

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079893.D
 Acq On : 04 Nov 2023 15:18
 Operator : JC\MD
 Sample : VN1104WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 02:14:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	292467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	467138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206414	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	253593	56.913	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.820%	
35) Dibromofluoromethane	8.165	113	192838	53.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.180%	
50) Toluene-d8	10.570	98	718164	53.711	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.420%	
62) 4-Bromofluorobenzene	12.853	95	234834	52.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	71280	20.234	ug/l	99
3) Chloromethane	2.359	50	82373	17.931	ug/l	100
4) Vinyl Chloride	2.512	62	99294	21.532	ug/l	95
5) Bromomethane	2.959	94	55353	19.756	ug/l	92
6) Chloroethane	3.124	64	66484	18.246	ug/l	99
7) Trichlorofluoromethane	3.500	101	112180	19.559	ug/l	98
8) Diethyl Ether	3.959	74	41221	18.939	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	64980	19.544	ug/l	99
10) Methyl Iodide	4.594	142	69920	18.415	ug/l	98
11) Tert butyl alcohol	5.518	59	48778	85.755	ug/l	99
12) 1,1-Dichloroethene	4.347	96	59138	18.785	ug/l	85
13) Acrolein	4.177	56	41834	83.799	ug/l	93
14) Allyl chloride	5.030	41	105242	21.827	ug/l #	90
15) Acrylonitrile	5.724	53	184789	104.248	ug/l	99
16) Acetone	4.430	43	168637	107.745	ug/l	91
17) Carbon Disulfide	4.718	76	161442	17.779	ug/l	97
18) Methyl Acetate	5.030	43	158969	21.229	ug/l #	83
19) Methyl tert-butyl Ether	5.806	73	213230	19.674	ug/l	98
20) Methylene Chloride	5.277	84	76286	19.316	ug/l #	87
21) trans-1,2-Dichloroethene	5.788	96	66783	19.021	ug/l #	81
22) Diisopropyl ether	6.677	45	243600	21.801	ug/l #	89
23) Vinyl Acetate	6.606	43	588512	95.483	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	142819	21.029	ug/l	97
25) 2-Butanone	7.488	43	243986	106.454	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	108586	19.332	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	83426	19.864	ug/l	85
28) Bromochloromethane	7.812	49	73538	22.218	ug/l #	73
29) Tetrahydrofuran	7.847	42	152358	102.174	ug/l #	76
30) Chloroform	7.965	83	149200	20.225	ug/l	87
31) Cyclohexane	8.259	56	114459	19.439	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	122866	20.440	ug/l	94
36) 1,1-Dichloropropene	8.377	75	103972	20.049	ug/l	95
37) Ethyl Acetate	7.565	43	103017	21.660	ug/l #	90
38) Carbon Tetrachloride	8.365	117	104663	20.025	ug/l	100
39) Methylcyclohexane	9.606	83	93811	19.222	ug/l #	85
40) Benzene	8.612	78	316199	20.357	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	52904	20.947	ug/l #	86
42) 1,2-Dichloroethane	8.676	62	120532	22.215	ug/l	96
43) Isopropyl Acetate	8.694	43	163536	19.607	ug/l #	91
44) Trichloroethene	9.359	130	76374	19.815	ug/l	94
45) 1,2-Dichloropropane	9.623	63	86357	21.755	ug/l	98
46) Dibromomethane	9.712	93	54565	20.132	ug/l	92
47) Bromodichloromethane	9.894	83	116614	20.174	ug/l	98
48) Methyl methacrylate	9.682	41	78801	21.569	ug/l #	79
49) 1,4-Dioxane	9.694	88	24511	379.690	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	511658	108.960	ug/l	89
52) Toluene	10.635	92	185367	20.130	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	116618	20.580	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	123565	20.005	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	77087	20.813	ug/l	95
56) Ethyl methacrylate	10.876	69	103851	19.657	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	136103	20.847	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	253244	94.576	ug/l	89
59) 2-Hexanone	11.200	43	367811	102.388	ug/l	85
60) Dibromochloromethane	11.359	129	80232	20.237	ug/l	100
61) 1,2-Dibromoethane	11.470	107	74842	20.132	ug/l	98
64) Tetrachloroethene	11.106	164	70210	23.207	ug/l	99
65) Chlorobenzene	11.894	112	197718	19.512	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	74123	20.303	ug/l	97
67) Ethyl Benzene	11.965	91	341160	19.324	ug/l	98
68) m/p-Xylenes	12.076	106	255619	38.868	ug/l	94
69) o-Xylene	12.400	106	119848	18.925	ug/l	92
70) Styrene	12.417	104	201463	19.795	ug/l	97
71) Bromoform	12.582	173	52794	20.365	ug/l #	99
73) Isopropylbenzene	12.700	105	302020	19.279	ug/l	100
74) N-amyl acetate	12.494	43	122508	17.916	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	108753	19.580	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	136983	28.267	ug/l	71
77) Bromobenzene	12.982	156	77575	20.226	ug/l	94
78) n-propylbenzene	13.035	91	361970	20.177	ug/l	97
79) 2-Chlorotoluene	13.129	91	229513	20.027	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	250412	20.545	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	31909	17.915	ug/l #	75
82) 4-Chlorotoluene	13.223	91	232362	20.404	ug/l	98
83) tert-Butylbenzene	13.441	119	200873	20.134	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	251072	20.937	ug/l	99
85) sec-Butylbenzene	13.623	105	278803	20.170	ug/l	99
86) p-Isopropyltoluene	13.735	119	224595	19.930	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	138421	19.401	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	136525	18.852	ug/l	98
89) n-Butylbenzene	14.059	91	182692	18.822	ug/l	98
90) Hexachloroethane	14.341	117	43043	19.286	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	131796	19.568	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18091	19.207	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	59209	18.488	ug/l	99
94) Hexachlorobutadiene	15.500	225	28229	19.444	ug/l	99
95) Naphthalene	15.647	128	174563	16.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	59613	18.989	ug/l	99

