ug/l	98
78) n-propylbenzene	13.041	91	481743	18.750	ug/l	100
79) 2-Chlorotoluene	13.129	91	313447	18.626	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	362822	19.114	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	43725	18.593	ug/l	93
82) 4-Chlorotoluene	13.229	91	294534	18.761	ug/l	98
83) tert-Butylbenzene	13.441	119	301280	18.695	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	357522	19.391	ug/l	98
85) sec-Butylbenzene	13.623	105	382224	18.764	ug/l	99
86) p-Isopropyltoluene	13.735	119	307723	18.813	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	171639	18.611	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	170252	18.327	ug/l	99
89) n-Butylbenzene	14.065	91	217772	18.608	ug/l	97
90) Hexachloroethane	14.341	117	62852	20.424	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	170472	18.574	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24601	20.248	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	43040	14.693	ug/l	96
94) Hexachlorobutadiene	15.506	225	30481	17.417	ug/l	97
95) Naphthalene	15.647	128	137260	13.707	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	55474	16.470	ug/l	97

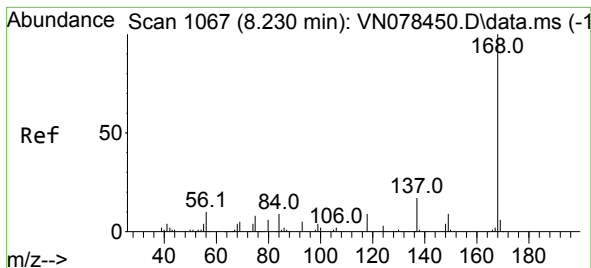
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

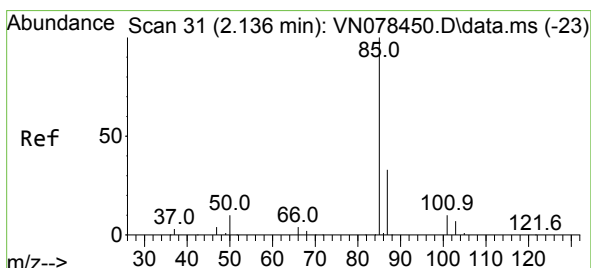
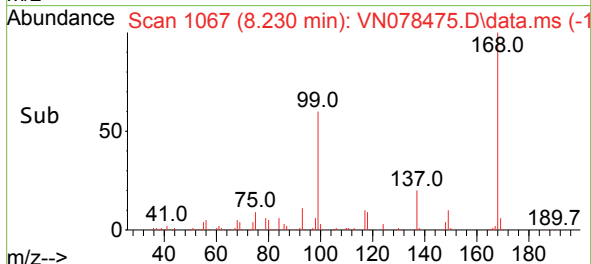
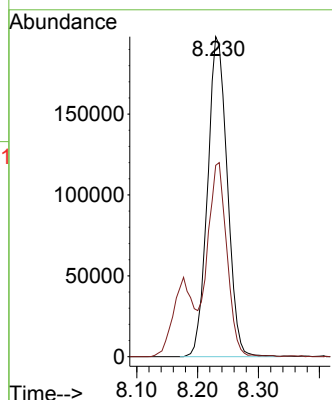
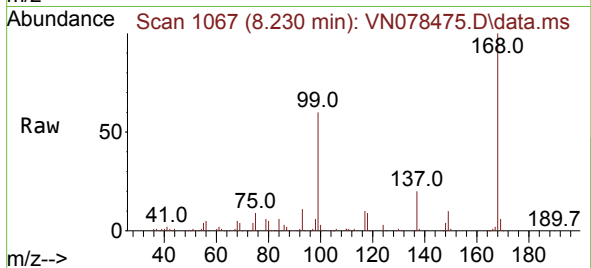
VN0712WBS01

Tgt Ion:168 Resp: 444598

Ion Ratio Lower Upper

168 100

99 59.7 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 17.927 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078475.D

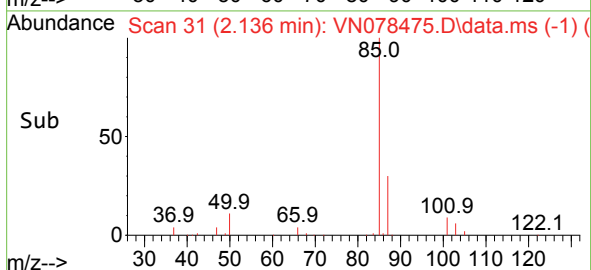
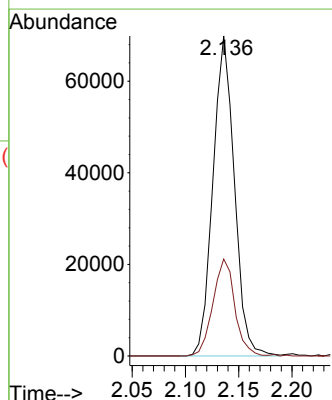
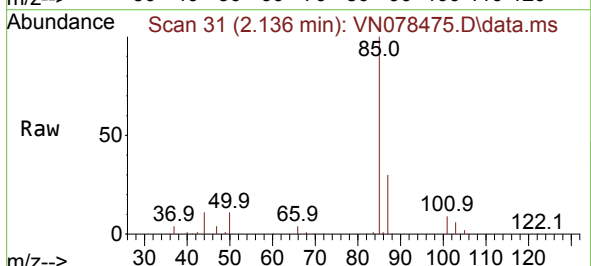
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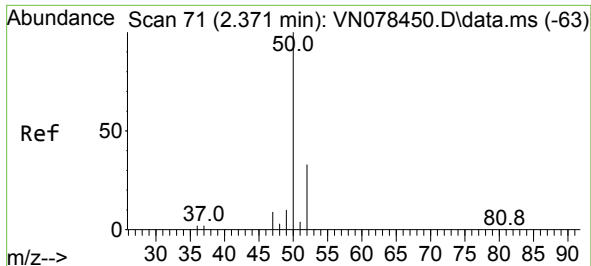
Tgt Ion: 85 Resp: 97723

Ion Ratio Lower Upper

85 100

87 30.3 15.8 47.4

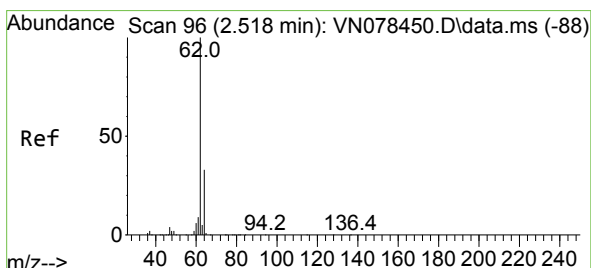
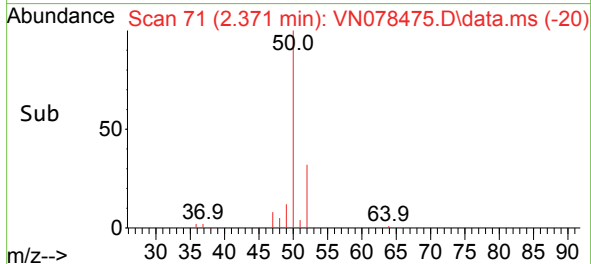
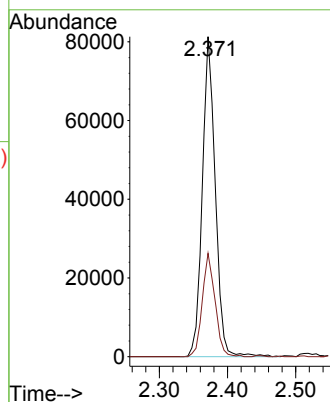
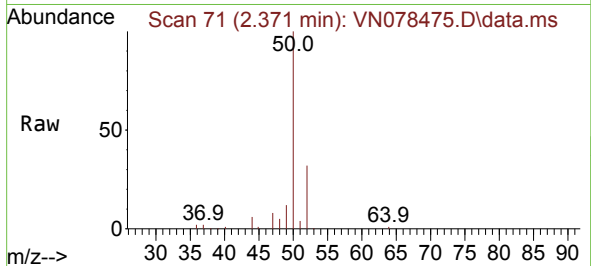




#3
Chloromethane
Concen: 18.167 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

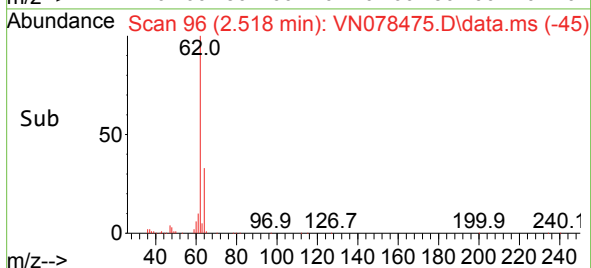
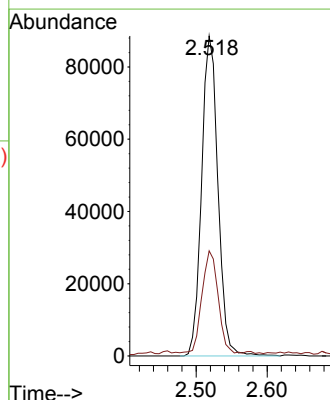
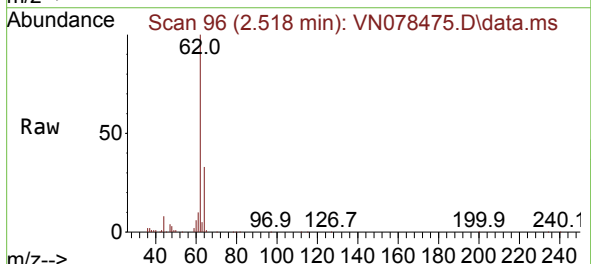
Instrument :
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VN0712WBS01

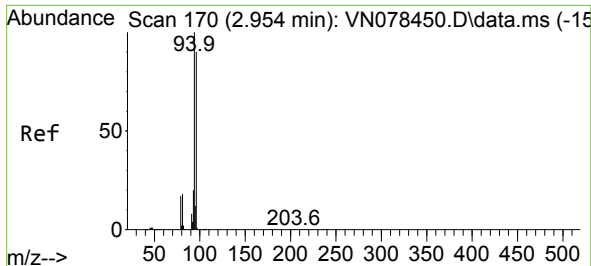
Tgt Ion: 50 Resp: 107635
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7



#4
Vinyl Chloride
Concen: 18.554 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 62 Resp: 142200
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2

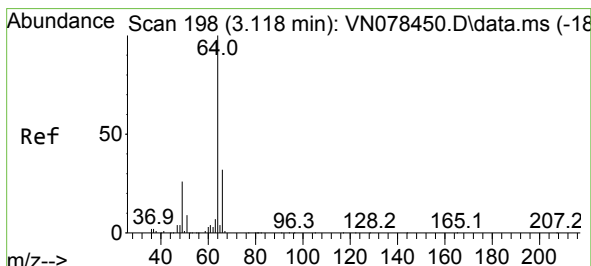
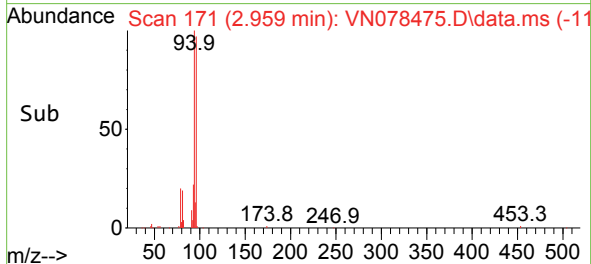
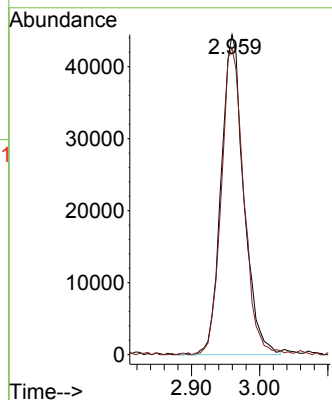
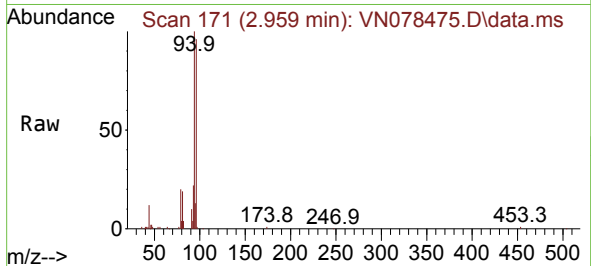




#5
Bromomethane
Concen: 17.903 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

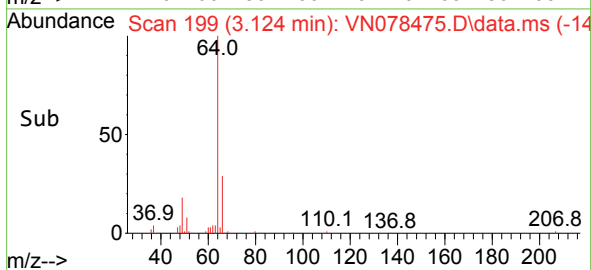
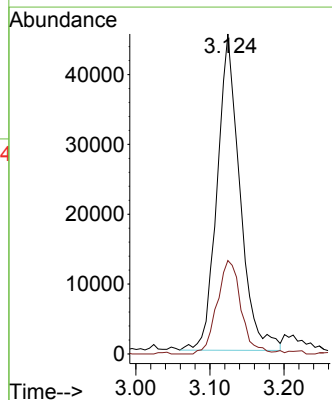
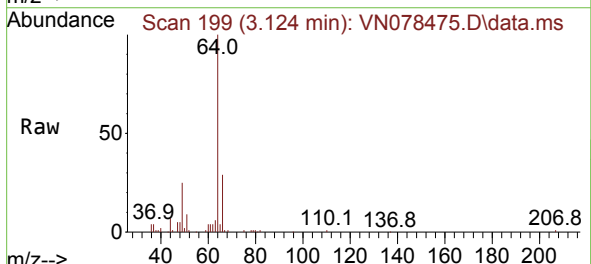
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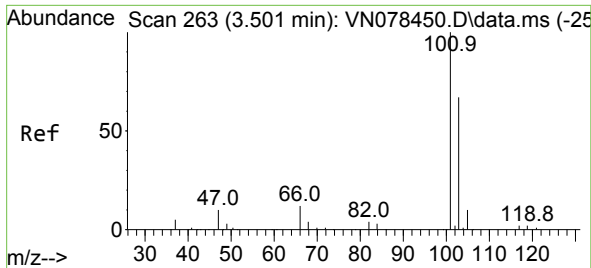
Tgt Ion: 94 Resp: 102261
Ion Ratio Lower Upper
94 100
96 95.6 73.1 109.7



#6
Chloroethane
Concen: 19.716 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 64 Resp: 96805
Ion Ratio Lower Upper
64 100
66 29.6 25.4 38.2

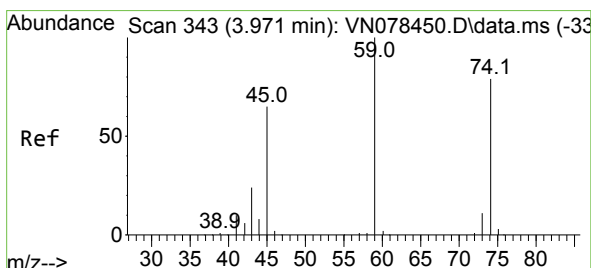
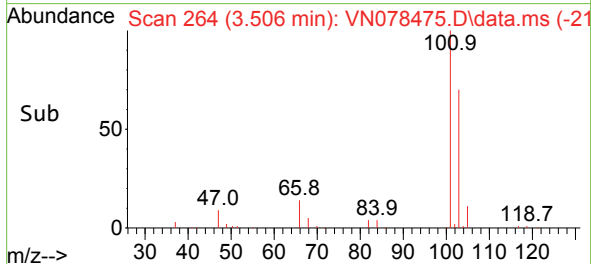
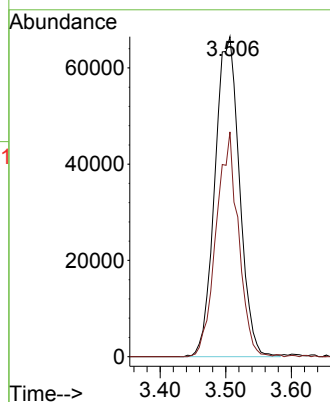
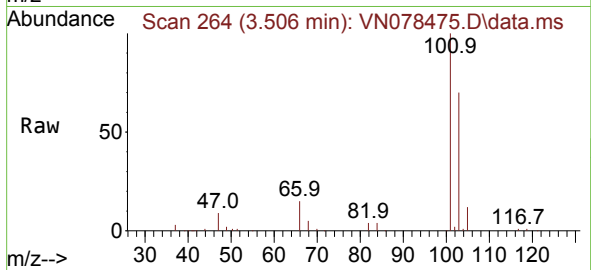




#7
 Trichlorofluoromethane
 Concen: 18.866 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. 0.005 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

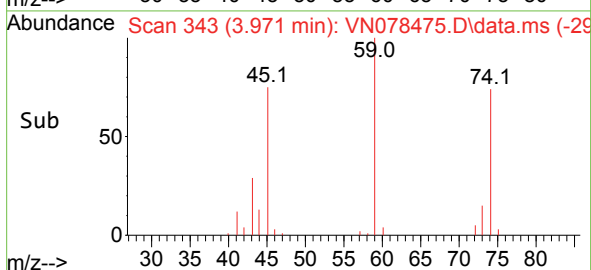
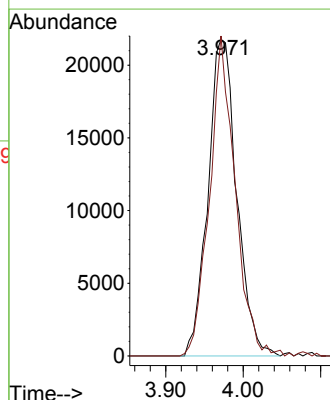
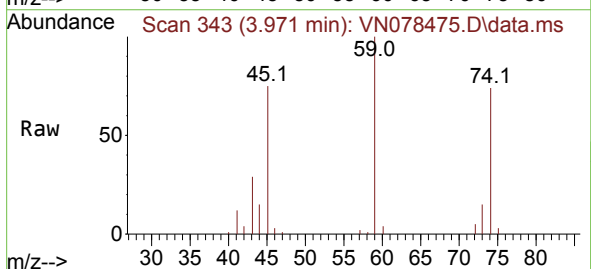
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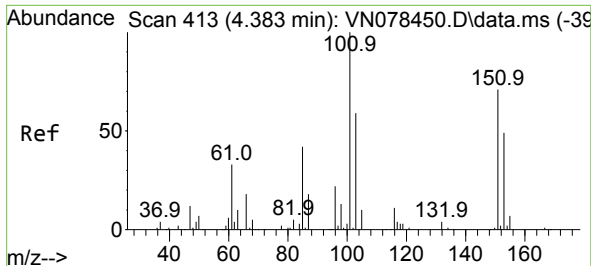
Tgt Ion:101 Resp: 172842
 Ion Ratio Lower Upper
 101 100
 103 70.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.425 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

Tgt Ion: 74 Resp: 56241
 Ion Ratio Lower Upper
 74 100
 45 89.7 34.4 103.3

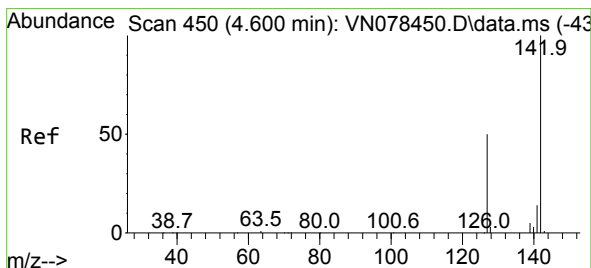
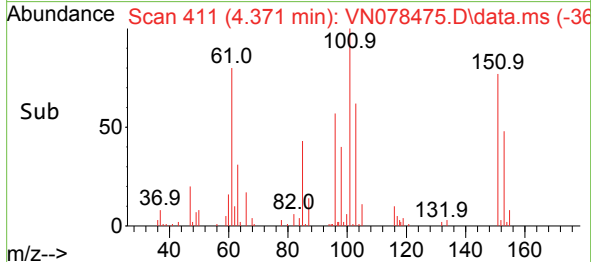
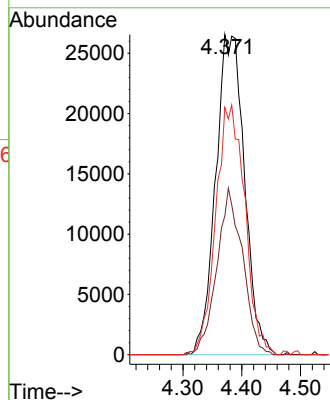
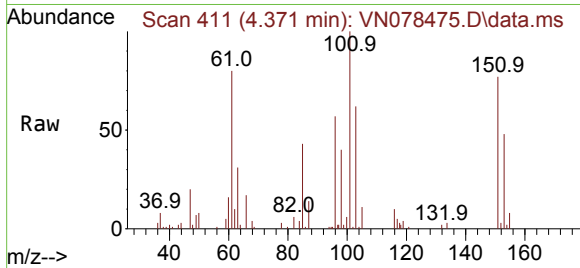




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.651 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN078475.D
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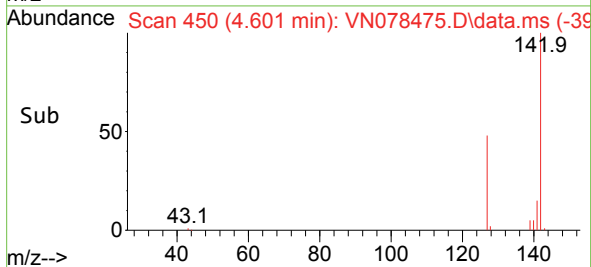
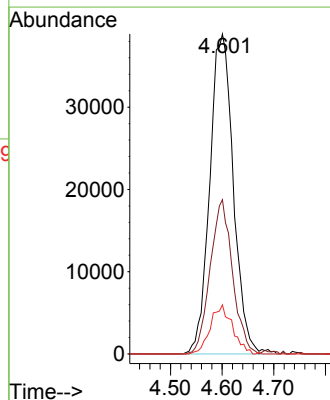
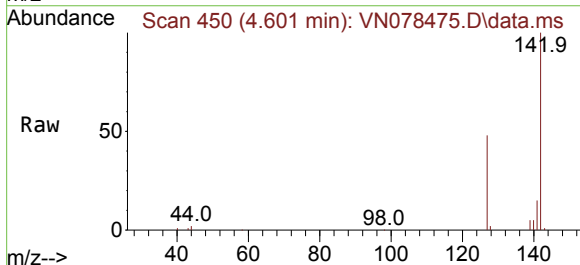
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ClientSampleId :
VN0712WBS01

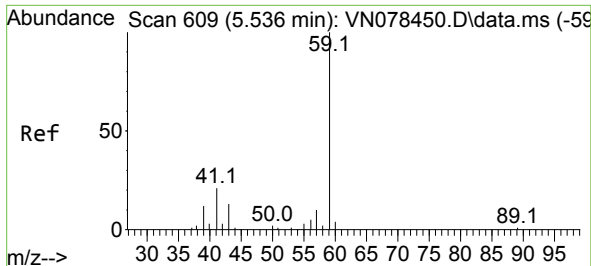
Tgt Ion:101 Resp: 90456
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 78.7 57.6 86.4



#10
Methyl Iodide
Concen: 18.509 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.001 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion:142 Resp: 123353
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 15.3 11.4 17.0

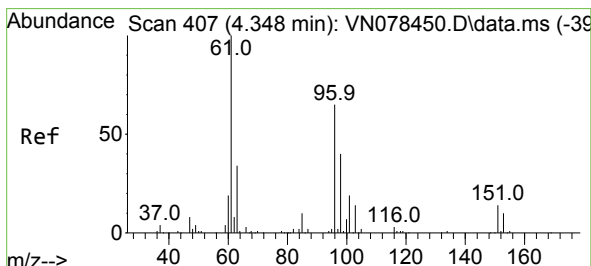
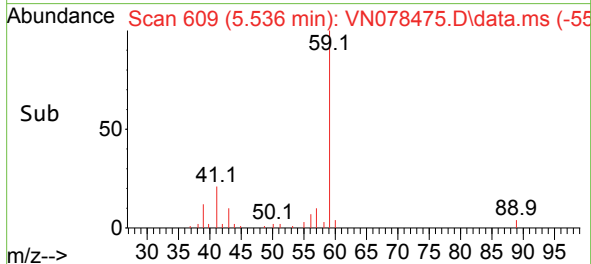
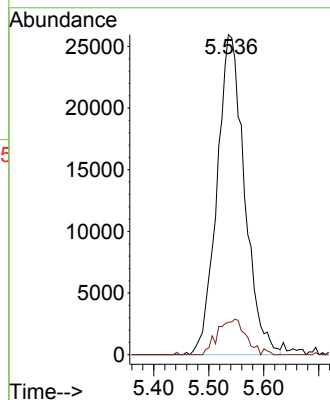
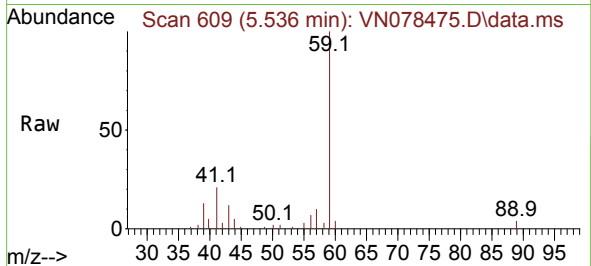




#11
Tert butyl alcohol
Concen: 98.366 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

