

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079208.D
 Acq On : 11 Sep 2023 09:58
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 02:42:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	21168	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	115316	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	107139	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	51391	32.314	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.700%	
60) 4-Bromofluorobenzene	12.853	95	50113	31.744	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 105.800%	
63) Toluene-d8	10.570	98	161026	32.160	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 107.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	23588	19.980	ug/l	97
3) Chloromethane	2.365	50	30040	25.376	ug/l	90
4) Vinyl Chloride	2.512	62	35720	30.498	ug/l	95
5) Bromomethane	2.953	94	14002	19.479	ug/l	93
6) Chloroethane	3.118	64	26152	36.459	ug/l #	86
7) Trichlorofluoromethane	3.494	101	53898	38.654	ug/l	93
8) Diethyl Ether	3.965	74	16709	32.682	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	27337	35.576	ug/l	99
10) 1,1-Dichloroethene	4.341	96	25540	34.303	ug/l	98
11) Methyl Iodide	4.583	142	8083	8.619	ug/l	89
12) Methyl Acetate	5.030	43	47867	27.587	ug/l #	89
13) Acrolein	4.183	56	22100	139.848	ug/l	99
14) Acrylonitrile	5.724	53	64277	126.269	ug/l	99
15) Acetone	4.430	58	25353	190.921	ug/l	96
16) Carbon Disulfide	4.712	76	69952	31.796	ug/l	97
17) Allyl chloride	5.024	41	34559	28.886	ug/l	91
18) Methylene Chloride	5.277	84	29986	30.027	ug/l	96
19) trans-1,2-Dichloroethene	5.788	96	26809	28.779	ug/l	99
20) Diisopropyl ether	6.683	45	82739	23.166	ug/l	93
21) 1,1-Dichloroethane	6.577	63	50237	24.010	ug/l	100
22) cis-1,2-Dichloroethene	7.488	96	31989	21.958	ug/l	99
23) tert-Butyl Alcohol	5.524	59	22885	116.863	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	79264	26.975	ug/l #	82
25) Chloroform	7.971	83	56179	22.266	ug/l	97
26) Cyclohexane	8.259	56	35430	18.673	ug/l #	94
29) 1,1-Dichloropropene	8.377	75	39235	21.221	ug/l	98
30) 2-Butanone	7.488	43	90231	97.028	ug/l	100
31) 2,2-Dichloropropane	7.500	77	45961	24.922	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	49801	22.863	ug/l	97
33) Carbon Tetrachloride	8.365	117	44255	23.652	ug/l	92
34) Benzene	8.612	78	124953	21.271	ug/l	98
35) Methacrylonitrile	7.782	41	19831	19.805	ug/l	92
36) 1,2-Dichloroethane	8.677	62	42635	22.007	ug/l	98
37) Trichloroethene	9.359	130	31478	22.671	ug/l	98
38) Methylcyclohexane	9.606	83	38938	21.066	ug/l	98
39) 1,2-Dichloropropane	9.629	63	32937	21.737	ug/l	97
40) Dibromomethane	9.718	93	22980	22.997	ug/l	95
41) Bromodichloromethane	9.894	83	47329	23.760	ug/l	99
42) Vinyl Acetate	6.606	43	239387	108.393	ug/l	100

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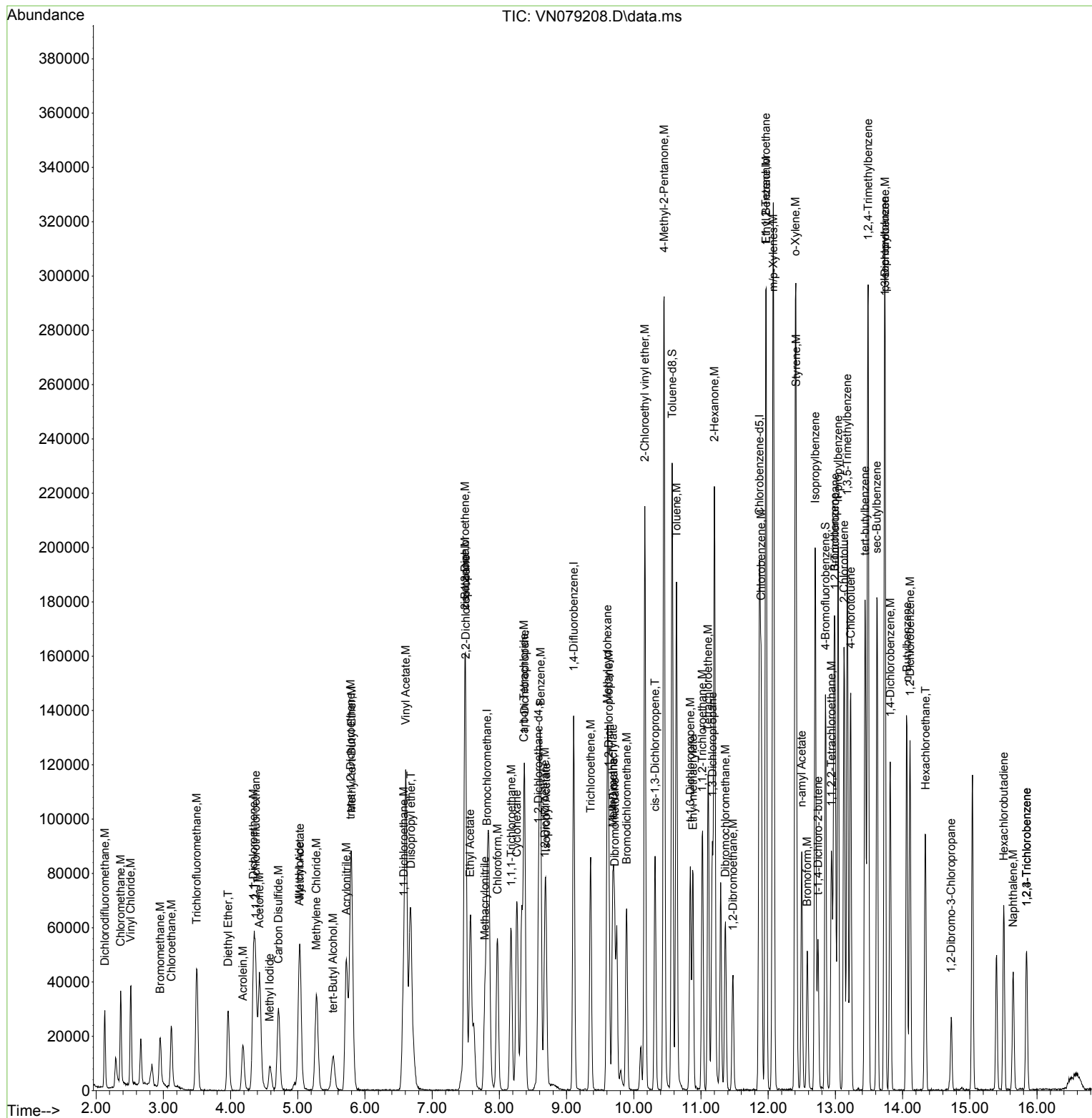
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	35916	20.336	ug/l	97
44) Isopropyl Acetate	8.694	43	58679	18.469	ug/l	100
45) 1,4-Dioxane	9.700	88	12067	381.568	ug/l	92
46) Methyl methacrylate	9.688	41	29767	20.971	ug/l	96
47) n-amyl Acetate	12.500	43	44311	19.831	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	46696	21.668	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	51316	22.829	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	32030	22.848	ug/l	96
51) Ethyl methacrylate	10.882	69	43777	20.221	ug/l	92
52) 1,3-Dichloropropane	11.170	76	53454	22.335	ug/l	99
53) Dibromochloromethane	11.365	129	34661	23.574	ug/l	99
54) 1,2-Dibromoethane	11.476	107	30137	21.171	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	94920	123.391	ug/l	98
56) Bromoform	12.582	173	24112	23.535	ug/l	98
58) 4-Methyl-2-Pentanone	10.453	43	197947	100.682	ug/l	97
59) 2-Hexanone	11.200	43	141465	102.455	ug/l	99
61) Tetrachloroethene	11.106	164	27203	23.334	ug/l	97
62) Toluene	10.635	91	141941	22.754	ug/l	100
64) Chlorobenzene	11.894	112	78846	21.666	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	32348	23.218	ug/l	96
66) Ethyl Benzene	11.970	91	138819	22.101	ug/l	98
67) m/p-Xylenes	12.076	106	107307	45.404	ug/l	100
68) o-Xylene	12.406	106	51457	22.576	ug/l	99
69) Styrene	12.417	104	86265	23.729	ug/l	100
70) Isopropylbenzene	12.700	105	131551	22.707	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	46312	21.369	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	53759	29.481	ug/l	100
73) Bromobenzene	12.988	156	33206	22.945	ug/l	91
74) n-propylbenzene	13.041	91	156968	23.779	ug/l	100
75) 2-Chlorotoluene	13.129	91	95686	22.607	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	112943	23.577	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	13049	20.325	ug/l	98
78) 4-Chlorotoluene	13.229	91	91805	22.970	ug/l	100
79) tert-butylbenzene	13.441	119	89162	22.676	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	110833	24.227	ug/l	99
81) sec-Butylbenzene	13.617	105	127497	23.699	ug/l	98
82) p-Isopropyltoluene	13.735	119	105548	24.838	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	55336	24.077	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	52875	24.530	ug/l	98
85) n-Butylbenzene	14.064	91	77403	23.915	ug/l	99
86) Hexachloroethane	14.341	117	19588	23.281	ug/l	96
87) 1,2-Dichlorobenzene	14.111	146	54723	24.127	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	7455	20.351	ug/l	96
89) 1,2,4-Trichlorobenzene	15.847	180	20139	20.750	ug/l	96
90) Hexachlorobutadiene	15.505	225	13425	22.772	ug/l	96
91) Naphthalene	15.647	128	41866	16.507	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	20139	20.750	ug/l	96

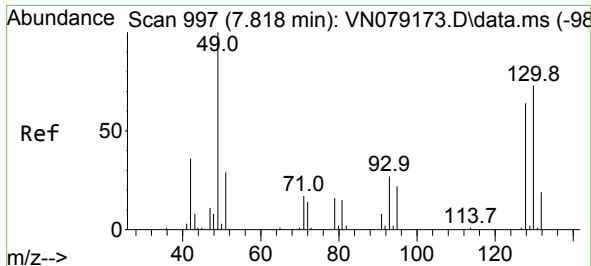
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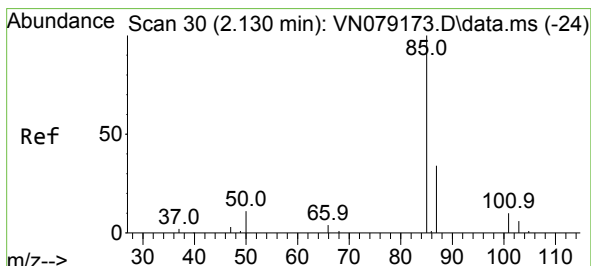
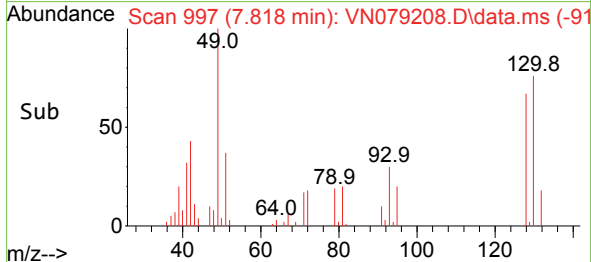
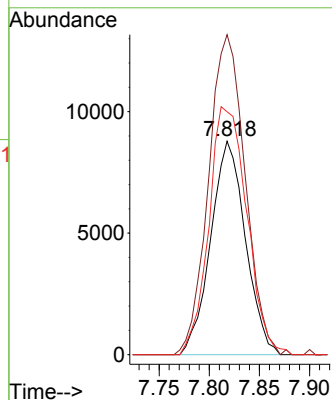
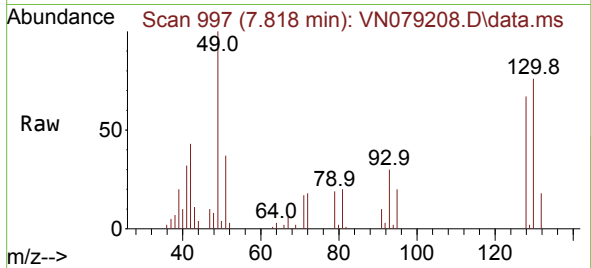




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
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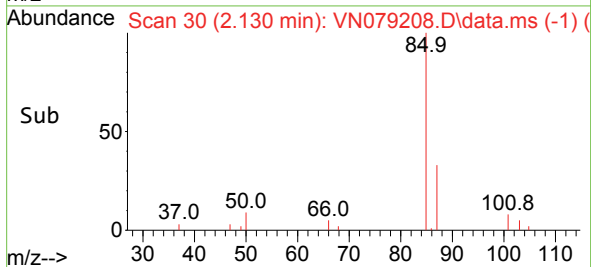
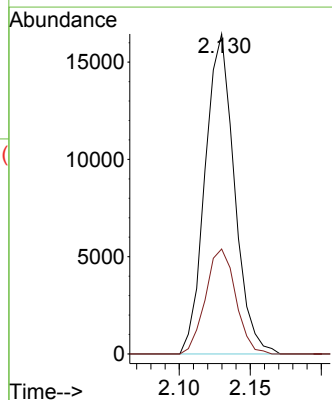
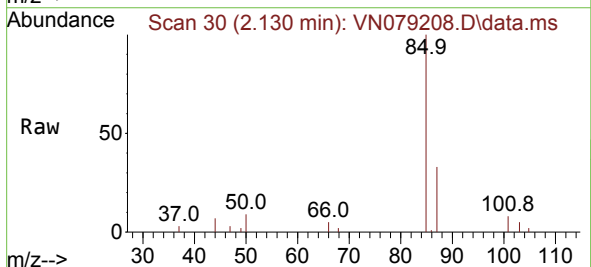
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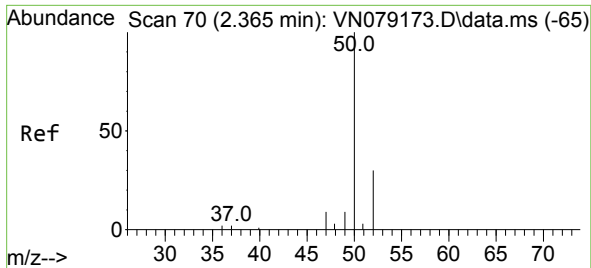
Tgt Ion:128 Resp: 21168
Ion Ratio Lower Upper
128 100
49 157.9 0.0 414.3
130 127.0 0.0 311.0



#2
Dichlorodifluoromethane
Concen: 19.980 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 85 Resp: 23588
Ion Ratio Lower Upper
85 100
87 32.8 17.3 51.7

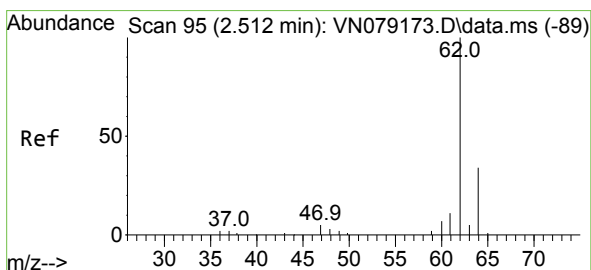
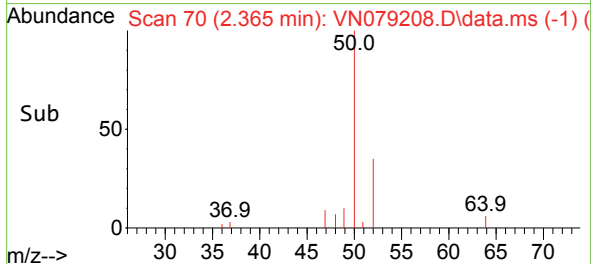
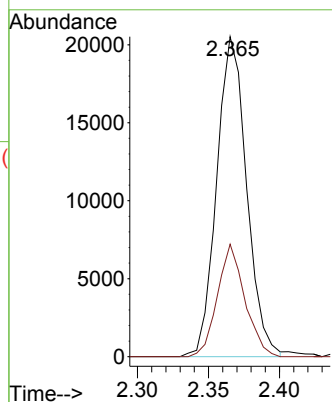
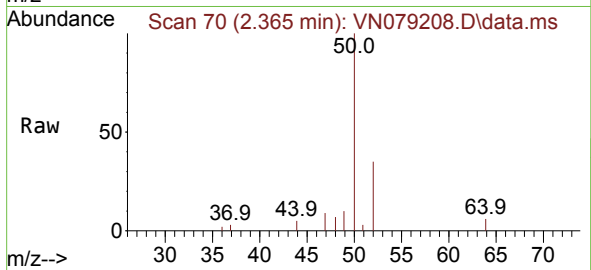




#3
Chloromethane
Concen: 25.376 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

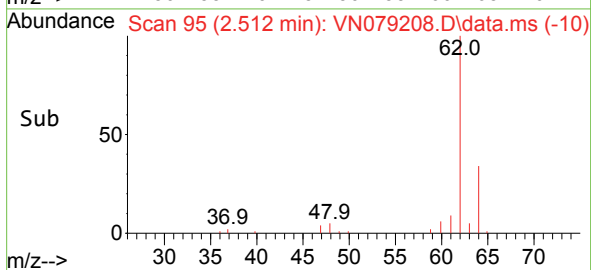
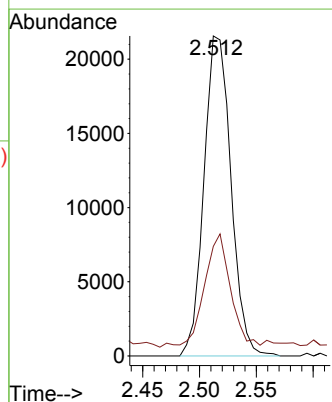
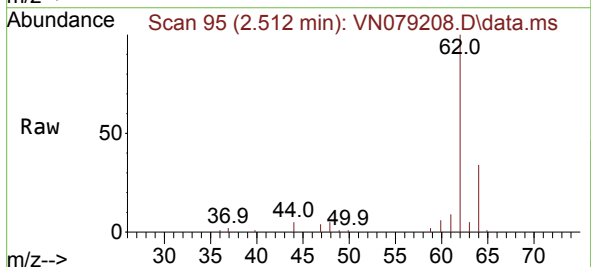
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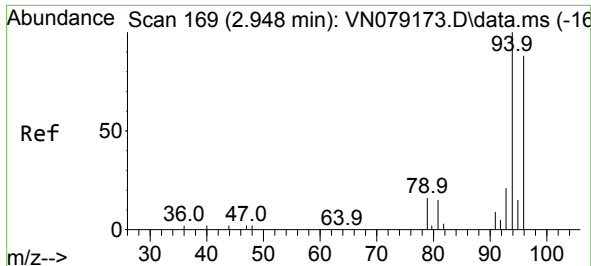
Tgt Ion: 50 Resp: 30040
Ion Ratio Lower Upper
50 100
52 35.2 24.0 36.0



#4
Vinyl Chloride
Concen: 30.498 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 62 Resp: 35720
Ion Ratio Lower Upper
62 100
64 30.8 27.1 40.7

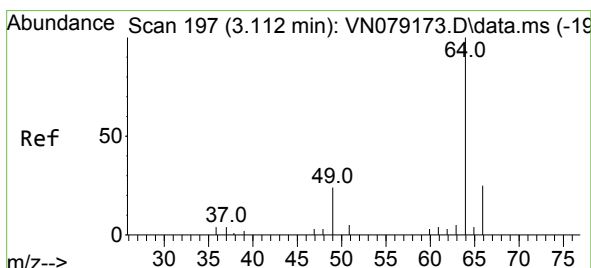
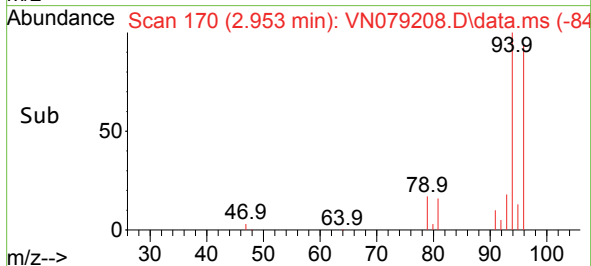
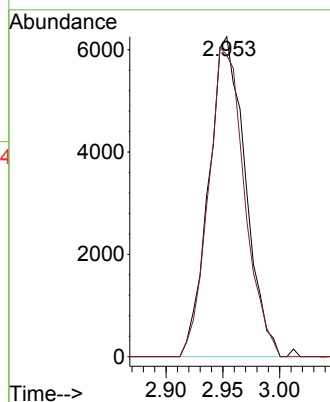
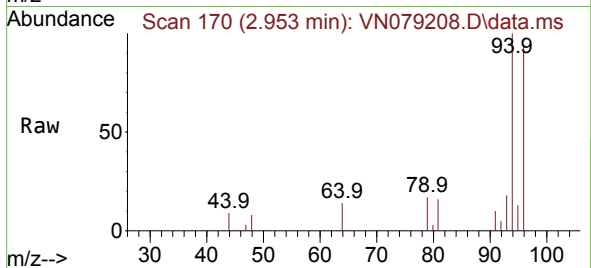




#5
Bromomethane
Concen: 19.479 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

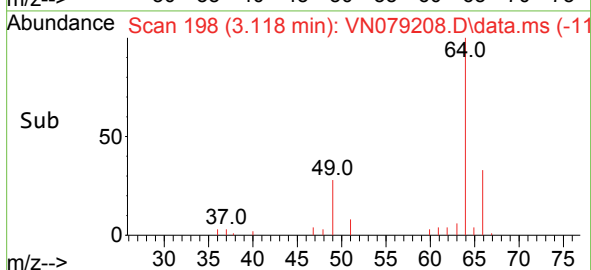
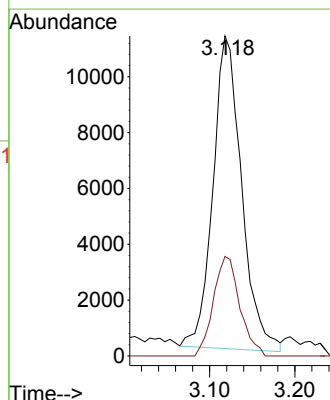
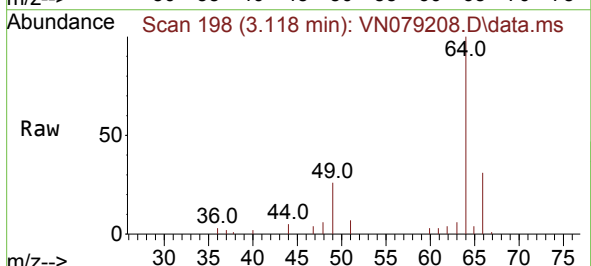
Instrument :
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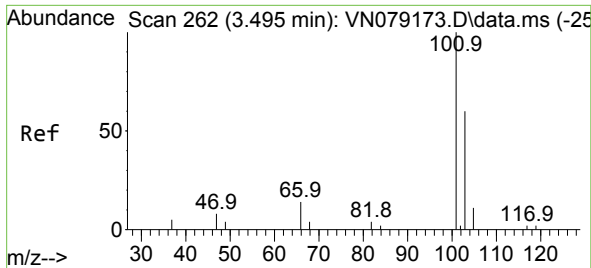
Tgt Ion: 94 Resp: 14002
Ion Ratio Lower Upper
94 100
96 94.3 70.6 105.8



#6
Chloroethane
Concen: 36.459 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 64 Resp: 26152
Ion Ratio Lower Upper
64 100
66 32.1 20.1 30.1

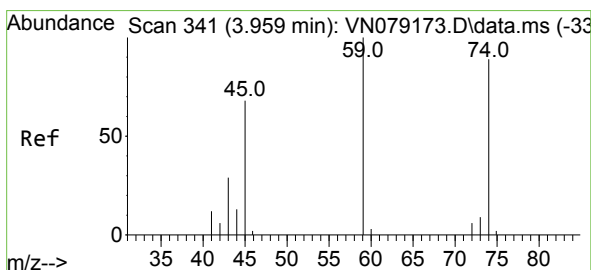
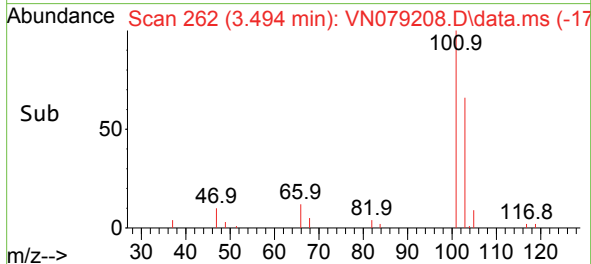
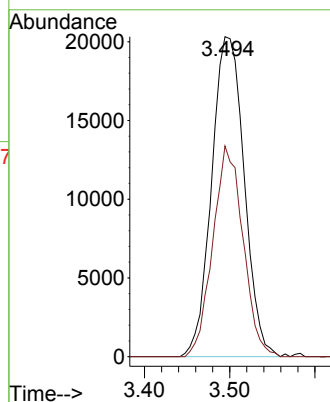
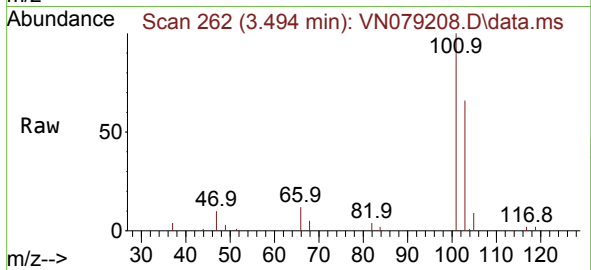




#7
 Trichlorofluoromethane
 Concen: 38.654 ug/l
 RT: 3.494 min Scan# 20
 Delta R.T. -0.001 min
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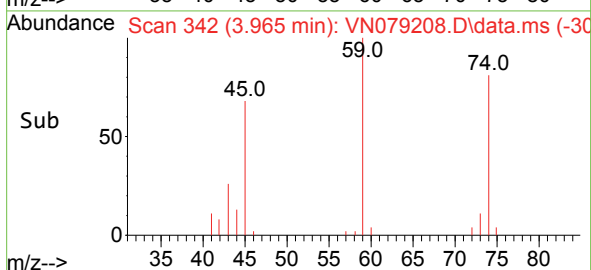
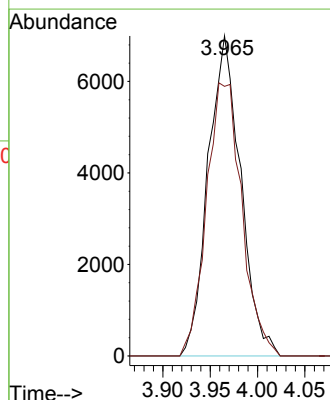
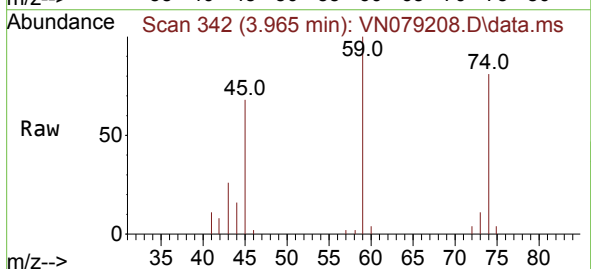
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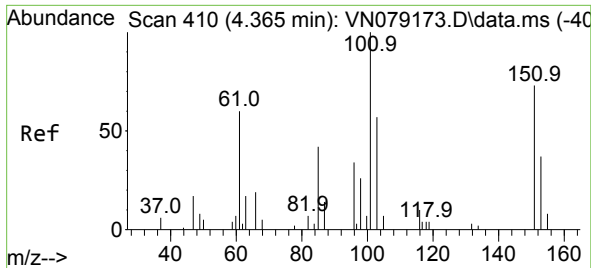
Tgt Ion:101 Resp: 53898
 Ion Ratio Lower Upper
 101 100
 103 65.9 48.2 72.4