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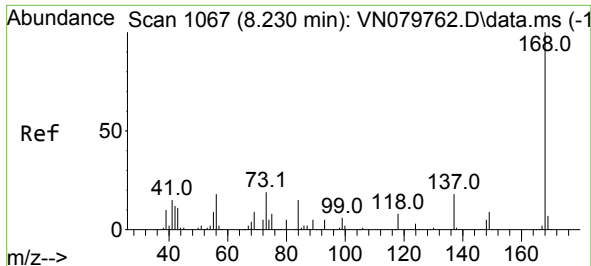
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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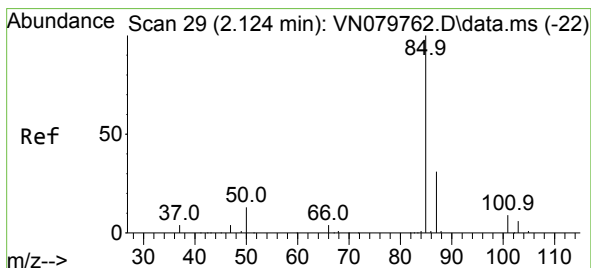
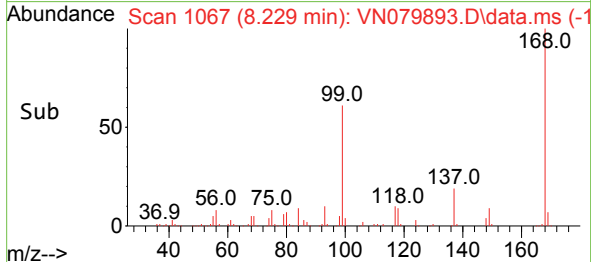
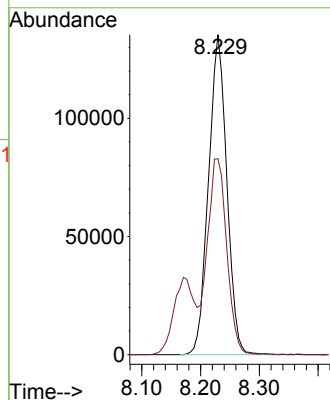
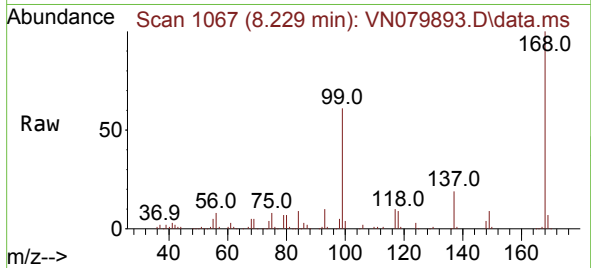