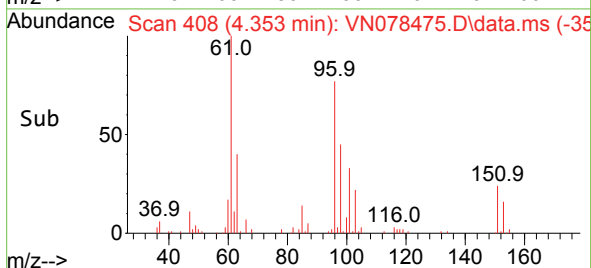
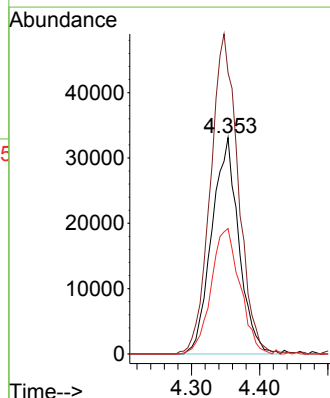
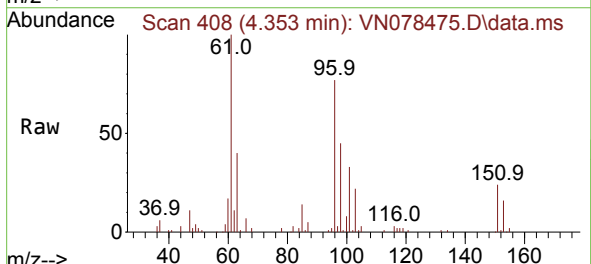
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

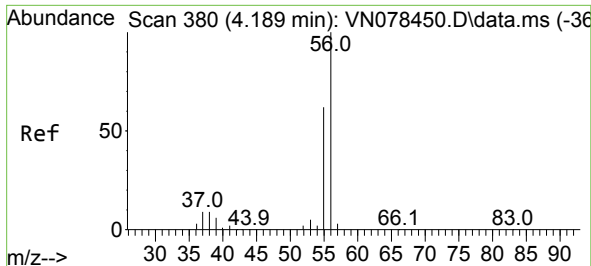
Tgt Ion: 59 Resp: 90408
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.439 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 96 Resp: 91193
Ion Ratio Lower Upper
96 100
61 129.1 112.7 169.1
98 58.0 51.2 76.8





#13

Acrolein

Concen: 106.250 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

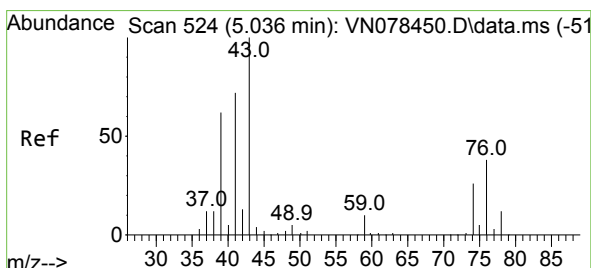
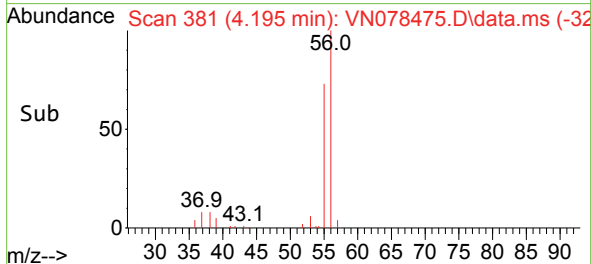
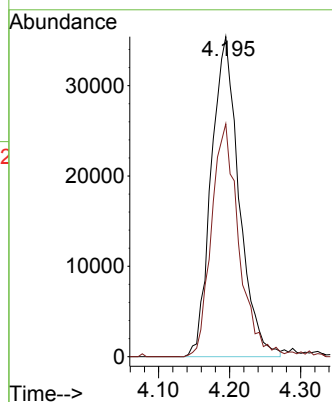
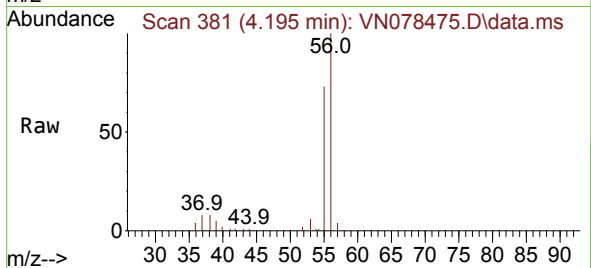
VN0712WBS01

Tgt Ion: 56 Resp: 96078

Ion Ratio Lower Upper

56 100

55 71.7 54.5 81.7



#14

Allyl chloride

Concen: 18.232 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

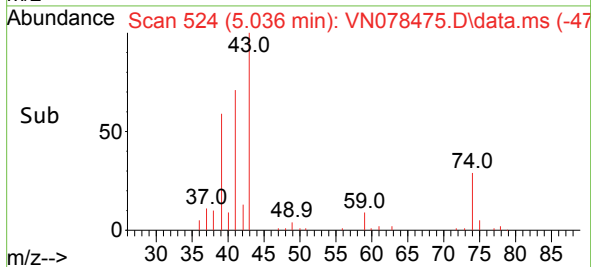
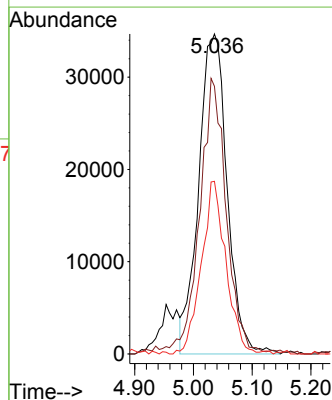
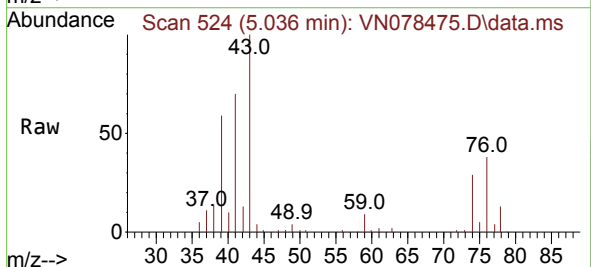
Tgt Ion: 41 Resp: 116874

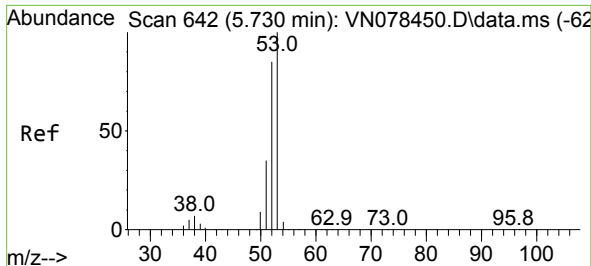
Ion Ratio Lower Upper

41 100

39 78.7 58.8 88.2

76 46.4 39.1 58.7

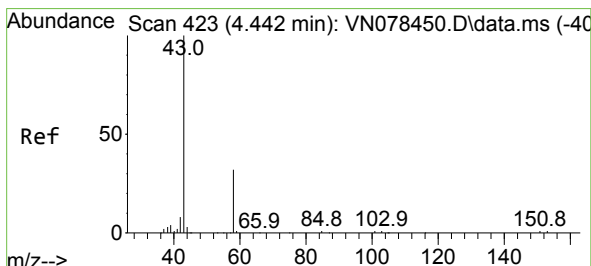
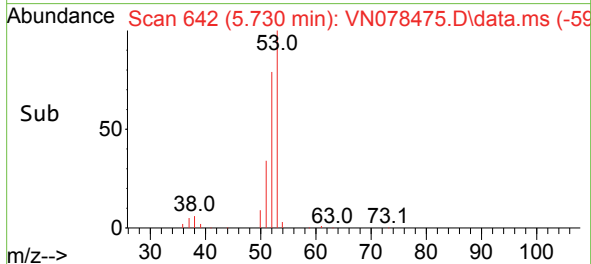
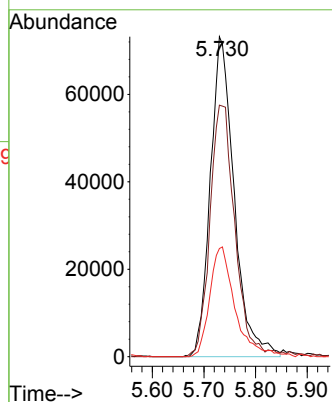
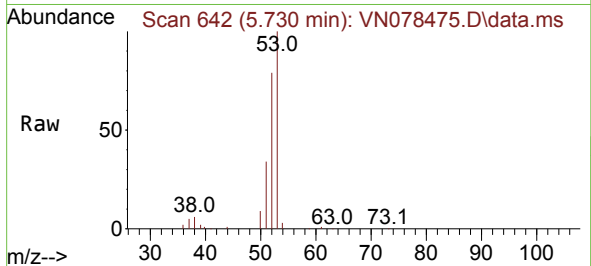




#15
Acrylonitrile
Concen: 100.923 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

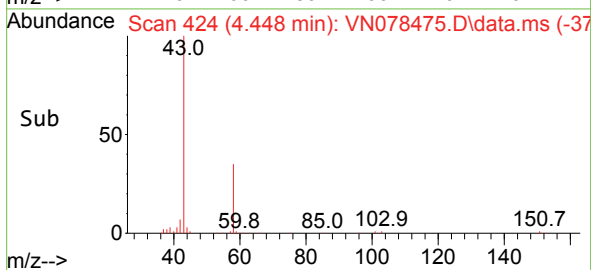
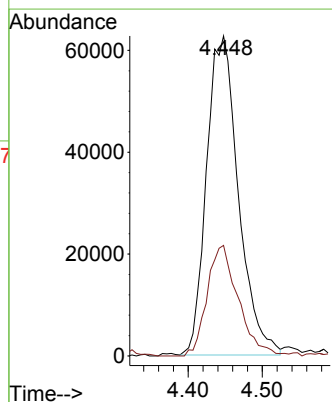
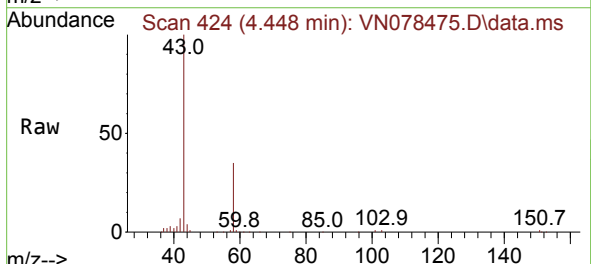
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

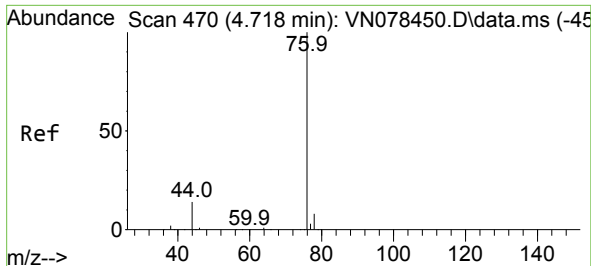
Tgt Ion: 53 Resp: 234364
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 36.4 28.9 43.3



#16
Acetone
Concen: 100.783 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 43 Resp: 187117
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0

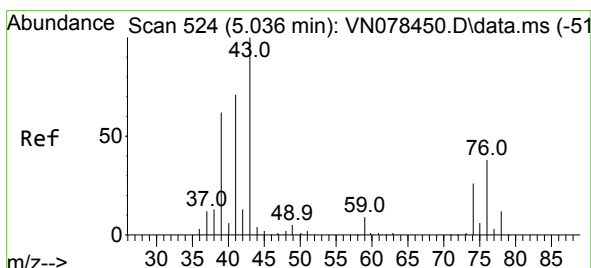
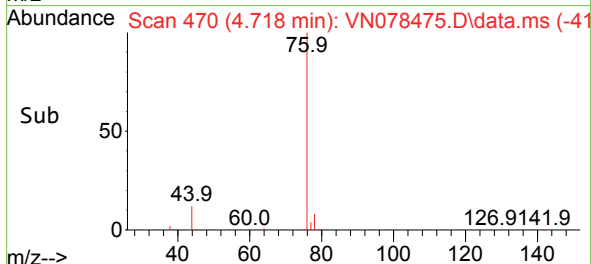
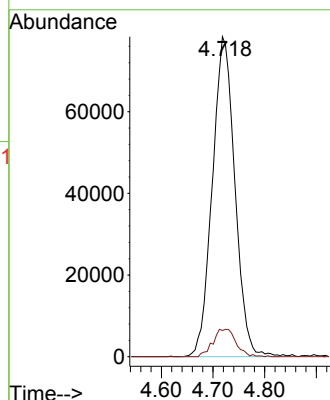
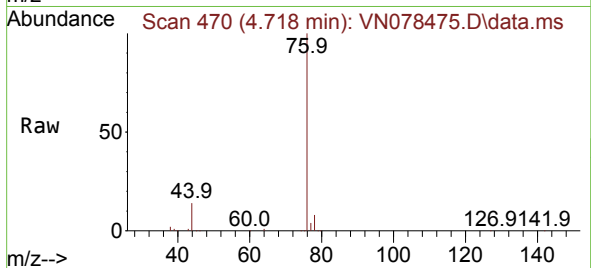




#17
Carbon Disulfide
Concen: 17.514 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

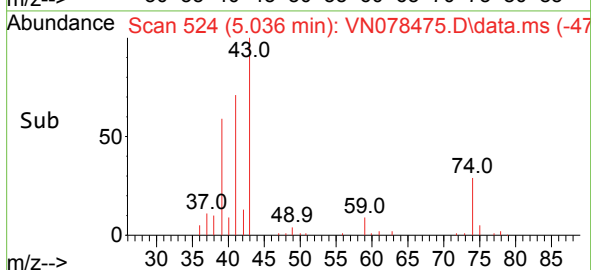
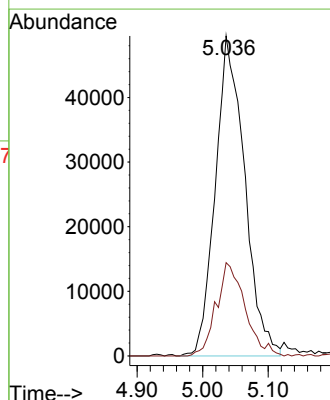
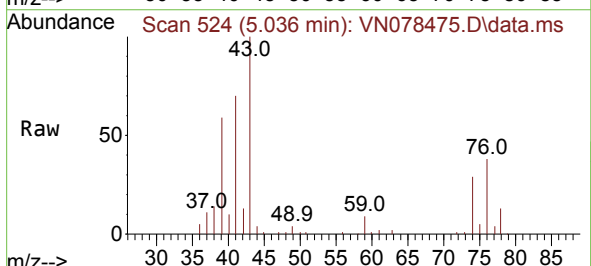
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

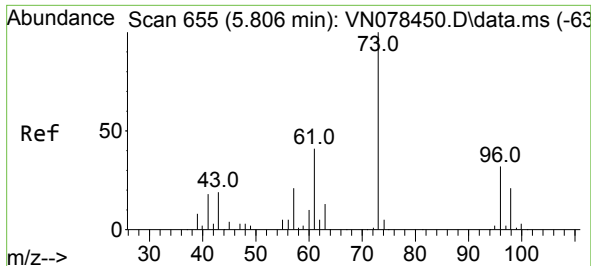
Tgt Ion: 76 Resp: 237587
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 19.532 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 43 Resp: 153516
Ion Ratio Lower Upper
43 100
74 28.5 26.2 39.4

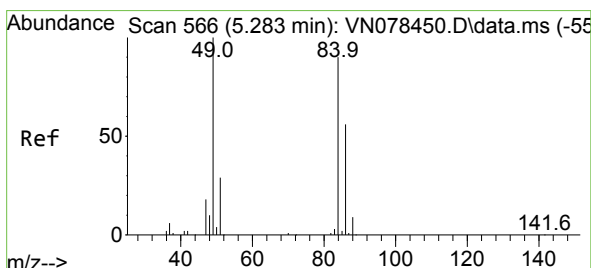
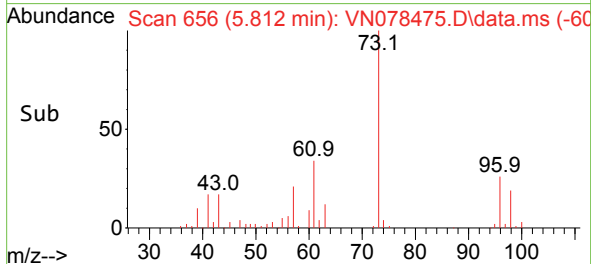
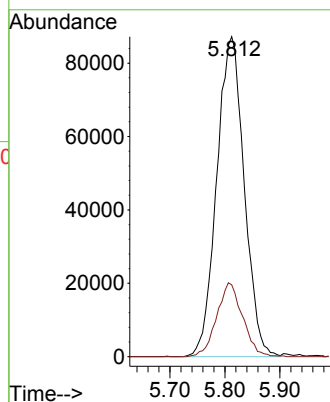
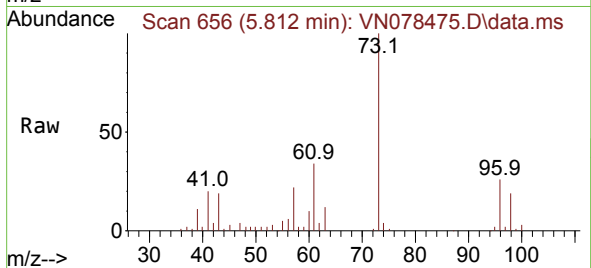




#19
Methyl tert-butyl Ether
Concen: 19.598 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

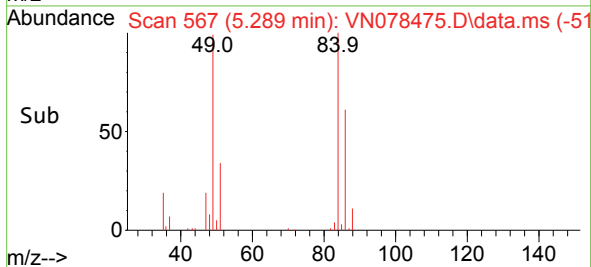
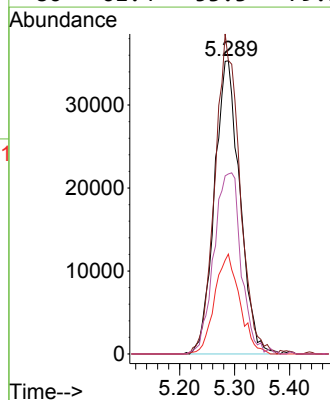
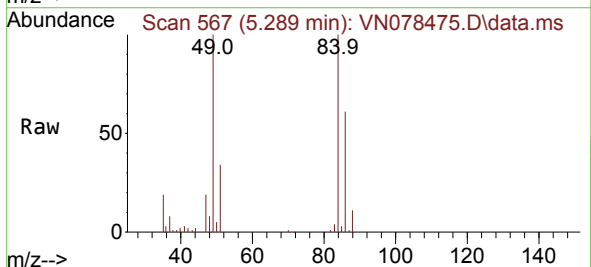
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

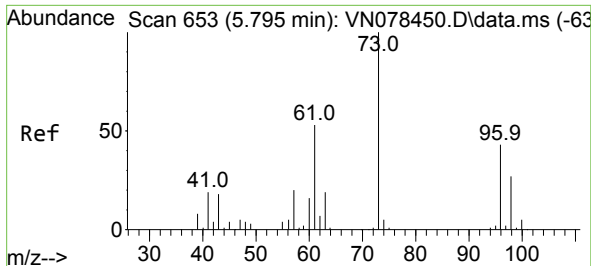
Tgt Ion: 73 Resp: 302933
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4



#20
Methylene Chloride
Concen: 20.599 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 84 Resp: 113532
Ion Ratio Lower Upper
84 100
49 100.1 79.7 119.5
51 34.1 25.2 37.8
86 61.4 53.3 79.9

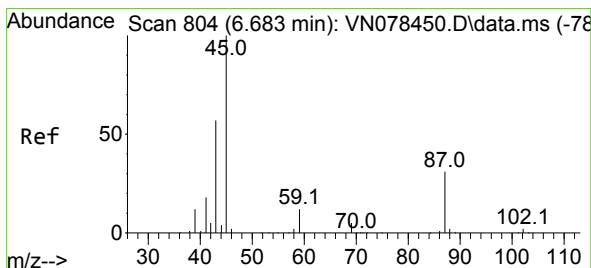
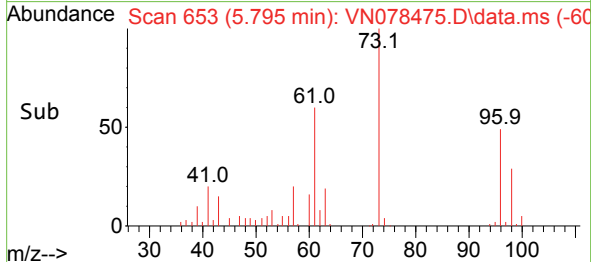
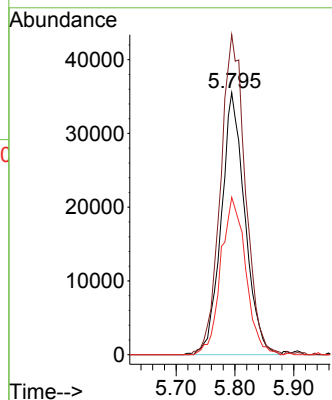
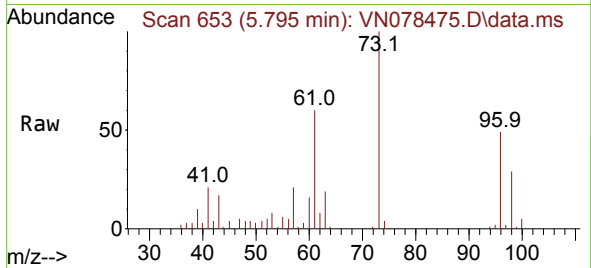




#21
trans-1,2-Dichloroethene
Concen: 18.772 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

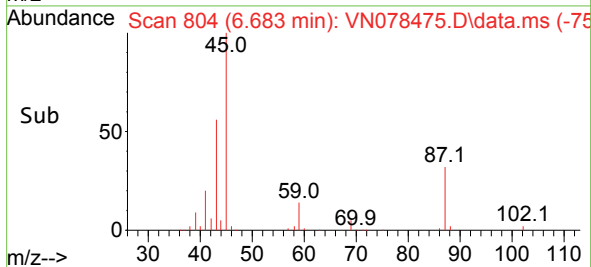
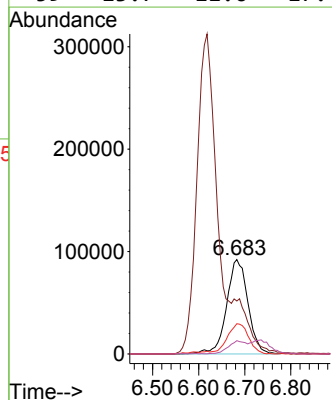
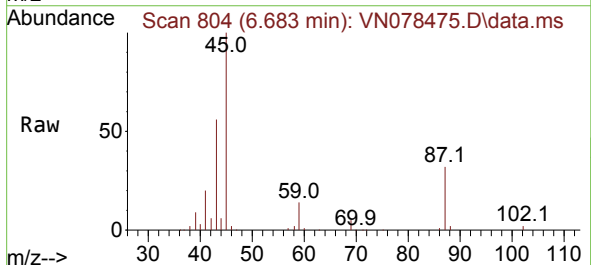
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

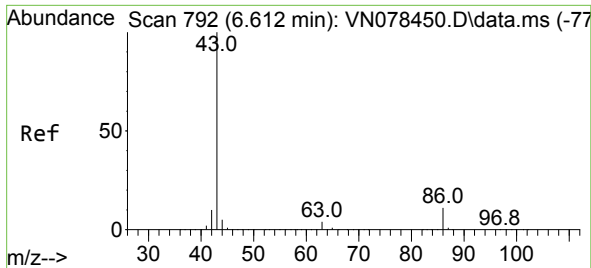
Tgt Ion: 96 Resp: 99239
Ion Ratio Lower Upper
96 100
61 122.2 90.1 135.1
98 60.0 46.4 69.6



#22
Diisopropyl ether
Concen: 20.607 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 45 Resp: 295790
Ion Ratio Lower Upper
45 100
43 54.0 45.5 68.3
87 31.7 31.8 47.8#
59 13.7 11.6 17.4

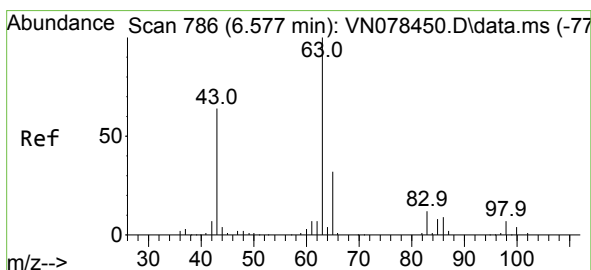
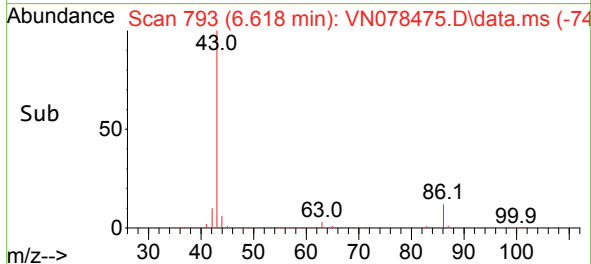
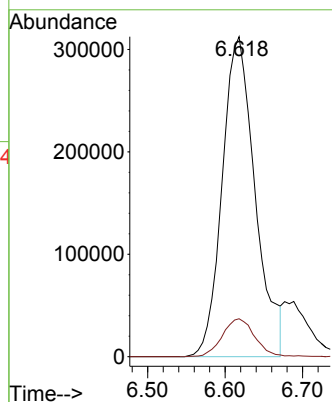
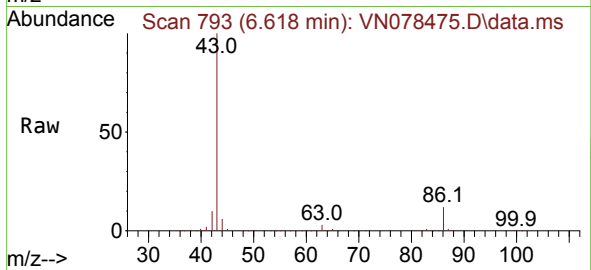




#23
 Vinyl Acetate
 Concen: 101.360 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