#8
 Diethyl Ether
 Concen: 32.682 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN079208.D
 Acq: 11 Sep 2023 09:58

Tgt Ion: 74 Resp: 16709
 Ion Ratio Lower Upper
 74 100
 45 92.6 17.6 158.0

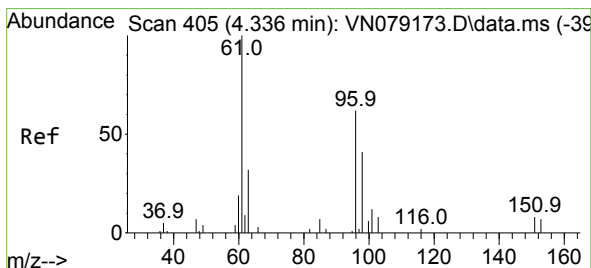
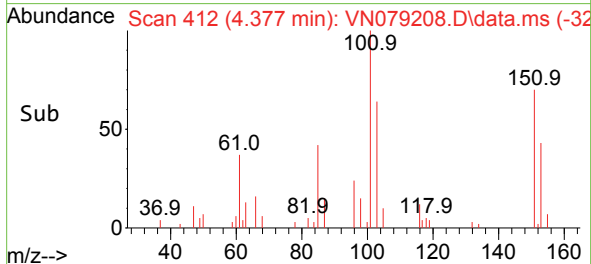
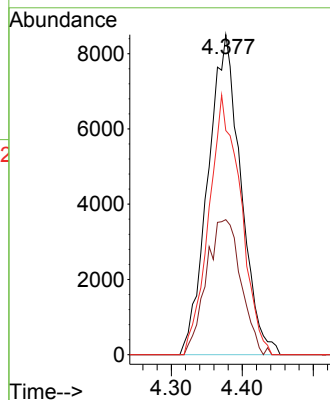
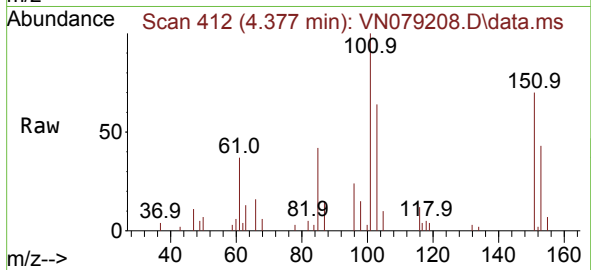




#9
1,1,2-Trichlorotrifluoroethane
Concen: 35.576 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
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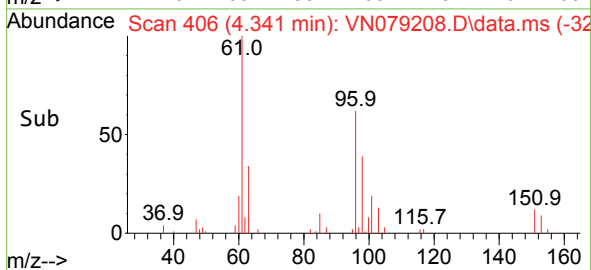
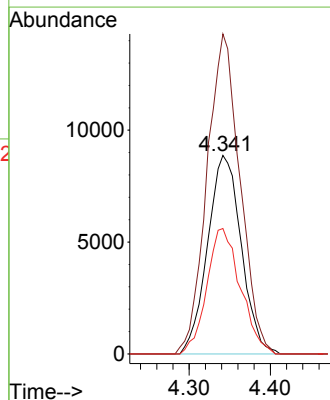
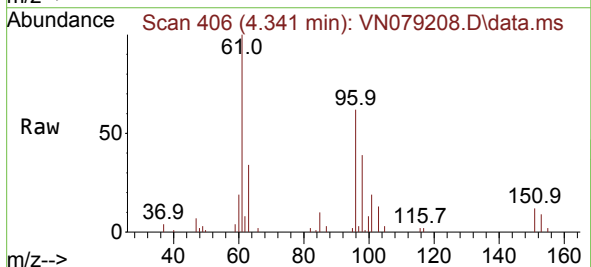
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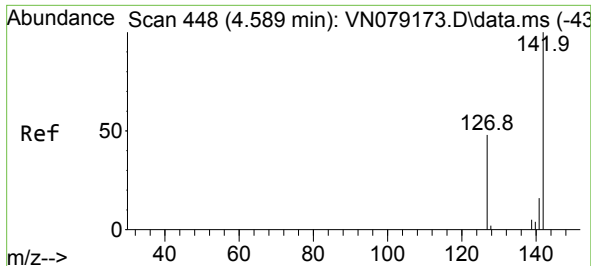
Tgt Ion:101 Resp: 27337
Ion Ratio Lower Upper
101 100
85 44.3 0.0 85.6
151 78.5 0.0 155.8



#10
1,1-Dichloroethene
Concen: 34.303 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

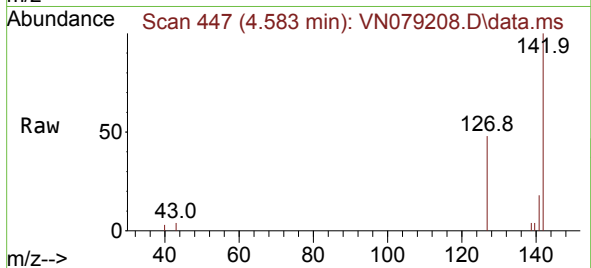
Tgt Ion: 96 Resp: 25540
Ion Ratio Lower Upper
96 100
61 161.2 130.2 195.2
98 63.2 52.3 78.5



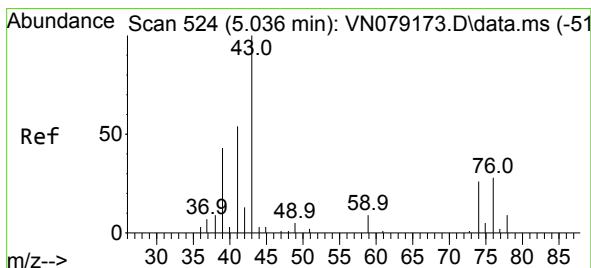
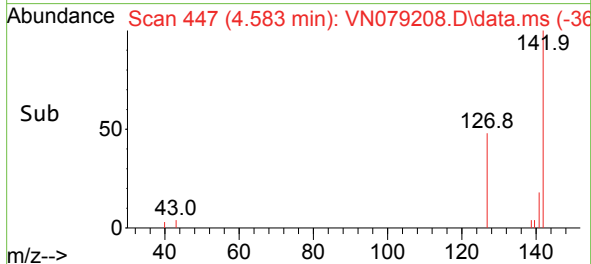
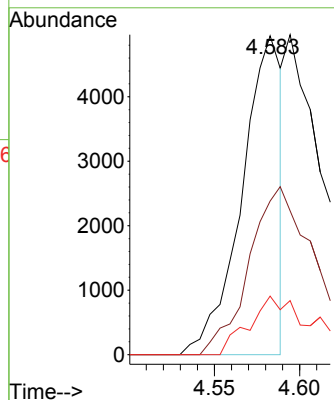


#11
Methyl Iodide
Concen: 8.619 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :

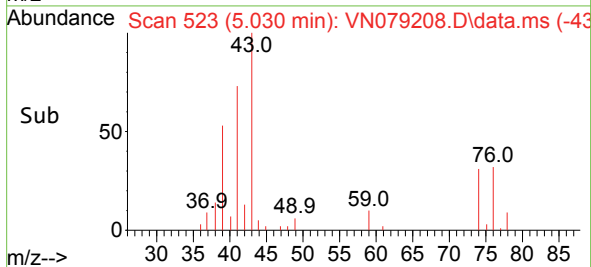
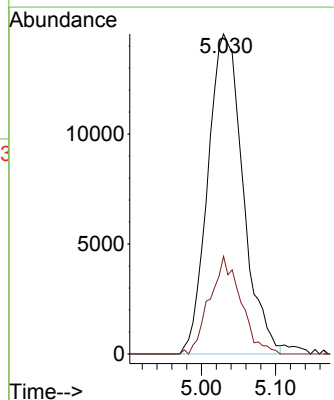
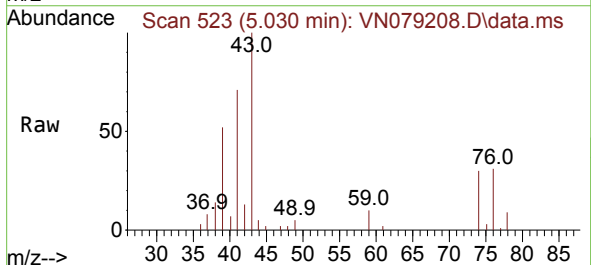


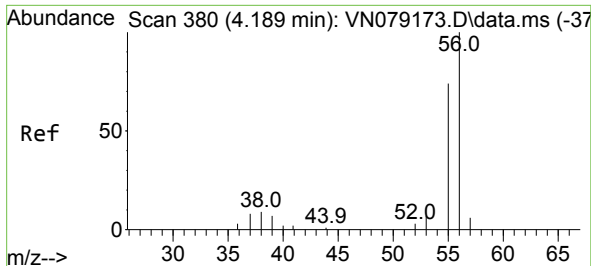
Tgt Ion:142 Resp: 8083
Ion Ratio Lower Upper
142 100
127 39.7 23.8 71.4
141 20.5 8.2 24.6



#12
Methyl Acetate
Concen: 27.587 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 43 Resp: 47867
Ion Ratio Lower Upper
43 100
74 30.9 20.4 30.6#





#13

Acrolein

Concen: 139.848 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

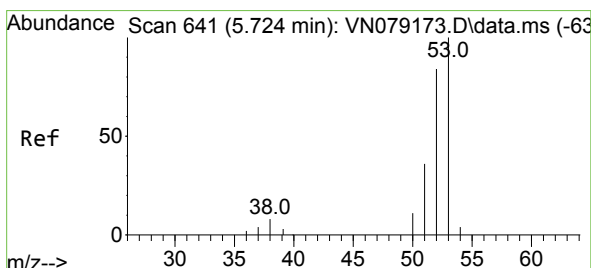
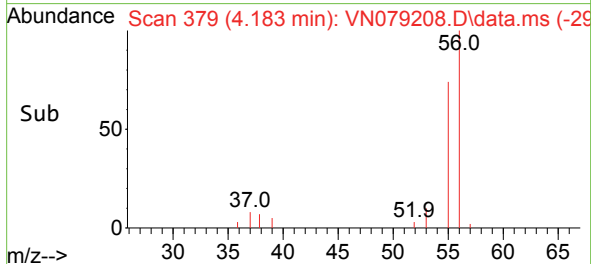
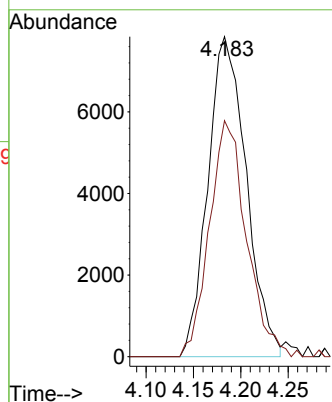
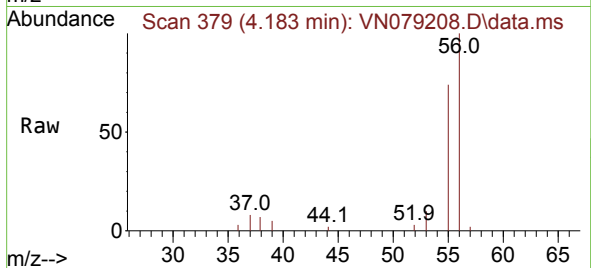
ClientSampleId :

Tgt Ion: 56 Resp: 22100

Ion Ratio Lower Upper

56 100

55 71.1 57.7 86.5



#14

Acrylonitrile

Concen: 126.269 ug/l

RT: 5.724 min Scan# 641

Delta R.T. -0.000 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

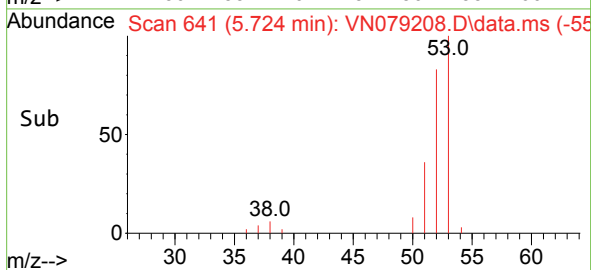
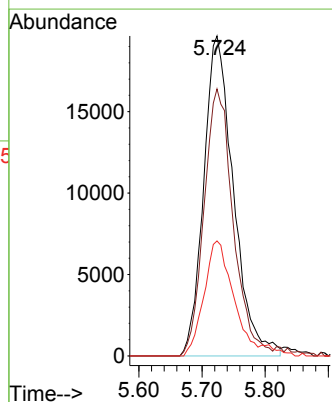
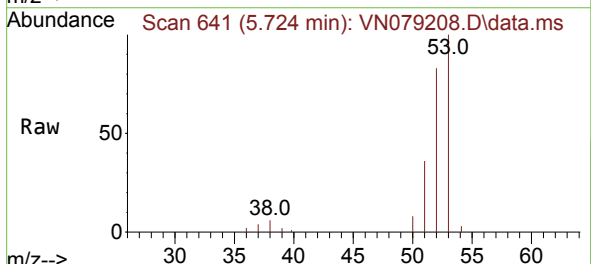
Tgt Ion: 53 Resp: 64277

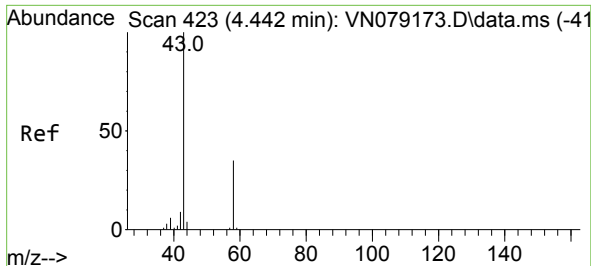
Ion Ratio Lower Upper

53 100

52 81.7 41.4 124.4

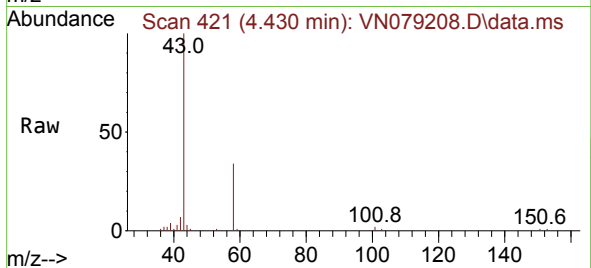
51 35.2 17.3 51.9



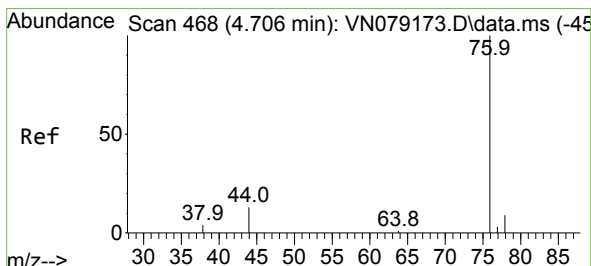
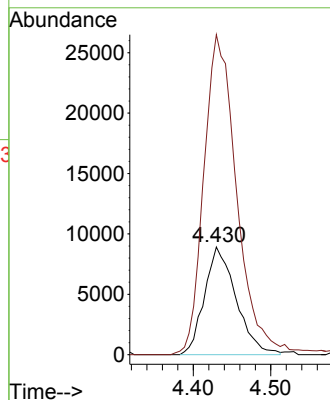
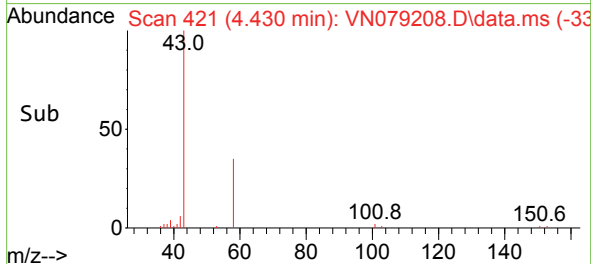


#15
Acetone
Concen: 190.921 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :

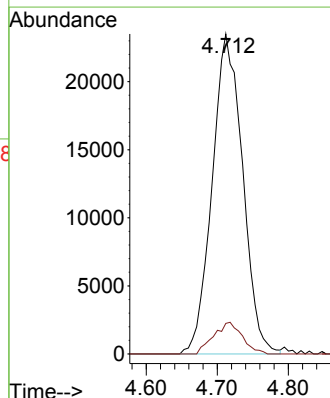
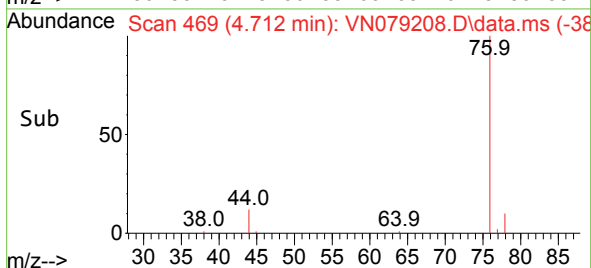
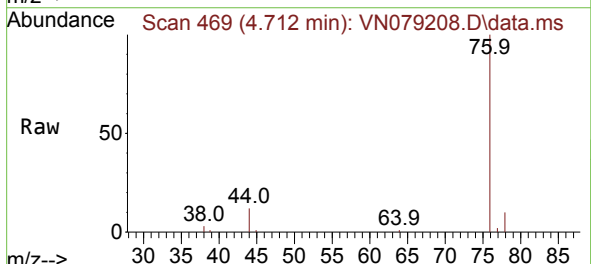


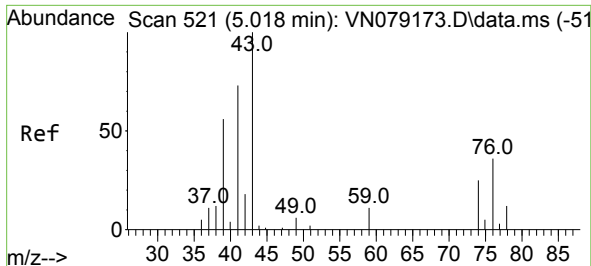
Tgt Ion: 58 Resp: 25353
Ion Ratio Lower Upper
58 100
43 293.8 228.3 342.5



#16
Carbon Disulfide
Concen: 31.796 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

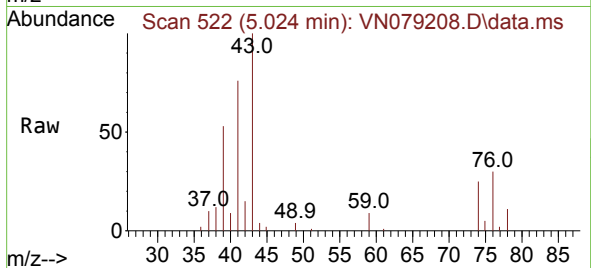
Tgt Ion: 76 Resp: 69952
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3



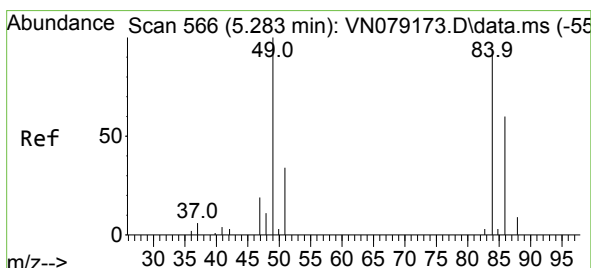
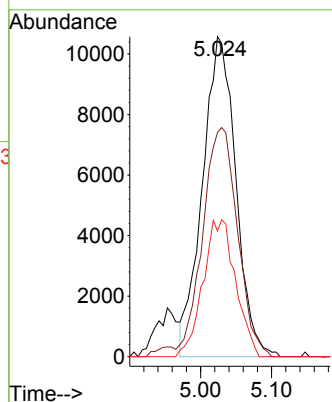
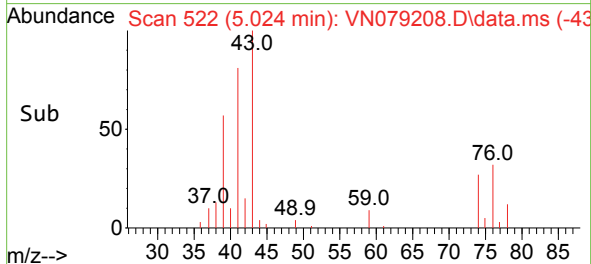


#17
 Allyl chloride
 Concen: 28.886 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079208.D
 Acq: 11 Sep 2023 09:58

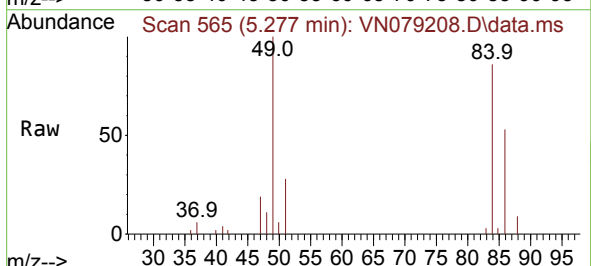
Instrument :
 MSVOA_N
 ClientSampleId :



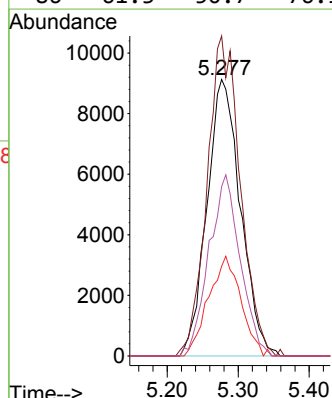
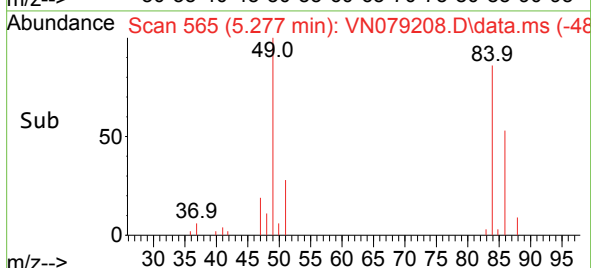
Tgt Ion: 41 Resp: 34559
 Ion Ratio Lower Upper
 41 100
 39 70.0 38.3 114.8
 76 39.2 23.7 71.1

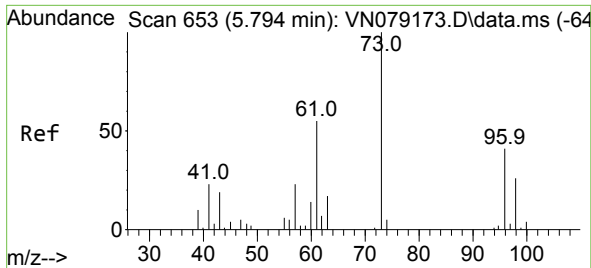


#18
 Methylene Chloride
 Concen: 30.027 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079208.D
 Acq: 11 Sep 2023 09:58



Tgt Ion: 84 Resp: 29986
 Ion Ratio Lower Upper
 84 100
 49 113.7 86.9 130.3
 51 32.4 28.6 43.0
 86 61.3 50.7 76.1





#19

trans-1,2-Dichloroethene

Concen: 28.779 ug/l

RT: 5.788 min Scan# 61

Delta R.T. -0.006 min

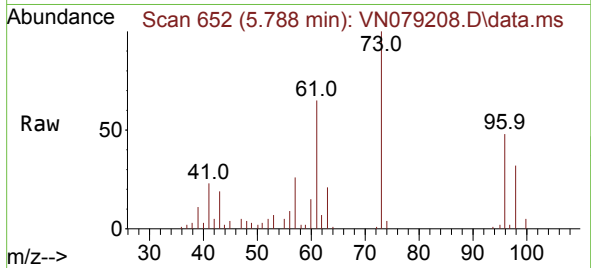
Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :



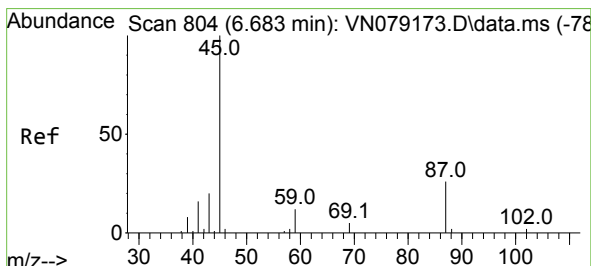
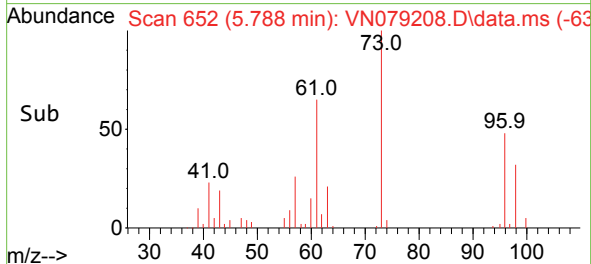
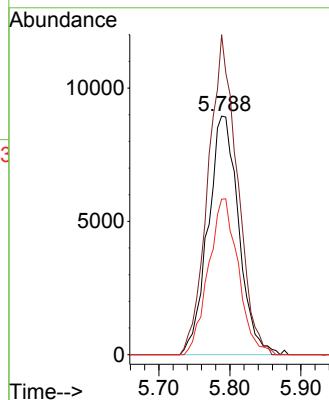
Tgt Ion: 96 Resp: 26809

Ion Ratio Lower Upper

96 100

61 134.1 106.6 159.8

98 65.2 51.0 76.4



#20

Diisopropyl ether

Concen: 23.166 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Tgt Ion: 45 Resp: 82739