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.000 min
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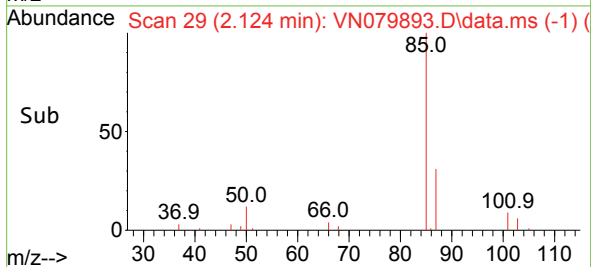
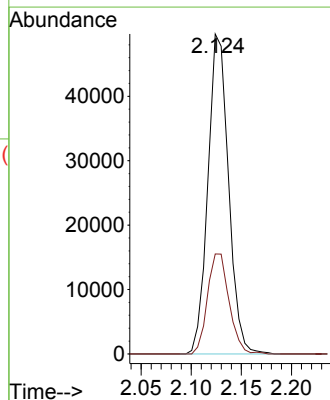
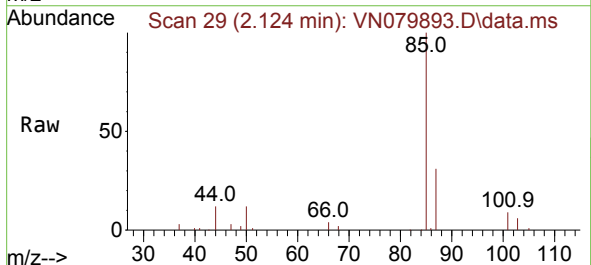
Instrument :
MSVOA_N
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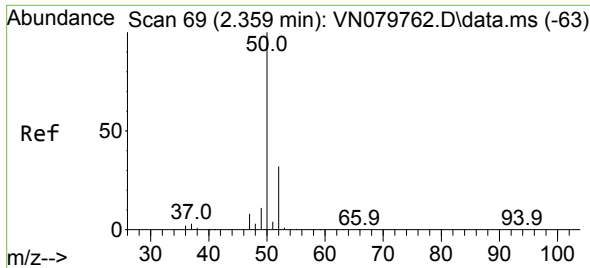
Tgt Ion:168 Resp: 292467
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 20.234 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 85 Resp: 71280
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4

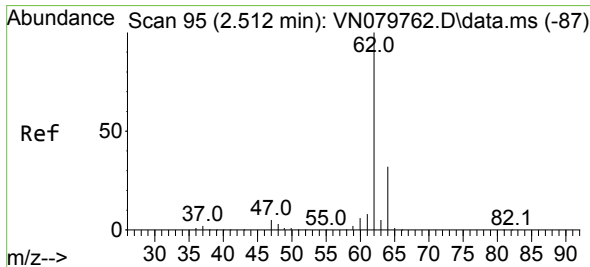
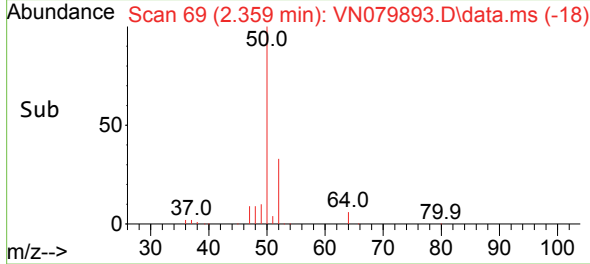
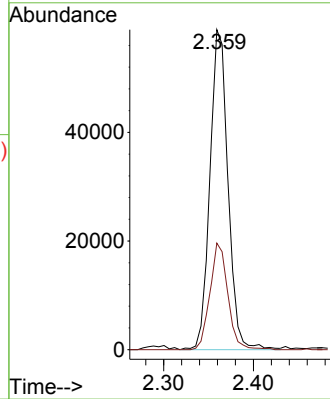
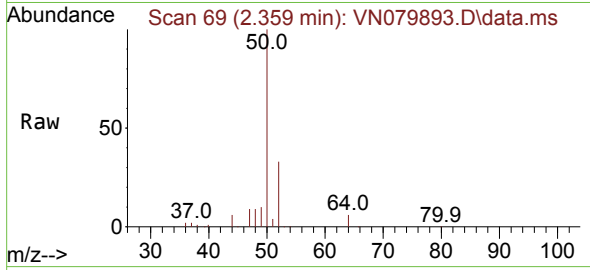