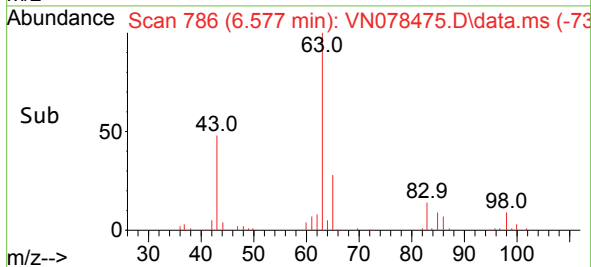
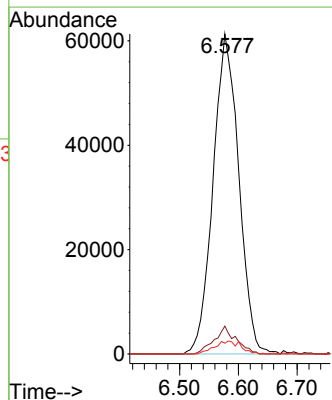
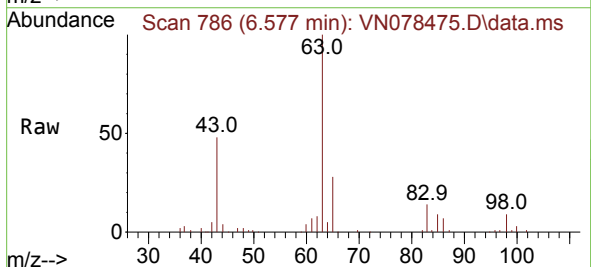
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

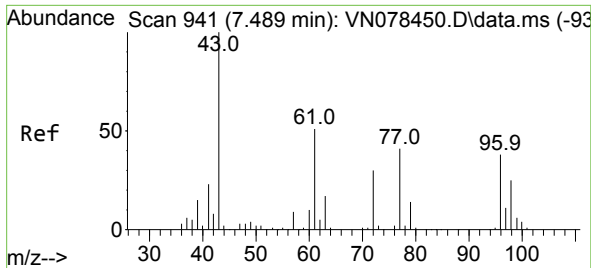
Tgt Ion: 43 Resp: 924932
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.254 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

Tgt Ion: 63 Resp: 186224
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.7
 100 3.3 2.5 7.4

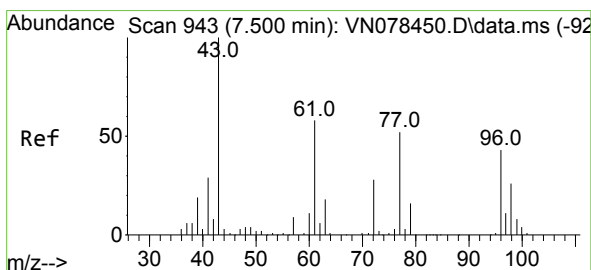
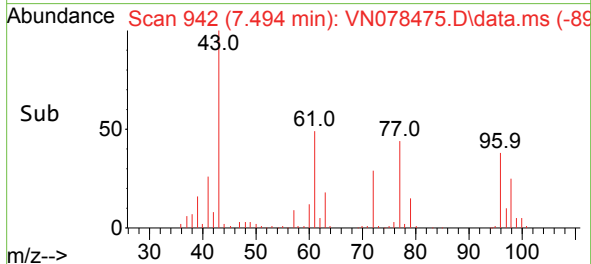
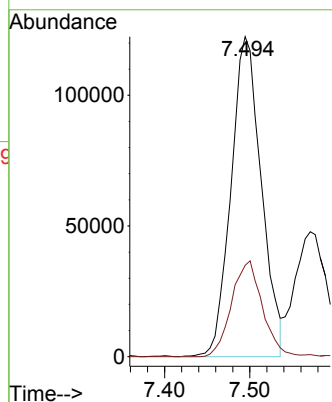
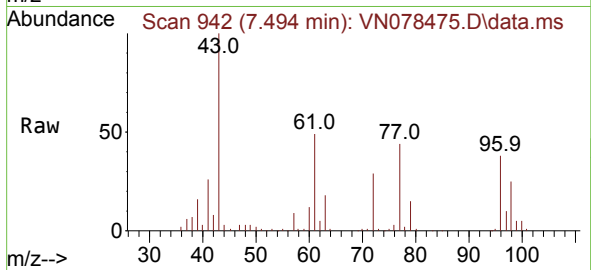




#25
2-Butanone
Concen: 103.580 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

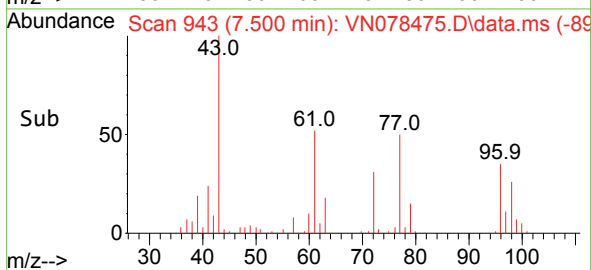
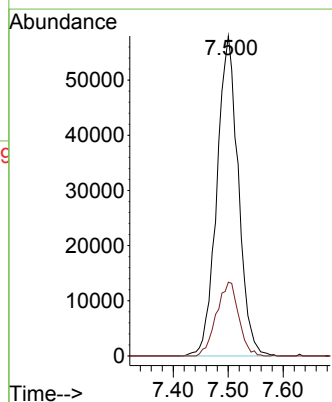
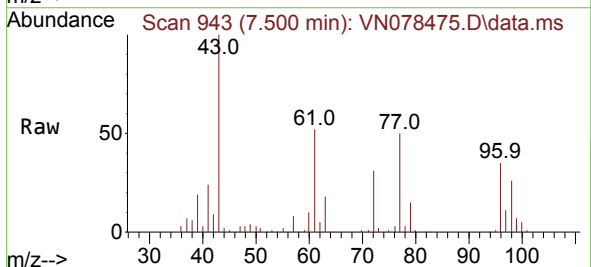
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

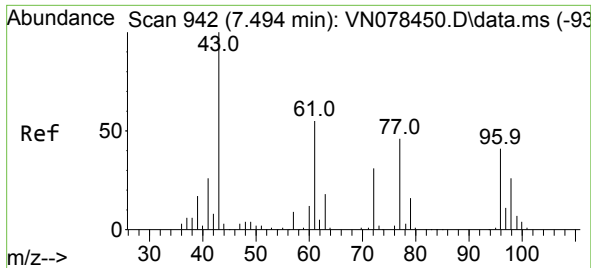
Tgt Ion: 43 Resp: 302723
Ion Ratio Lower Upper
43 100
72 28.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.828 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 77 Resp: 156855
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.6

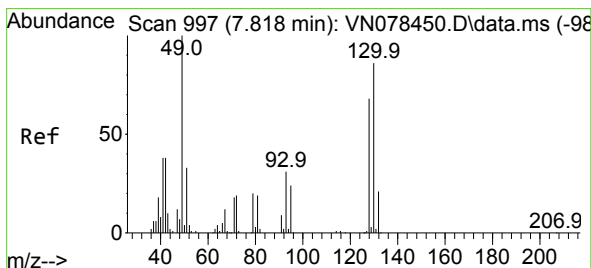
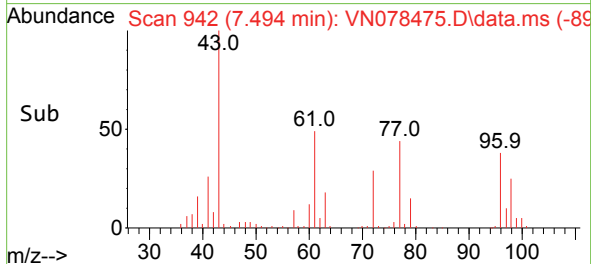
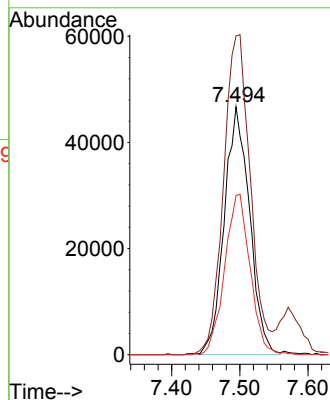
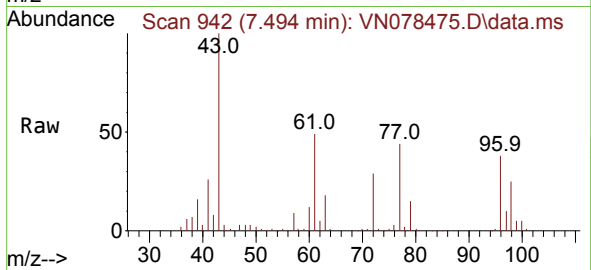




#27
 cis-1,2-Dichloroethene
 Concen: 19.724 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

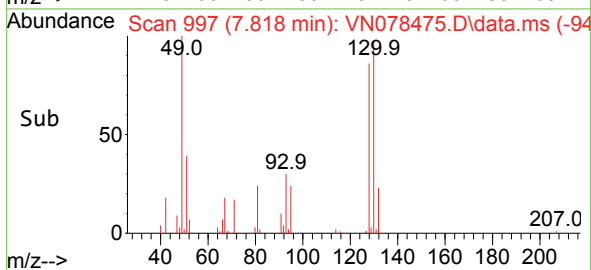
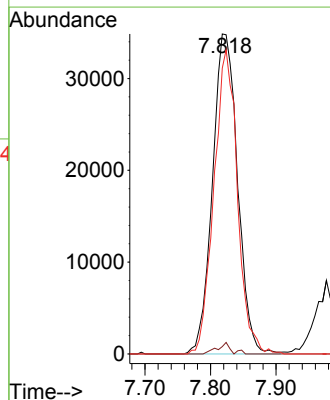
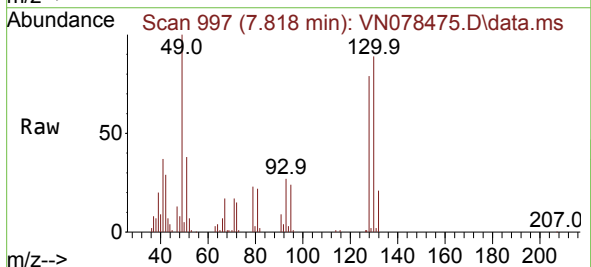
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

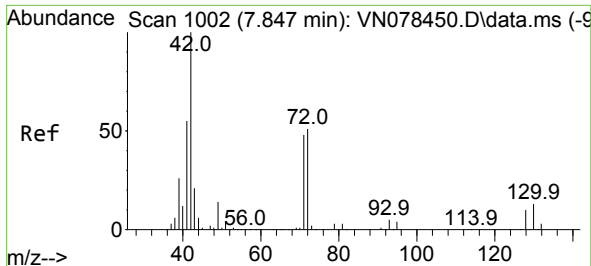
Tgt Ion: 96 Resp: 120627
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 255.2
 98 64.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.358 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

Tgt Ion: 49 Resp: 92742
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 88.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 100.408 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

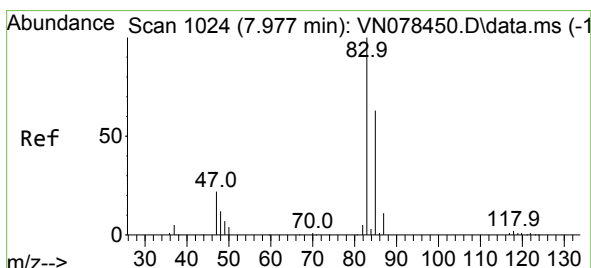
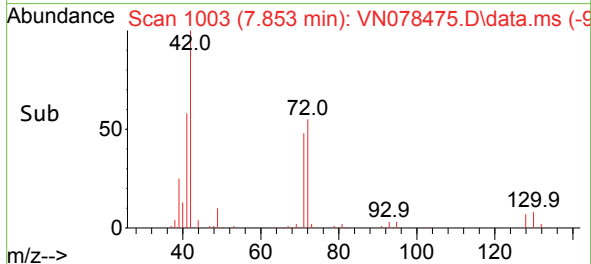
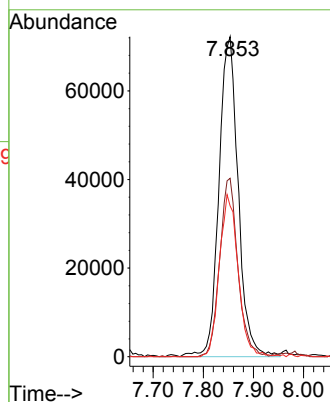
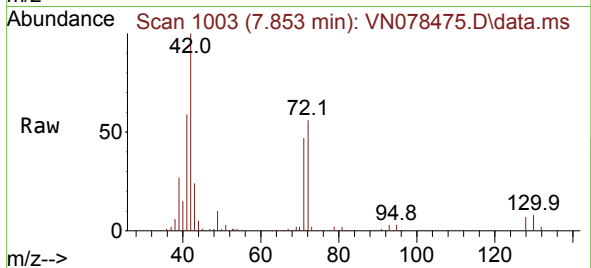
Tgt Ion: 42 Resp: 192554

Ion Ratio Lower Upper

42 100

72 52.8 49.8 74.6

71 49.2 47.4 71.2



#30

Chloroform

Concen: 20.258 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078475.D

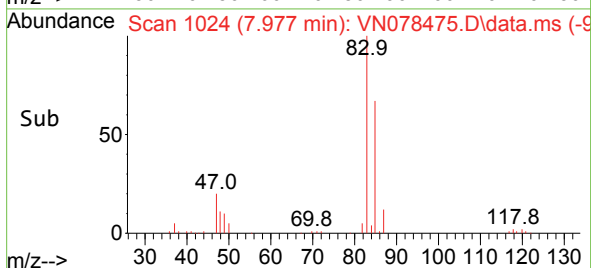
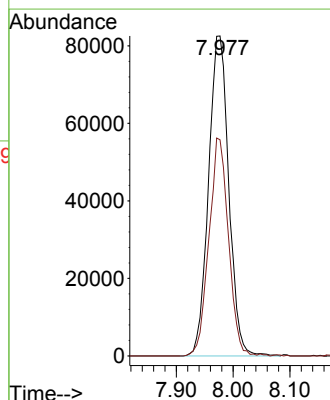
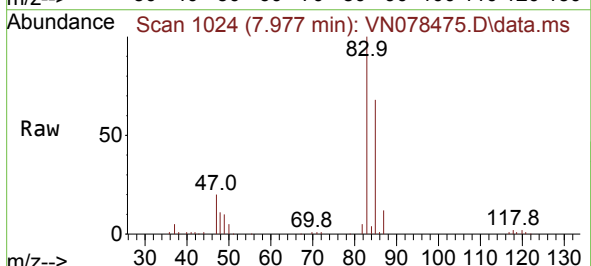
Acq: 12 Jul 2023 12:07

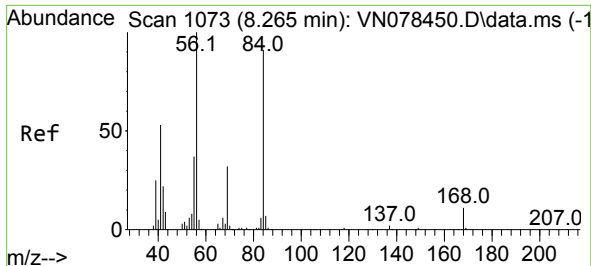
Tgt Ion: 83 Resp: 203994

Ion Ratio Lower Upper

83 100

85 67.5 55.4 83.0

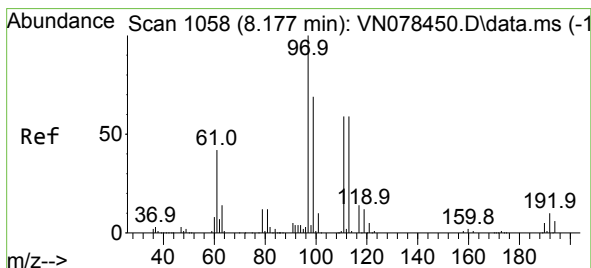
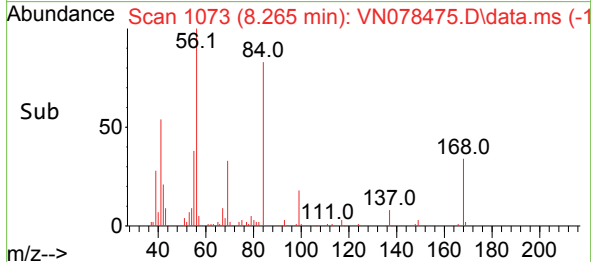
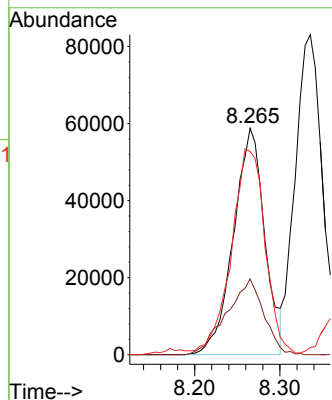
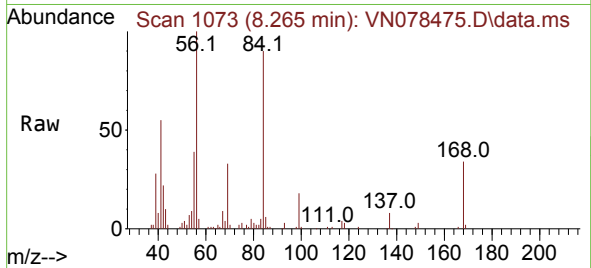




#31
Cyclohexane
Concen: 18.608 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

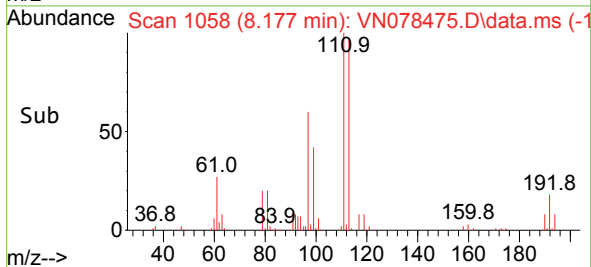
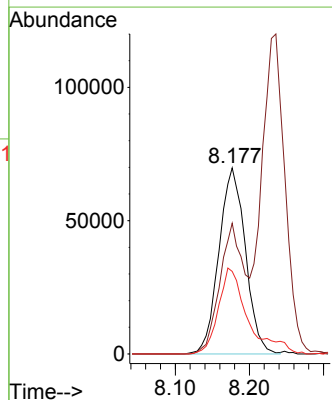
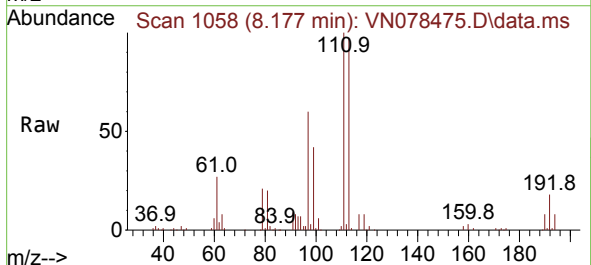
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

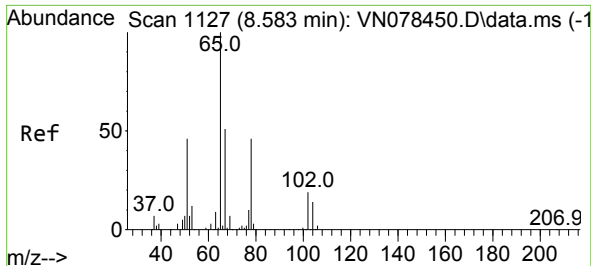
Tgt Ion: 56 Resp: 149891
Ion Ratio Lower Upper
56 100
69 33.4 26.8 40.2
84 87.6 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.189 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 97 Resp: 173242
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 51.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.850 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

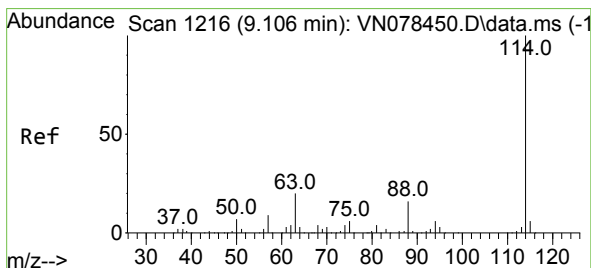
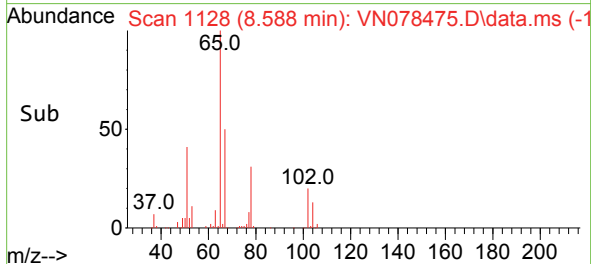
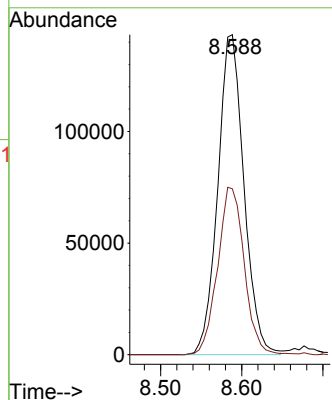
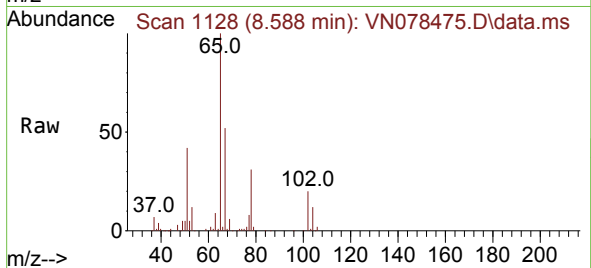
VN0712WBS01

Tgt Ion: 65 Resp: 320964

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

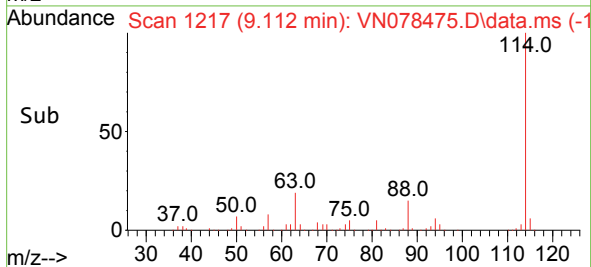
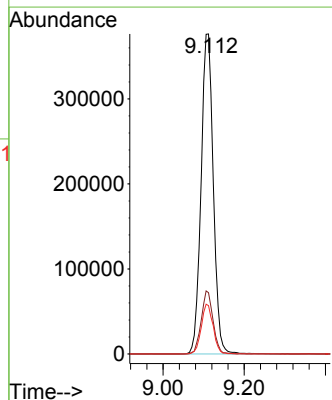
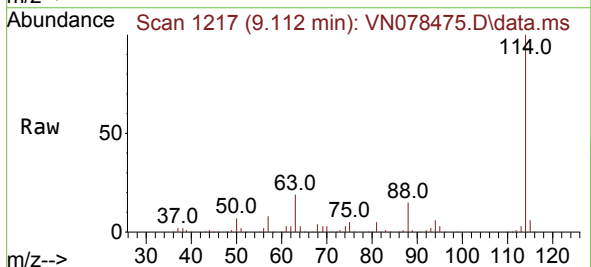
Tgt Ion: 114 Resp: 789995

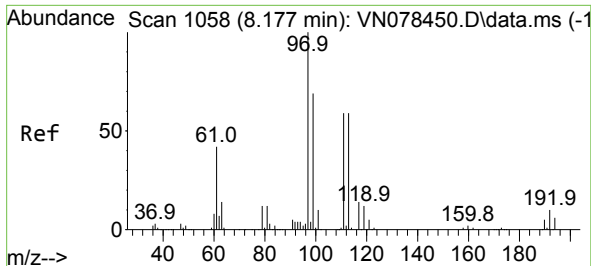
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.1 0.0 30.6

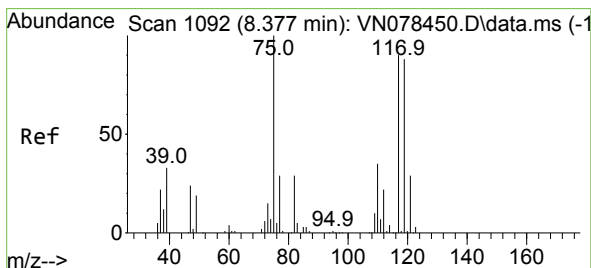
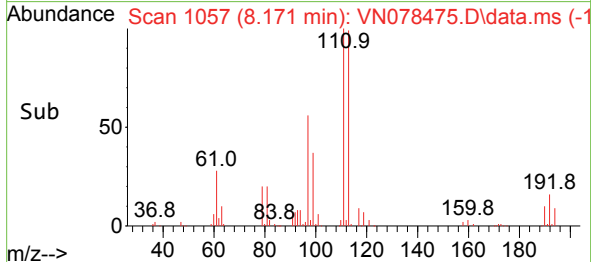
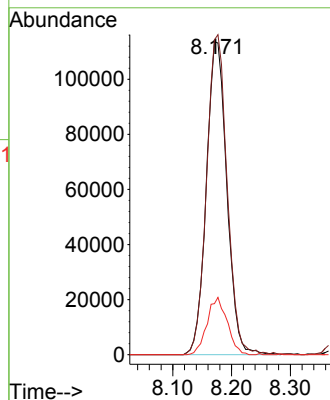
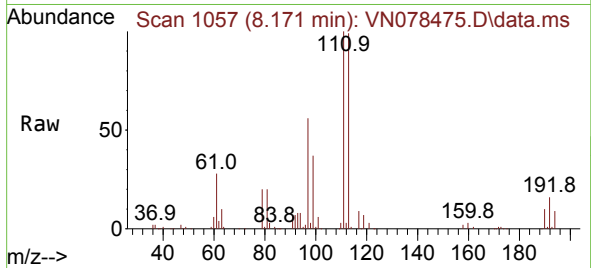




#35
Dibromofluoromethane
Concen: 51.386 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