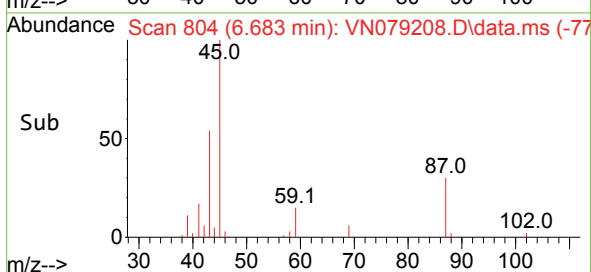
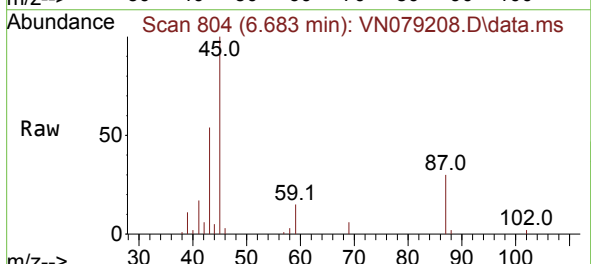
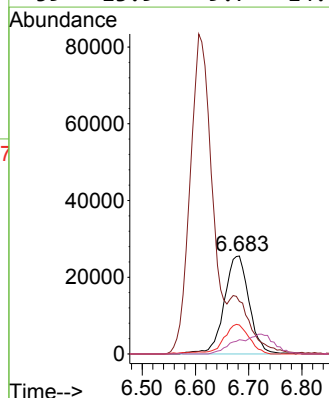
Ion Ratio Lower Upper

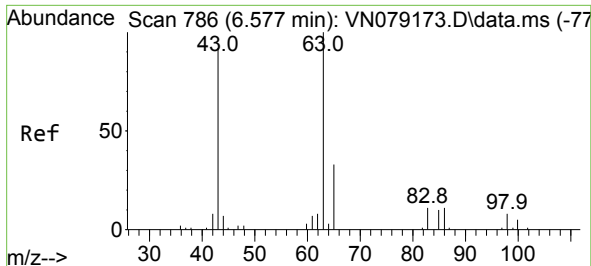
45 100

43 49.2 34.9 52.3

87 29.6 21.5 32.3

59 13.9 9.7 14.5





#21

1,1-Dichloroethane

Concen: 24.010 ug/l

RT: 6.577 min Scan# 71

Delta R.T. -0.000 min MSVOA_N

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

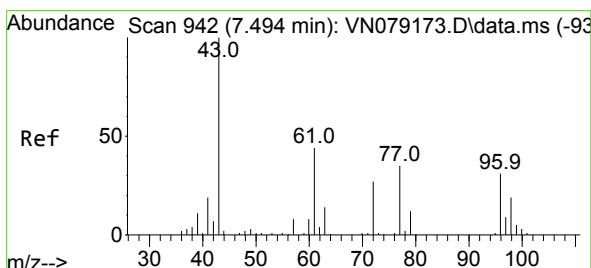
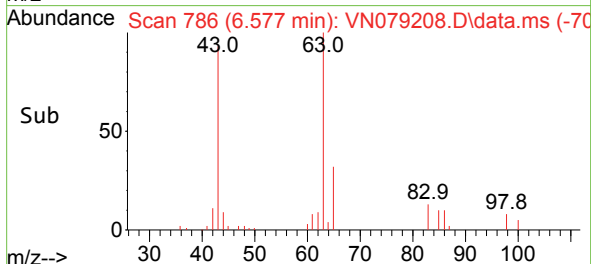
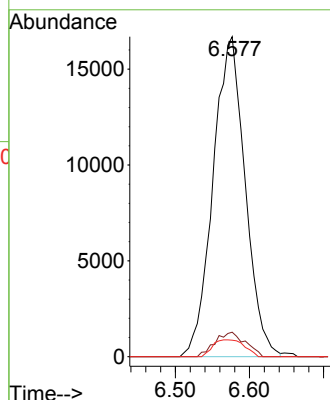
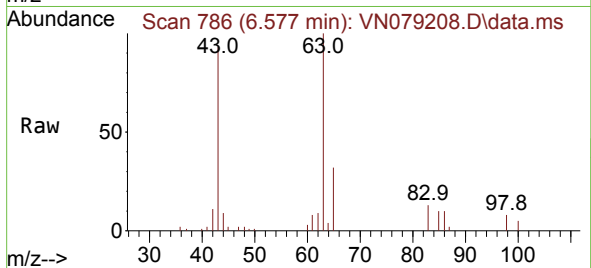
Tgt Ion: 63 Resp: 50237

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 5.1 2.5 7.5



#22

cis-1,2-Dichloroethene

Concen: 21.958 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

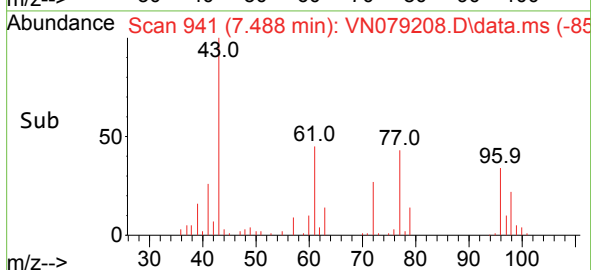
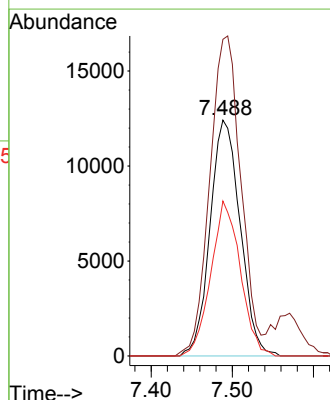
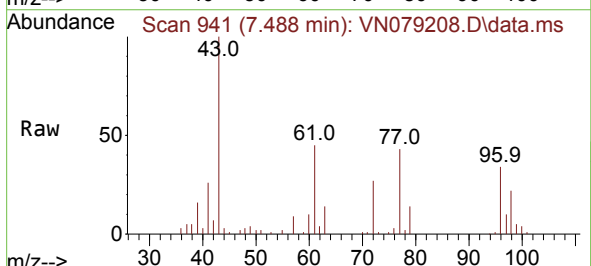
Tgt Ion: 96 Resp: 31989

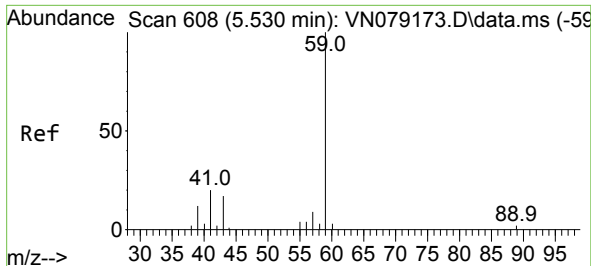
Ion Ratio Lower Upper

96 100

61 139.8 113.0 169.6

98 64.4 50.2 75.4

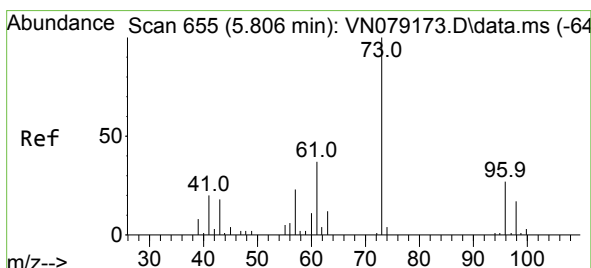
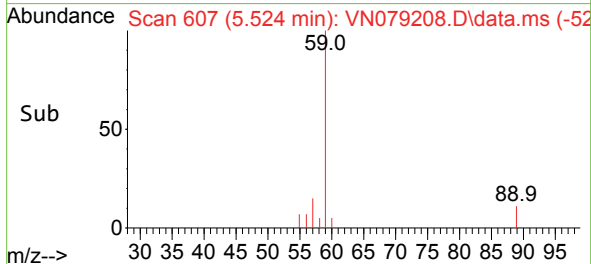
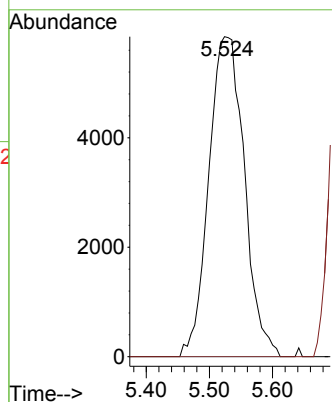
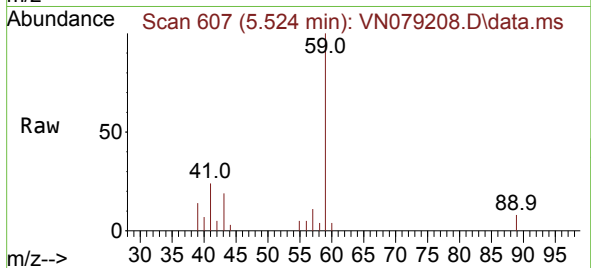




#23
tert-Butyl Alcohol
Concen: 116.863 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

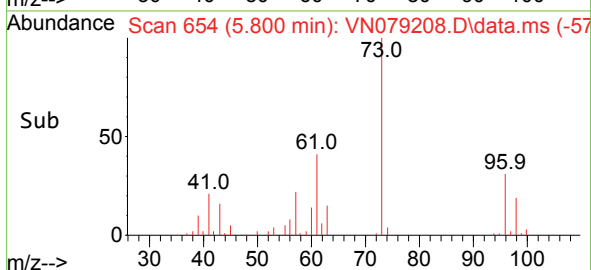
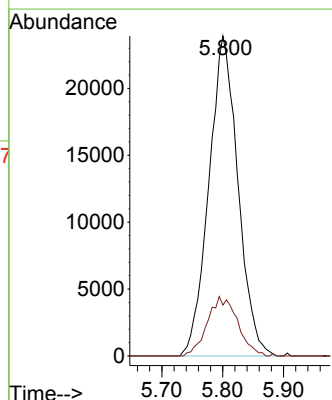
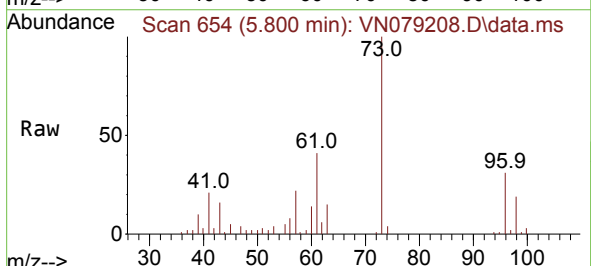
Instrument :
MSVOA_N
ClientSampleId :

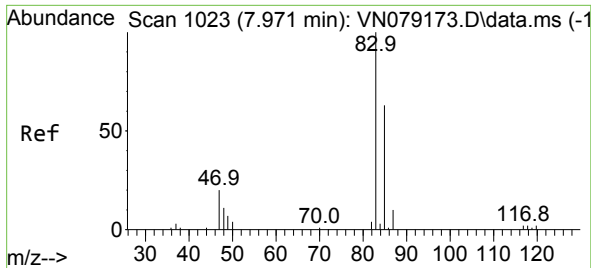
Tgt Ion: 59 Resp: 22885
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 26.975 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 73 Resp: 79264
Ion Ratio Lower Upper
73 100
43 10.5 14.7 22.1#

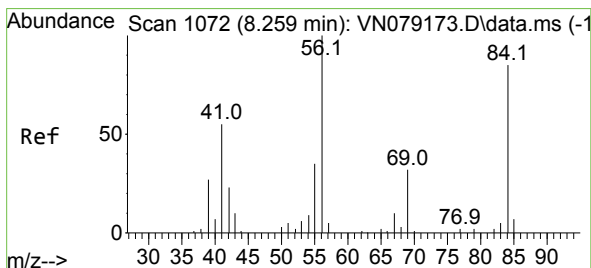
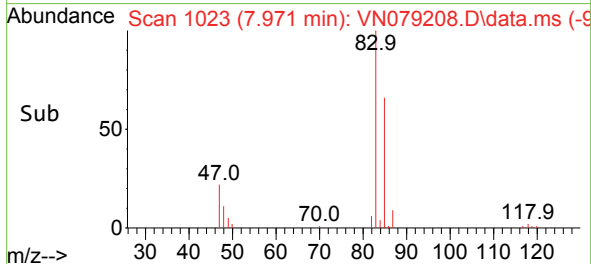
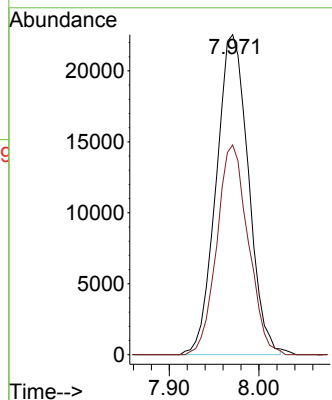
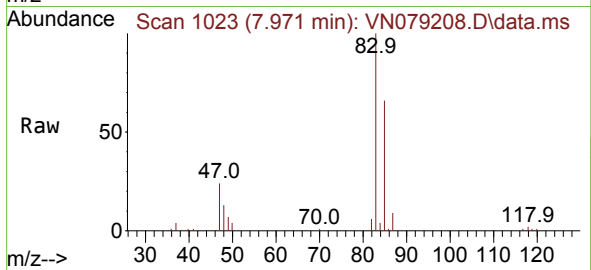




#25
Chloroform
Concen: 22.266 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

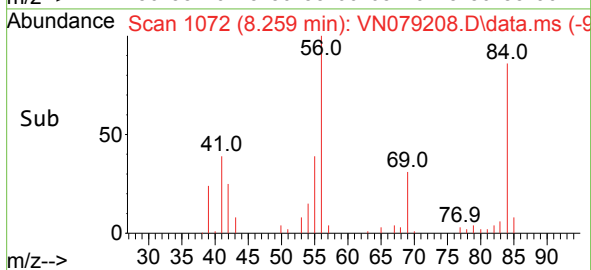
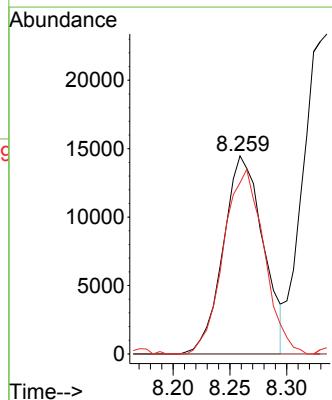
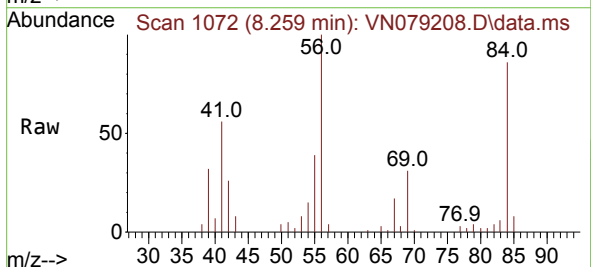
Instrument :
MSVOA_N
ClientSampleId :

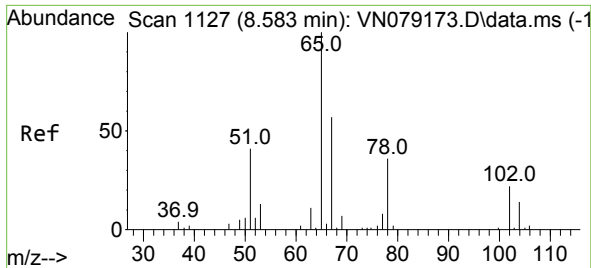
Tgt Ion: 83 Resp: 56179
Ion Ratio Lower Upper
83 100
85 65.5 50.6 76.0



#26
Cyclohexane
Concen: 18.673 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 56 Resp: 35430
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.4 71.1 106.7





#27

1,2-Dichloroethane-d4

Concen: 32.314 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

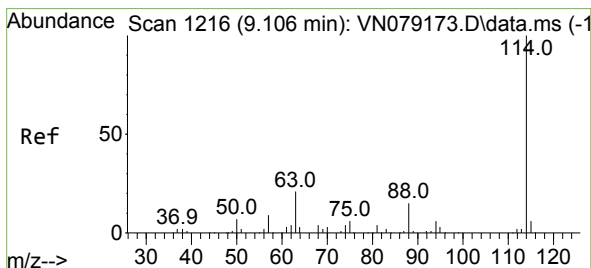
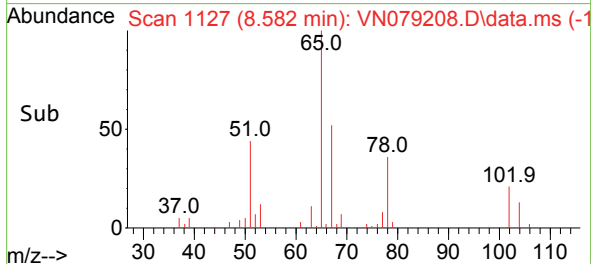
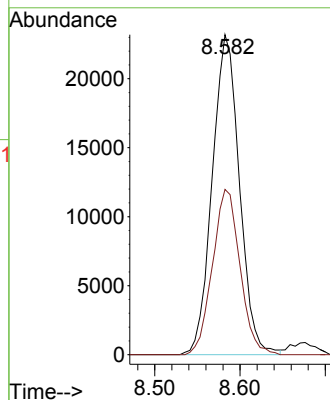
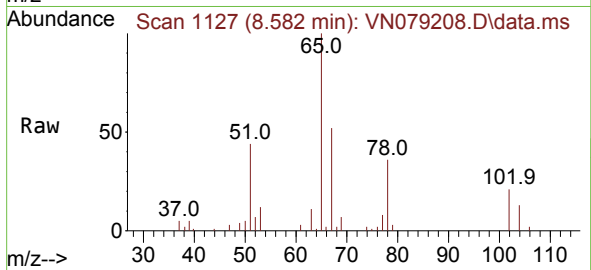
ClientSampleId :

Tgt Ion: 65 Resp: 51391

Ion Ratio Lower Upper

65 100

67 52.2 44.4 66.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

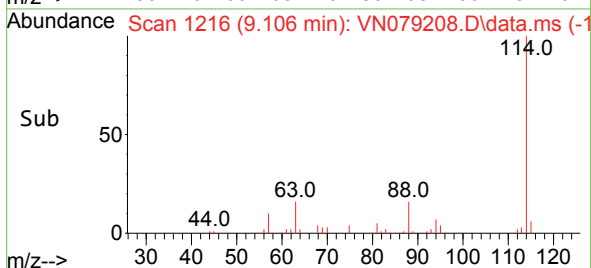
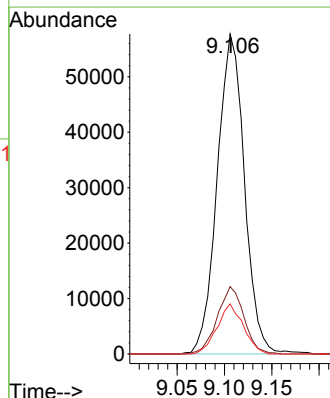
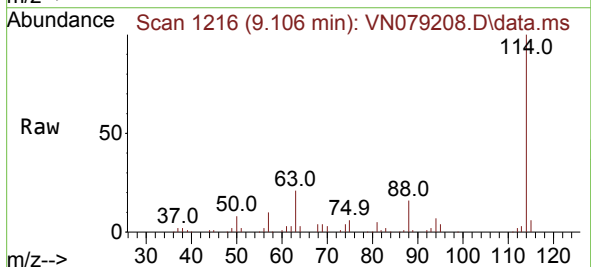
Tgt Ion: 114 Resp: 115316

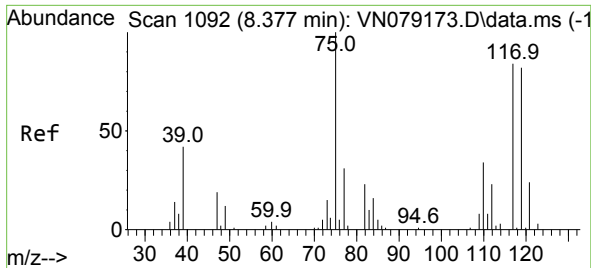
Ion Ratio Lower Upper

114 100

63 20.6 17.0 25.4

88 15.0 12.8 19.2

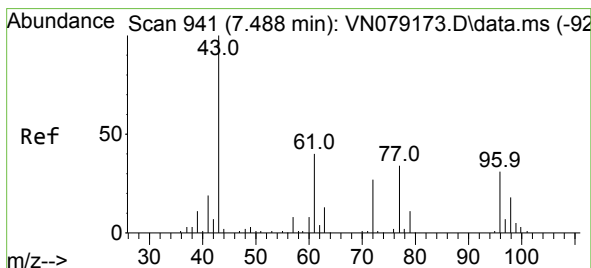
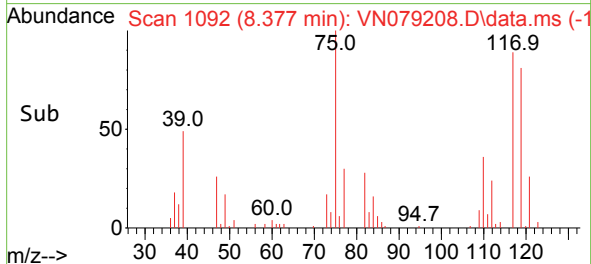
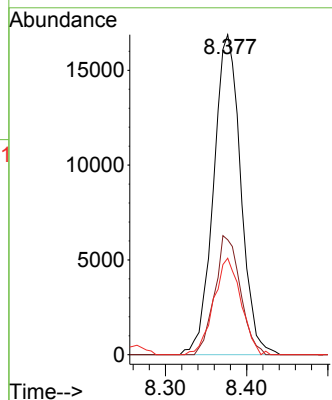
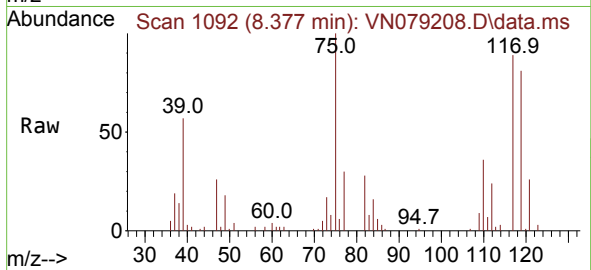




#29
1,1-Dichloropropene
Concen: 21.221 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

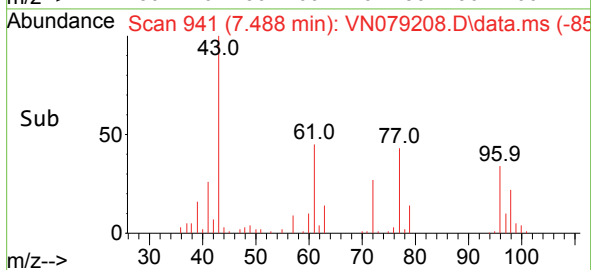
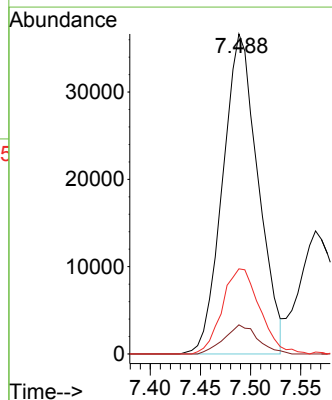
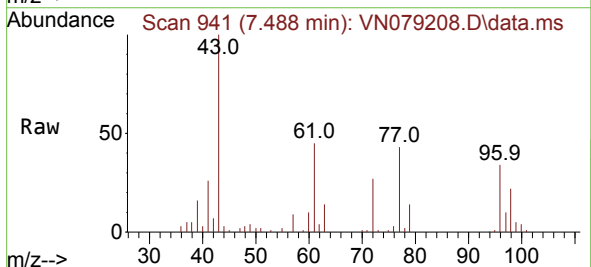
Instrument :
MSVOA_N
ClientSampleId :

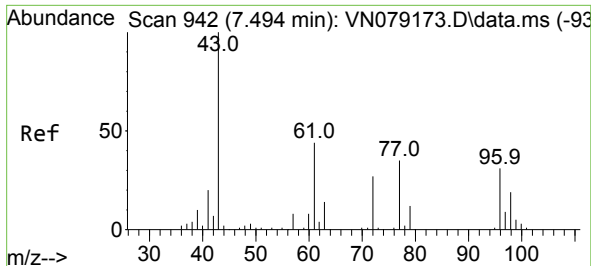
Tgt Ion: 75 Resp: 39235
Ion Ratio Lower Upper
75 100
110 35.0 0.0 68.4
77 30.1 0.0 63.2



#30
2-Butanone
Concen: 97.028 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 43 Resp: 90231
Ion Ratio Lower Upper
43 100
57 8.6 6.8 10.2
72 28.1 22.4 33.6





#31

2,2-Dichloropropane

Concen: 24.922 ug/l

RT: 7.500 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

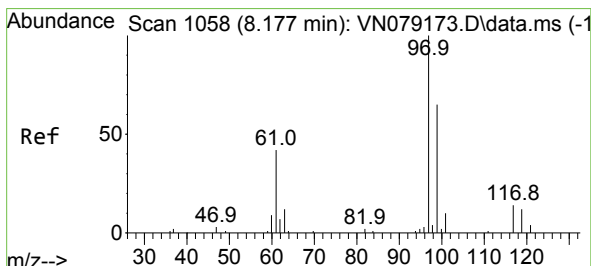
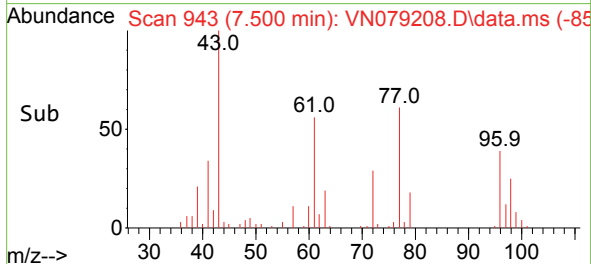
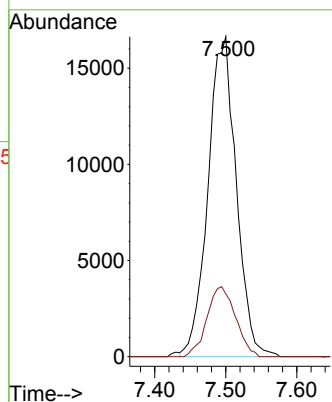
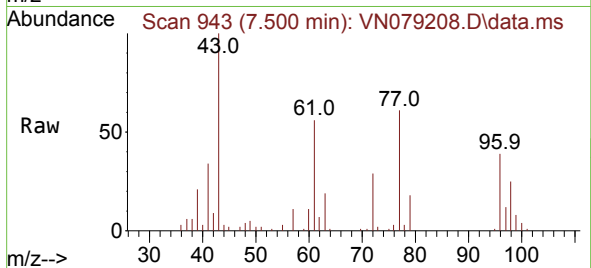
ClientSampleId :

Tgt Ion: 77 Resp: 45961

Ion Ratio Lower Upper

77 100

97 22.1 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 22.863 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