#3
Chloromethane
Concen: 17.931 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079893.D
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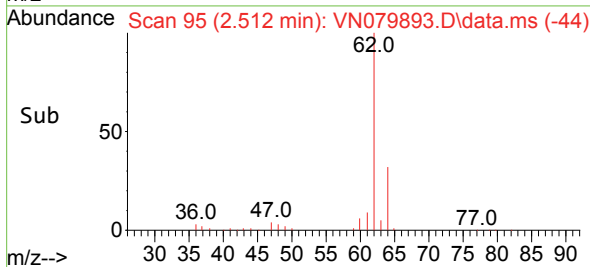
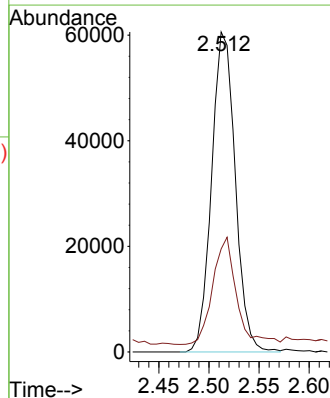
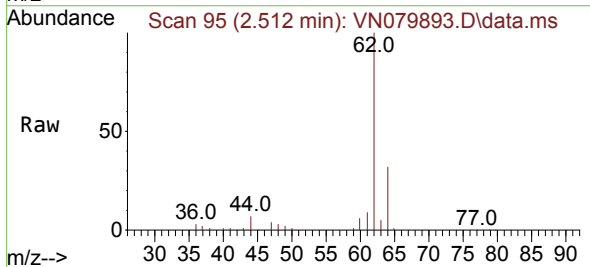
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 82373
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7



#4
Vinyl Chloride
Concen: 21.532 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 62 Resp: 99294
Ion Ratio Lower Upper
62 100
64 29.9 26.2 39.2

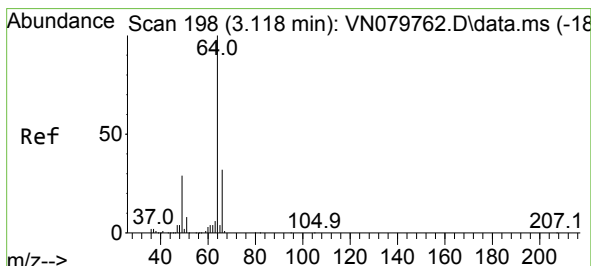
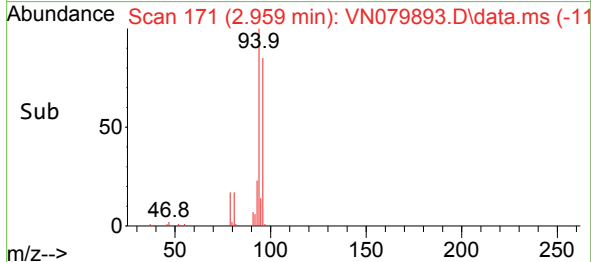
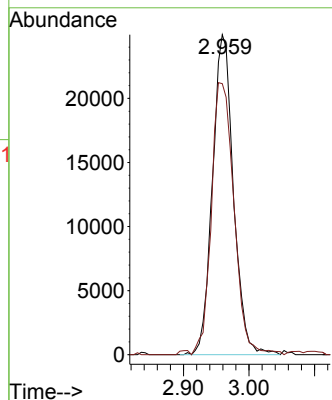
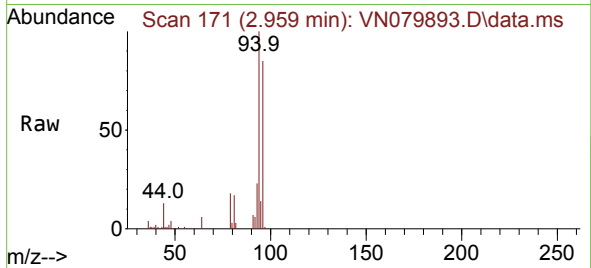