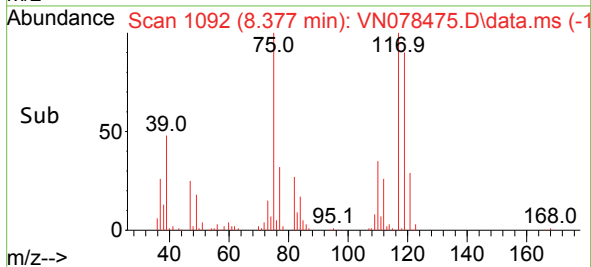
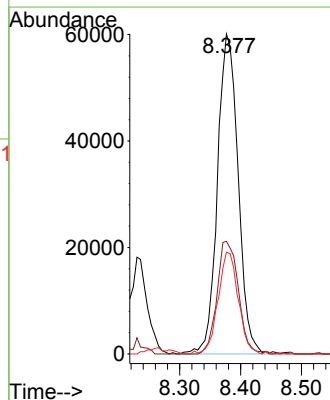
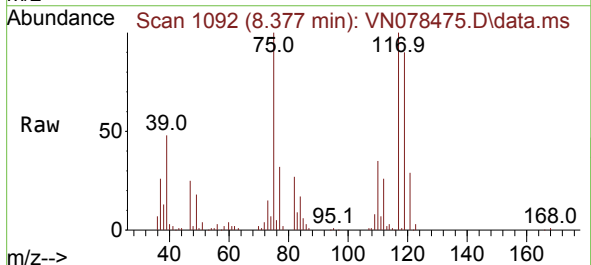
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

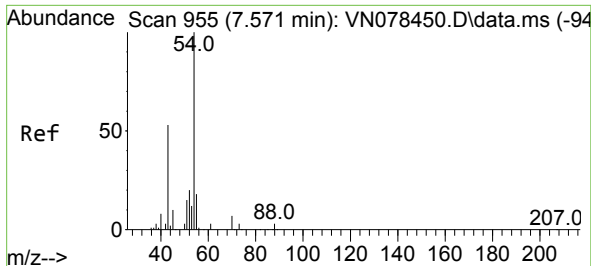
Tgt Ion:113 Resp: 275571
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 18.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 18.333 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 75 Resp: 141960
Ion Ratio Lower Upper
75 100
110 36.3 19.1 57.3
77 31.0 25.0 37.4

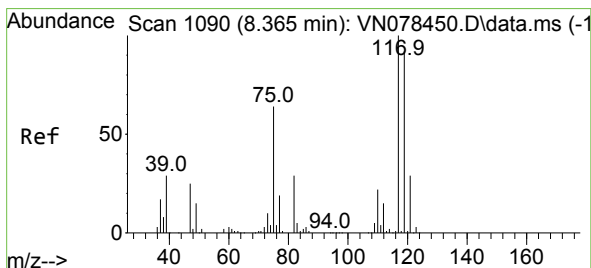
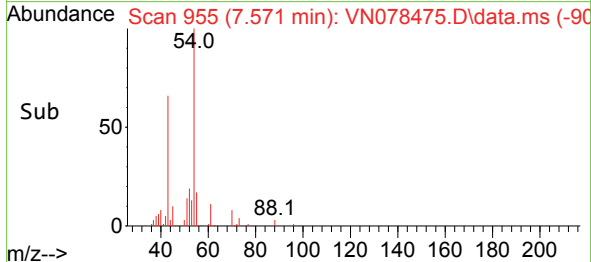
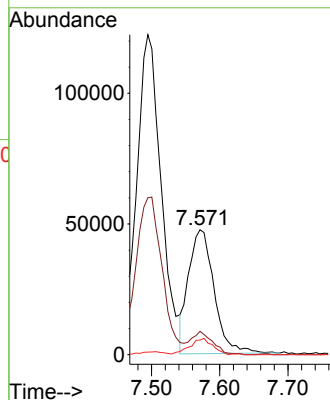
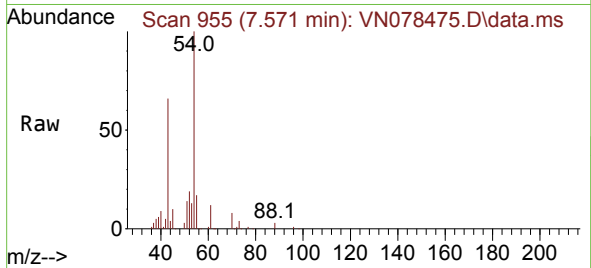




#37
Ethyl Acetate
Concen: 19.126 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

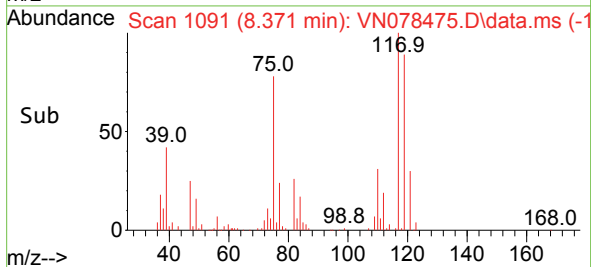
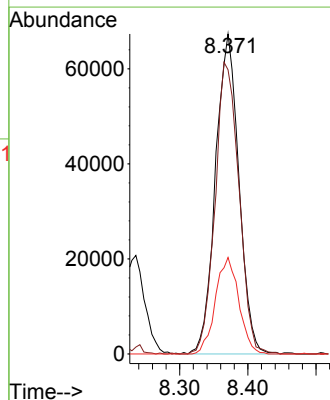
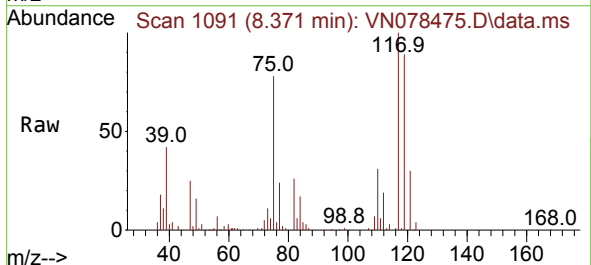
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

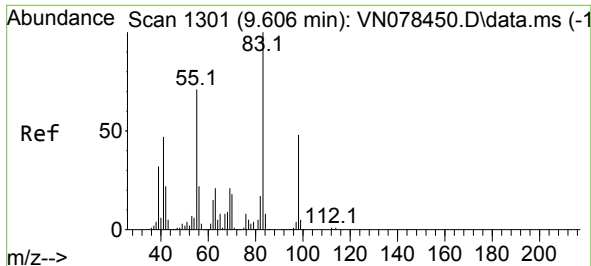
Tgt Ion: 43 Resp: 123456
Ion Ratio Lower Upper
43 100
61 16.0 13.2 19.8
70 10.9 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 19.117 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 117 Resp: 160886
Ion Ratio Lower Upper
117 100
119 88.8 77.3 115.9
121 30.2 23.3 34.9





#39

Methylcyclohexane

Concen: 17.793 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

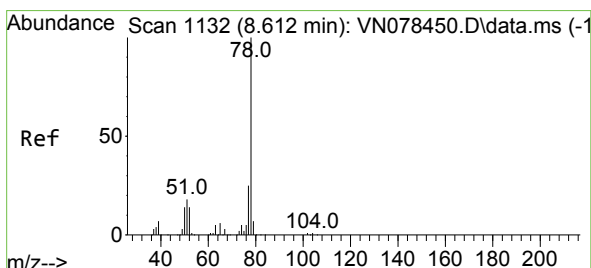
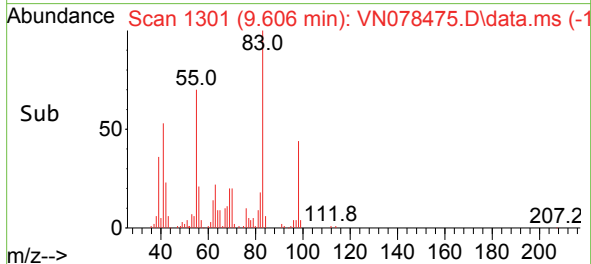
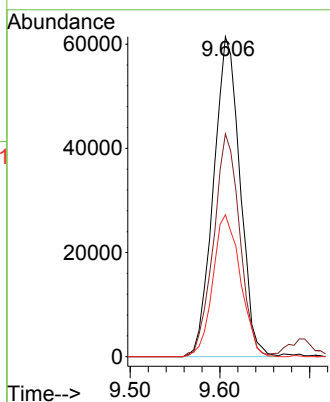
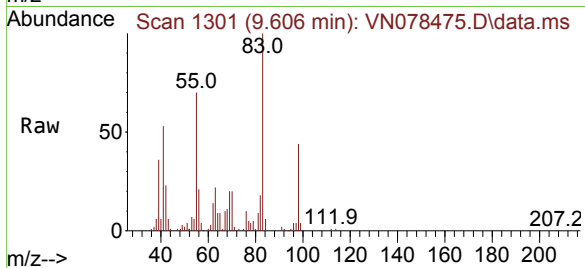
Tgt Ion: 83 Resp: 125760

Ion Ratio Lower Upper

83 100

55 69.6 49.1 73.7

98 44.4 40.6 61.0



#40

Benzene

Concen: 19.176 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078475.D

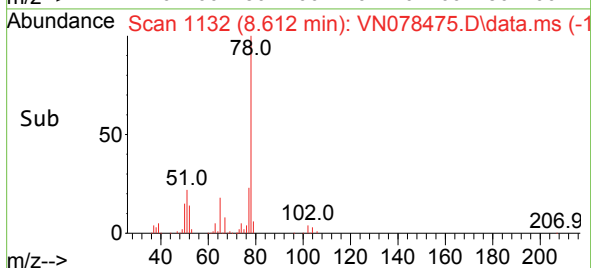
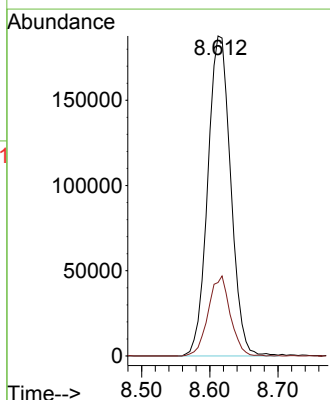
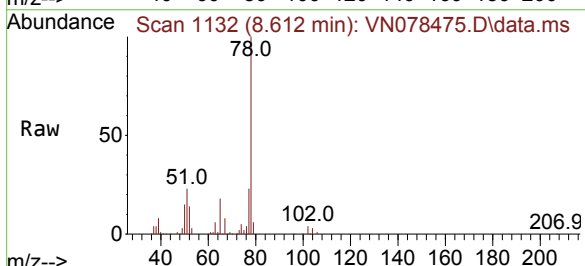
Acq: 12 Jul 2023 12:07

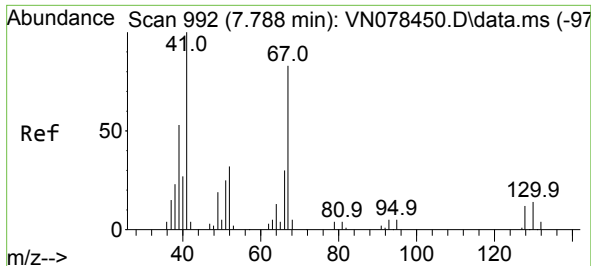
Tgt Ion: 78 Resp: 439890

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

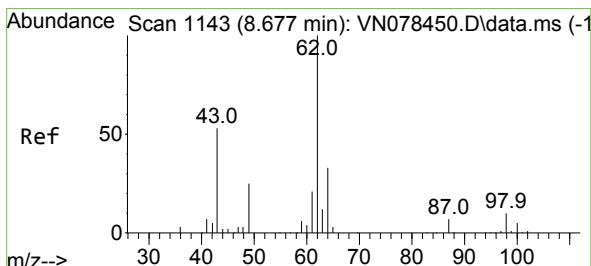
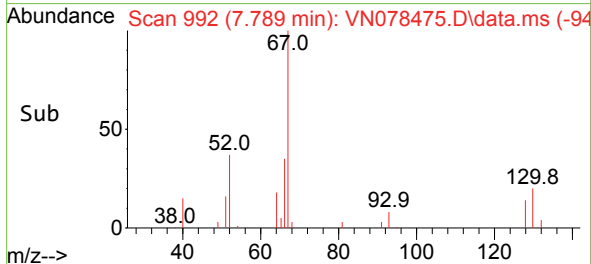
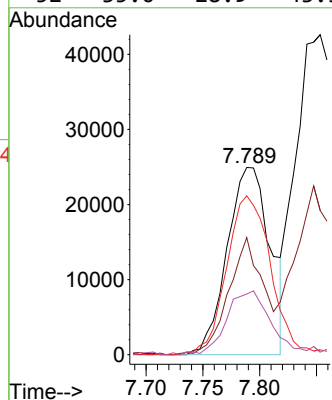
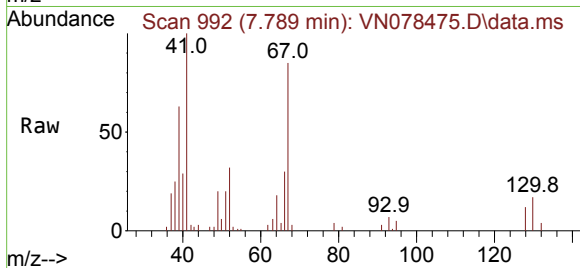




#41
Methacrylonitrile
Concen: 19.922 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.001 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

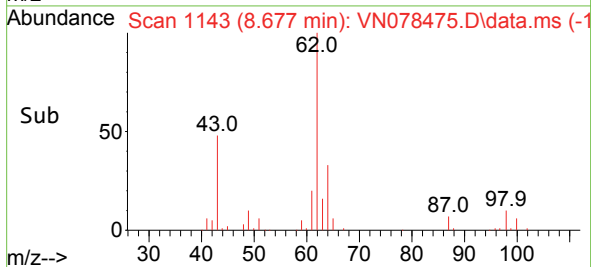
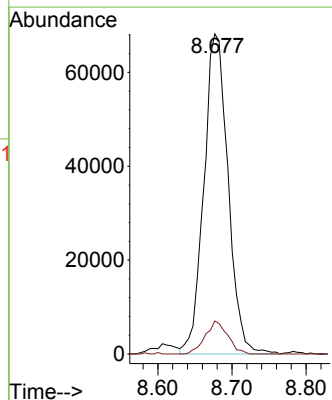
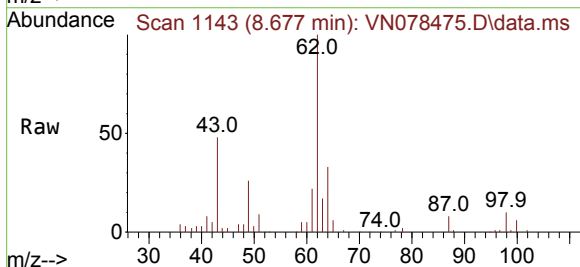
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

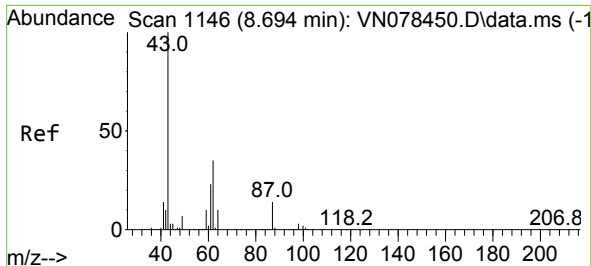
Tgt Ion:	41	Resp:	65556
Ion	Ratio	Lower	Upper
41	100		
39	50.1	42.6	64.0
67	87.3	77.5	116.3
52	35.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.847 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion:	62	Resp:	154860
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8

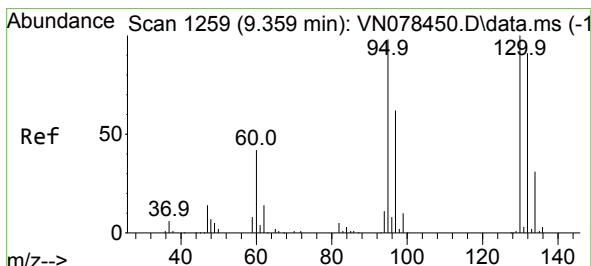
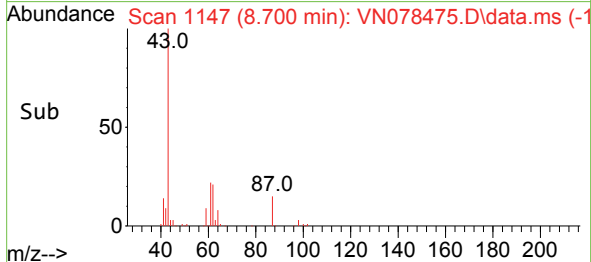
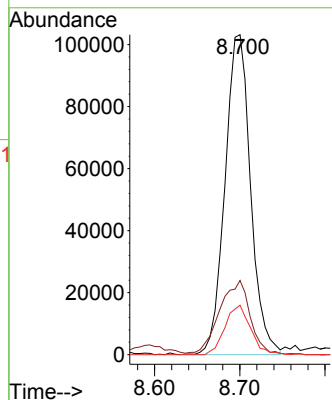
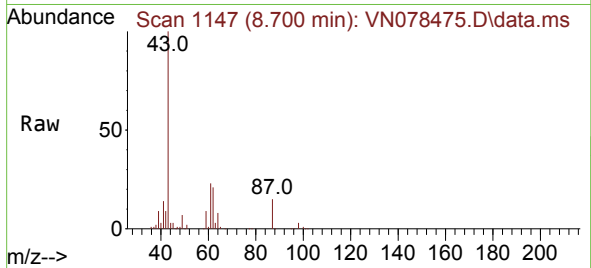




#43
Isopropyl Acetate
Concen: 20.296 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

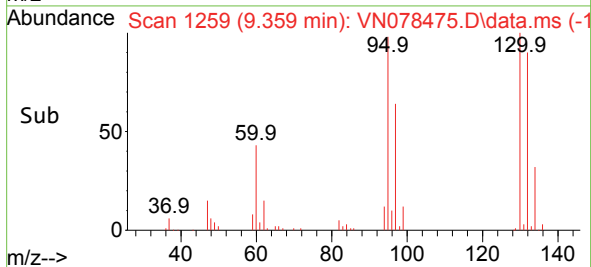
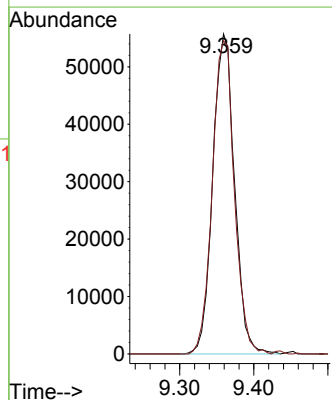
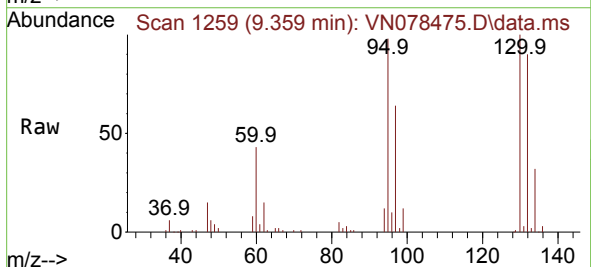
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

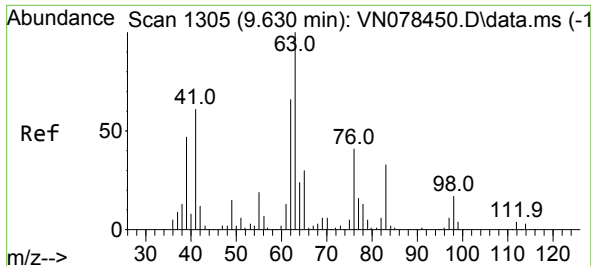
Tgt Ion: 43 Resp: 215696
Ion Ratio Lower Upper
43 100
61 27.4 24.7 37.1
87 15.4 14.6 21.8



#44
Trichloroethene
Concen: 18.396 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion:130 Resp: 113738
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.063 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

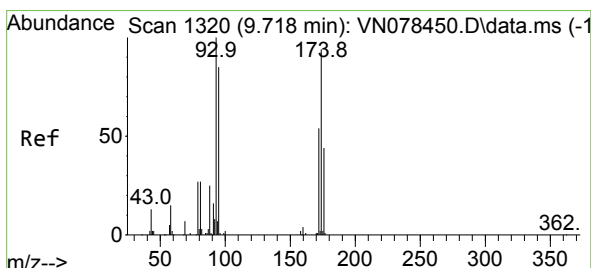
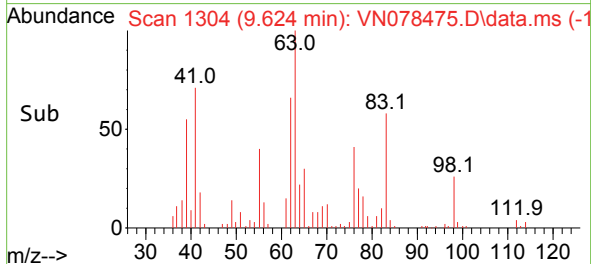
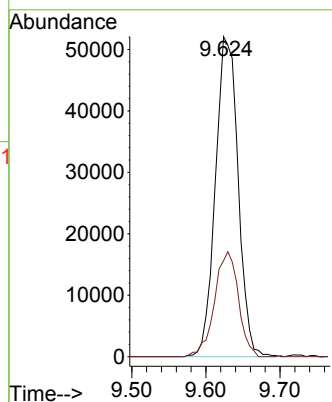
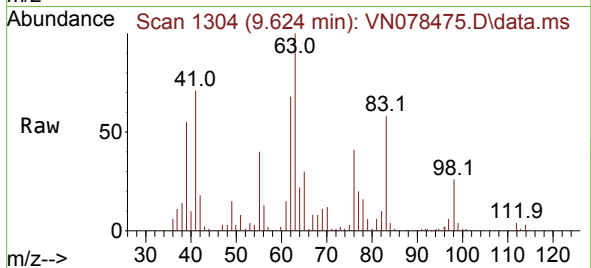
VN0712WBS01

Tgt Ion: 63 Resp: 110759

Ion Ratio Lower Upper

63 100

65 30.0 23.9 35.9



#46

Dibromomethane

Concen: 19.773 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

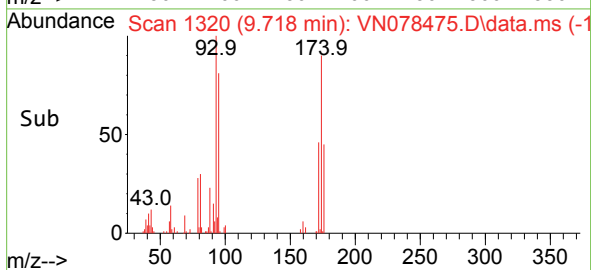
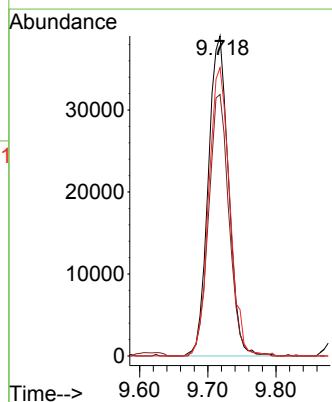
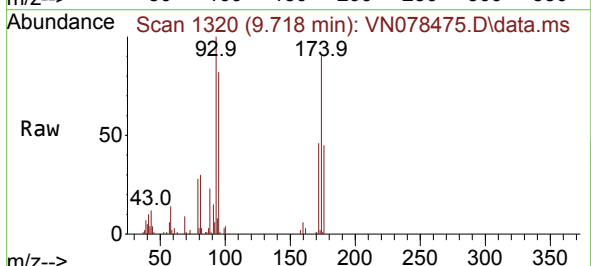
Tgt Ion: 93 Resp: 80860

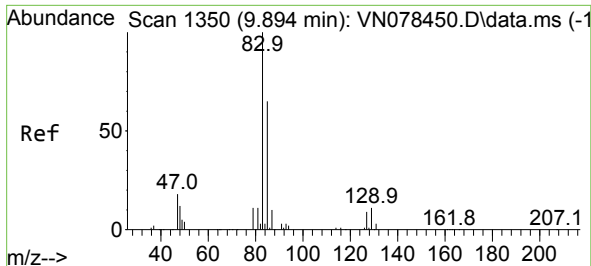
Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

174 92.8 65.6 98.4

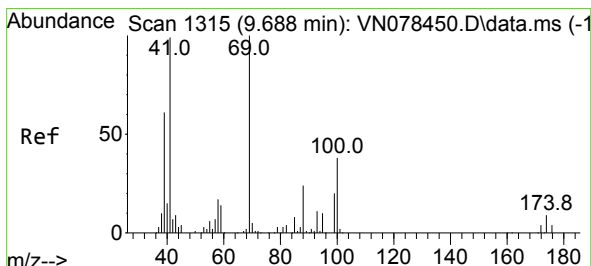
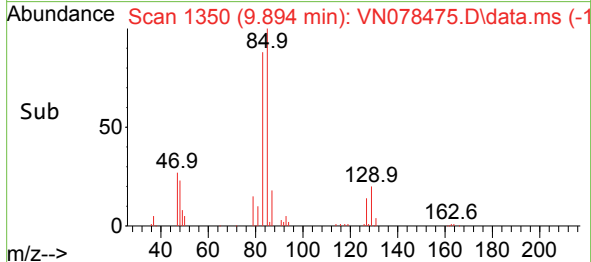
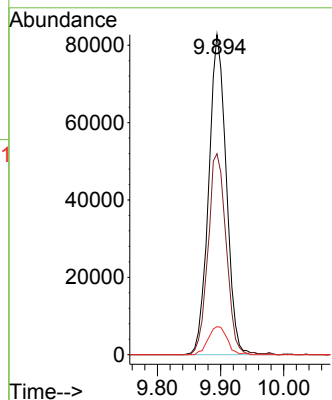
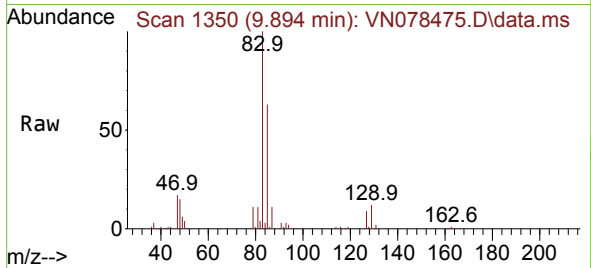




#47
Bromodichloromethane
Concen: 19.496 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