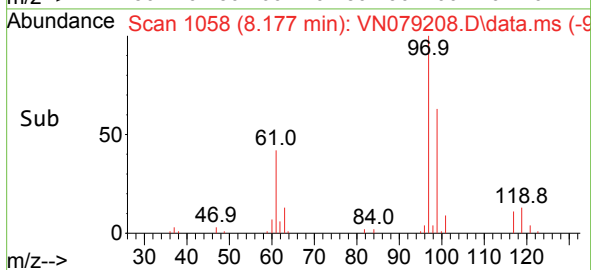
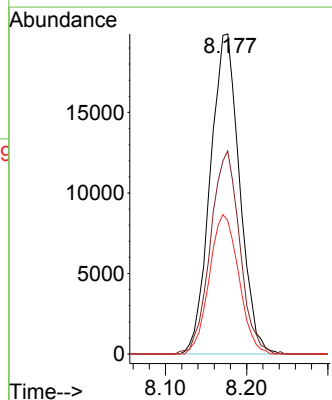
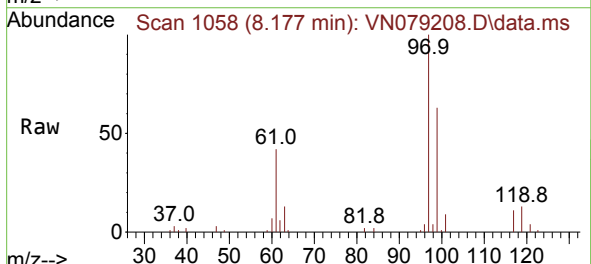
Tgt Ion: 97 Resp: 49801

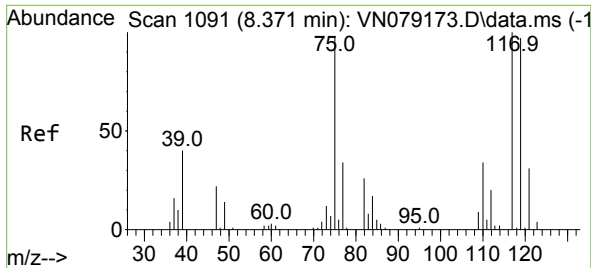
Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

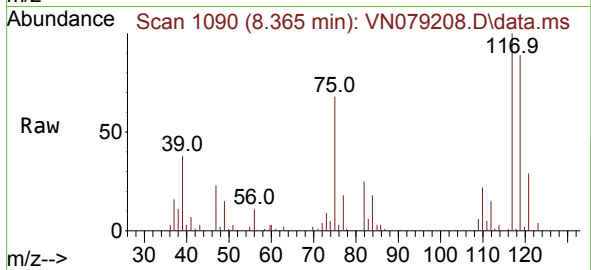
61 43.7 33.4 50.0



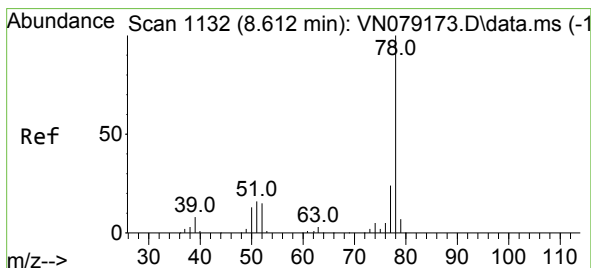
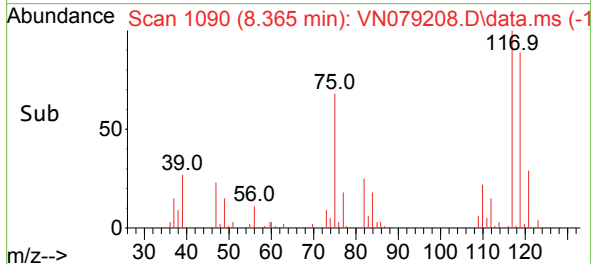
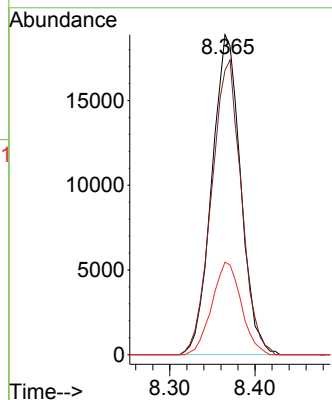


#33
Carbon Tetrachloride
Concen: 23.652 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :

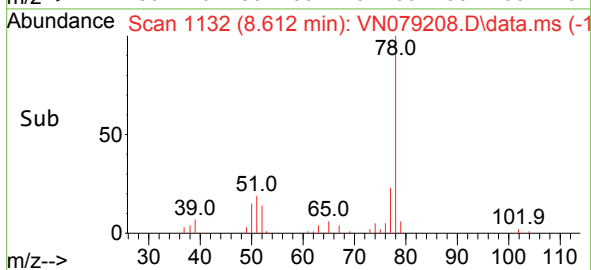
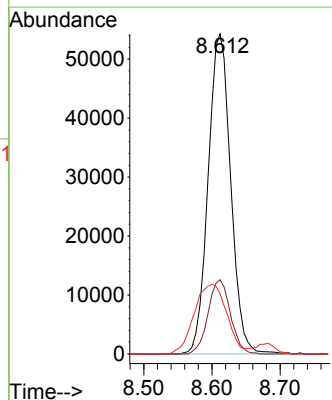
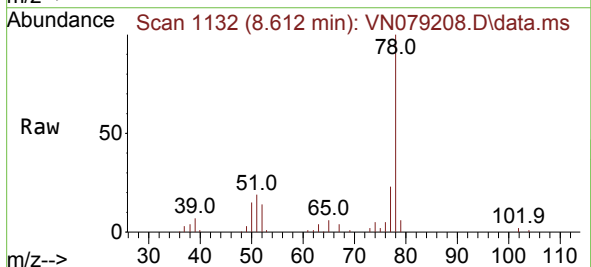


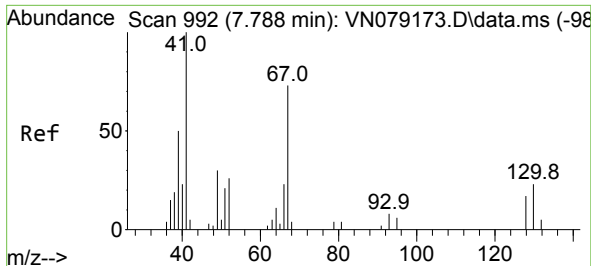
Tgt Ion:117 Resp: 44255
Ion Ratio Lower Upper
117 100
119 88.9 77.9 116.9
121 28.9 25.1 37.7



#34
Benzene
Concen: 21.271 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

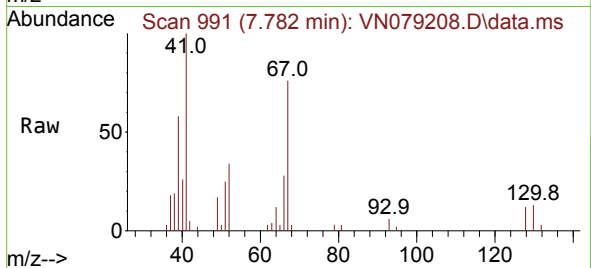
Tgt Ion: 78 Resp: 124953
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3
51 18.2 13.1 19.7



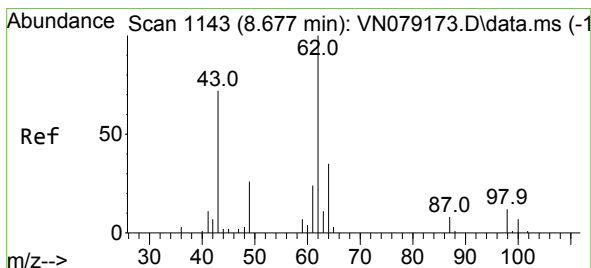
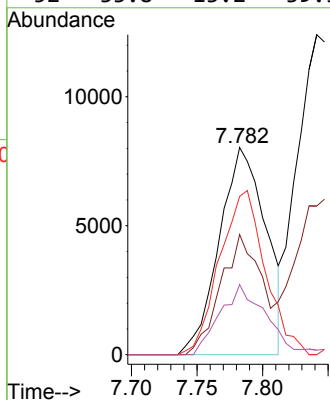
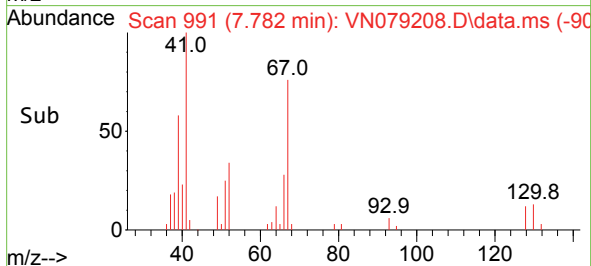


#35
Methacrylonitrile
Concen: 19.805 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :

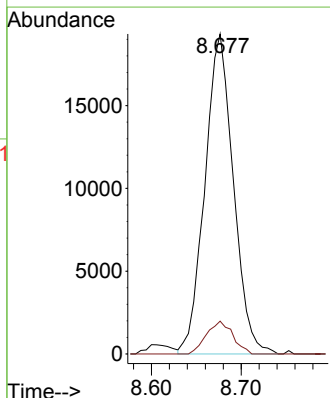
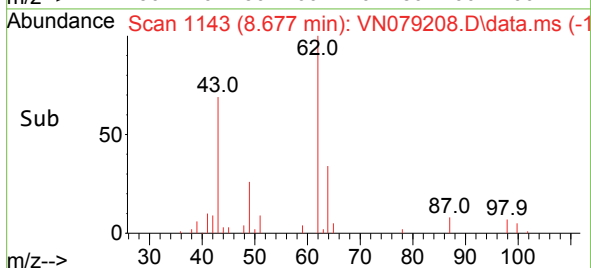
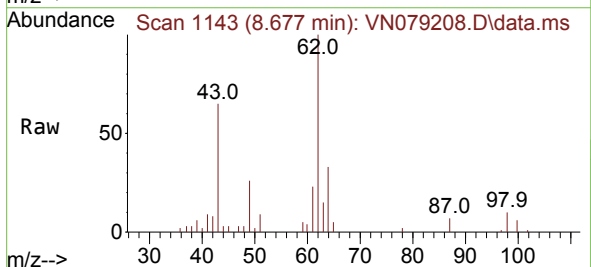


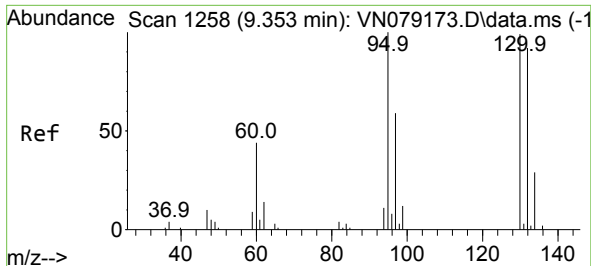
Tgt Ion:	41	Resp:	19831
Ion Ratio	Lower	Upper	
41	100		
39	58.0	24.9	74.6
67	76.4	36.7	110.1
52	33.8	13.2	39.5



#36
1,2-Dichloroethane
Concen: 22.007 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion:	62	Resp:	42635
Ion Ratio	Lower	Upper	
62	100		
98	9.4	8.2	12.2

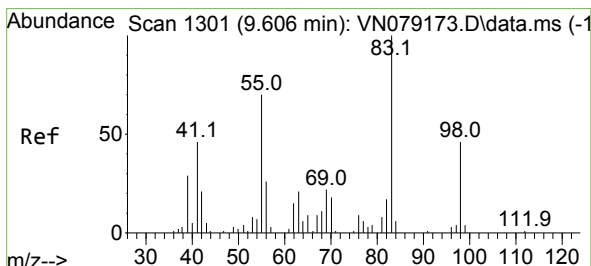
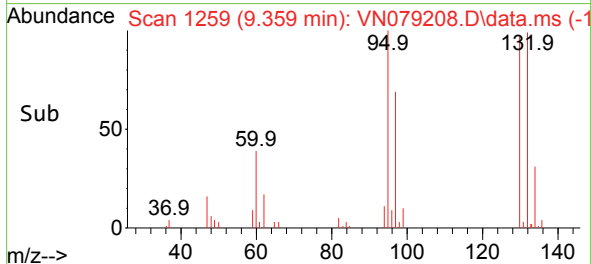
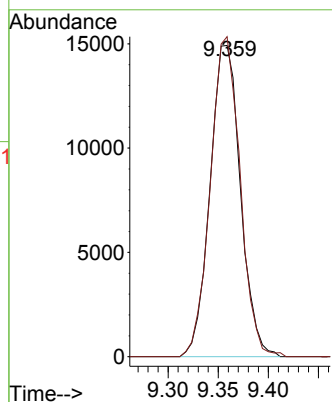
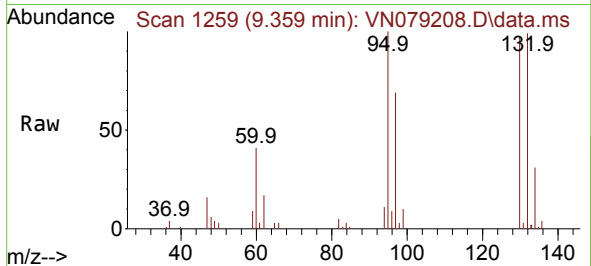




#37
Trichloroethene
Concen: 22.671 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

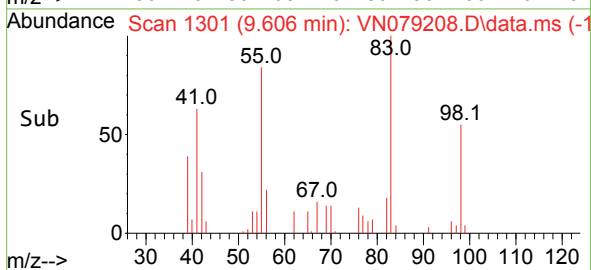
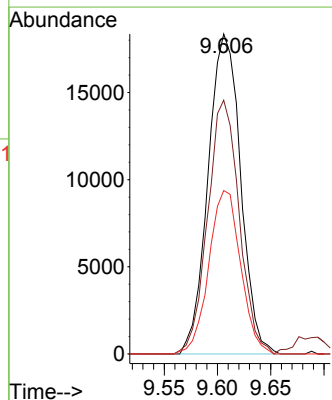
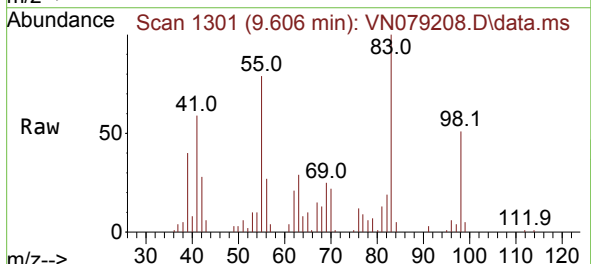
Instrument :
MSVOA_N
ClientSampleId :

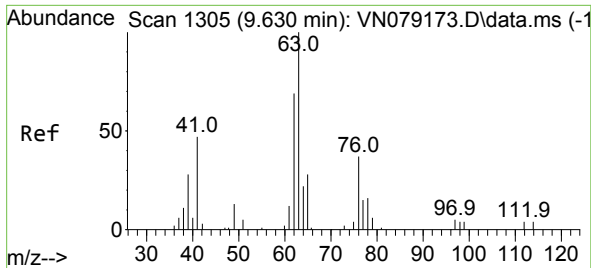
Tgt Ion:130 Resp: 31478
Ion Ratio Lower Upper
130 100
95 102.8 81.0 121.4



#38
Methylcyclohexane
Concen: 21.066 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 83 Resp: 38938
Ion Ratio Lower Upper
83 100
55 76.8 39.1 117.2
98 50.0 24.1 72.4





#39

1,2-Dichloropropane

Concen: 21.737 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

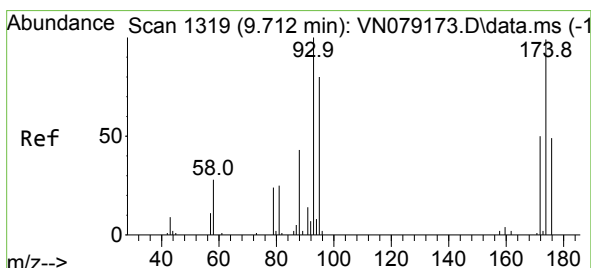
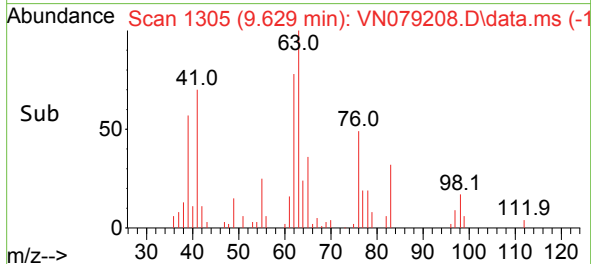
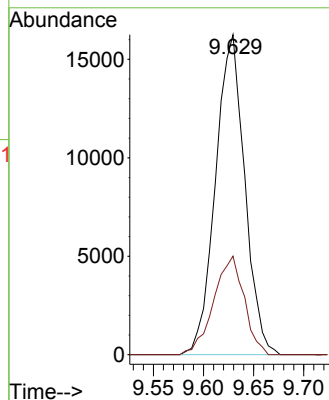
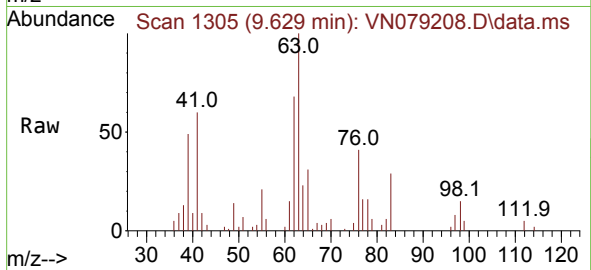
ClientSampleId :

Tgt Ion: 63 Resp: 32937

Ion Ratio Lower Upper

63 100

65 30.8 23.4 35.0



#40

Dibromomethane

Concen: 22.997 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

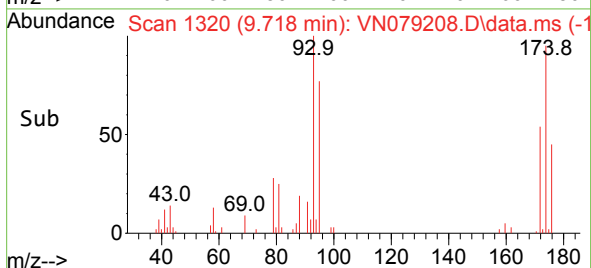
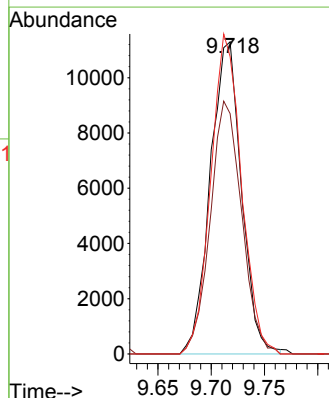
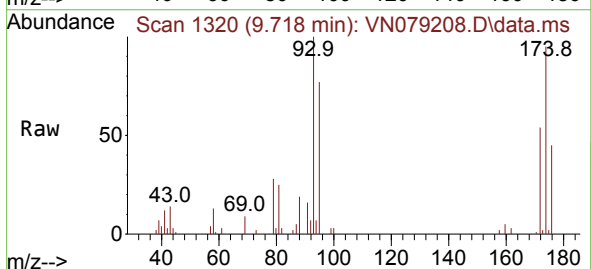
Tgt Ion: 93 Resp: 22980

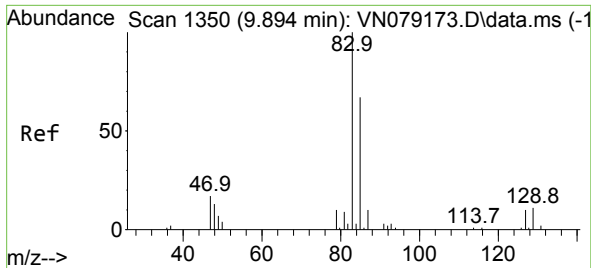
Ion Ratio Lower Upper

93 100

95 81.6 0.0 172.4

174 100.7 0.0 192.4

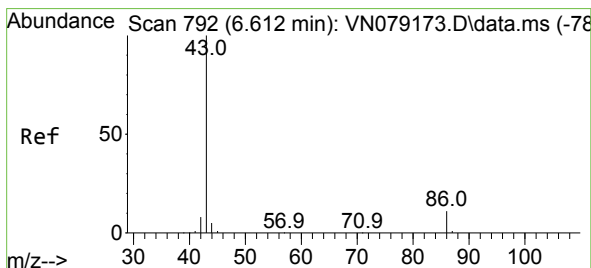
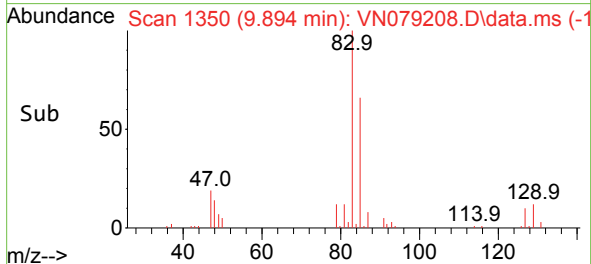
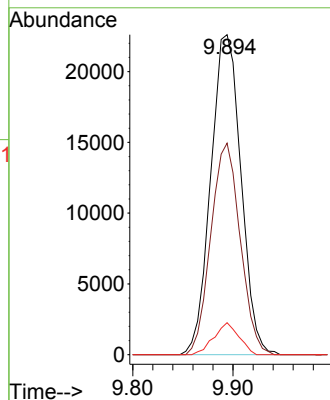
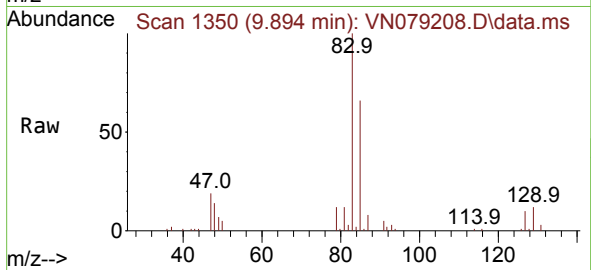




#41
Bromodichloromethane
Concen: 23.760 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

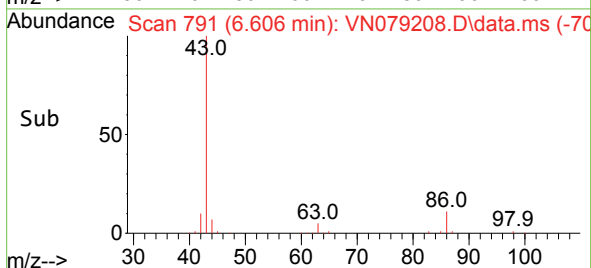
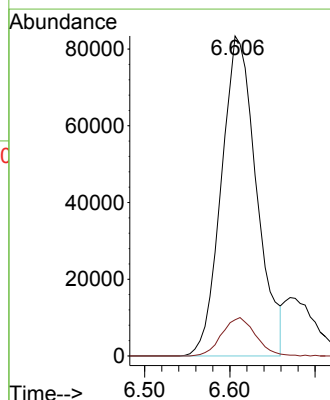
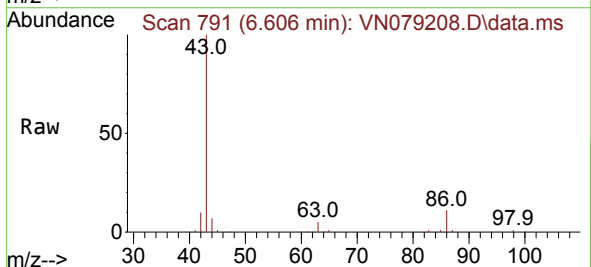
Instrument :
MSVOA_N
ClientSampleId :

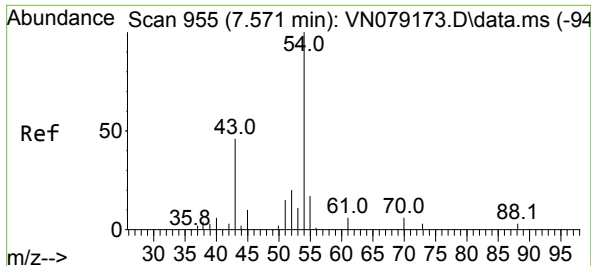
Tgt Ion: 83 Resp: 47329
Ion Ratio Lower Upper
83 100
85 66.1 53.4 80.2
127 10.0 8.3 12.5



#42
Vinyl Acetate
Concen: 108.393 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

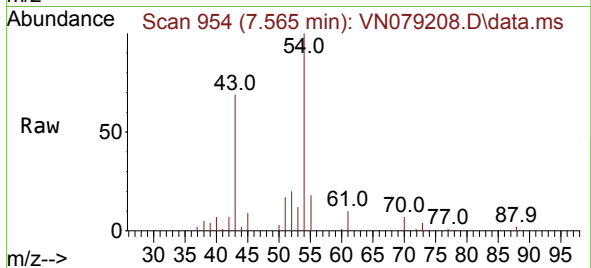
Tgt Ion: 43 Resp: 239387
Ion Ratio Lower Upper
43 100
86 11.5 9.2 13.8



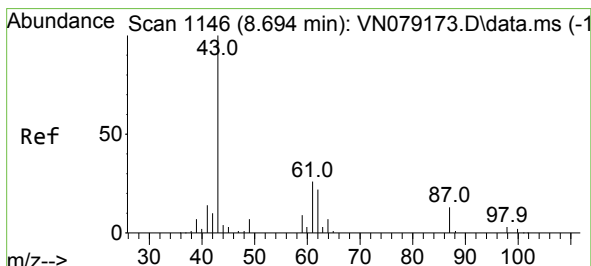
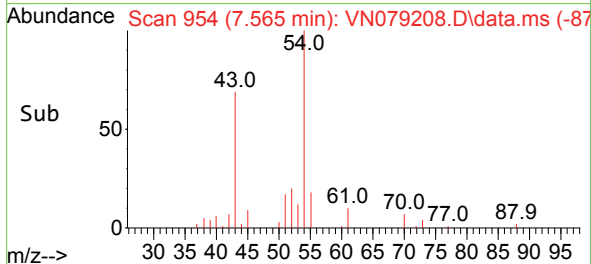
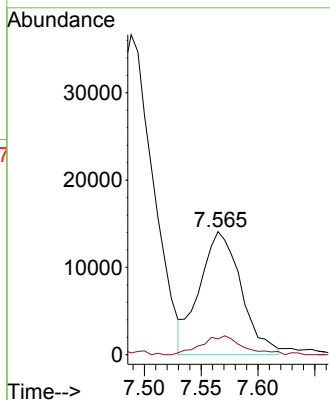


#43
Ethyl Acetate
Concen: 20.336 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :

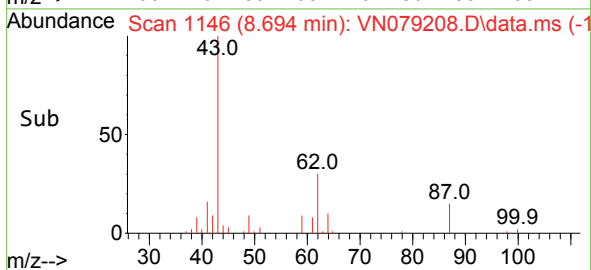
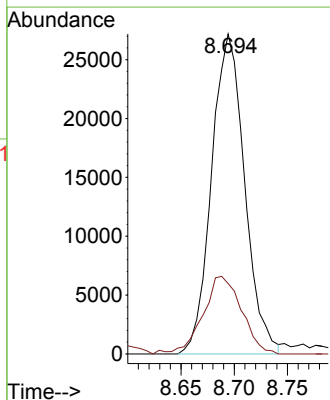
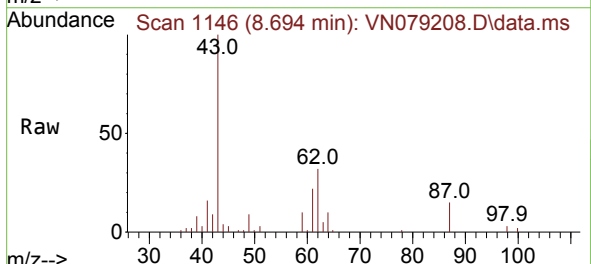