#5
Bromomethane
Concen: 19.756 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

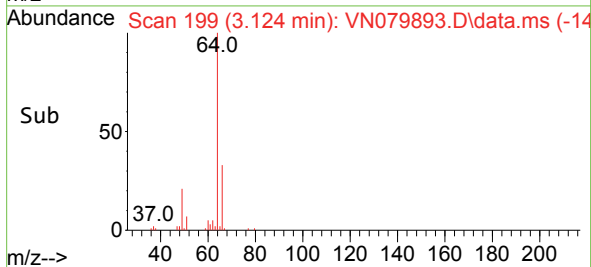
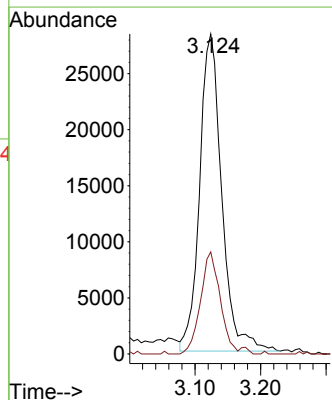
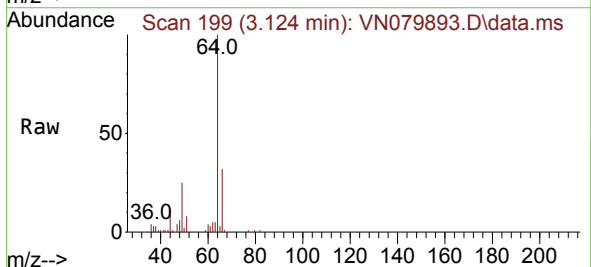
Instrument :
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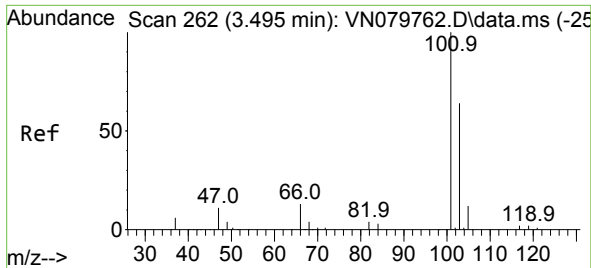
Tgt Ion: 94 Resp: 55353
Ion Ratio Lower Upper
94 100
96 83.7 73.1 109.7



#6
Chloroethane
Concen: 18.246 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 64 Resp: 66484
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