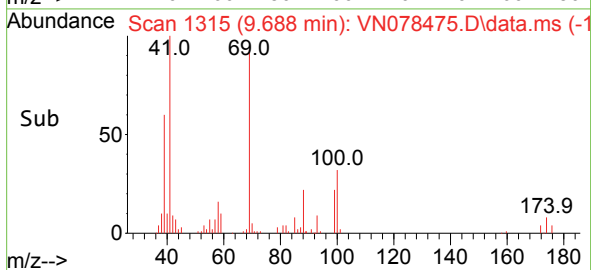
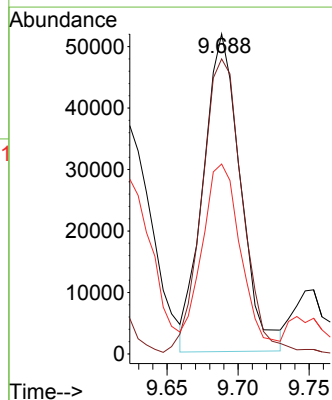
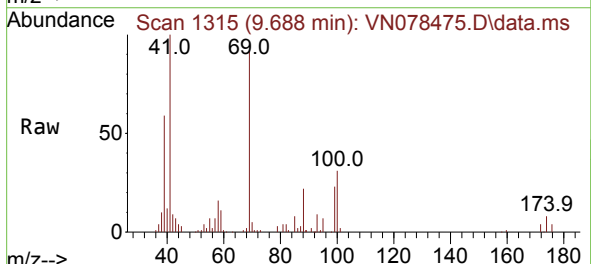
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

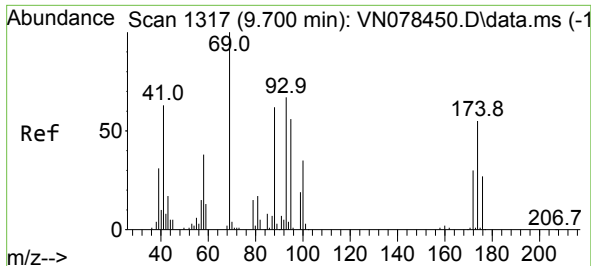
Tgt Ion: 83 Resp: 159816
Ion Ratio Lower Upper
83 100
85 62.8 49.6 74.4
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 19.186 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 41 Resp: 94460
Ion Ratio Lower Upper
41 100
69 100.5 90.4 135.6
39 63.2 54.6 81.8





#49

1,4-Dioxane

Concen: 383.535 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078475.D

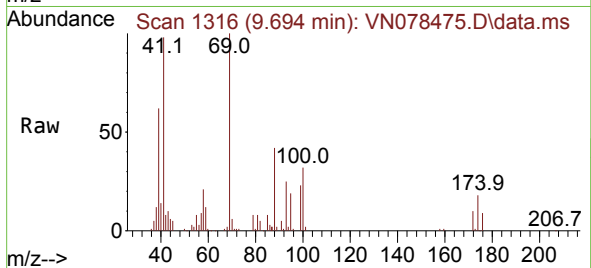
Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01



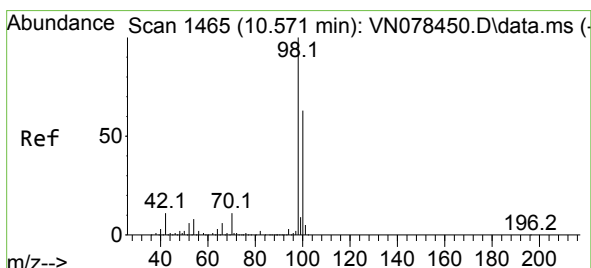
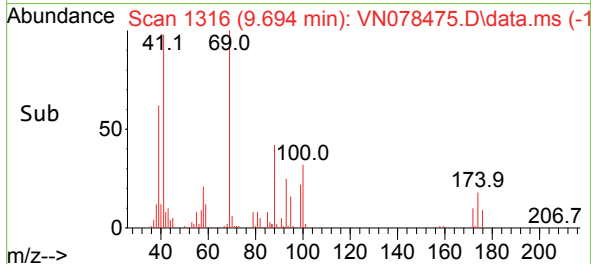
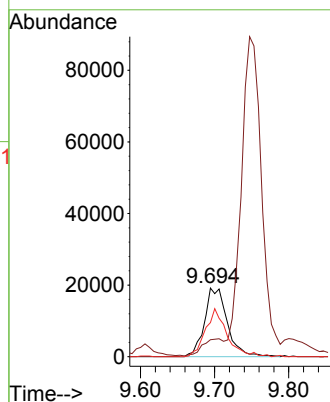
Tgt Ion: 88 Resp: 41181

Ion Ratio Lower Upper

88 100

43 22.8 17.0 25.6

58 66.1 47.0 70.4



#50

Toluene-d8

Concen: 50.185 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078475.D

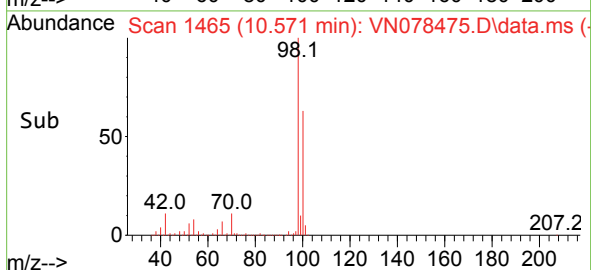
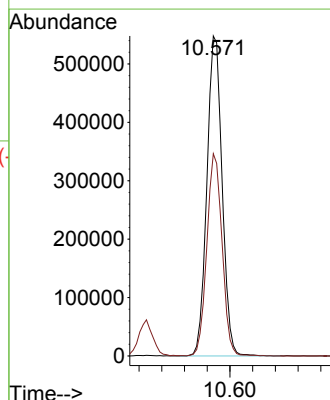
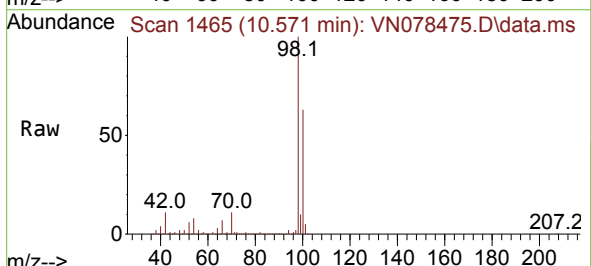
Acq: 12 Jul 2023 12:07

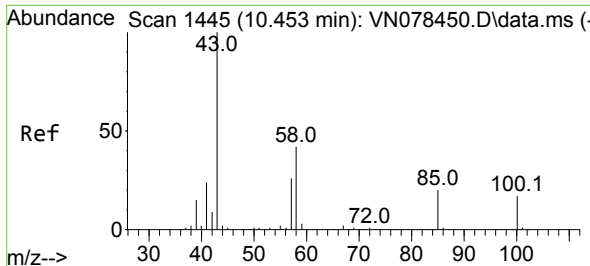
Tgt Ion: 98 Resp: 1016697

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0

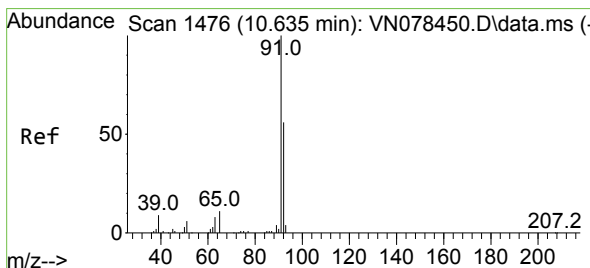
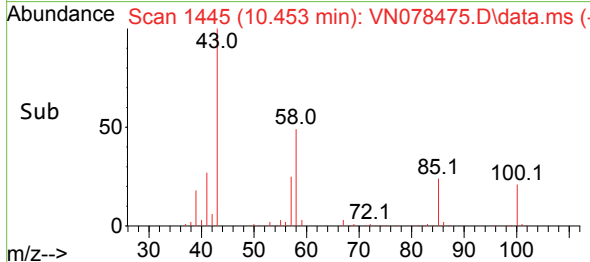
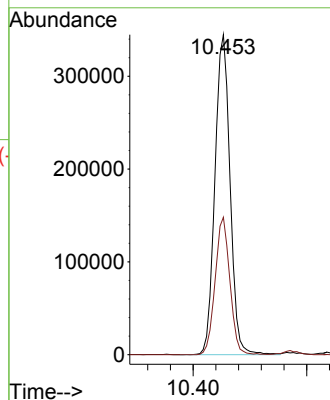
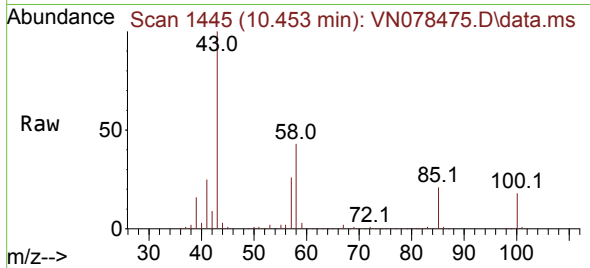




#51
4-Methyl-2-Pentanone
Concen: 100.749 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

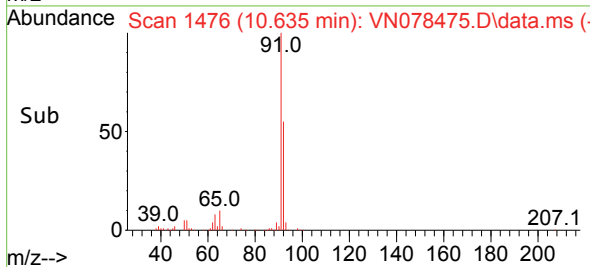
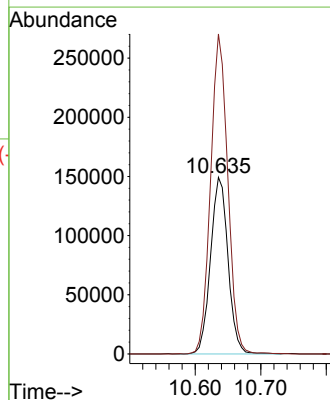
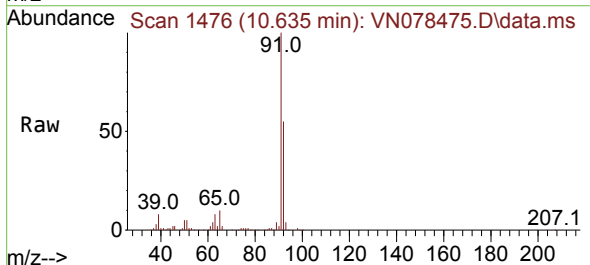
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

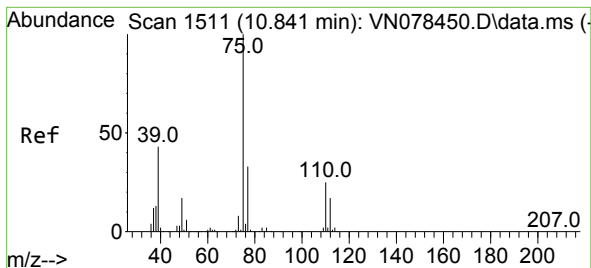
Tgt Ion: 43 Resp: 636858
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8



#52
Toluene
Concen: 19.444 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 92 Resp: 276447
Ion Ratio Lower Upper
92 100
91 177.9 137.4 206.0

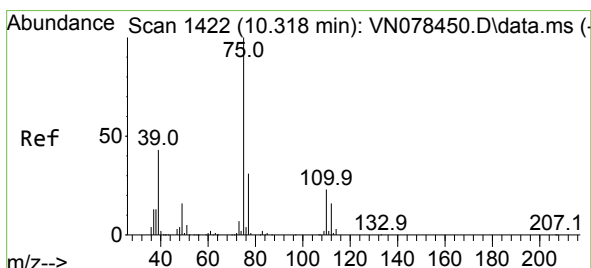
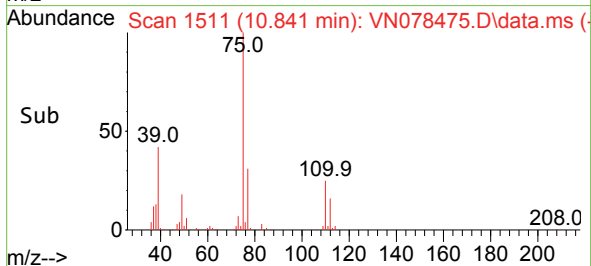
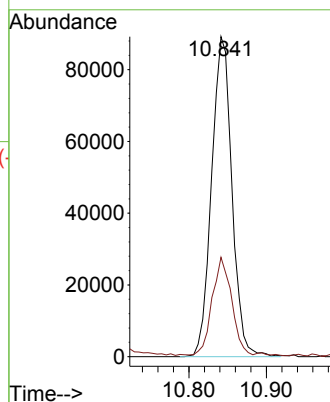
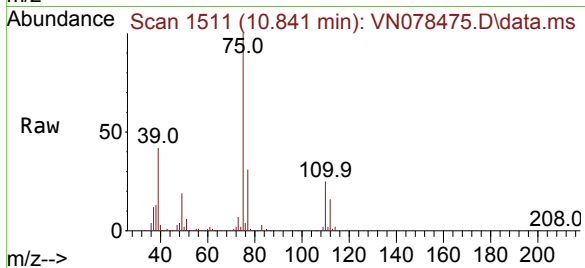




#53
 t-1,3-Dichloropropene
 Concen: 19.357 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

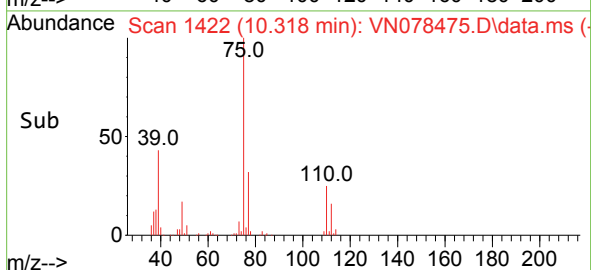
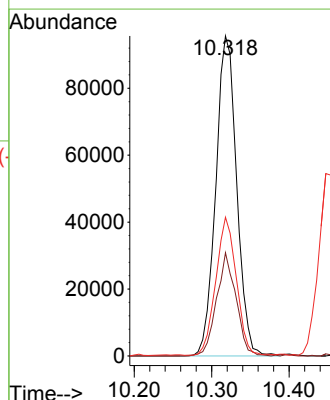
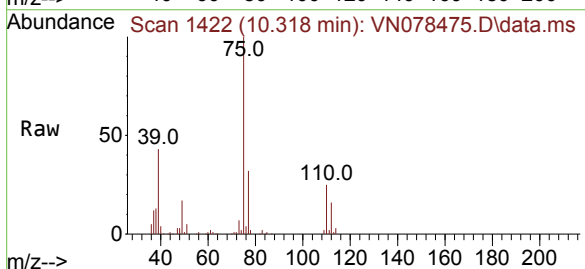
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

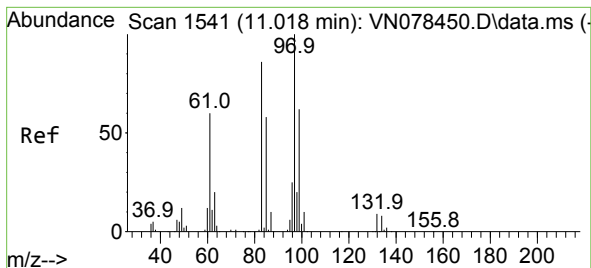
Tgt Ion: 75 Resp: 162559
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.066 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

Tgt Ion: 75 Resp: 179628
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.1 39.1
 39 43.0 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.341 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

Tgt Ion: 97 Resp: 113947

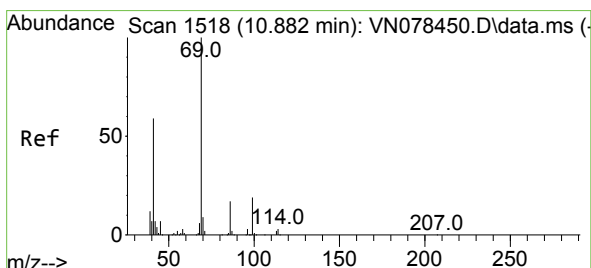
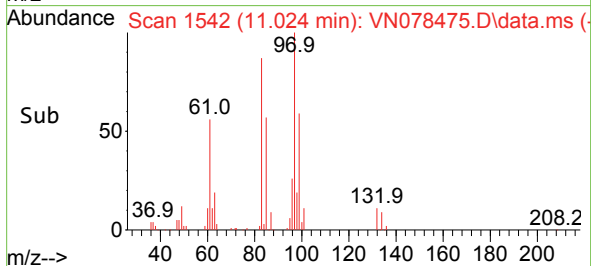
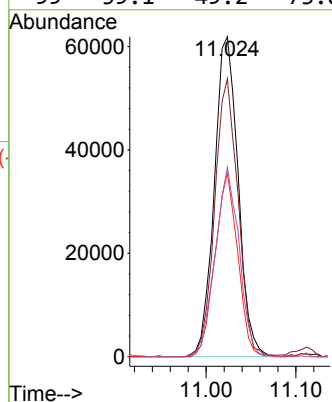
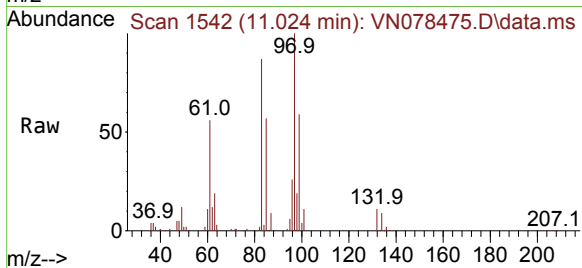
Ion Ratio Lower Upper

97 100

83 86.8 65.1 97.7

85 57.3 43.4 65.2

99 59.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.461 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

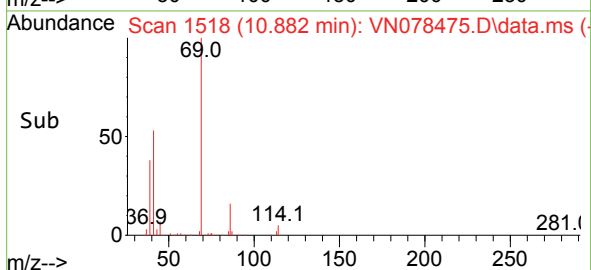
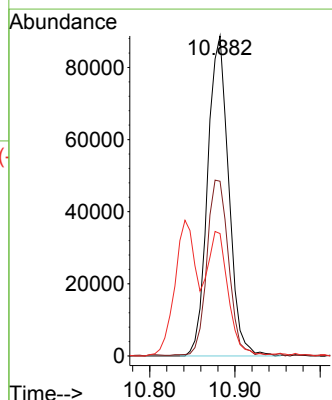
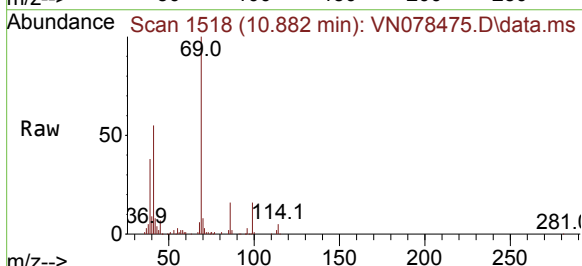
Tgt Ion: 69 Resp: 152389

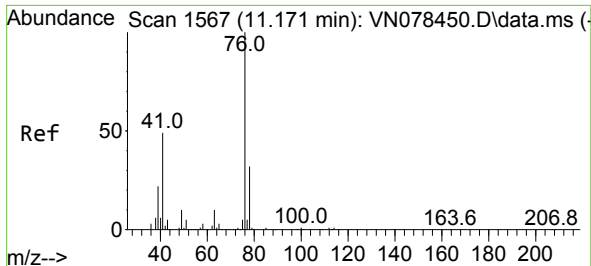
Ion Ratio Lower Upper

69 100

41 56.6 39.6 59.4

39 38.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.184 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

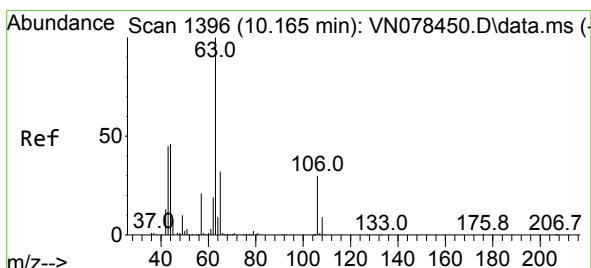
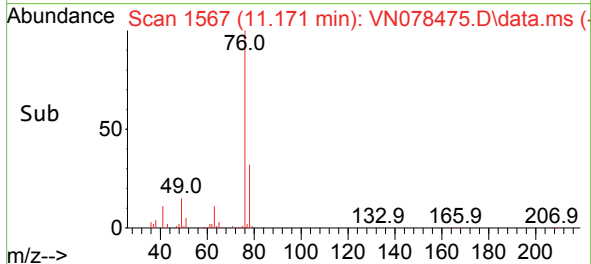
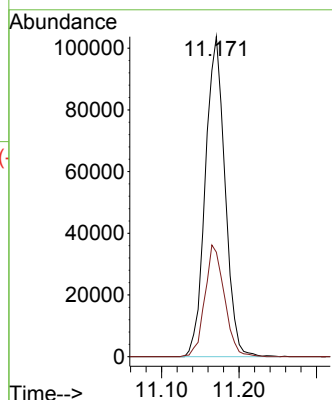
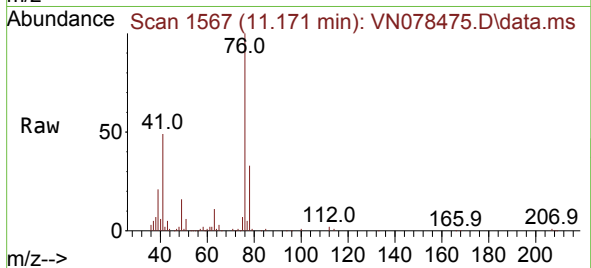
VN0712WBS01

Tgt Ion: 76 Resp: 182719

Ion Ratio Lower Upper

76 100

78 34.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 94.347 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078475.D

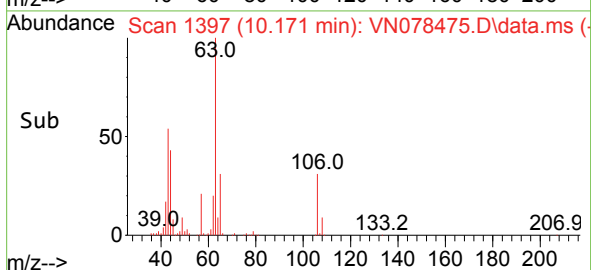
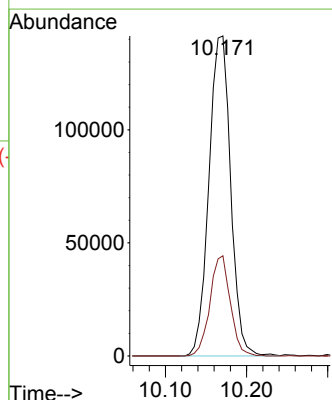
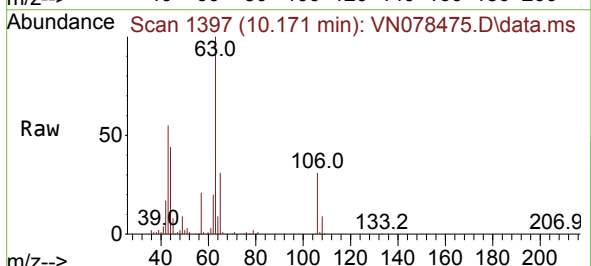
Acq: 12 Jul 2023 12:07

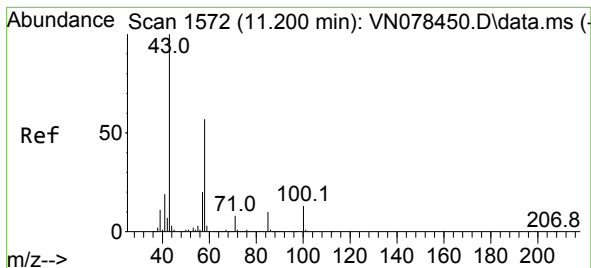
Tgt Ion: 63 Resp: 263286

Ion Ratio Lower Upper

63 100

106 29.3 26.2 39.4

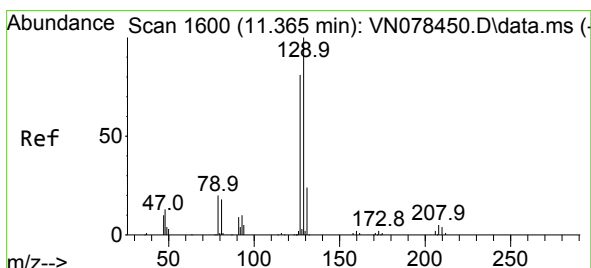
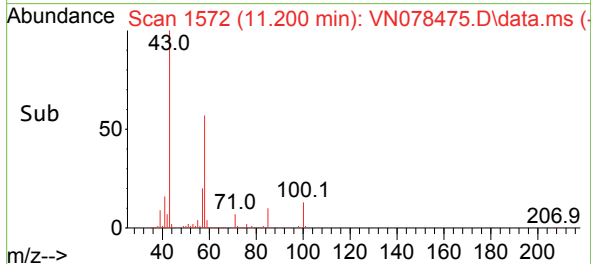
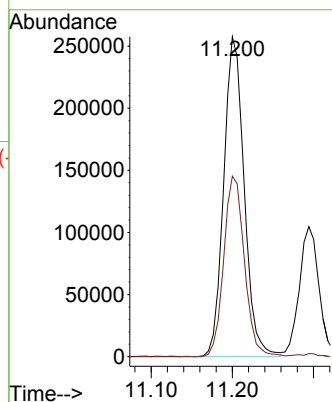
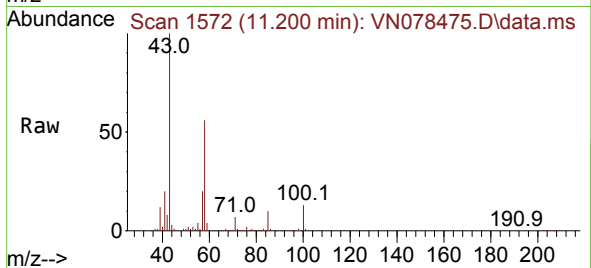




#59
2-Hexanone
Concen: 100.535 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