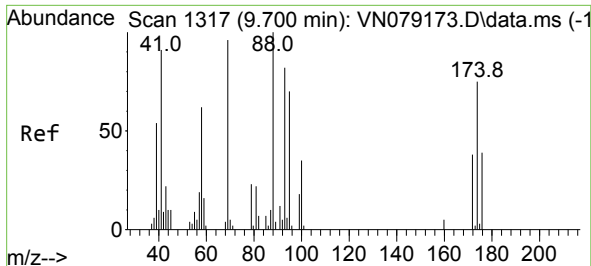
Tgt Ion: 43 Resp: 35916
Ion Ratio Lower Upper
43 100
45 15.1 11.1 16.7



#44
Isopropyl Acetate
Concen: 18.469 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 43 Resp: 58679
Ion Ratio Lower Upper
43 100
61 28.1 22.6 33.8





#45

1,4-Dioxane

Concen: 381.568 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

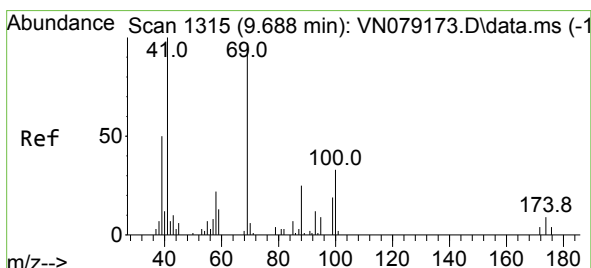
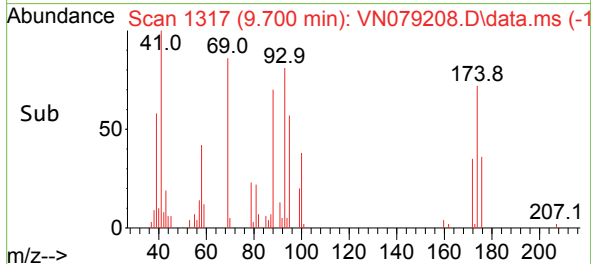
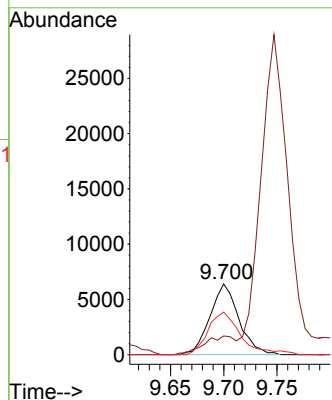
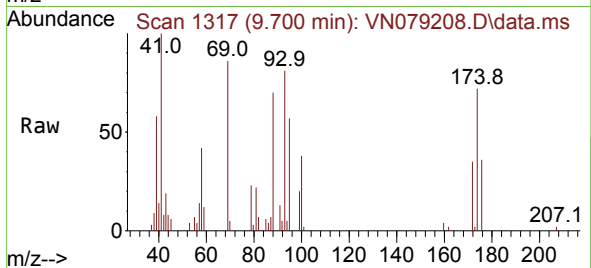
Tgt Ion: 88 Resp: 12067

Ion Ratio Lower Upper

88 100

43 28.7 19.9 29.9

58 66.1 58.0 87.0



#46

Methyl methacrylate

Concen: 20.971 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

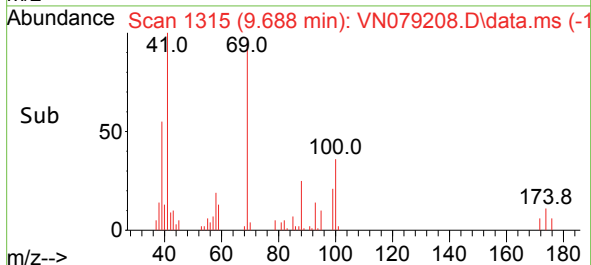
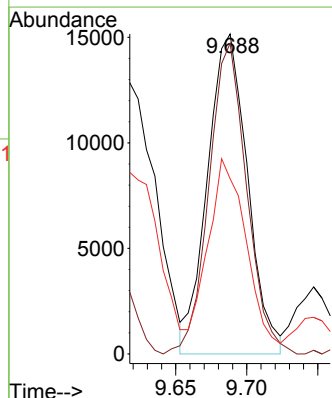
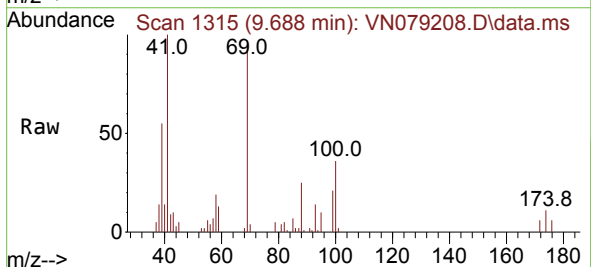
Tgt Ion: 41 Resp: 29767

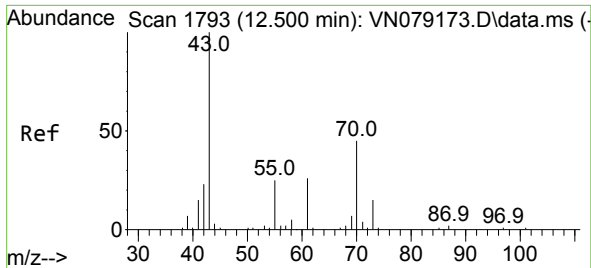
Ion Ratio Lower Upper

41 100

69 100.1 48.1 144.3

39 54.5 25.8 77.3

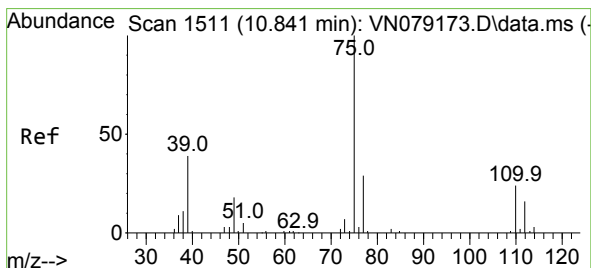
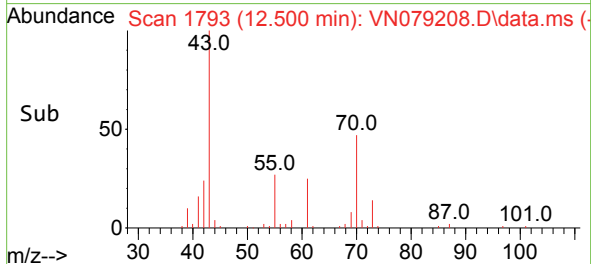
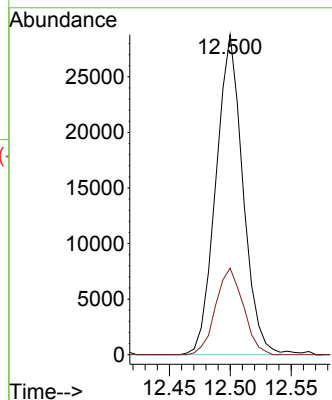
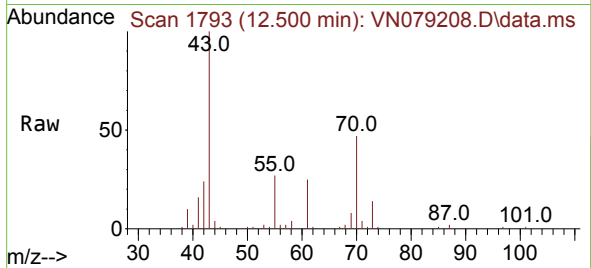




#47
n-amyl acetate
Concen: 19.831 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

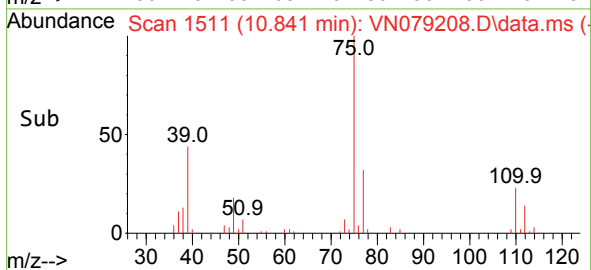
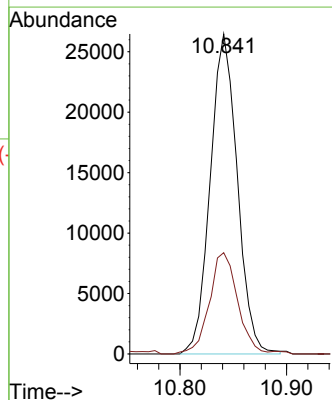
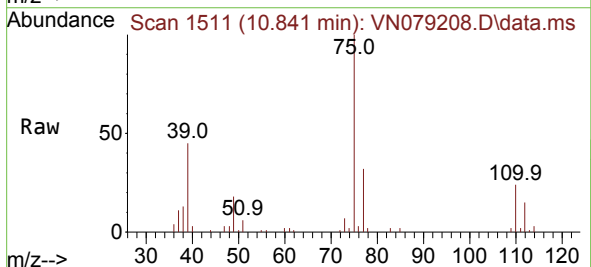
Instrument :
MSVOA_N
ClientSampleId :

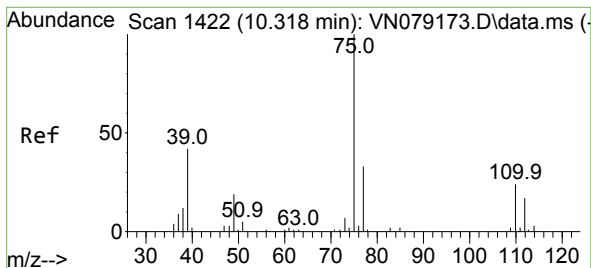
Tgt Ion: 43 Resp: 44311
Ion Ratio Lower Upper
43 100
55 27.7 20.5 30.7



#48
t-1,3-Dichloropropene
Concen: 21.668 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 75 Resp: 46696
Ion Ratio Lower Upper
75 100
77 31.1 22.9 34.3

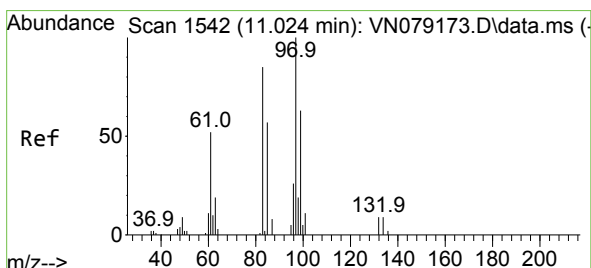
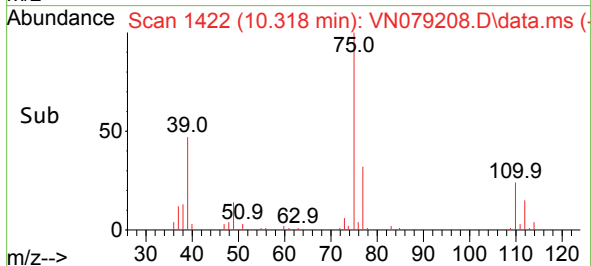
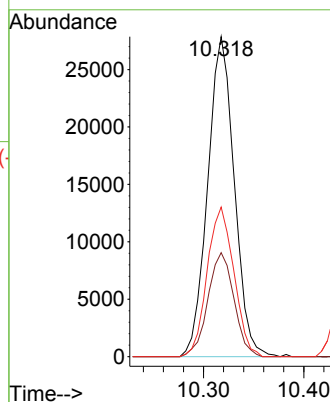
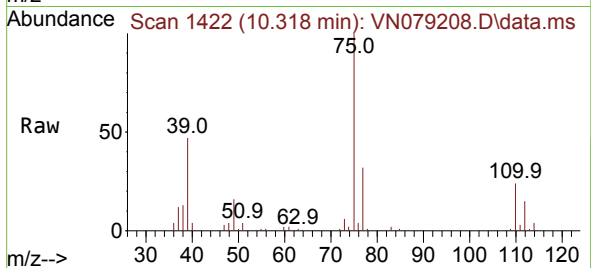




#49
 cis-1,3-Dichloropropene
 Concen: 22.829 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079208.D
 Acq: 11 Sep 2023 09:58

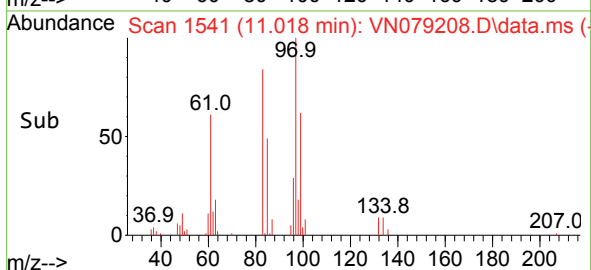
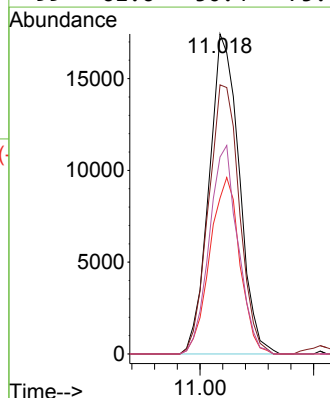
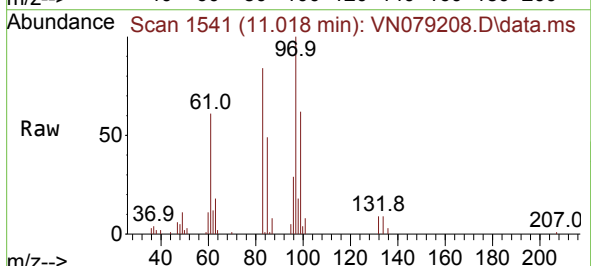
Instrument :
 MSVOA_N
 ClientSampleId :

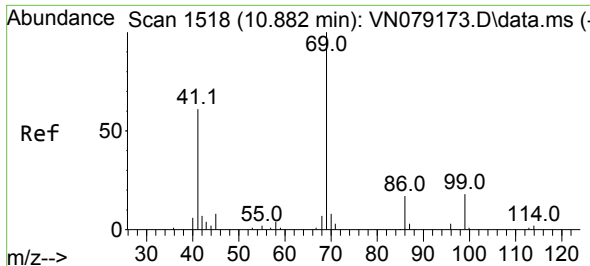
Tgt Ion:	75	Resp:	51316
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.2	39.2
39	46.8	33.8	50.8



#50
 1,1,2-Trichloroethane
 Concen: 22.848 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: VN079208.D
 Acq: 11 Sep 2023 09:58

Tgt Ion:	97	Resp:	32030
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.9	103.3
85	48.7	45.3	67.9
99	61.6	50.4	75.6

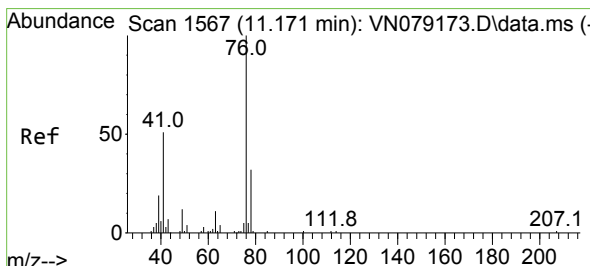
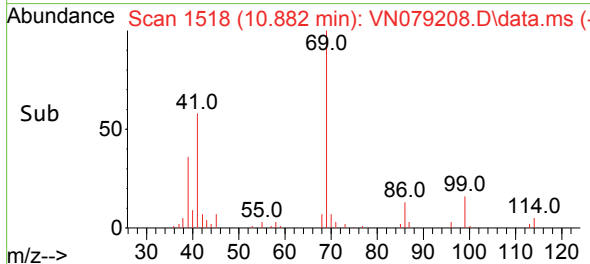
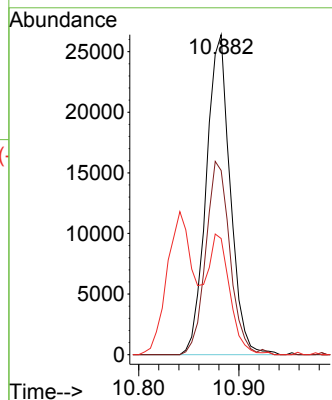
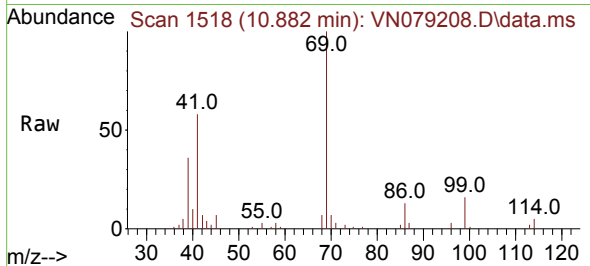




#51
Ethyl methacrylate
Concen: 20.221 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

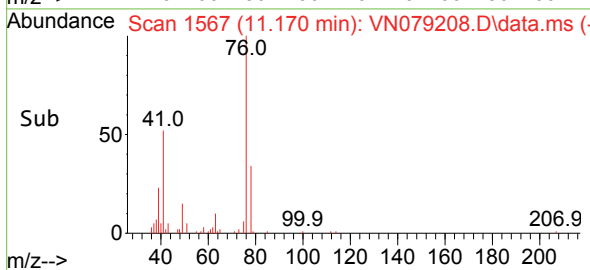
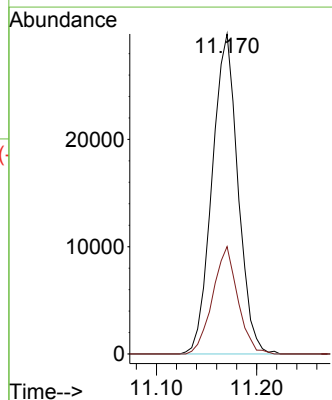
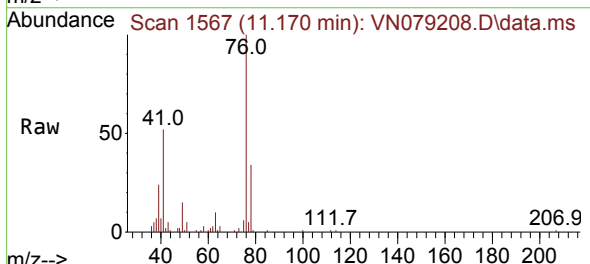
Instrument :
MSVOA_N
ClientSampleId :

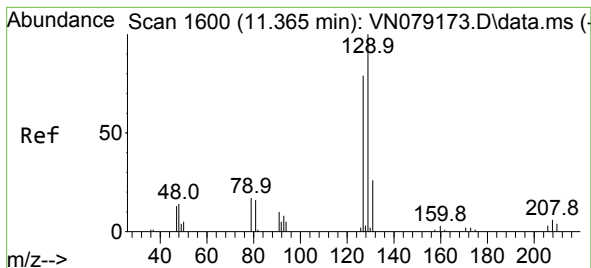
Tgt Ion: 69 Resp: 43777
Ion Ratio Lower Upper
69 100
41 57.5 30.3 90.9
39 36.3 13.4 40.1



#52
1,3-Dichloropropane
Concen: 22.335 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 76 Resp: 53454
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.2





#53

Dibromochloromethane

Concen: 23.574 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

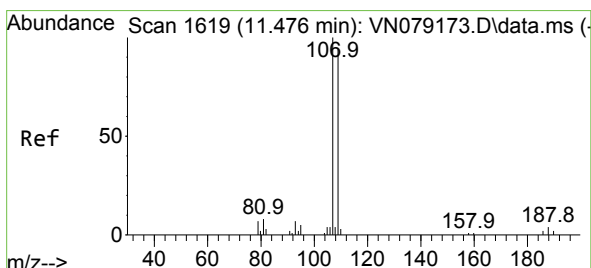
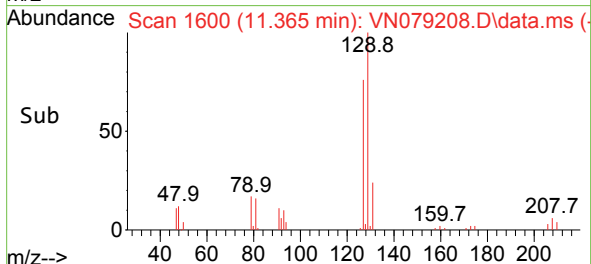
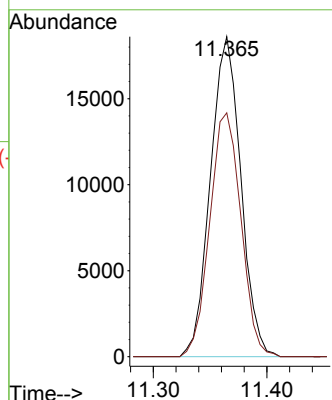
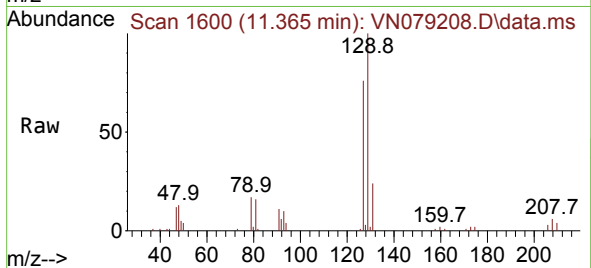
ClientSampleId :

Tgt Ion:129 Resp: 34661

Ion Ratio Lower Upper

129 100

127 77.9 38.7 116.1



#54

1,2-Dibromoethane

Concen: 21.171 ug/l

RT: 11.476 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VN079208.D

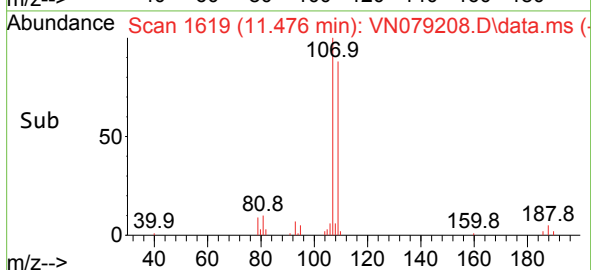
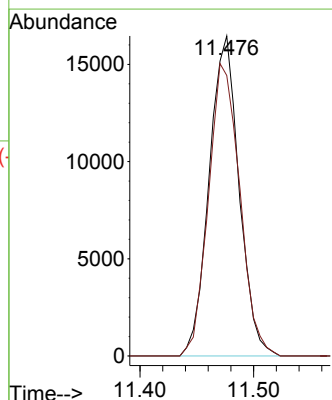
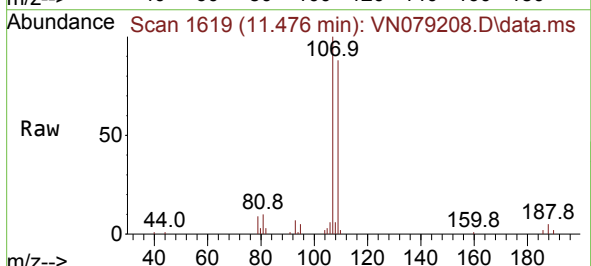
Acq: 11 Sep 2023 09:58

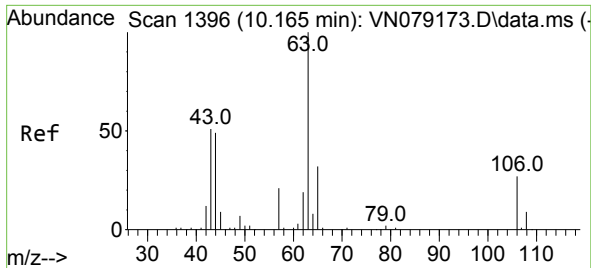
Tgt Ion:107 Resp: 30137

Ion Ratio Lower Upper

107 100

109 95.4 76.4 114.6

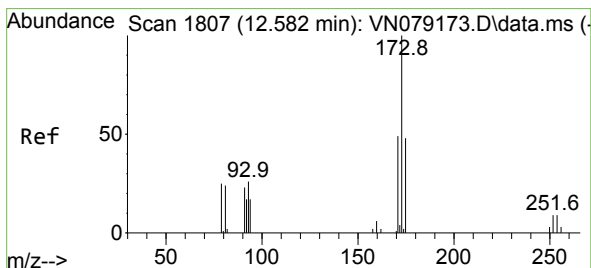
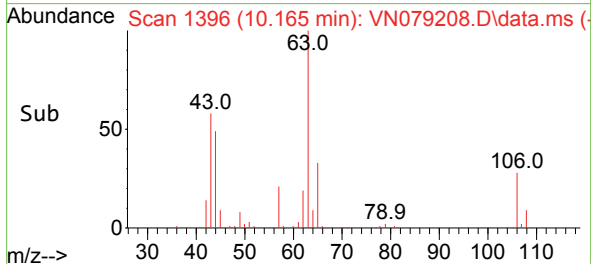
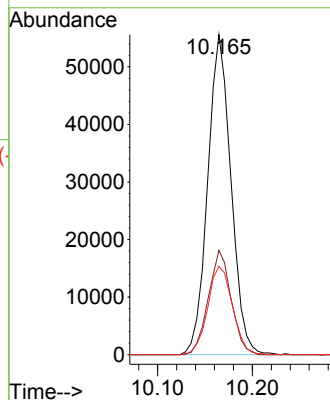
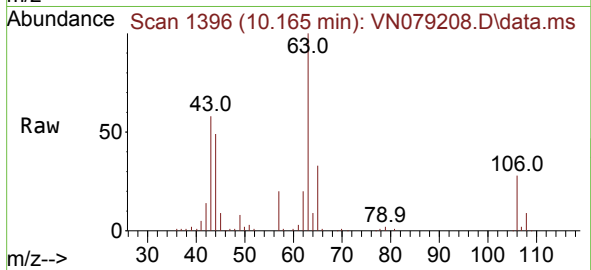




#55
2-Chloroethyl vinyl ether
Concen: 123.391 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