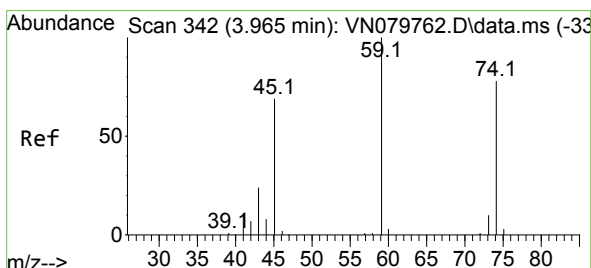
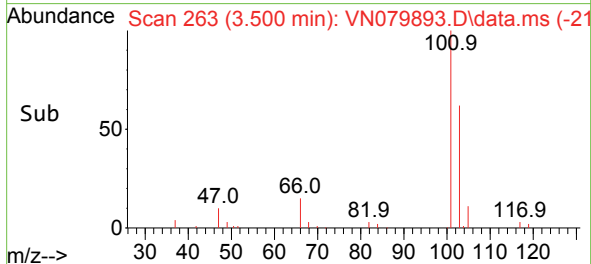
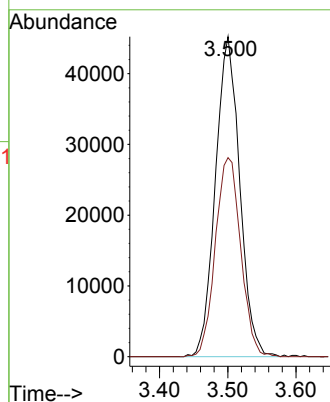
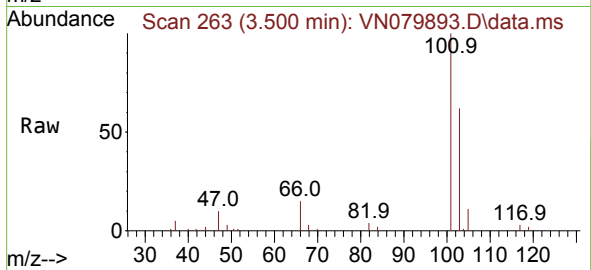




#7
Trichlorofluoromethane
Concen: 19.559 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079893.D
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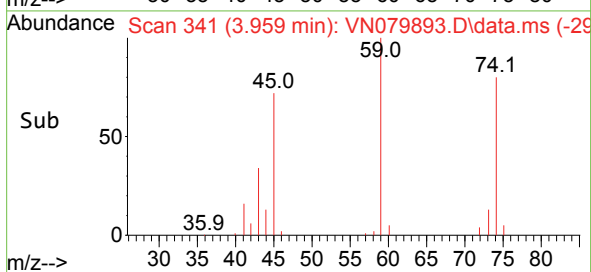
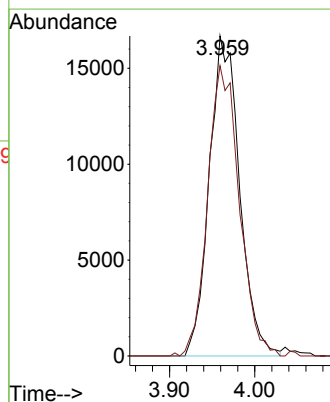
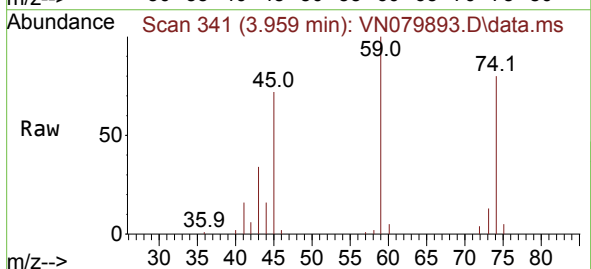
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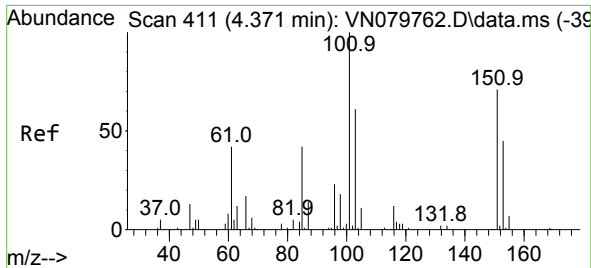
Tgt Ion:101 Resp: 112180
Ion Ratio Lower Upper
101 100
103 62.2 50.7 76.1



#8
Diethyl Ether
Concen: 18.939 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 74 Resp: 41221
Ion Ratio Lower Upper
74 100
45 94.5 34.4 103.3