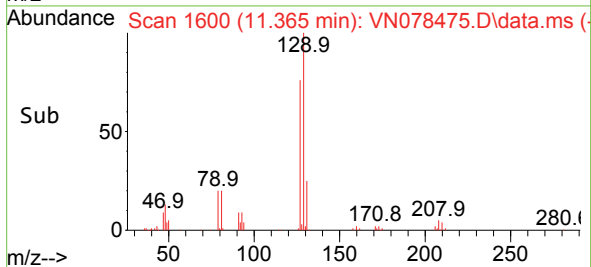
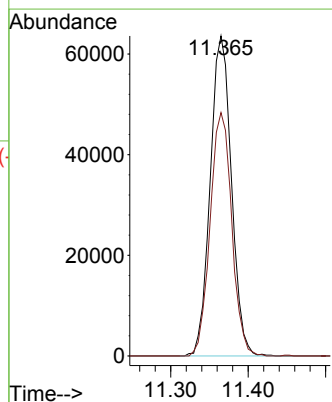
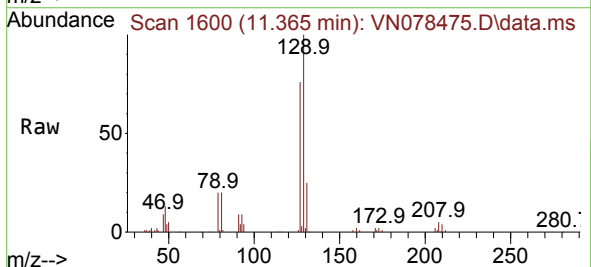
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

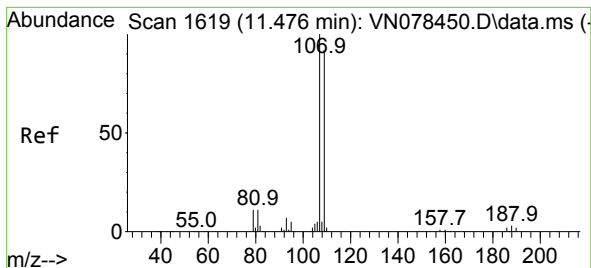
Tgt Ion: 43 Resp: 451661
Ion Ratio Lower Upper
43 100
58 56.9 31.7 95.1



#60
Dibromochloromethane
Concen: 19.523 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 129 Resp: 120735
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

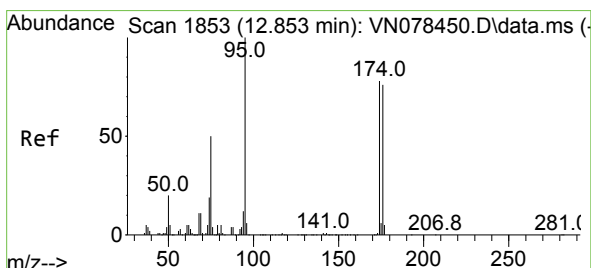
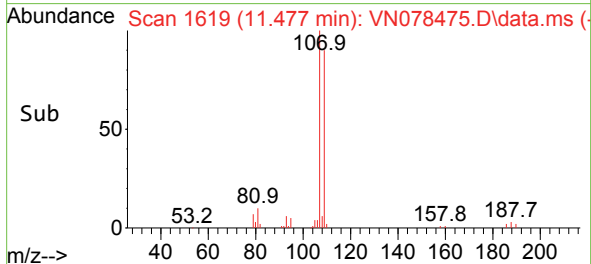
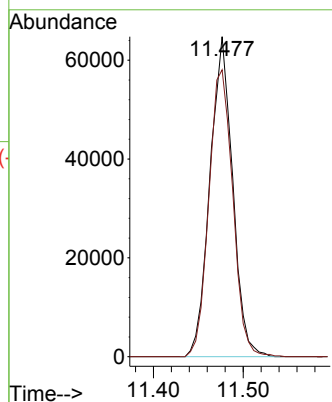
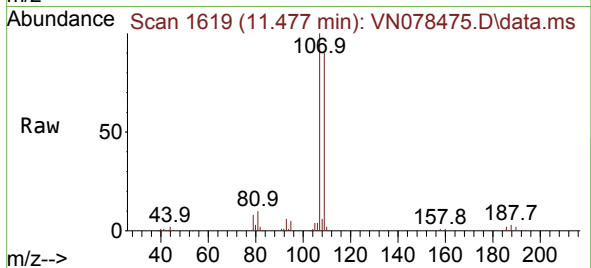




#61
1,2-Dibromoethane
Concen: 19.717 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

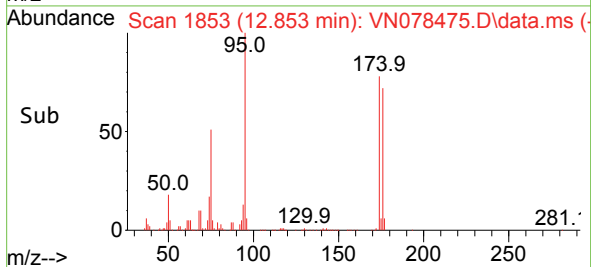
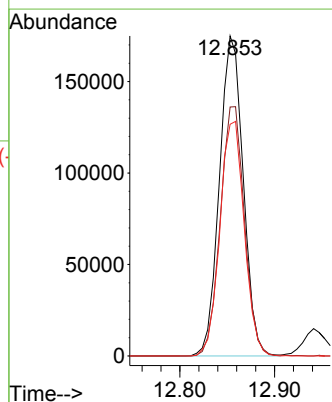
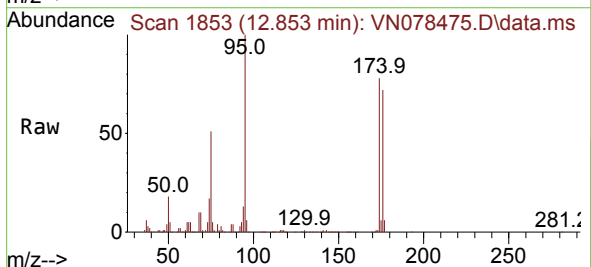
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

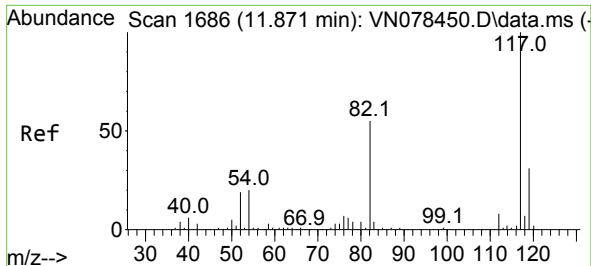
Tgt Ion:107 Resp: 113780
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.855 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 95 Resp: 304864
Ion Ratio Lower Upper
95 100
174 79.3 0.0 143.8
176 75.2 0.0 135.8

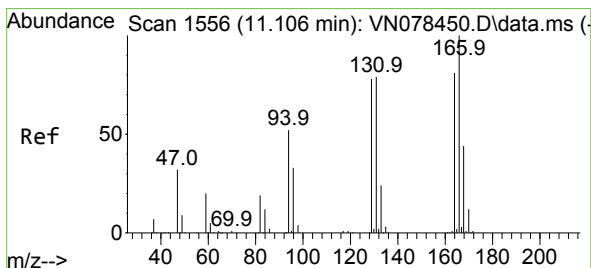
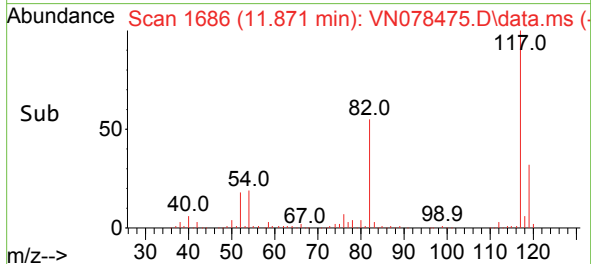
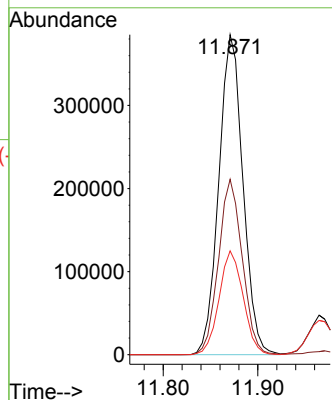
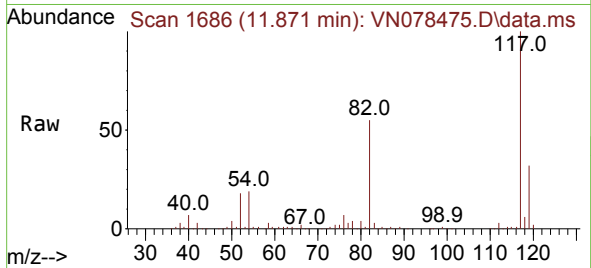




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

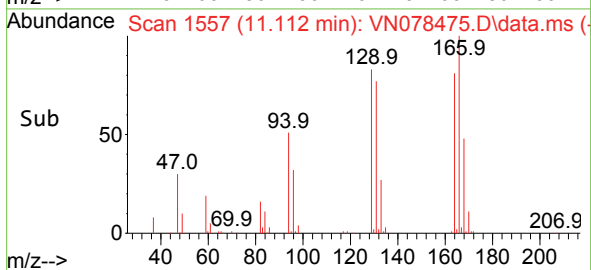
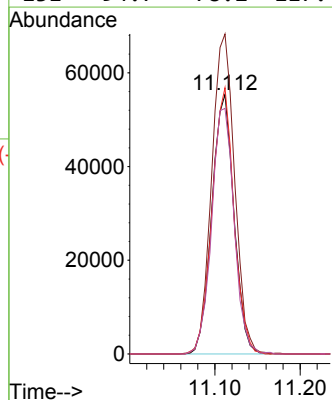
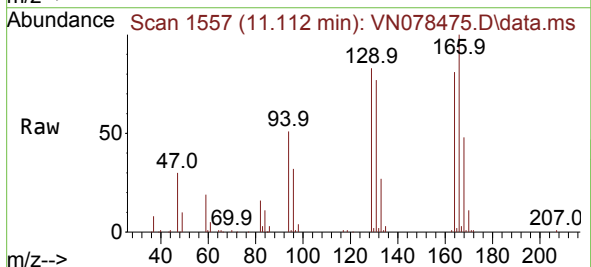
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

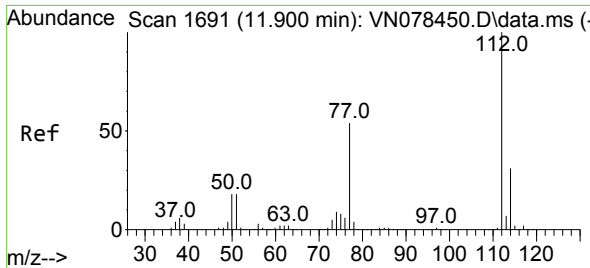
Tgt Ion:117 Resp: 682489
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 19.451 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion:164 Resp: 99803
Ion Ratio Lower Upper
164 100
166 123.3 101.4 152.0
129 102.6 82.4 123.6
131 94.7 78.2 117.4

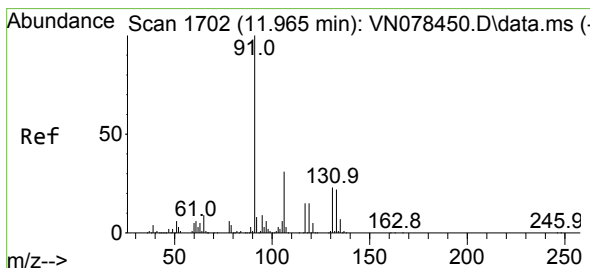
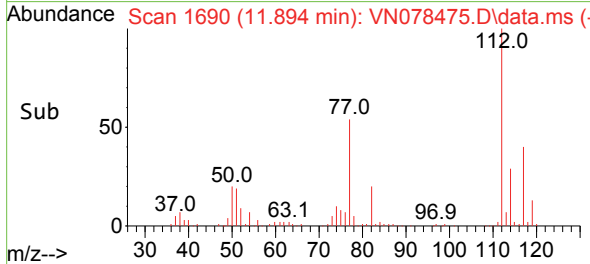
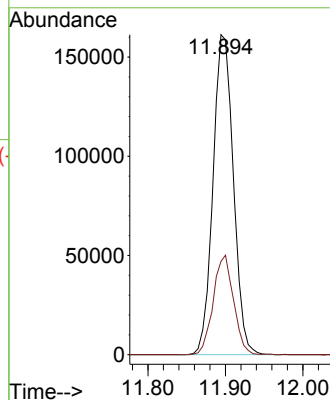
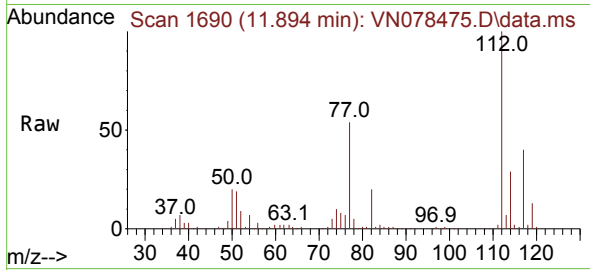




#65
Chlorobenzene
Concen: 19.285 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

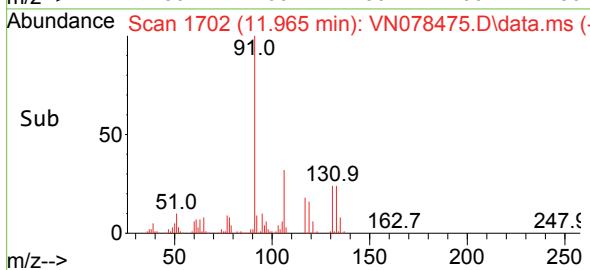
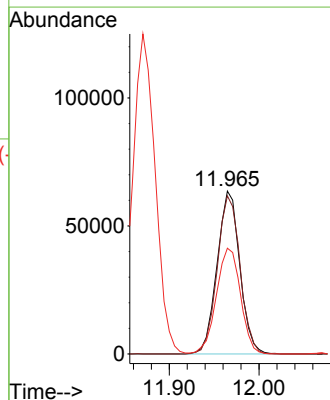
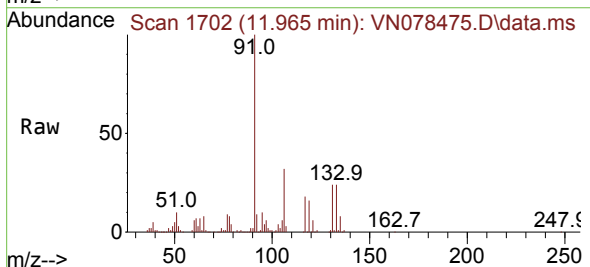
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

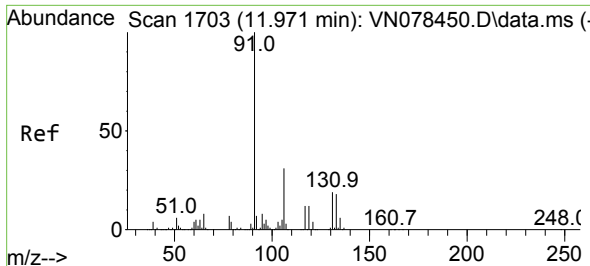
Tgt Ion:112 Resp: 294204
Ion Ratio Lower Upper
112 100
114 29.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.046 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion:131 Resp: 111774
Ion Ratio Lower Upper
131 100
133 97.7 46.4 139.1
119 68.9 34.1 102.2

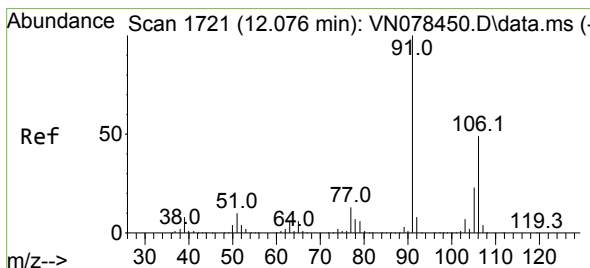
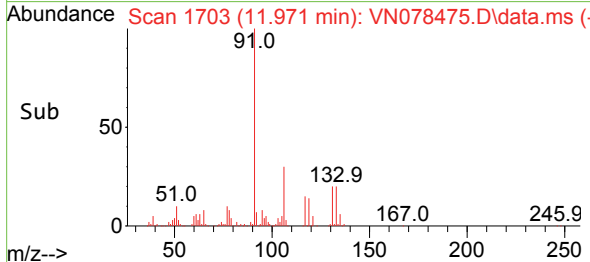
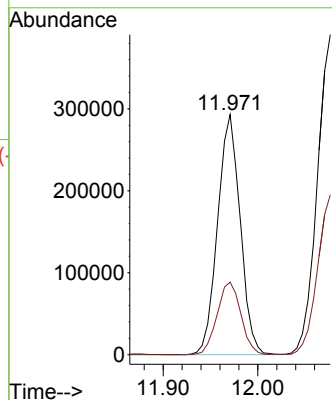
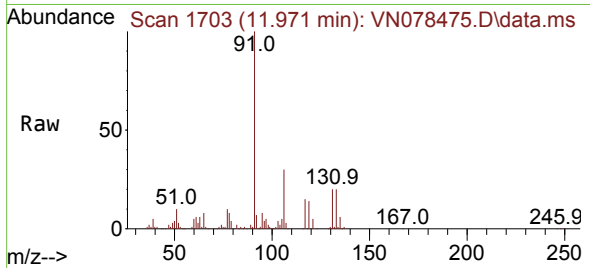




#67
Ethyl Benzene
Concen: 18.830 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

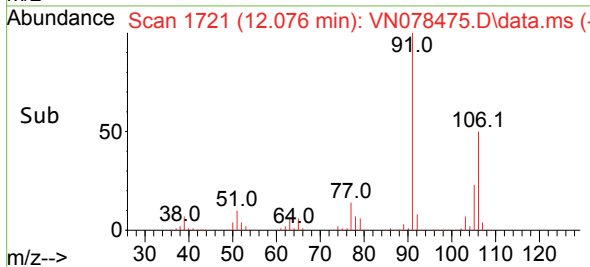
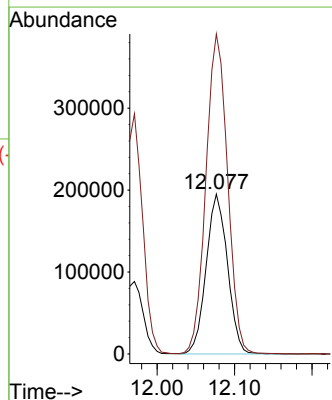
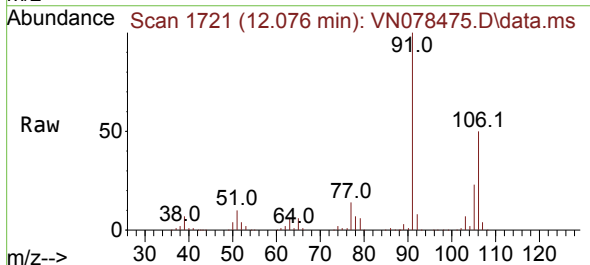
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

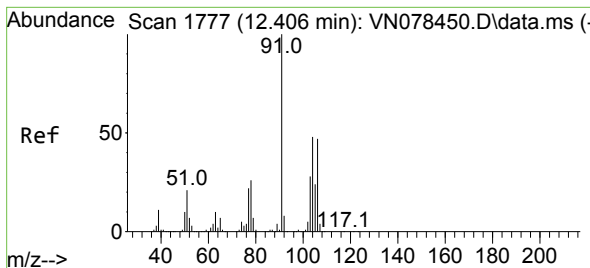
Tgt Ion: 91 Resp: 485550
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4



#68
m/p-Xylenes
Concen: 39.105 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion:106 Resp: 372832
Ion Ratio Lower Upper
106 100
91 203.5 159.6 239.4





#69

o-Xylene

Concen: 18.810 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

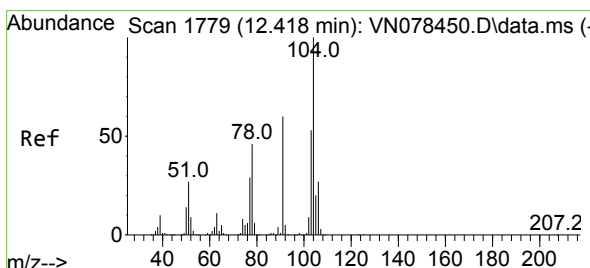
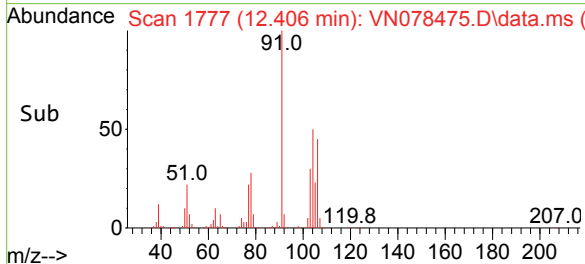
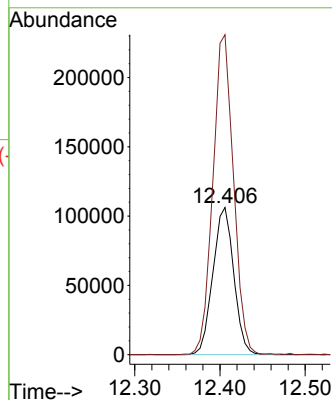
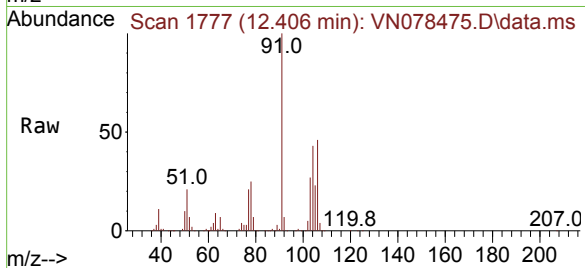
VN0712WBS01

Tgt Ion:106 Resp: 181141

Ion Ratio Lower Upper

106 100

91 214.9 105.2 315.5



#70

Styrene

Concen: 19.147 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

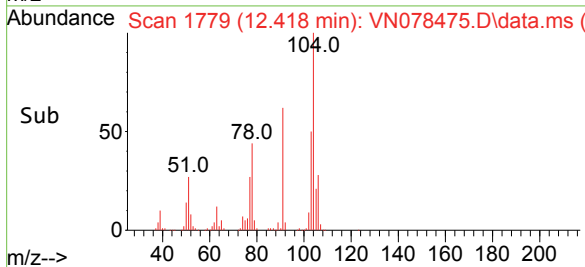
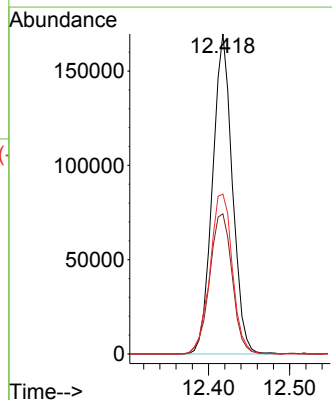
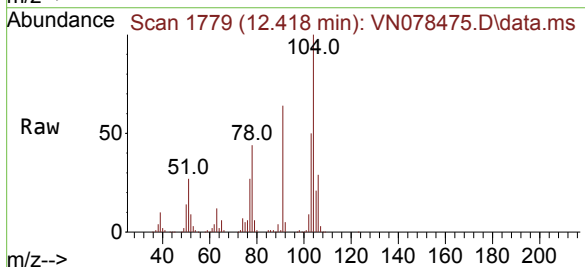
Tgt Ion:104 Resp: 288458

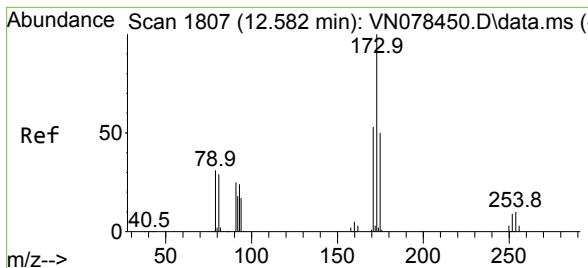
Ion Ratio Lower Upper

104 100

78 49.8 39.5 59.3

103 56.5 43.2 64.8





#71

Bromoform

Concen: 19.393 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

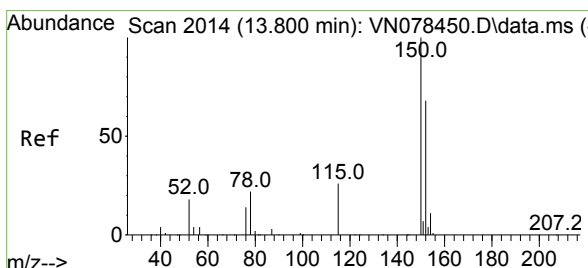
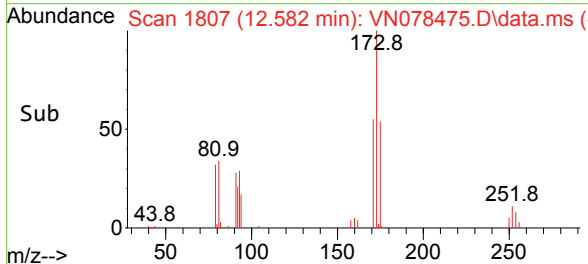
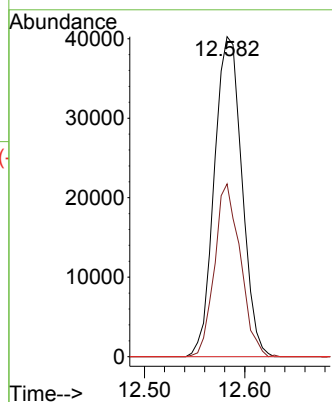
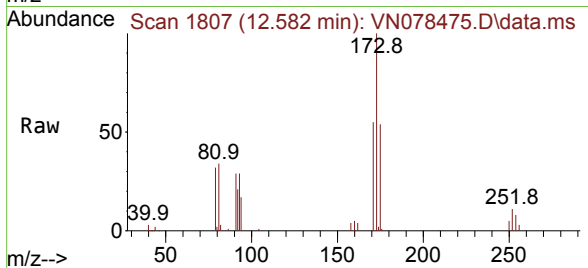
Tgt Ion:173 Resp: 77080