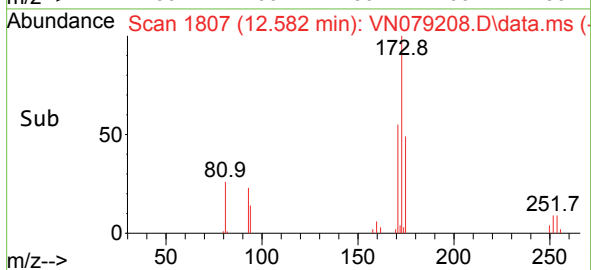
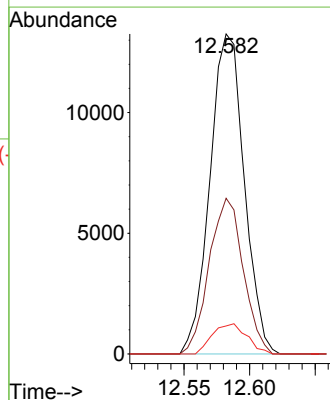
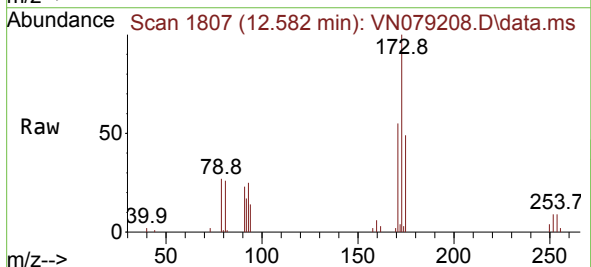
Instrument :
MSVOA_N
ClientSampleId :

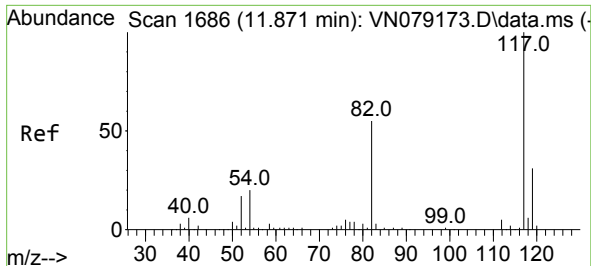
Tgt Ion: 63 Resp: 94920
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 29.3 21.9 32.9



#56
Bromoform
Concen: 23.535 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

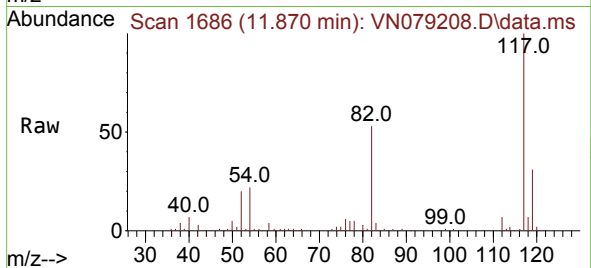
Tgt Ion:173 Resp: 24112
Ion Ratio Lower Upper
173 100
175 48.2 37.6 56.4
254 9.5 7.8 11.8



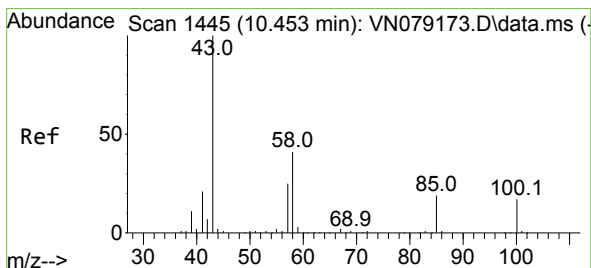
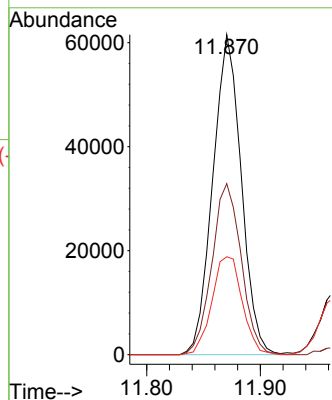
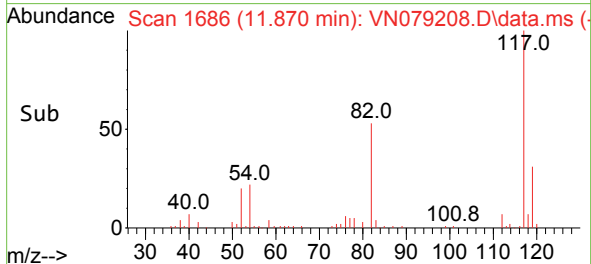


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :

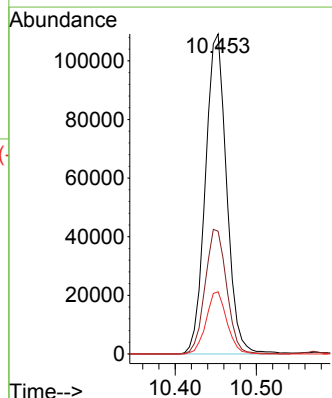
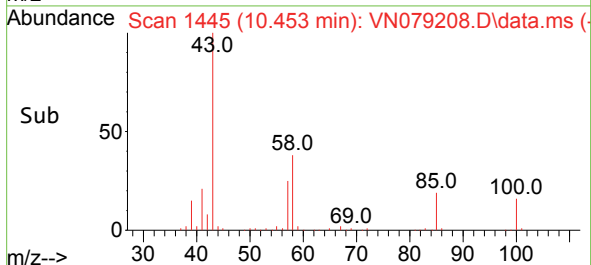
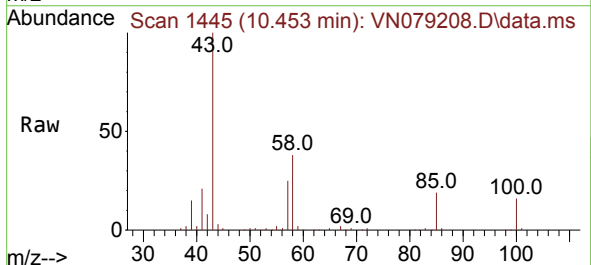


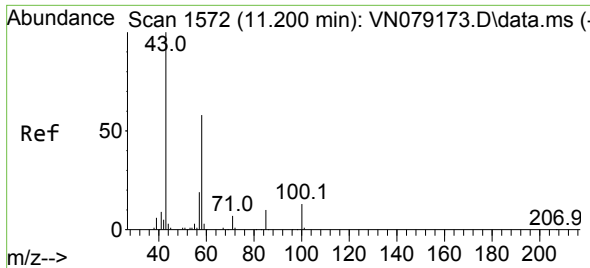
Tgt Ion:117 Resp: 107139
Ion Ratio Lower Upper
117 100
82 55.2 44.7 67.1
119 32.7 24.9 37.3



#58
4-Methyl-2-Pentanone
Concen: 100.682 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

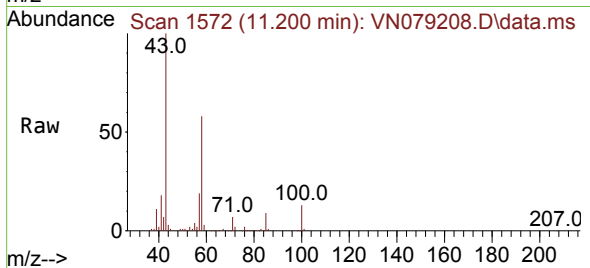
Tgt Ion: 43 Resp: 197947
Ion Ratio Lower Upper
43 100
58 39.7 33.6 50.4
85 19.0 15.0 22.4



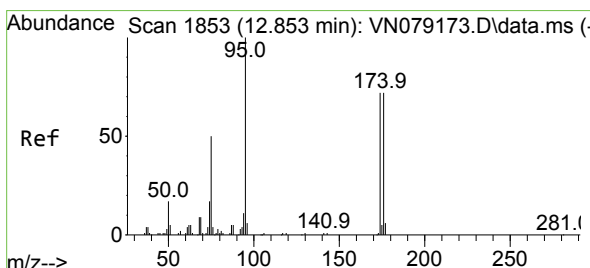
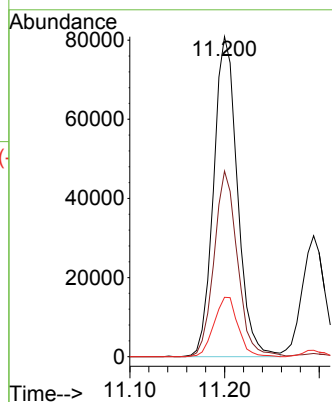
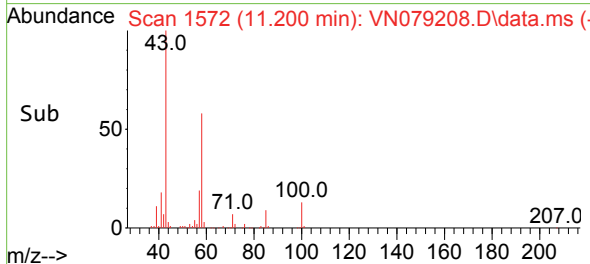


#59
2-Hexanone
Concen: 102.455 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :

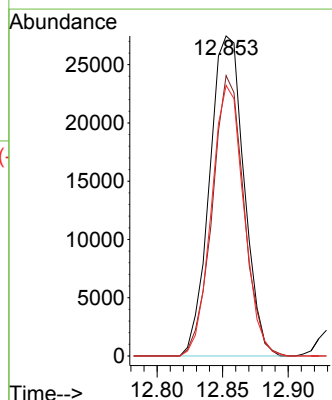
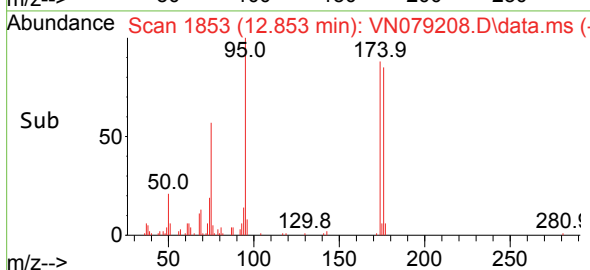
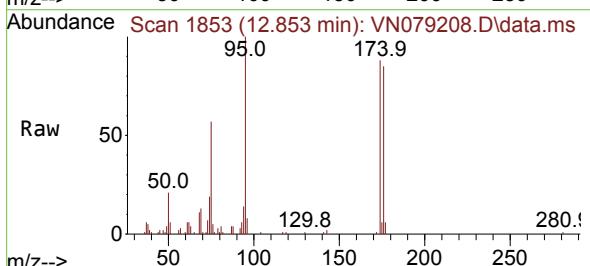


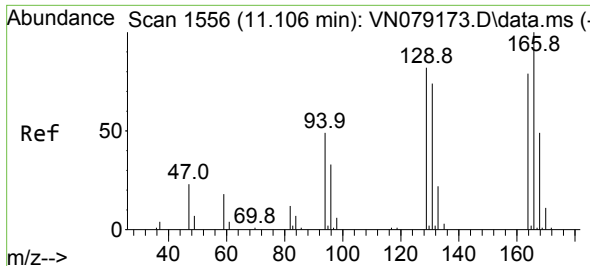
Tgt Ion: 43 Resp: 141465
Ion Ratio Lower Upper
43 100
58 56.8 46.4 69.6
57 18.7 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 31.744 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

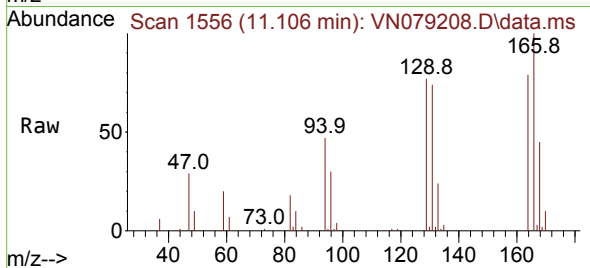
Tgt Ion: 95 Resp: 50113
Ion Ratio Lower Upper
95 100
174 80.4 59.5 89.3
176 79.4 59.1 88.7



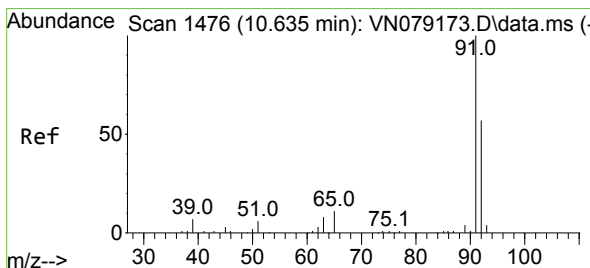
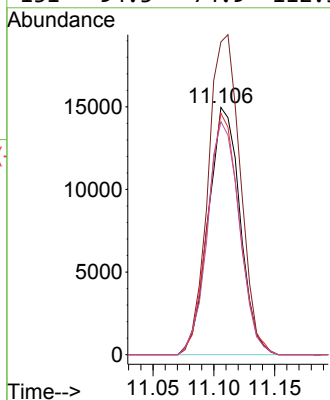
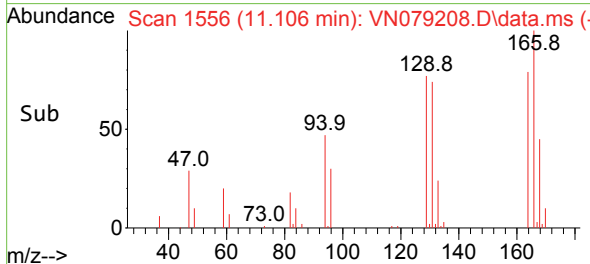


#61
Tetrachloroethene
Concen: 23.334 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

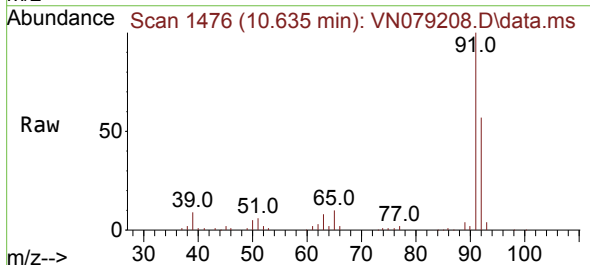
Instrument :
MSVOA_N
ClientSampleId :



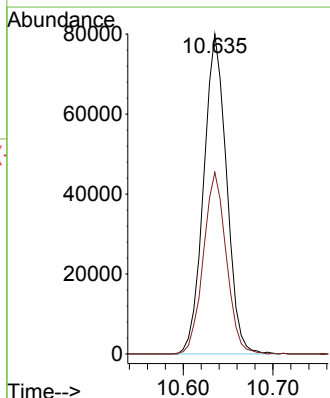
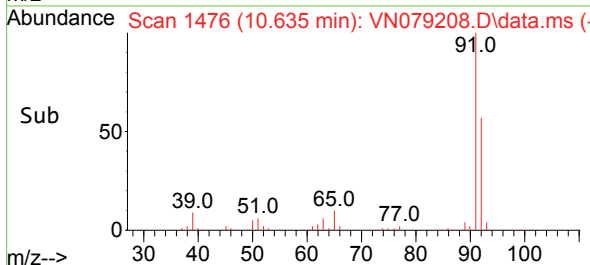
Tgt Ion:164 Resp: 27203
Ion Ratio Lower Upper
164 100
166 126.6 101.9 152.9
129 97.7 83.4 125.0
131 94.3 74.9 112.3

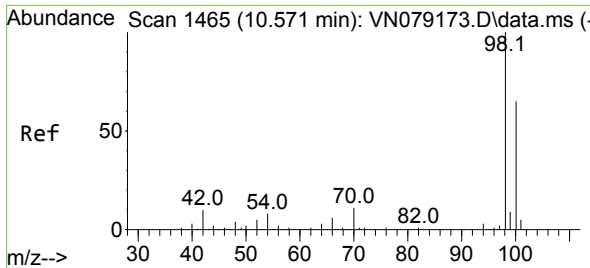


#62
Toluene
Concen: 22.754 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58



Tgt Ion: 91 Resp: 141941
Ion Ratio Lower Upper
91 100
92 56.8 45.7 68.5

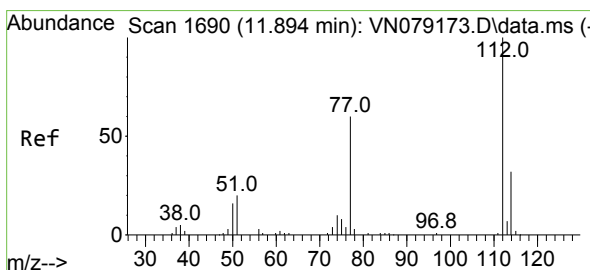
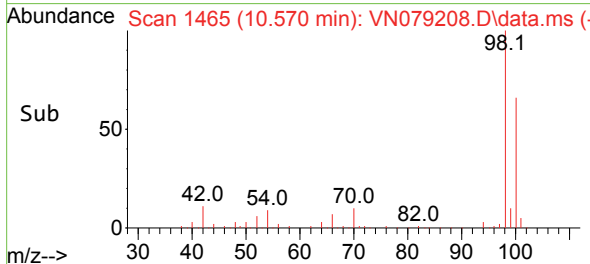
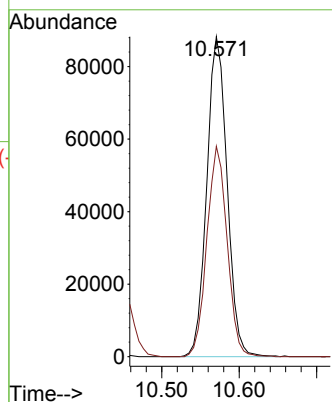
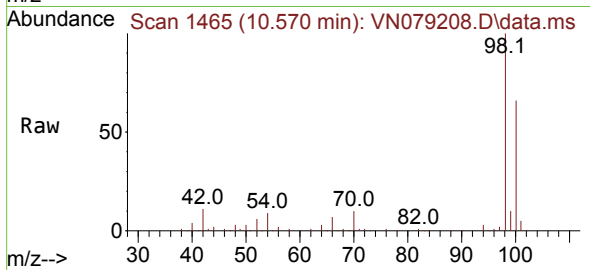




#63
Toluene-d8
Concen: 32.160 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

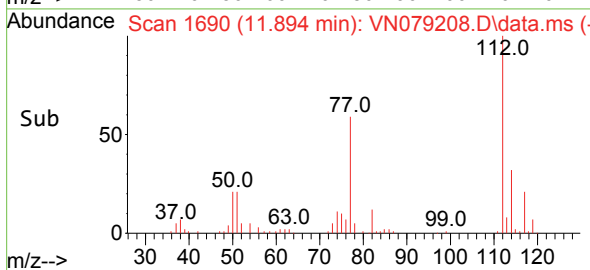
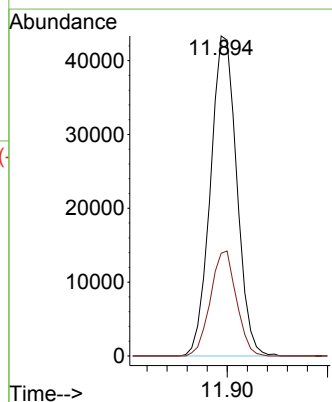
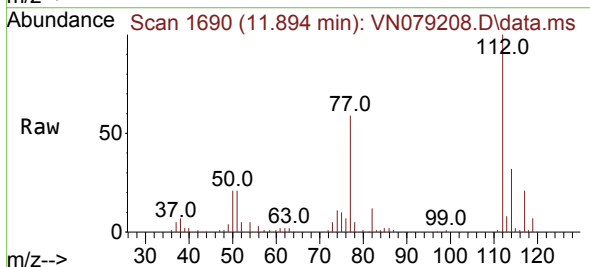
Instrument :
MSVOA_N
ClientSampleId :

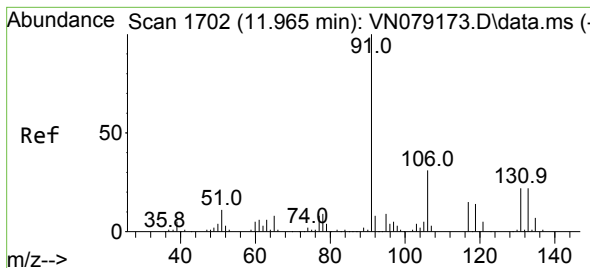
Tgt Ion: 98 Resp: 161026
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#64
Chlorobenzene
Concen: 21.666 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 112 Resp: 78846
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

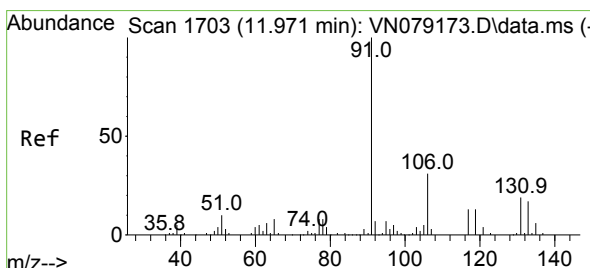
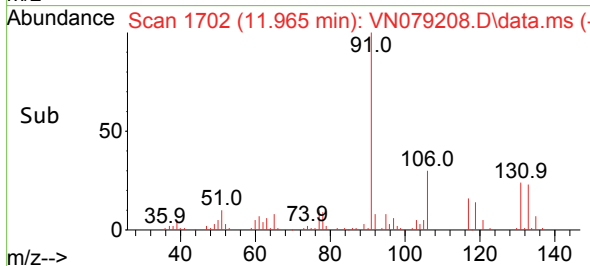
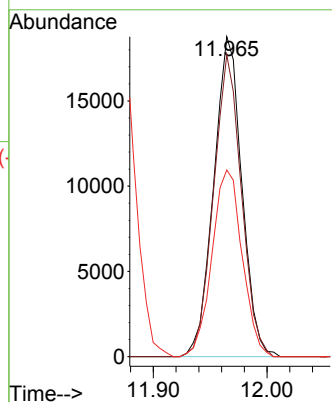
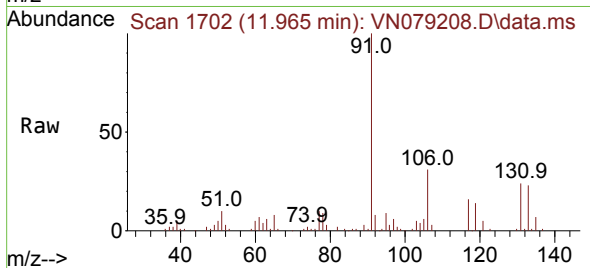




#65
1,1,1,2-Tetrachloroethane
Concen: 23.218 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

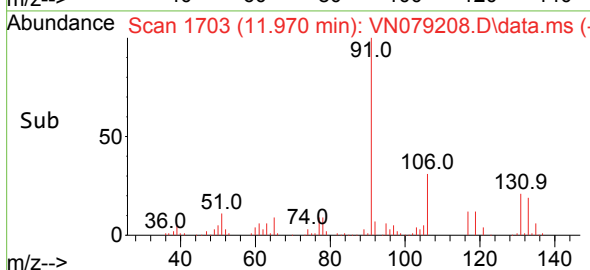
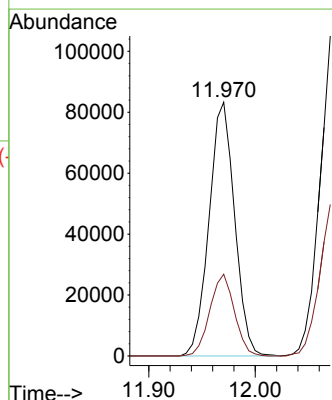
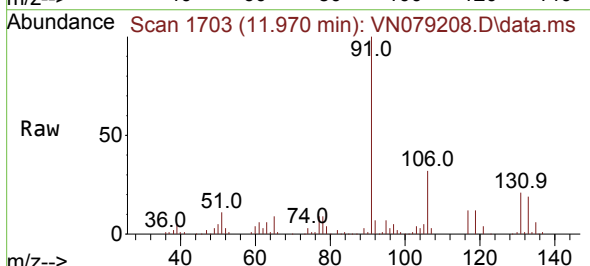
Instrument :
MSVOA_N
ClientSampleId :

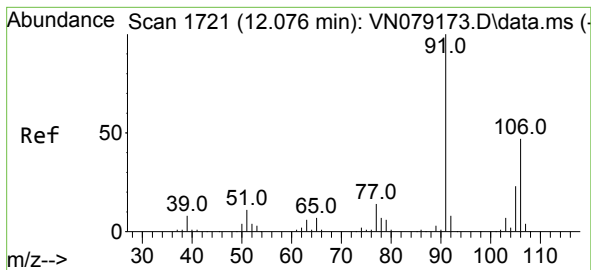
Tgt Ion:131 Resp: 32348
Ion Ratio Lower Upper
131 100
133 93.1 0.0 193.0
119 62.5 0.0 131.2



#66
Ethyl Benzene
Concen: 22.101 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 91 Resp: 138819
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6

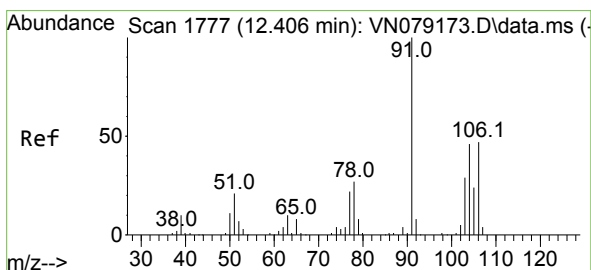
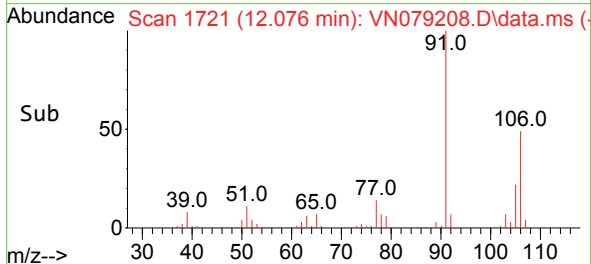
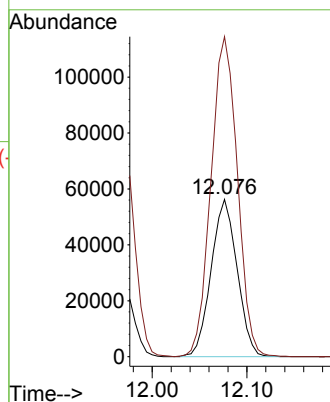
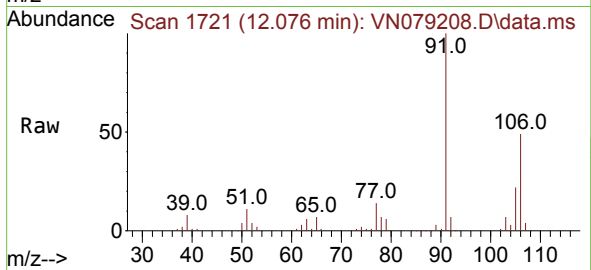




#67
m/p-Xylenes
Concen: 45.404 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

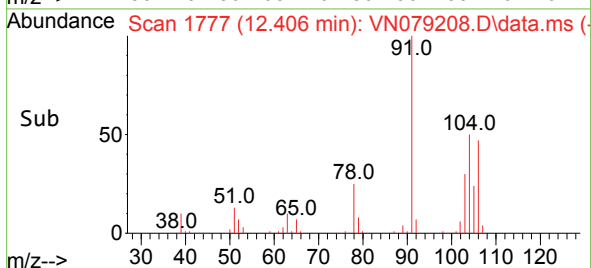
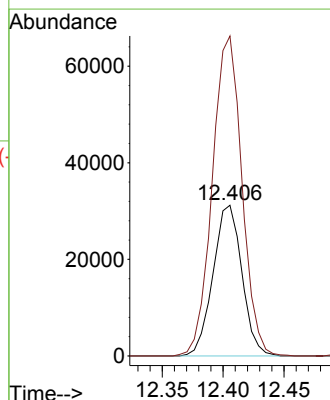
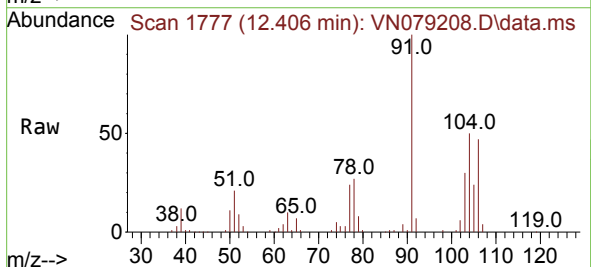
Instrument :
MSVOA_N
ClientSampleId :

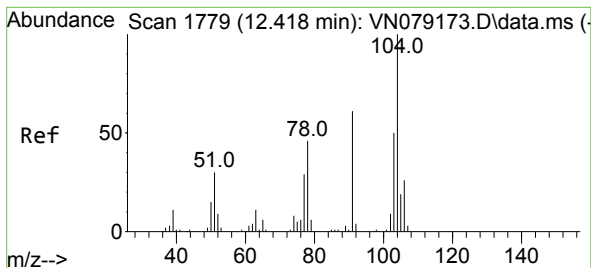
Tgt Ion:106 Resp: 107307
Ion Ratio Lower Upper
106 100
91 207.0 165.2 247.8



#68
o-Xylene
Concen: 22.576 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion:106 Resp: 51457
Ion Ratio Lower Upper
106 100
91 217.6 109.7 329.1





#69

Styrene

Concen: 23.729 ug/l

RT: 12.417 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN079208.D

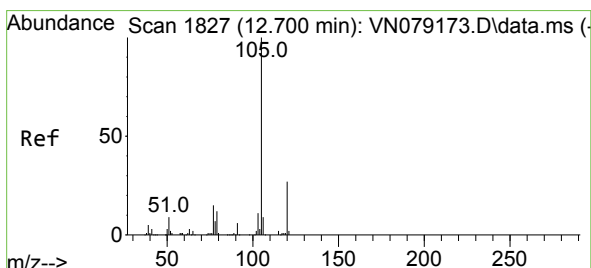
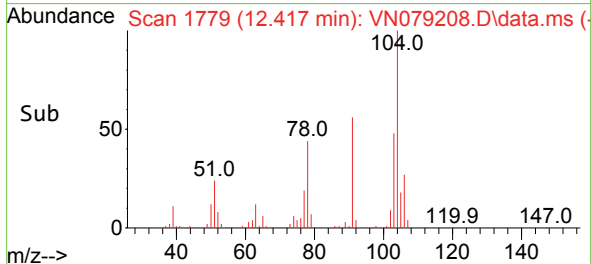
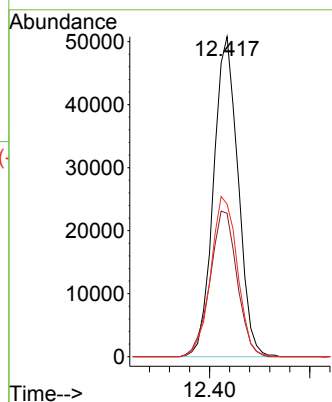
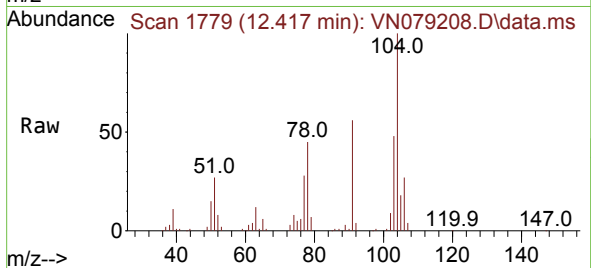
Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	86265
Ion Ratio	Lower	Upper
104	100	
78	50.1	40.5 60.7
103	54.2	43.3 64.9



#70

Isopropylbenzene

Concen: 22.707 ug/l

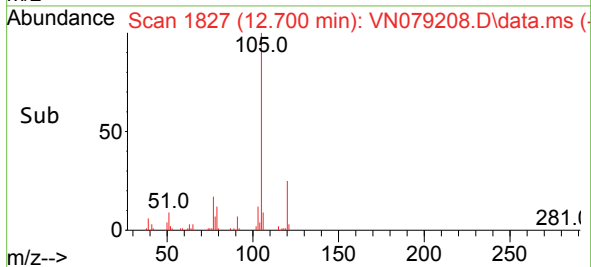
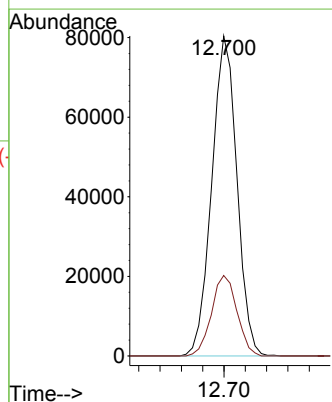
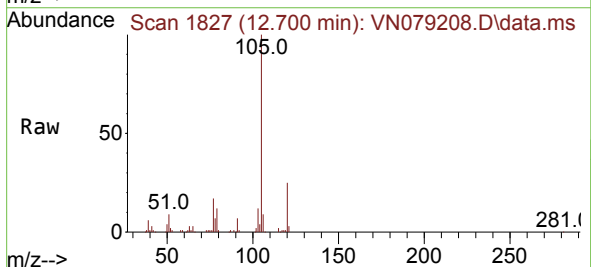
RT: 12.700 min Scan# 1827

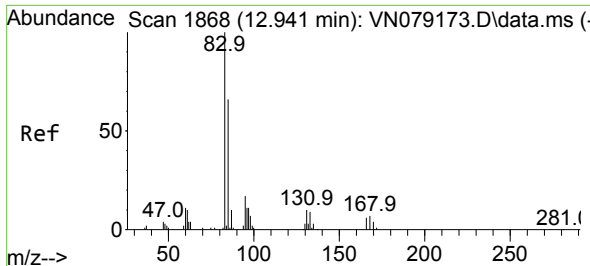
Delta R.T. -0.000 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Tgt Ion:105	Resp:	131551
Ion Ratio	Lower	Upper
105	100	
120	25.5	18.5 34.3

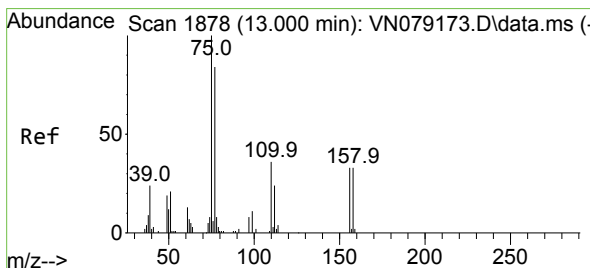
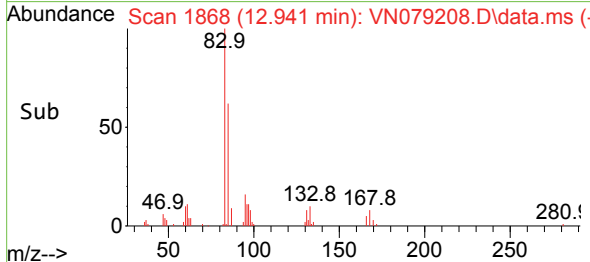
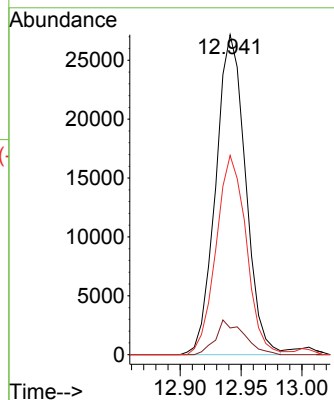
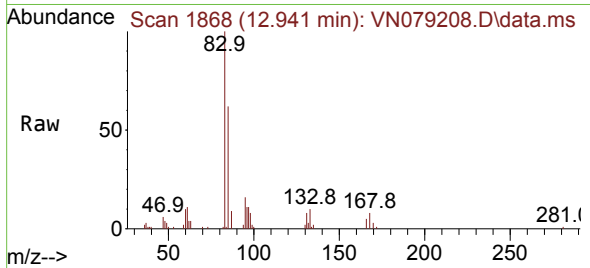




#71
1,1,2,2-Tetrachloroethane
Concen: 21.369 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

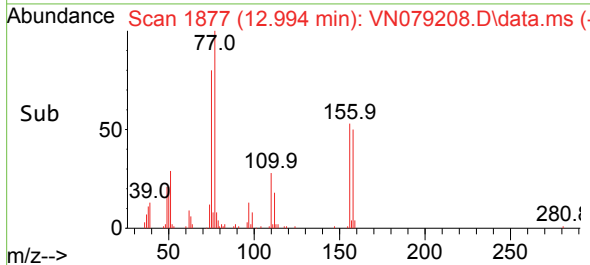
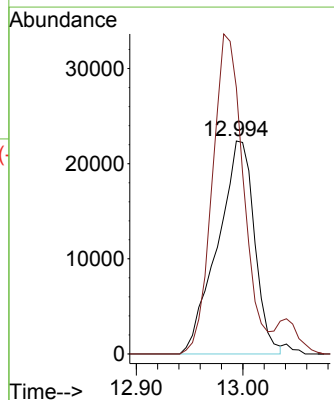
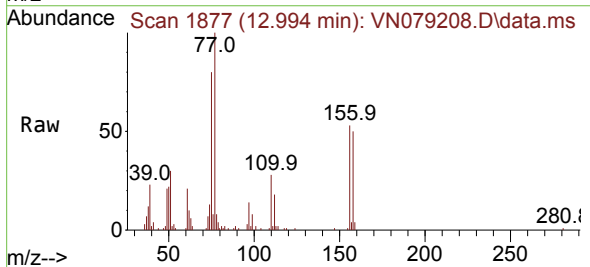
Instrument :
MSVOA_N
ClientSampleId :

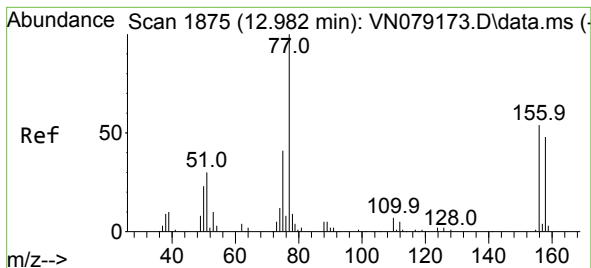
Tgt Ion: 83 Resp: 46312
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.6
85 63.0 33.1 99.3



#72
1,2,3-Trichloropropane
Concen: 29.481 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 75 Resp: 53759
Ion Ratio Lower Upper
75 100
77 126.1 0.0 252.2





#73

Bromobenzene

Concen: 22.945 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

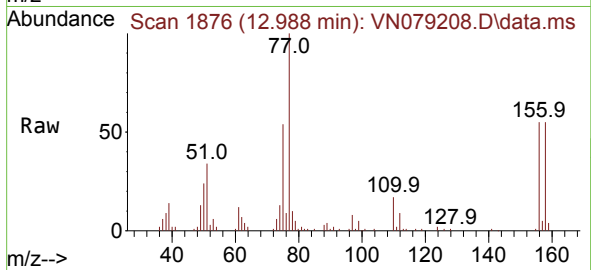
Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :



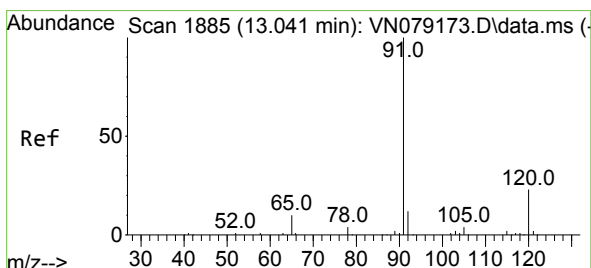
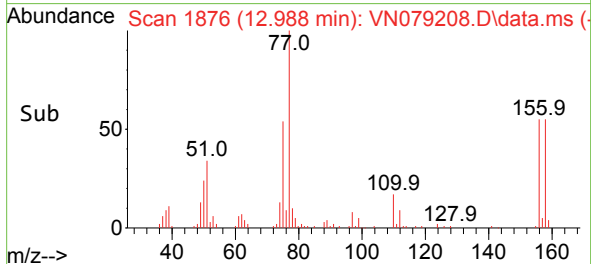
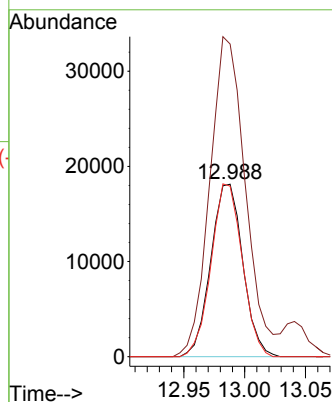
Tgt Ion:156 Resp: 33206

Ion Ratio Lower Upper

156 100

77 204.2 0.0 446.6

158 97.3 0.0 188.6



#74

n-propylbenzene

Concen: 23.779 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079208.D

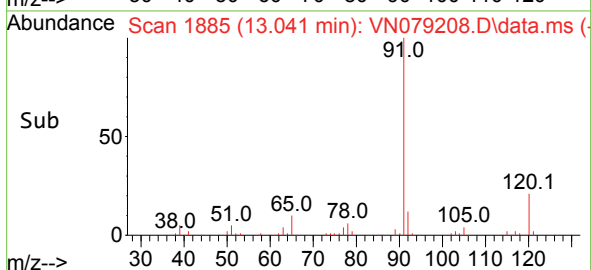
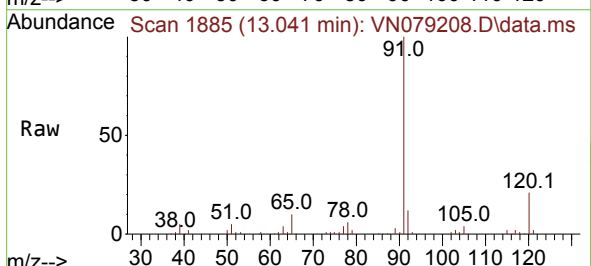
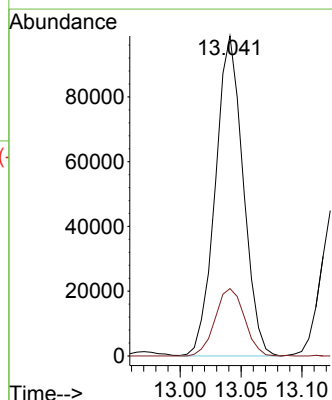
Acq: 11 Sep 2023 09:58

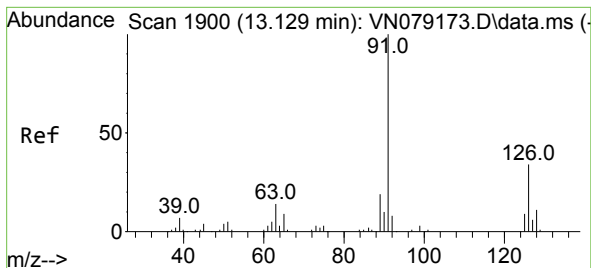
Tgt Ion: 91 Resp: 156968

Ion Ratio Lower Upper

91 100

120 22.1 0.0 44.0

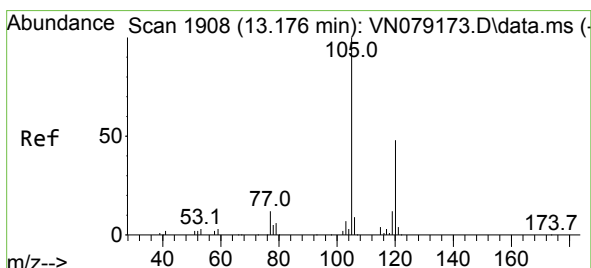
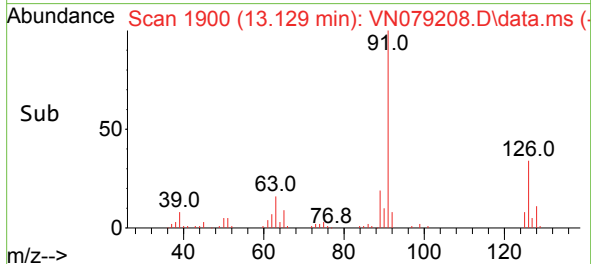
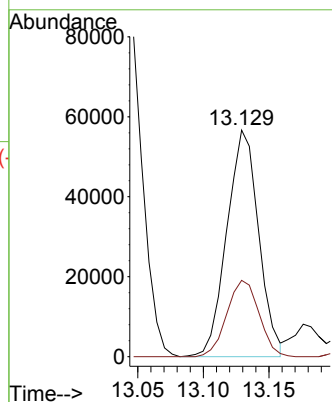
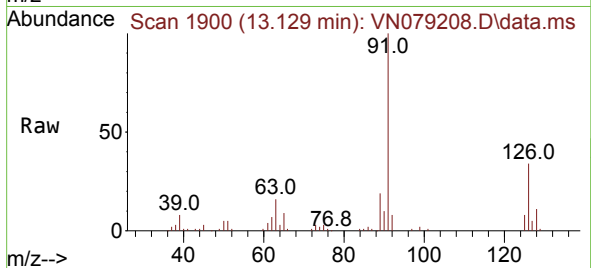




#75
2-Chlorotoluene
Concen: 22.607 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

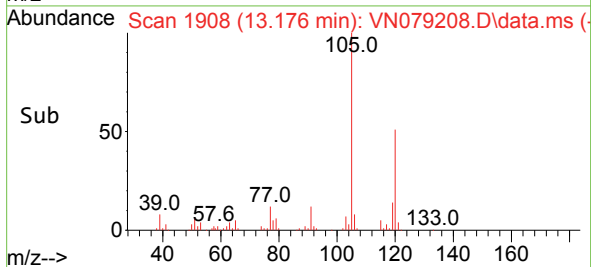
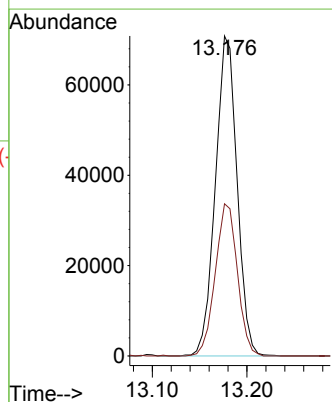
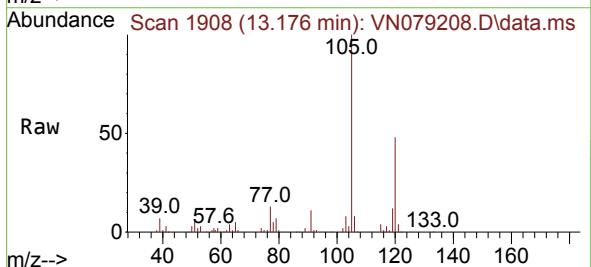
Instrument :
MSVOA_N
ClientSampleId :

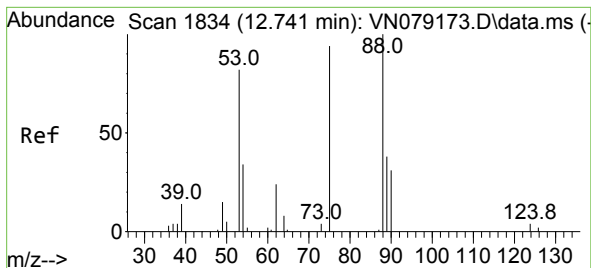
Tgt Ion: 91 Resp: 95686
Ion Ratio Lower Upper
91 100
126 34.1 0.0 65.4



#76
1,3,5-Trimethylbenzene
Concen: 23.577 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 105 Resp: 112943
Ion Ratio Lower Upper
105 100
120 48.5 0.0 95.6

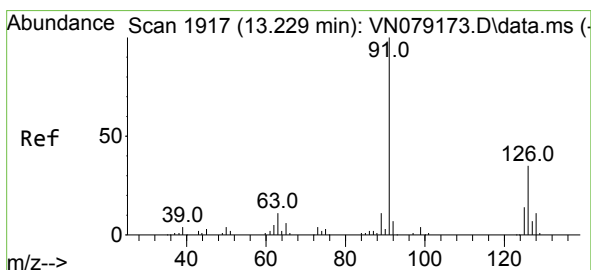
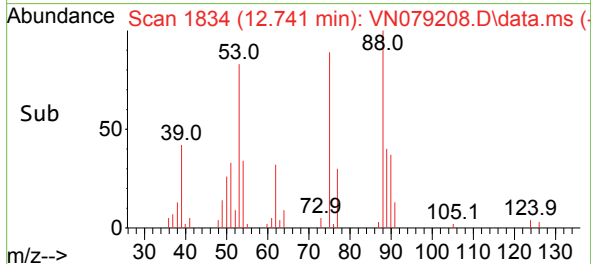
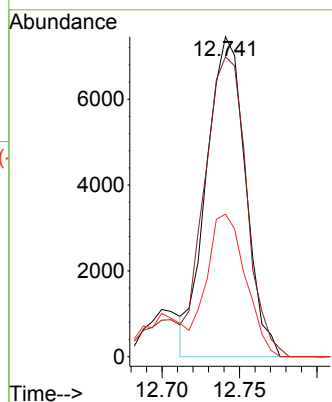
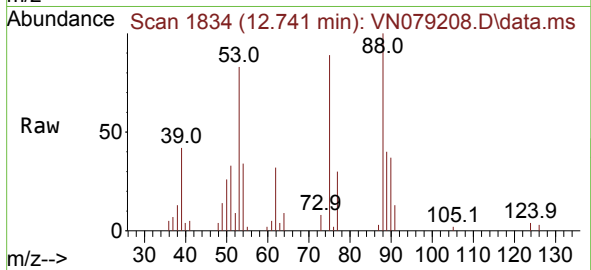




#77
t-1,4-Dichloro-2-butene
Concen: 20.325 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

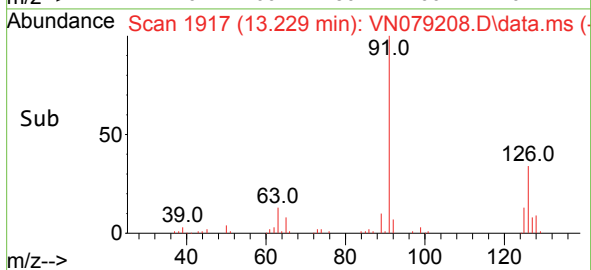
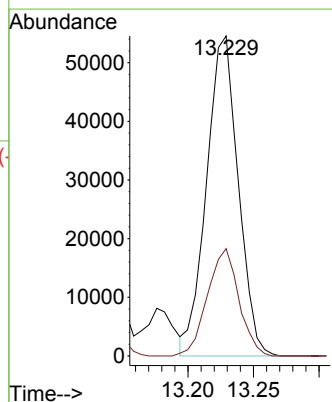
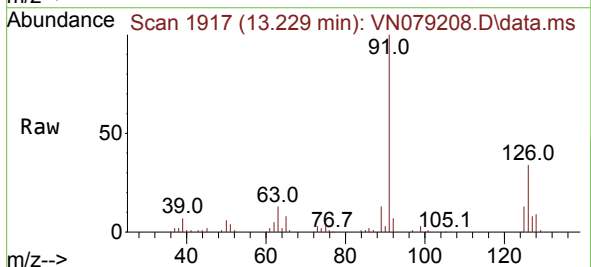
Instrument :
MSVOA_N
ClientSampleId :

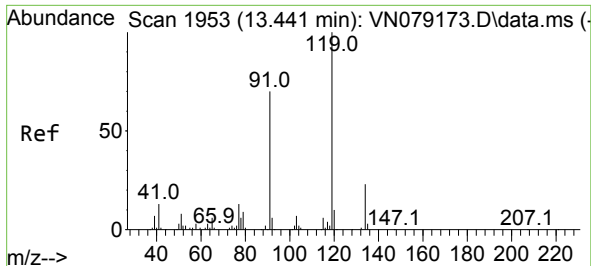
Tgt Ion: 75 Resp: 13049
Ion Ratio Lower Upper
75 100
53 91.3 44.1 132.4
89 44.5 22.4 67.3



#78
4-Chlorotoluene
Concen: 22.970 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion: 91 Resp: 91805
Ion Ratio Lower Upper
91 100
126 33.3 0.0 66.6

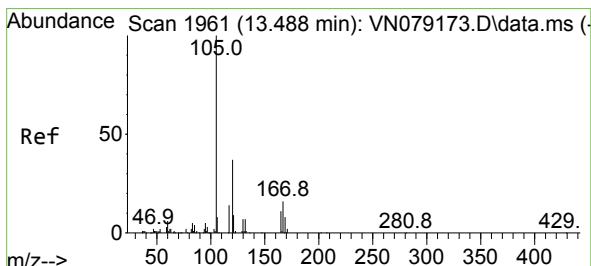
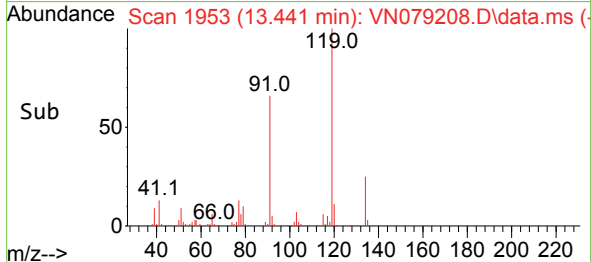
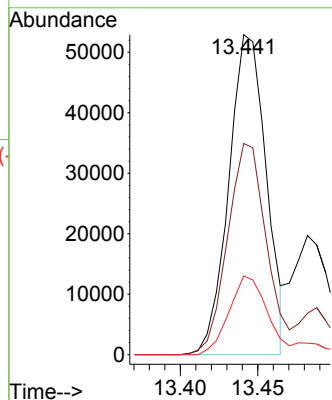
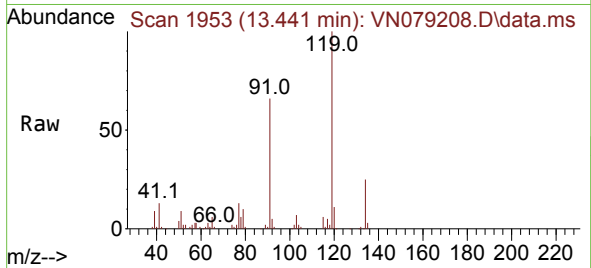




#79
tert-butylbenzene
Concen: 22.676 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