Ion Ratio Lower Upper

173 100

175 50.5 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

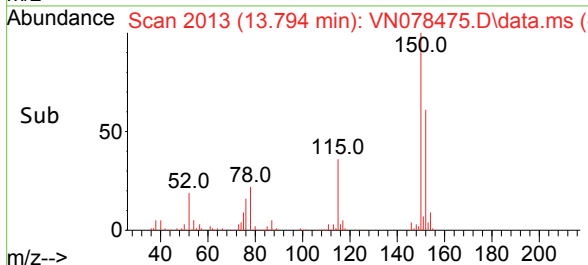
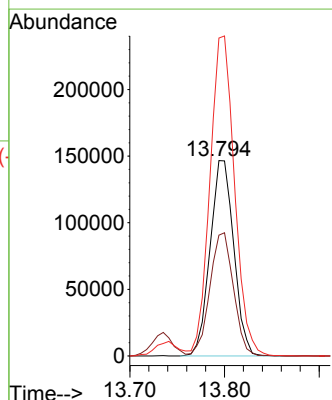
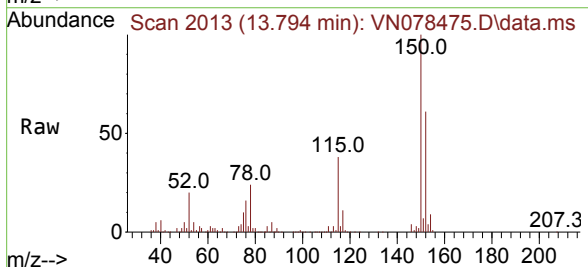
Tgt Ion:152 Resp: 255672

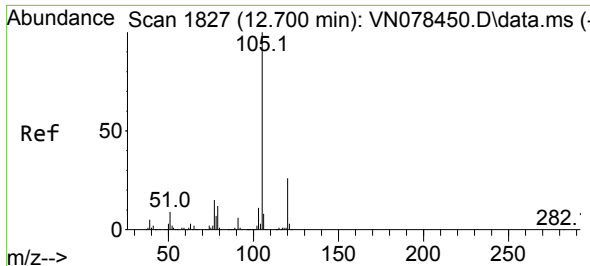
Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 170.0 0.0 355.8

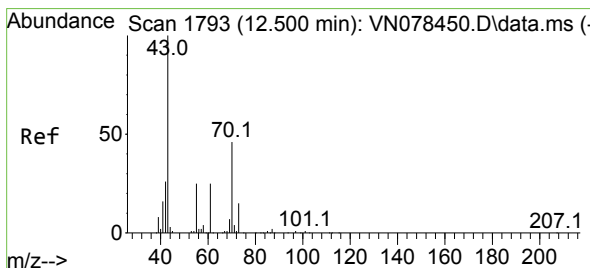
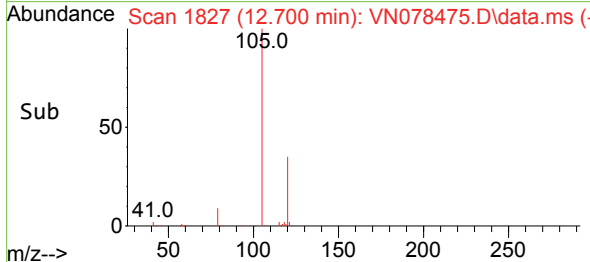
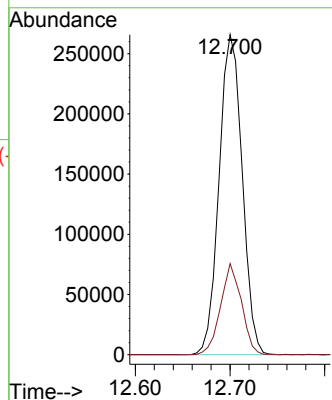
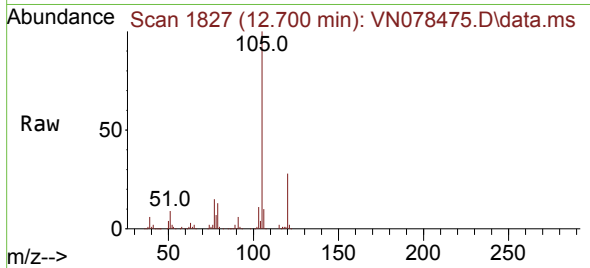




#73
Isopropylbenzene
Concen: 18.758 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

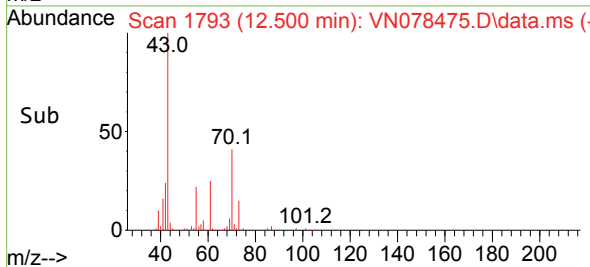
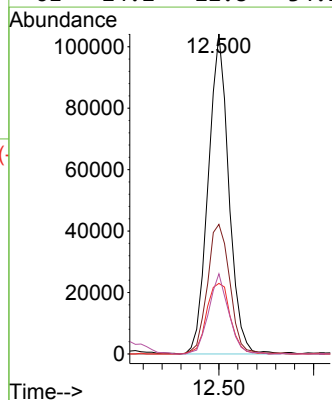
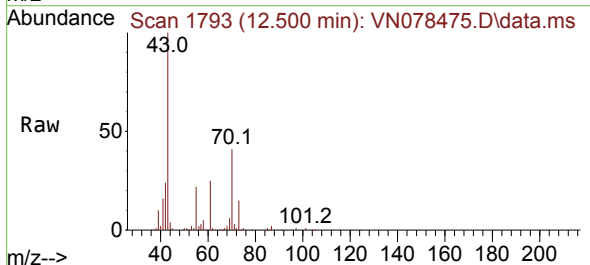
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

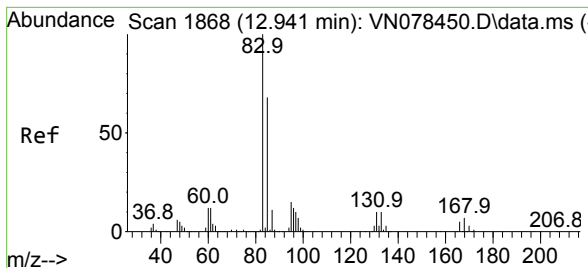
Tgt Ion:105 Resp: 450636
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 19.074 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 43 Resp: 157914
Ion Ratio Lower Upper
43 100
70 44.2 43.4 65.2
55 25.6 21.4 32.0
61 24.2 22.8 34.2

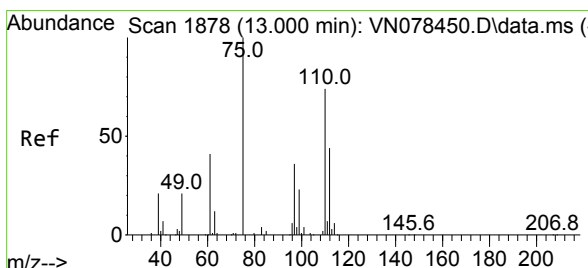
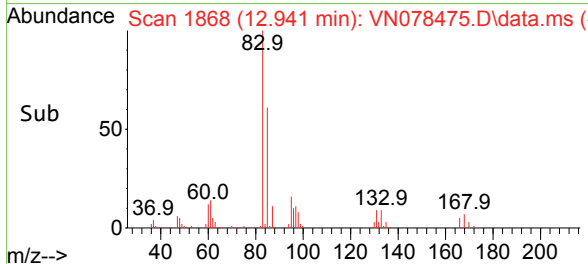
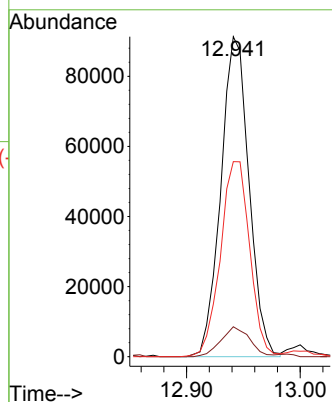
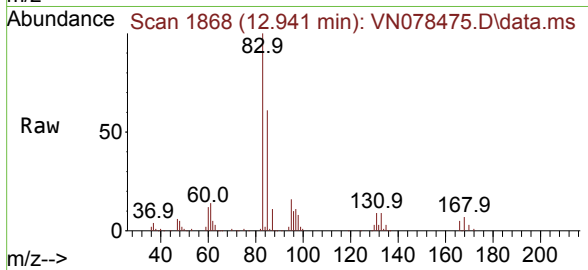




#75
1,1,2,2-Tetrachloroethane
Concen: 21.680 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

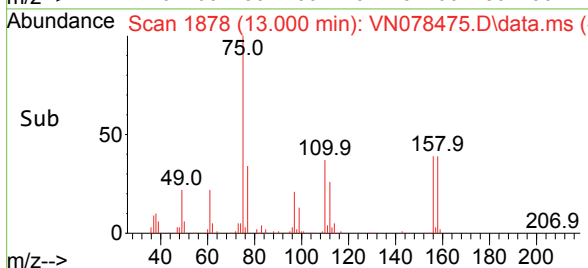
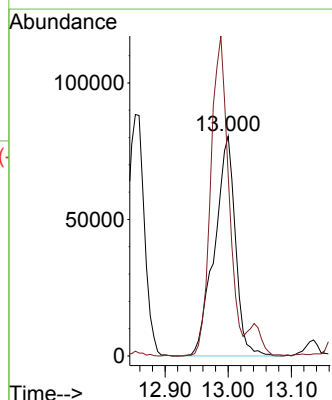
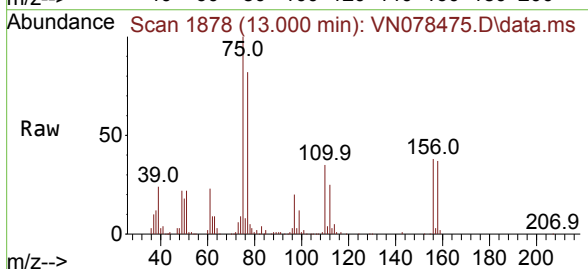
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

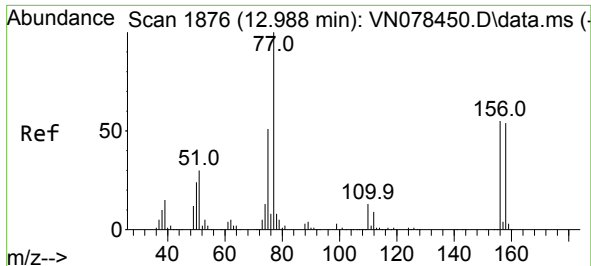
Tgt Ion: 83 Resp: 157242
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 63.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 29.958 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 75 Resp: 185138
Ion Ratio Lower Upper
75 100
77 124.5 84.5 253.5

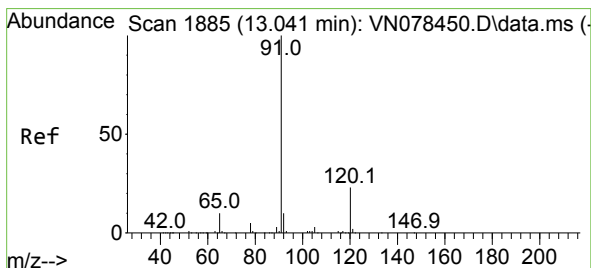
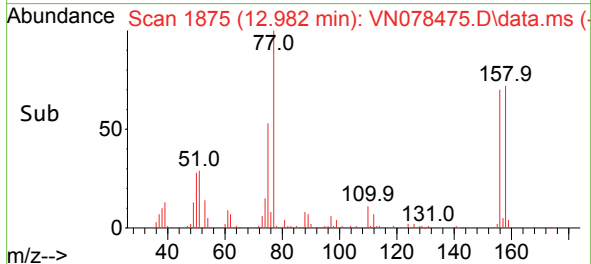
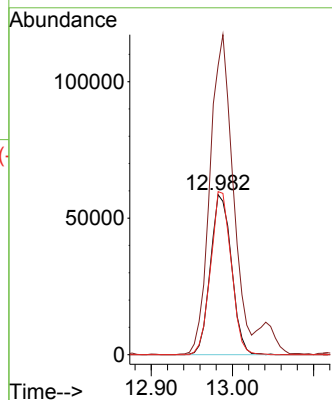
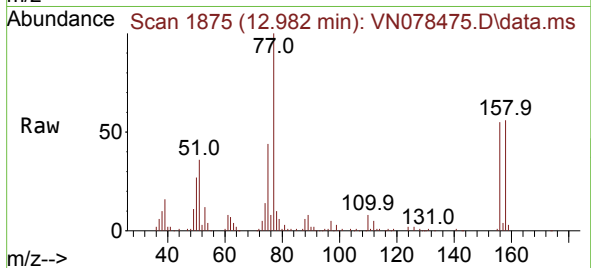




#77
Bromobenzene
Concen: 19.327 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

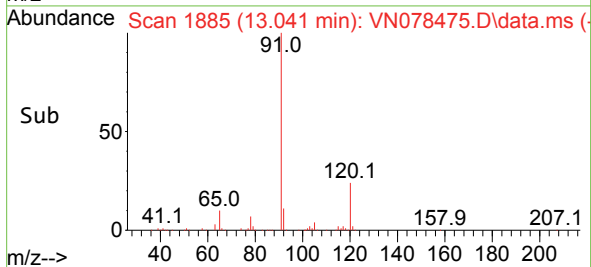
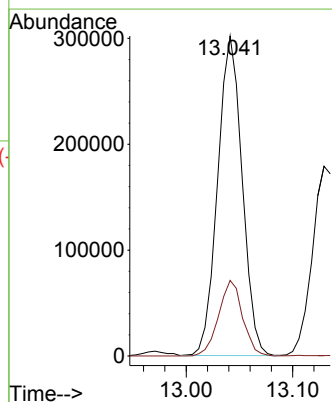
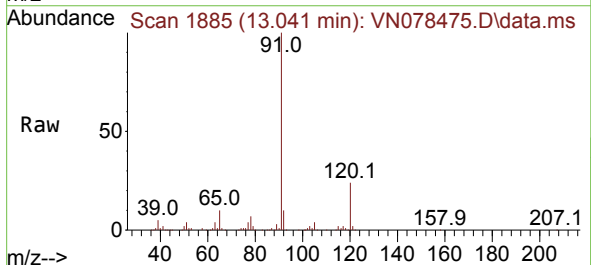
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

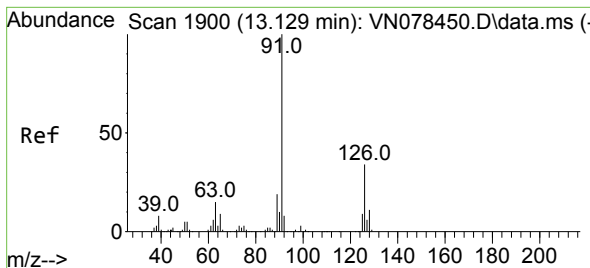
Tgt Ion:156 Resp: 105923
Ion Ratio Lower Upper
156 100
77 217.6 107.7 323.3
158 99.3 48.4 145.3



#78
n-propylbenzene
Concen: 18.750 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 91 Resp: 481743
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.626 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

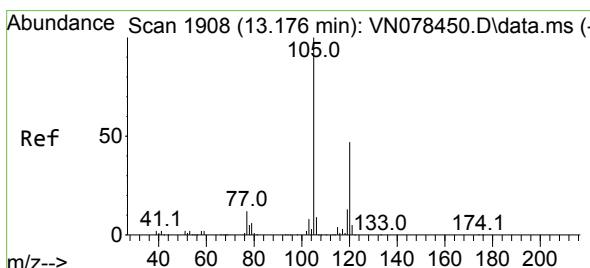
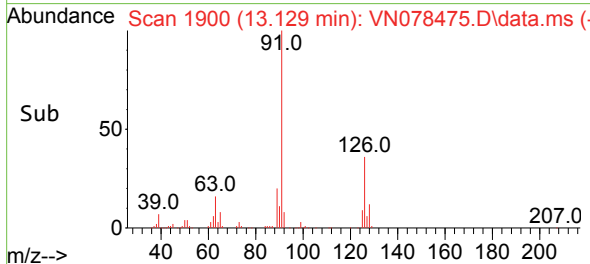
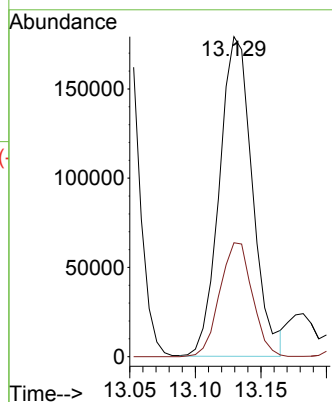
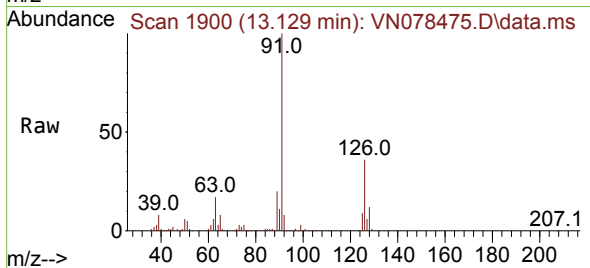
VN0712WBS01

Tgt Ion: 91 Resp: 313447

Ion Ratio Lower Upper

91 100

126 35.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.114 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VN078475.D

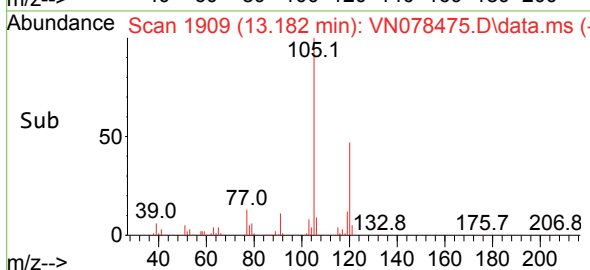
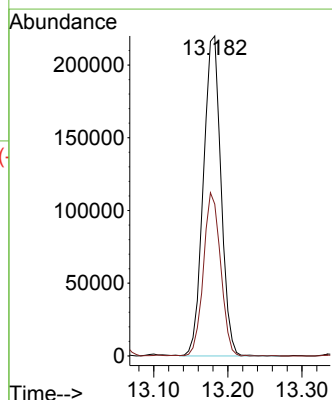
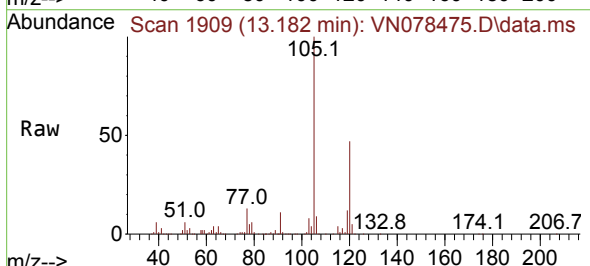
Acq: 12 Jul 2023 12:07

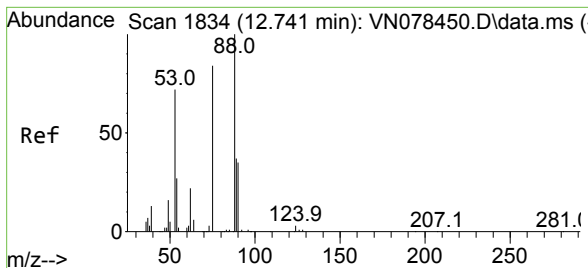
Tgt Ion: 105 Resp: 362822

Ion Ratio Lower Upper

105 100

120 49.9 24.1 72.3

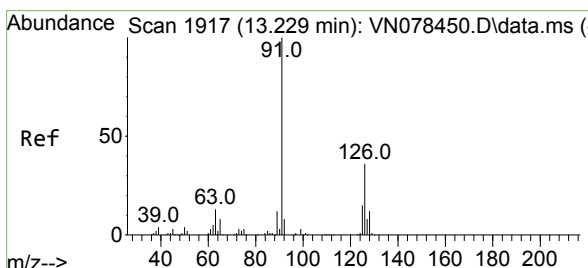
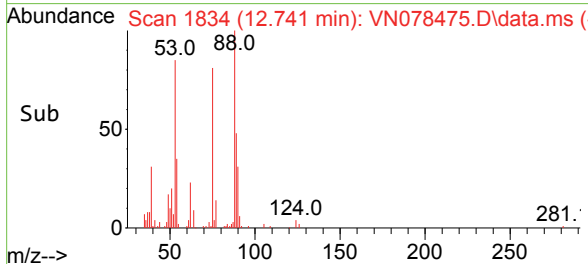
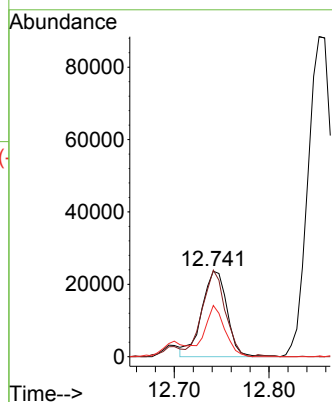
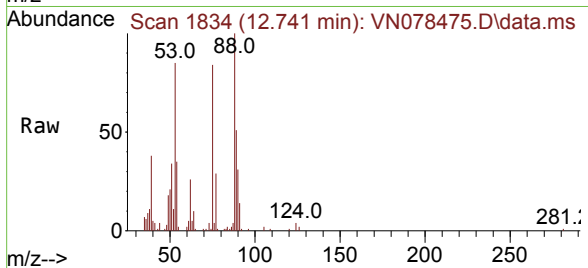




#81
trans-1,4-Dichloro-2-butene
Concen: 18.593 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

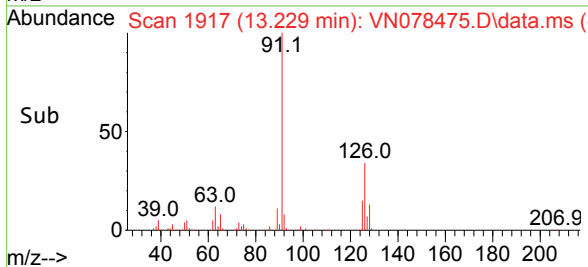
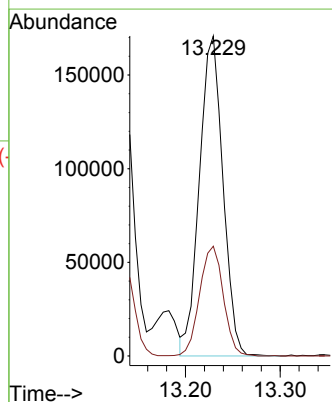
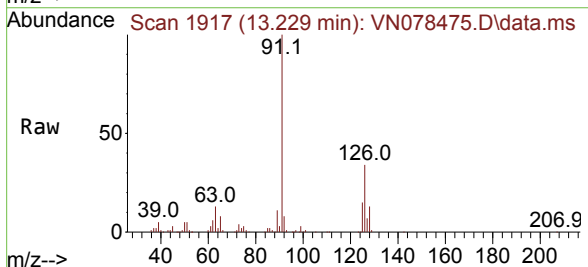
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

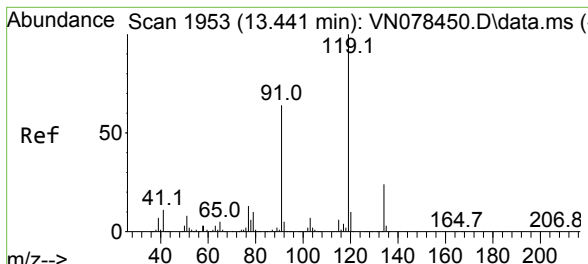
Tgt Ion: 75 Resp: 43725
Ion Ratio Lower Upper
75 100
53 91.4 67.4 101.2
89 45.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.761 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 91 Resp: 294534
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0

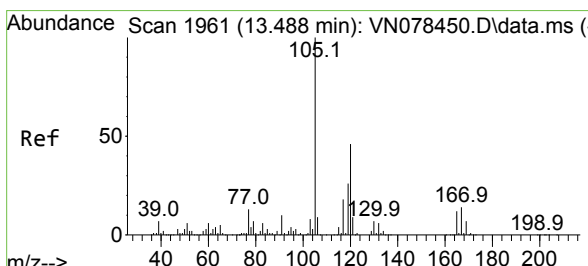
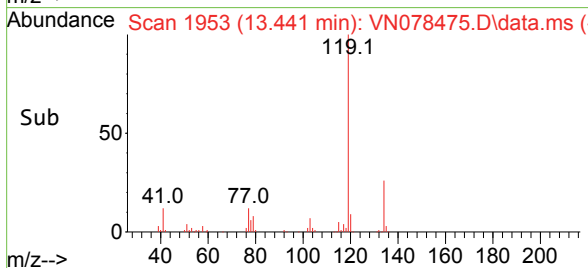
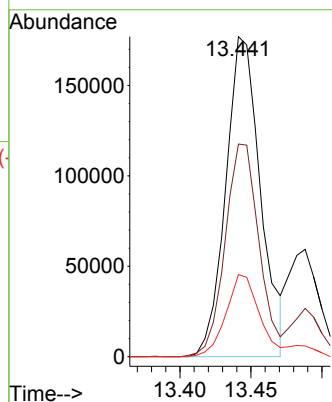
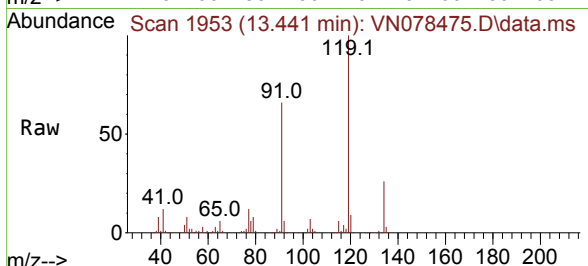




#83
 tert-Butylbenzene
 Concen: 18.695 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