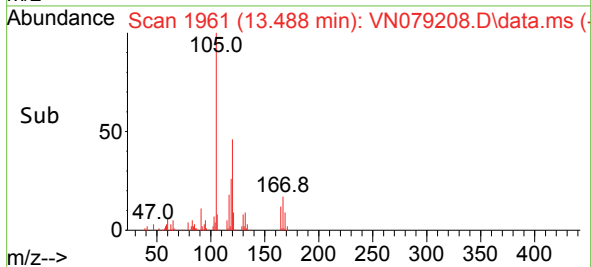
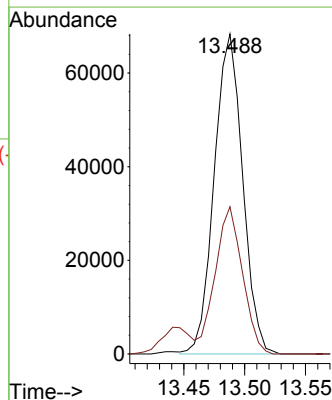
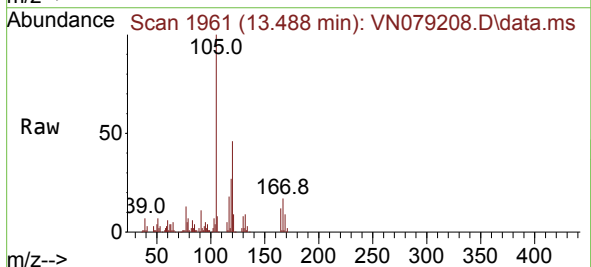
Instrument :
MSVOA_N
ClientSampleId :

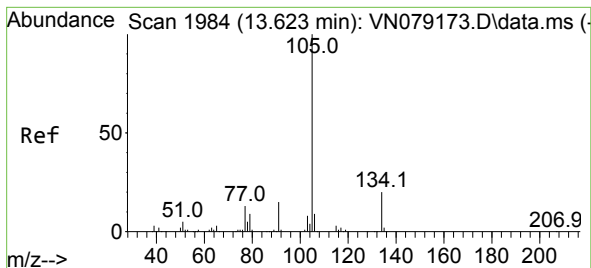
Tgt Ion:119 Resp: 89162
Ion Ratio Lower Upper
119 100
91 68.5 0.0 130.8
134 24.8 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 24.227 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

Tgt Ion:105 Resp: 110833
Ion Ratio Lower Upper
105 100
120 44.4 0.0 90.0





#81

sec-Butylbenzene

Concen: 23.699 ug/l

RT: 13.617 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

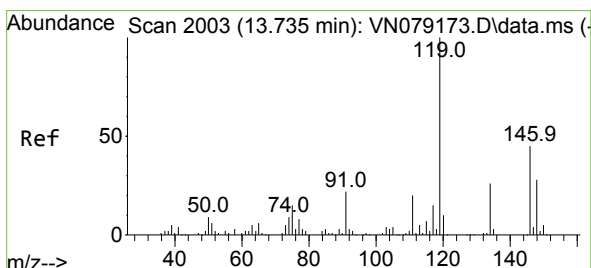
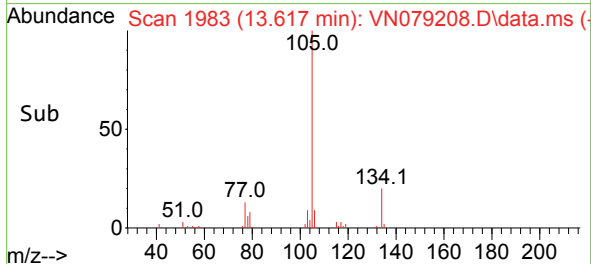
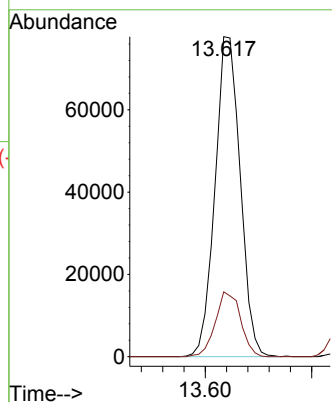
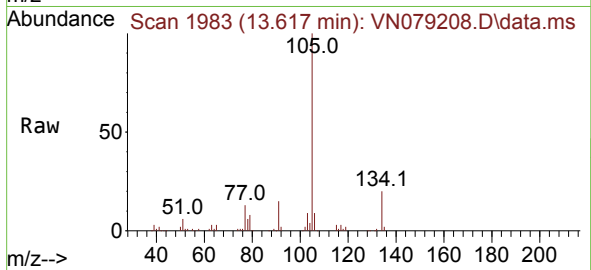
ClientSampleId :

Tgt Ion:105 Resp: 127497

Ion Ratio Lower Upper

105 100

134 20.3 0.0 38.6



#82

p-Isopropyltoluene

Concen: 24.838 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

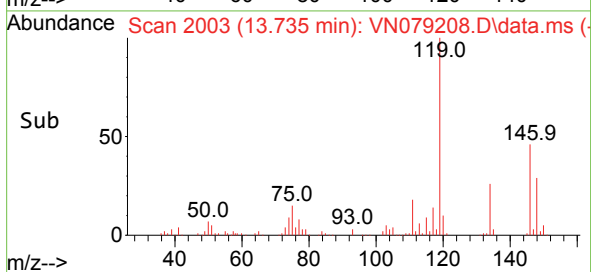
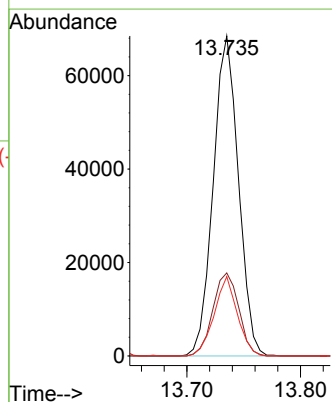
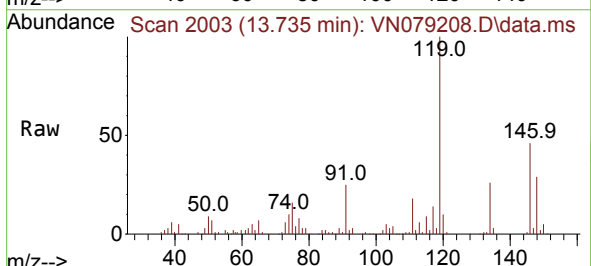
Tgt Ion:119 Resp: 105548

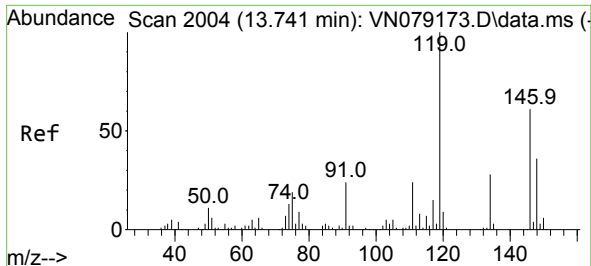
Ion Ratio Lower Upper

119 100

134 26.6 0.0 53.8

91 22.9 0.0 48.0

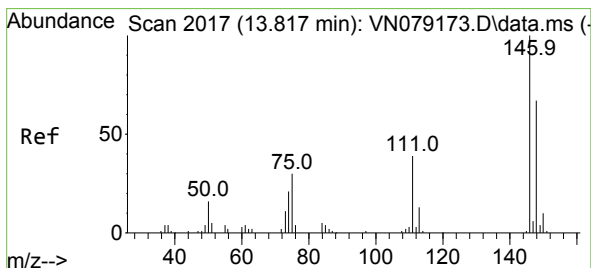
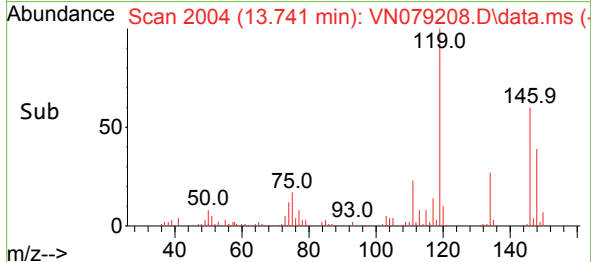
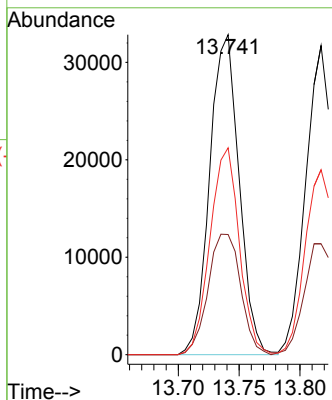
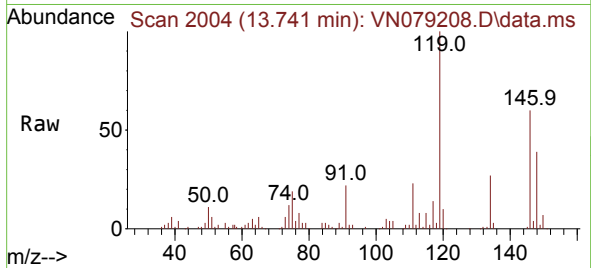




#83
 1,3-Dichlorobenzene
 Concen: 24.077 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN079208.D
 Acq: 11 Sep 2023 09:58

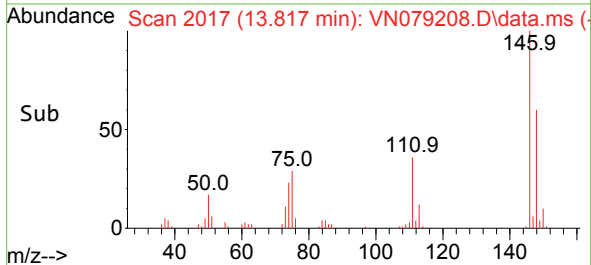
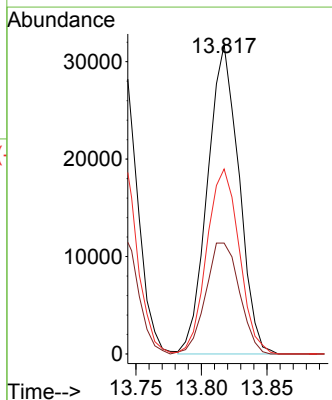
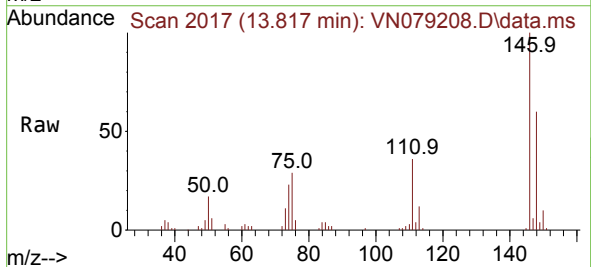
Instrument :
 MSVOA_N
 ClientSampleId :

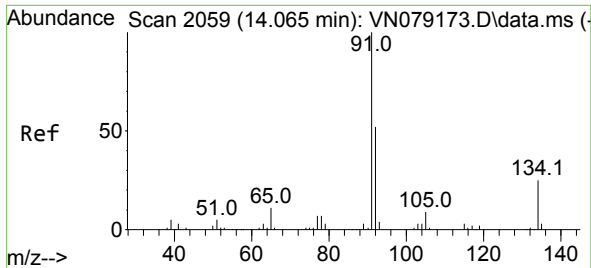
Tgt Ion:146 Resp: 55336
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.5 61.5
 148 64.3 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 24.530 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079208.D
 Acq: 11 Sep 2023 09:58

Tgt Ion:146 Resp: 52875
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.5 58.5
 148 61.8 32.1 96.5

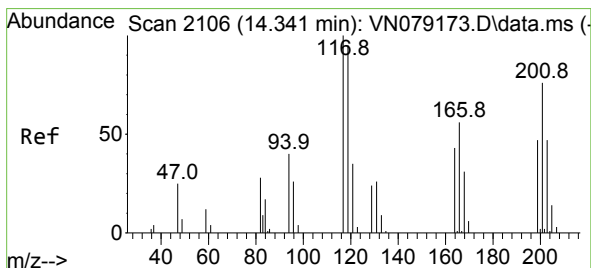
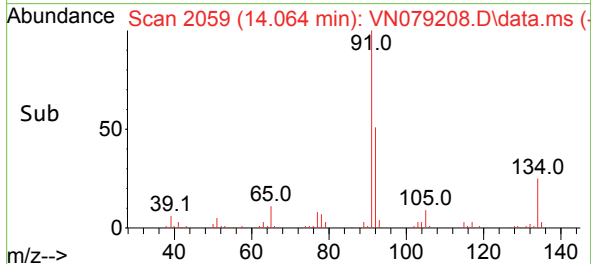
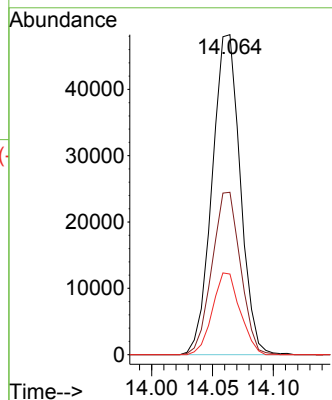
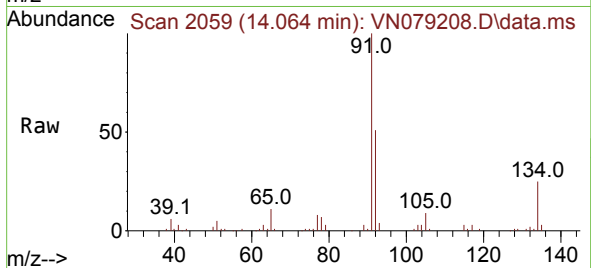




#85
n-Butylbenzene
Concen: 23.915 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. -0.001 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

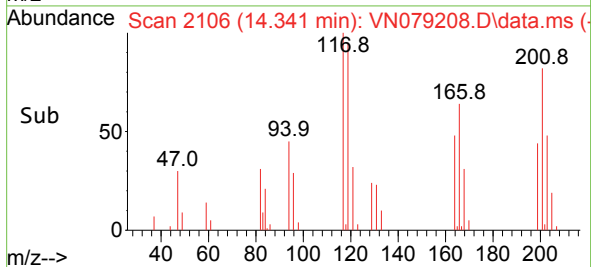
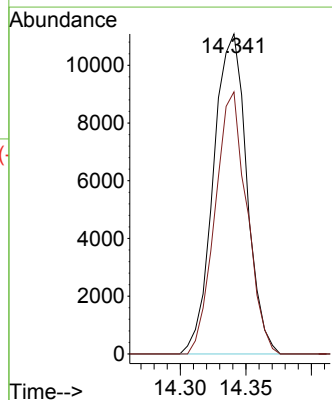
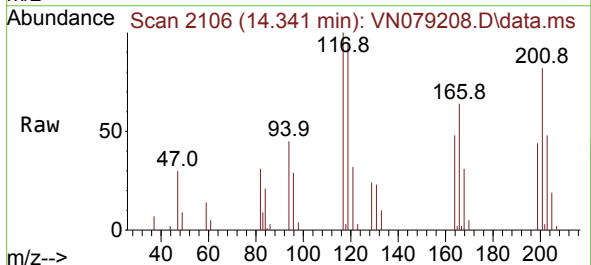
Instrument :
MSVOA_N
ClientSampleId :

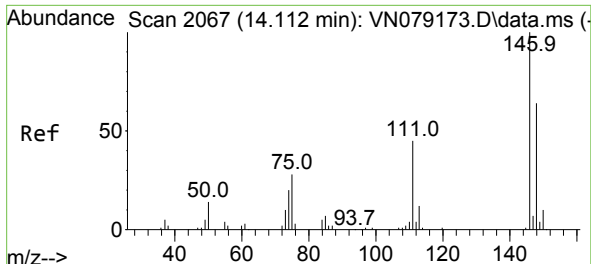
Tgt Ion: 91 Resp: 77403
Ion Ratio Lower Upper
91 100
92 51.4 0.0 105.0
134 25.1 0.0 49.6



#86
Hexachloroethane
Concen: 23.281 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

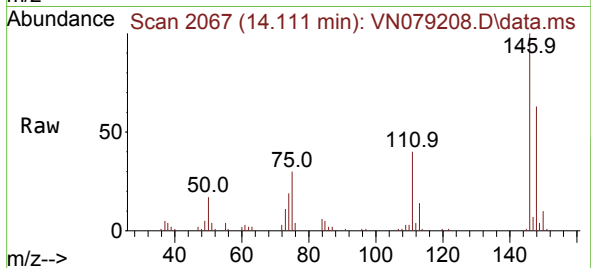
Tgt Ion: 117 Resp: 19588
Ion Ratio Lower Upper
117 100
201 78.0 37.2 111.6



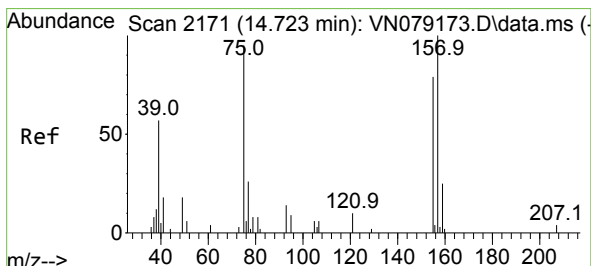
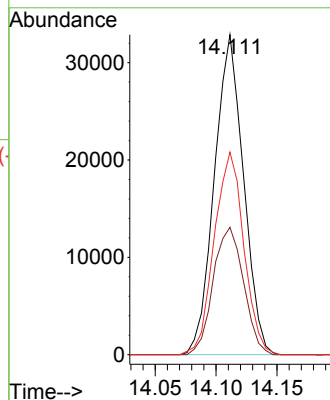
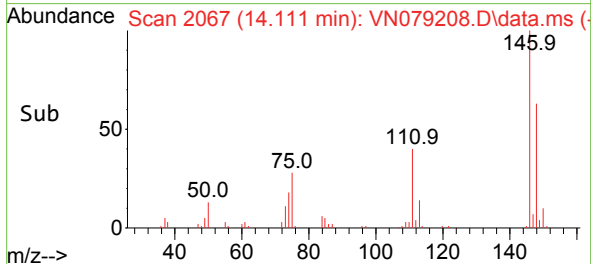


#87
1,2-Dichlorobenzene
Concen: 24.127 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58

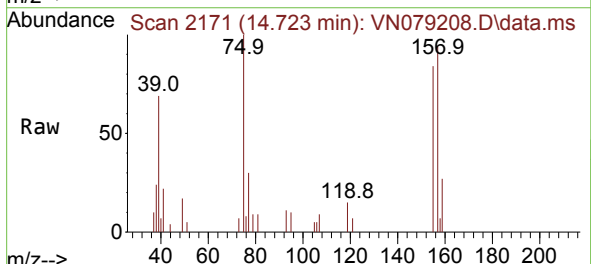
Instrument :
MSVOA_N
ClientSampleId :



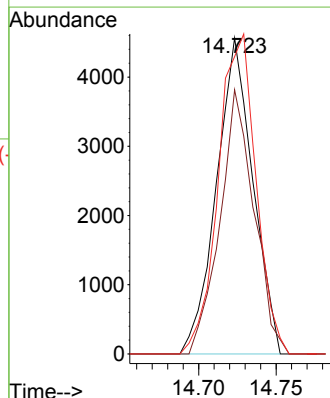
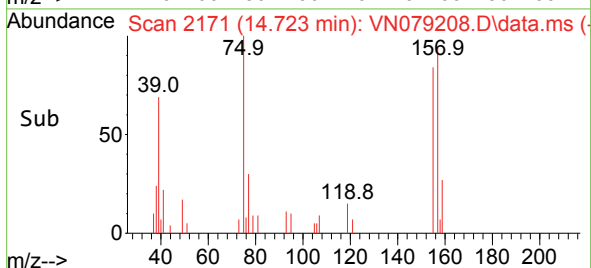
Tgt Ion:146 Resp: 54723
Ion Ratio Lower Upper
146 100
111 41.5 21.5 64.5
148 64.2 31.8 95.3

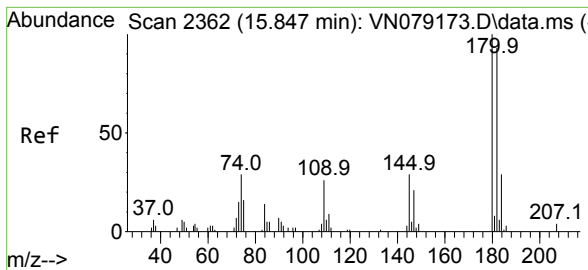


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.351 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079208.D
Acq: 11 Sep 2023 09:58



Tgt Ion: 75 Resp: 7455
Ion Ratio Lower Upper
75 100
155 78.4 68.1 102.1
157 104.5 83.9 125.9





#89

1,2,4-Trichlorobenzene

Concen: 20.750 ug/l

RT: 15.847 min Scan# 21

Delta R.T. -0.000 min

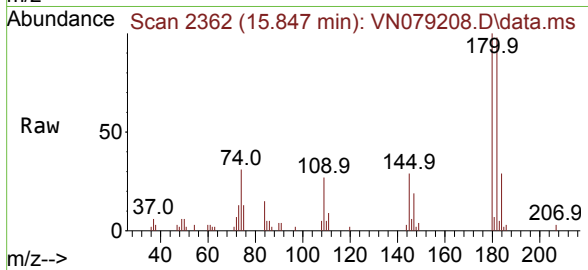
Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :



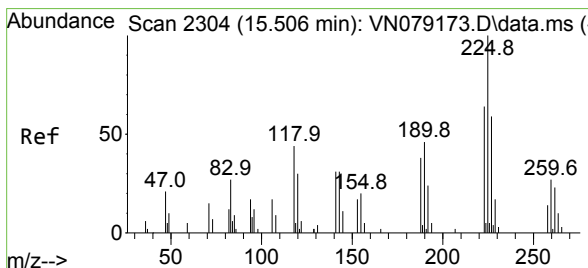
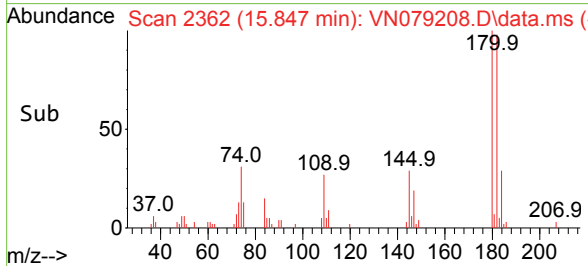
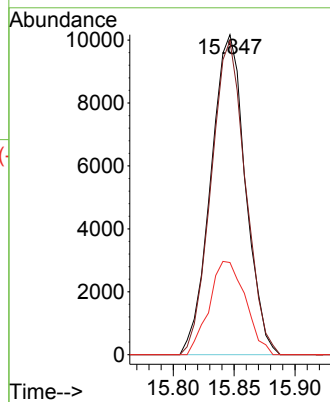
Tgt Ion:180 Resp: 20139

Ion Ratio Lower Upper

180 100

182 97.1 74.5 111.7

145 30.5 26.2 39.2



#90

Hexachlorobutadiene

Concen: 22.772 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

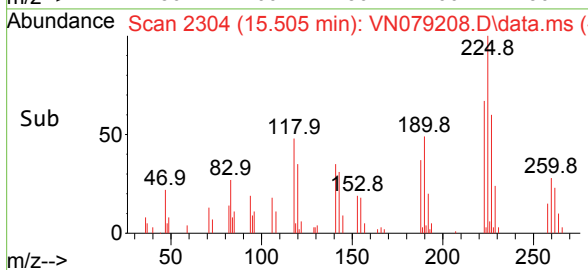
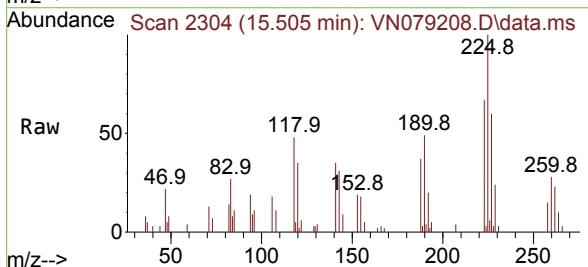
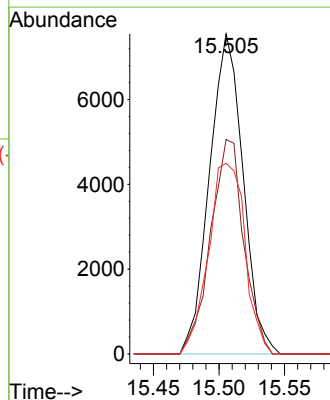
Tgt Ion:225 Resp: 13425

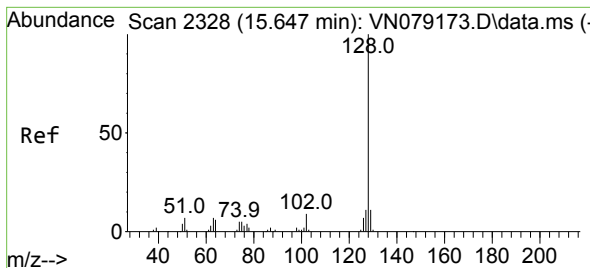
Ion Ratio Lower Upper

225 100

223 66.6 0.0 125.6

227 64.8 0.0 124.0





#91

Naphthalene

Concen: 16.507 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079208.D

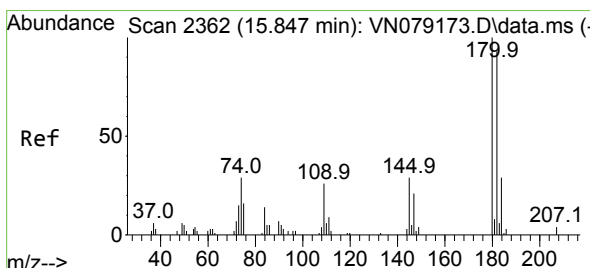
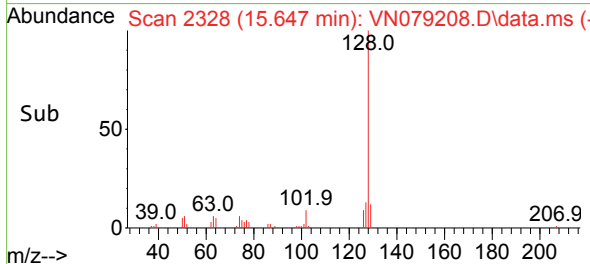
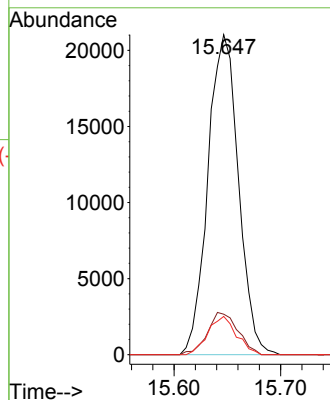
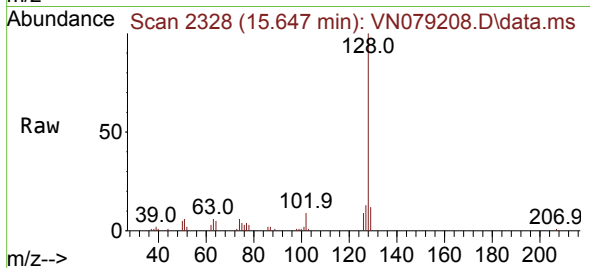
Acq: 11 Sep 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	41866
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	11.2	8.5	12.7



#92

1,2,3-Trichlorobenzene

Concen: 20.750 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079208.D

Acq: 11 Sep 2023 09:58

Tgt Ion:	180	Resp:	20139
Ion	Ratio	Lower	Upper
180	100		
182	97.1	0.0	186.2
145	30.5	0.0	65.4