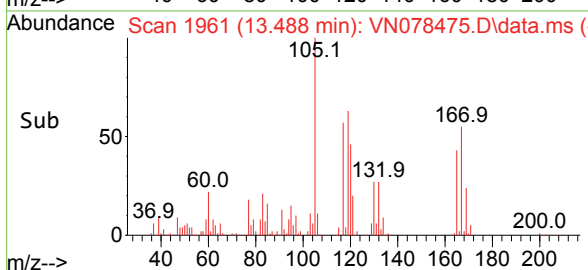
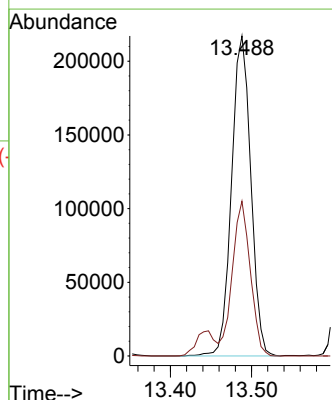
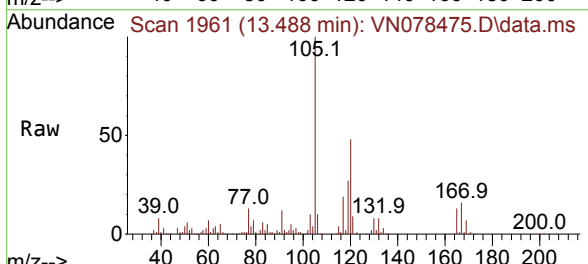
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

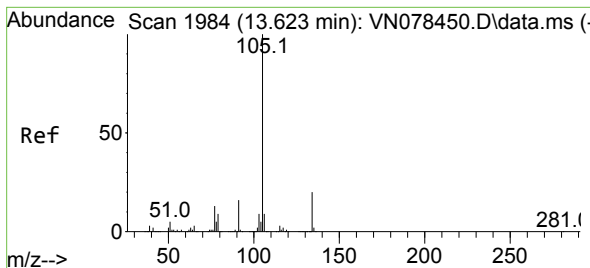
Tgt Ion:	119	Resp:	301280
Ion Ratio	Lower	Upper	
119	100		
91	64.9	33.9	101.7
134	25.1	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.391 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

Tgt Ion:	105	Resp:	357522
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.0	66.0

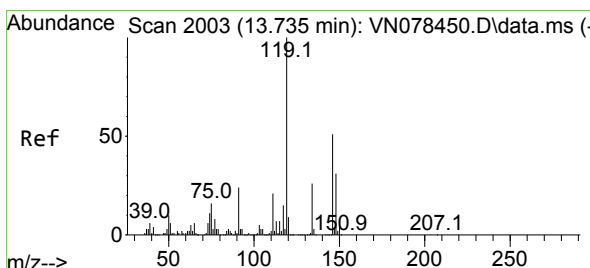
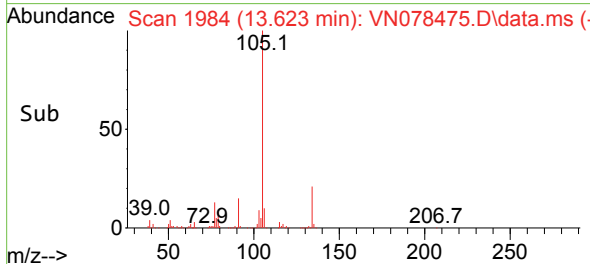
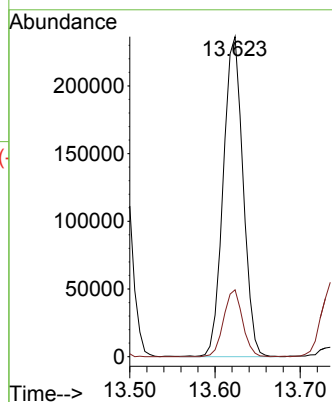
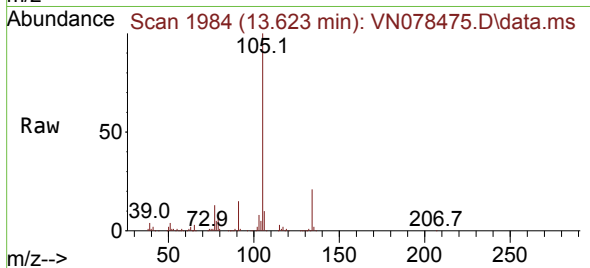




#85
 sec-Butylbenzene
 Concen: 18.764 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

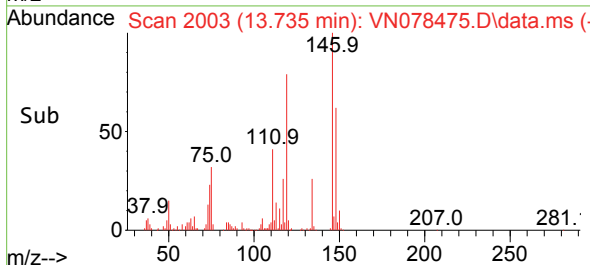
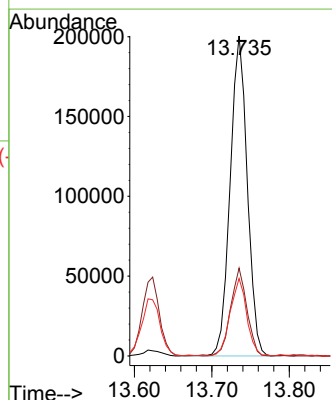
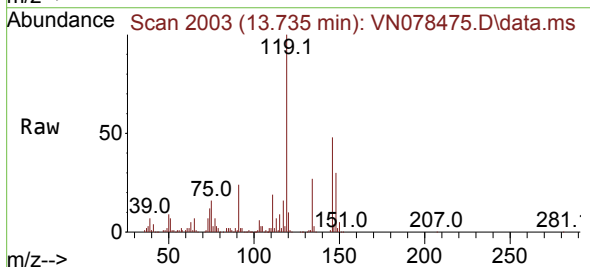
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

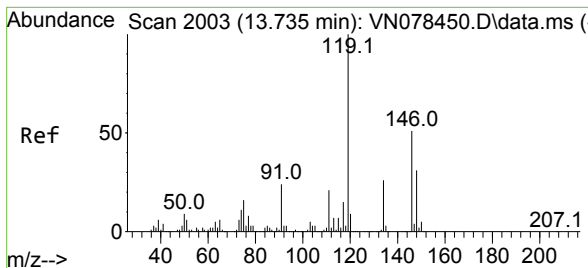
Tgt Ion:105 Resp: 382224
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.813 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

Tgt Ion:119 Resp: 307723
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.611 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

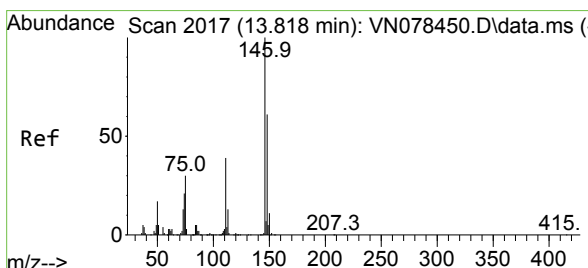
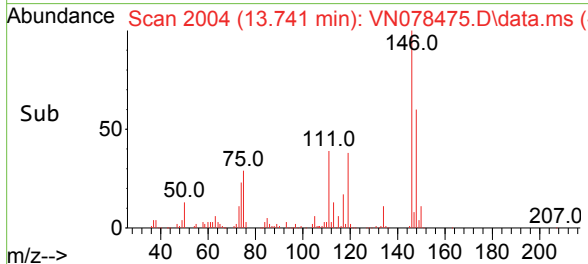
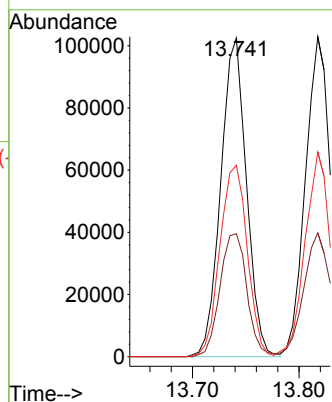
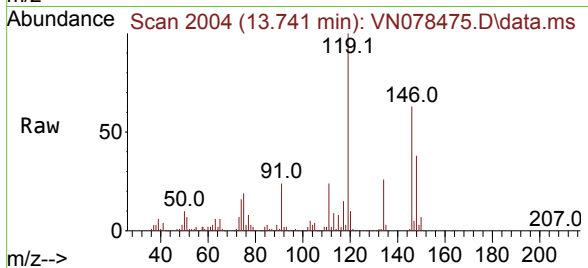
Tgt Ion:146 Resp: 171639

Ion Ratio Lower Upper

146 100

111 40.5 22.1 66.3

148 64.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.327 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078475.D

Acq: 12 Jul 2023 12:07

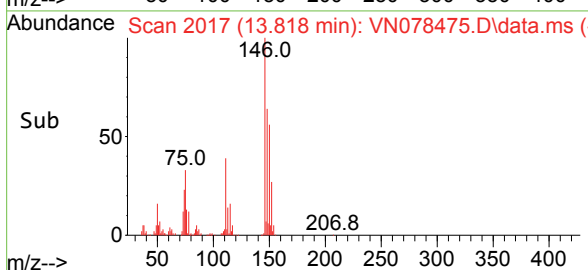
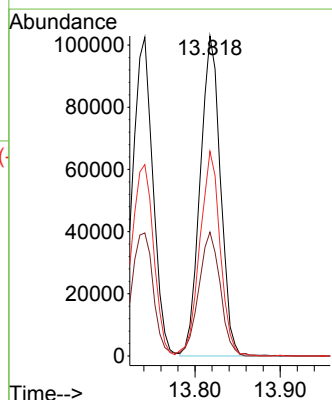
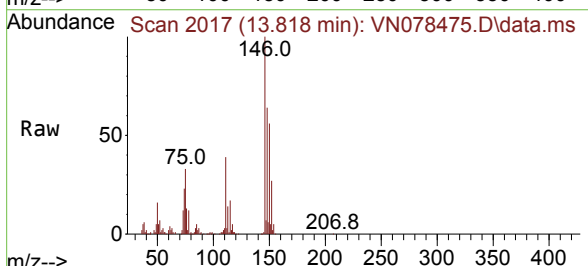
Tgt Ion:146 Resp: 170252

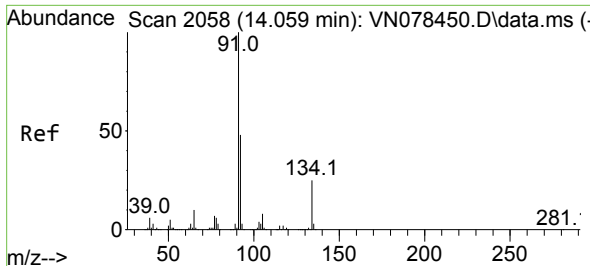
Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.8

148 64.0 31.6 94.8

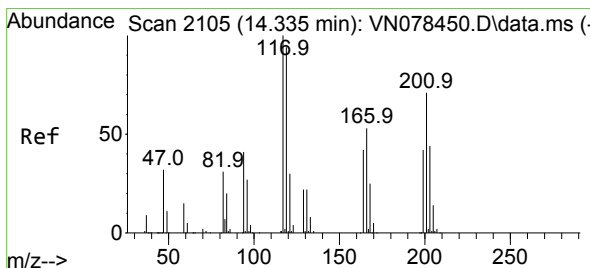
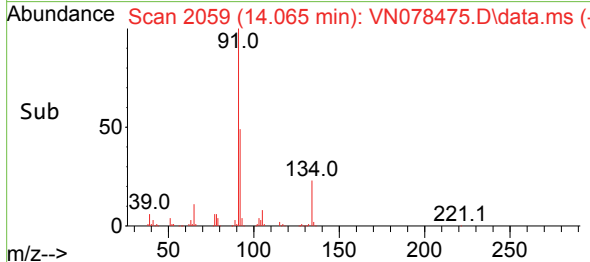
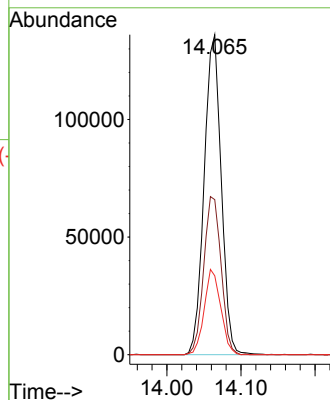
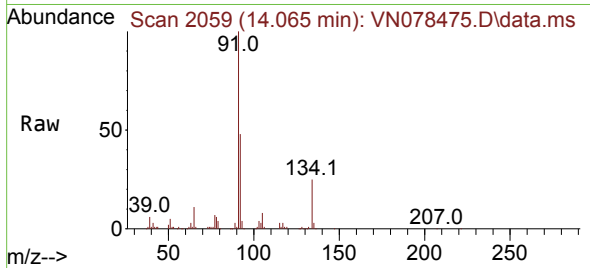




#89
n-Butylbenzene
Concen: 18.608 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

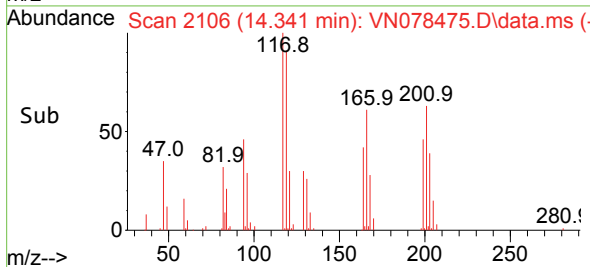
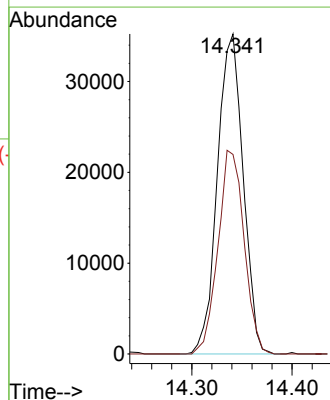
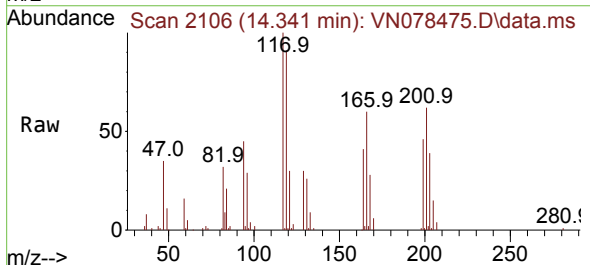
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

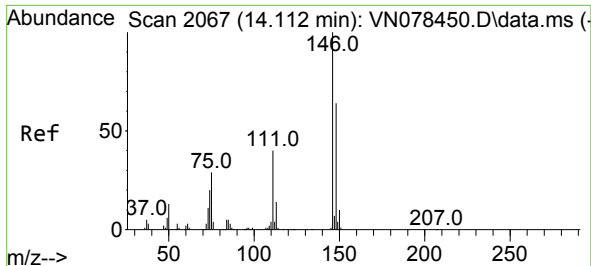
Tgt Ion: 91 Resp: 217772
Ion Ratio Lower Upper
91 100
92 50.1 26.4 79.0
134 25.8 12.6 37.6



#90
Hexachloroethane
Concen: 20.424 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion: 117 Resp: 62852
Ion Ratio Lower Upper
117 100
201 64.4 29.3 88.0

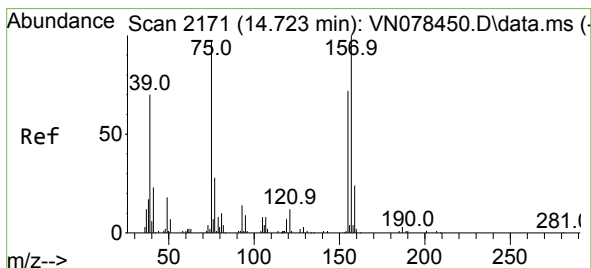
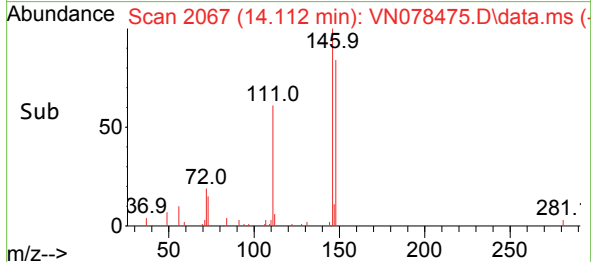
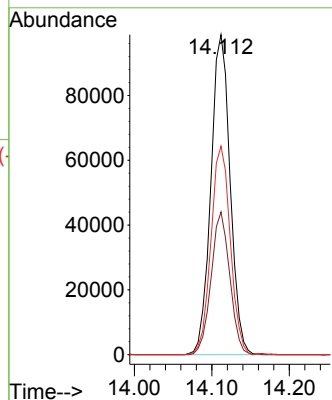
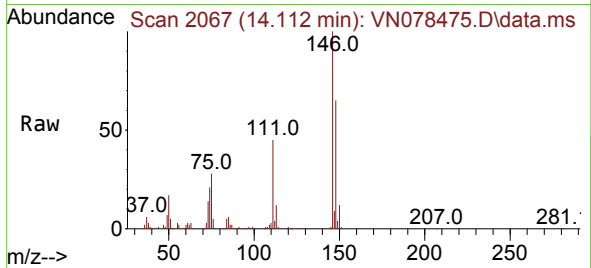




#91
 1,2-Dichlorobenzene
 Concen: 18.574 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

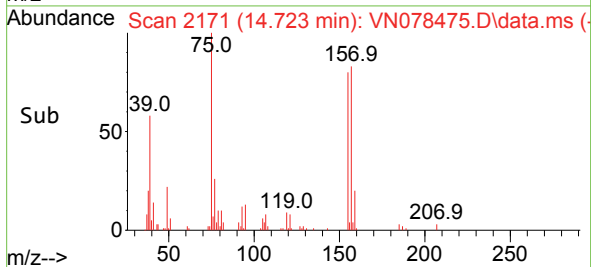
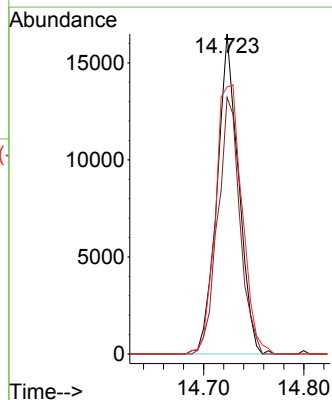
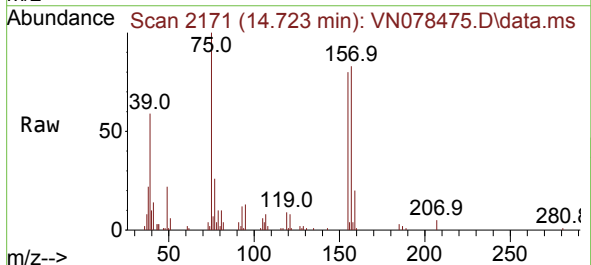
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

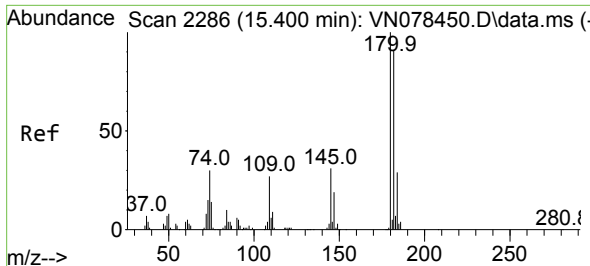
Tgt Ion:146 Resp: 170472
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.0 66.0
 148 65.4 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.248 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

Tgt Ion: 75 Resp: 24601
 Ion Ratio Lower Upper
 75 100
 155 82.2 39.1 117.2
 157 103.5 50.3 150.9

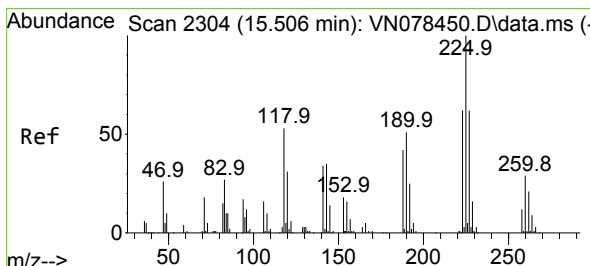
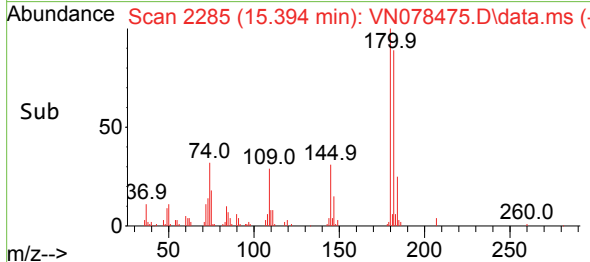
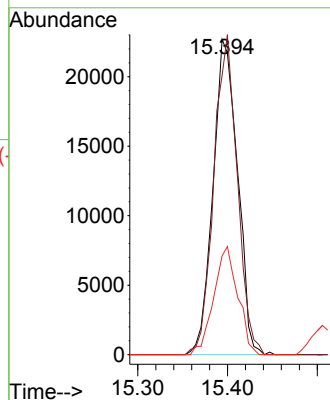
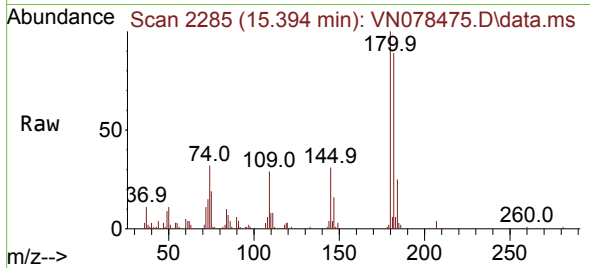




#93
1,2,4-Trichlorobenzene
Concen: 14.693 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

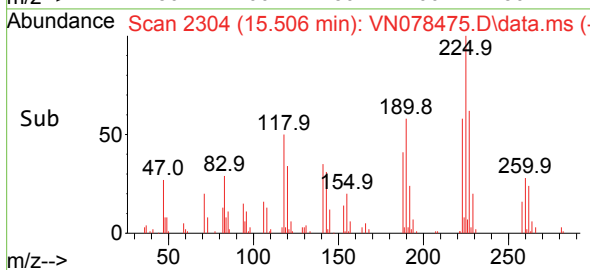
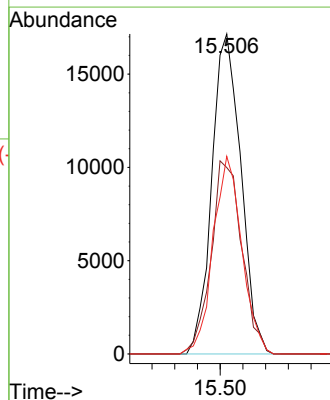
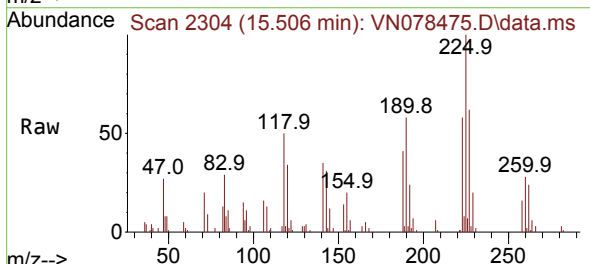
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

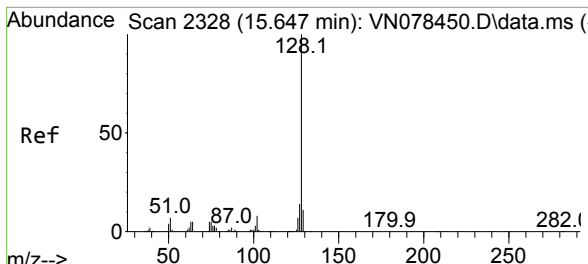
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.1	138.2
145	33.7	16.6	49.8



#94
Hexachlorobutadiene
Concen: 17.417 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078475.D
Acq: 12 Jul 2023 12:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.3	93.8
227	61.0	31.9	95.9

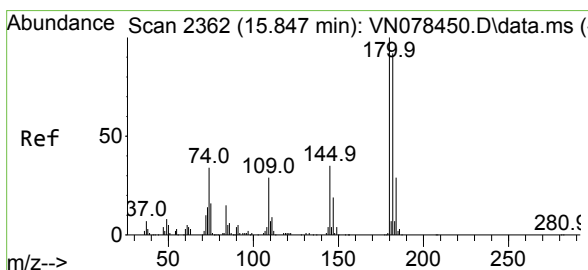
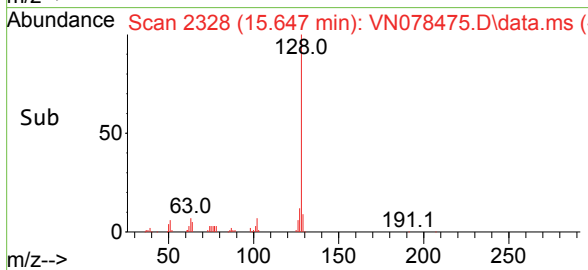
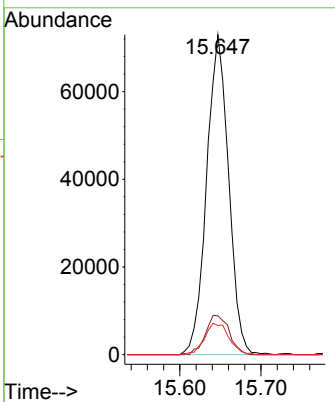
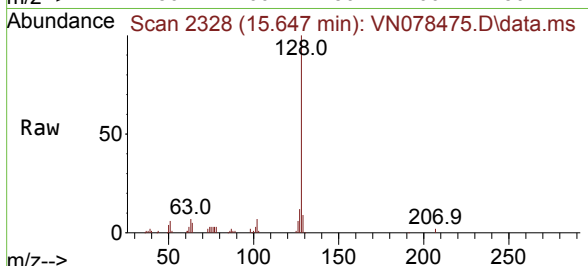




#95
 Naphthalene
 Concen: 13.707 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

Tgt Ion:	128	Resp:	137260
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	10.9	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 16.470 ug/l
 RT: 15.847 min Scan# 2362
 Delta R.T. -0.000 min
 Lab File: VN078475.D
 Acq: 12 Jul 2023 12:07

Tgt Ion:	180	Resp:	55474
Ion	Ratio	Lower	Upper
180	100		
182	88.9	46.2	138.6
145	33.6	17.5	52.6