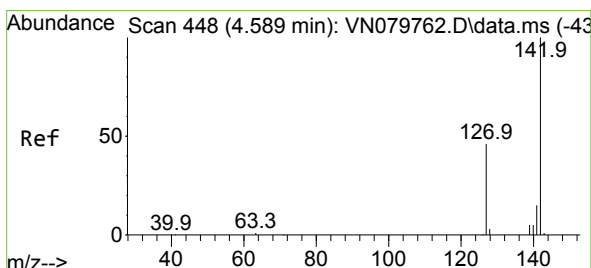
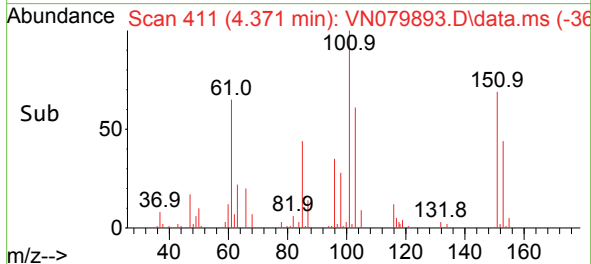
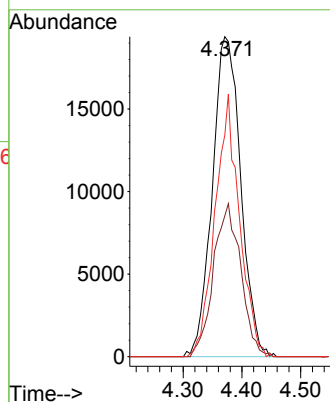
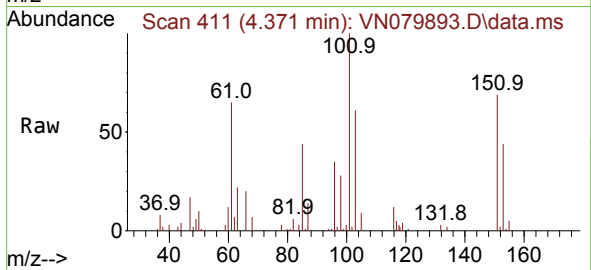




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.544 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079893.D
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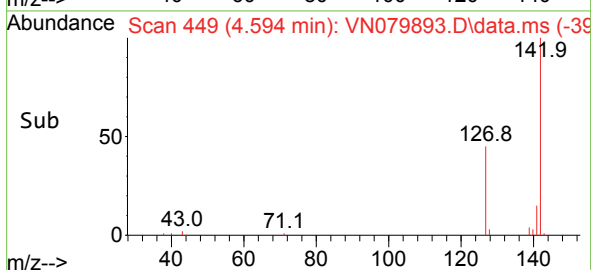
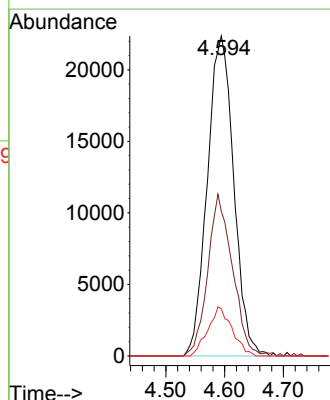
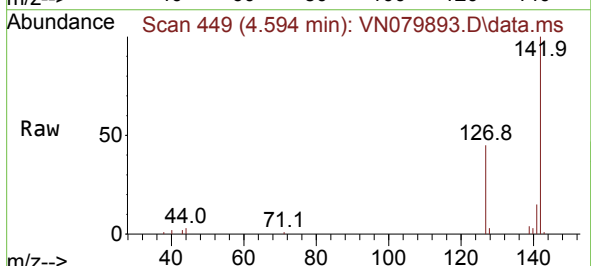
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MSVOA_N
ClientSampleId :

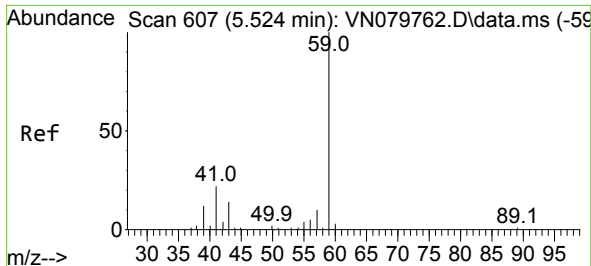
Tgt Ion:101 Resp: 64980
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 70.4 57.6 86.4



#10
Methyl Iodide
Concen: 18.415 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion:142 Resp: 69920
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 14.8 11.4 17.0

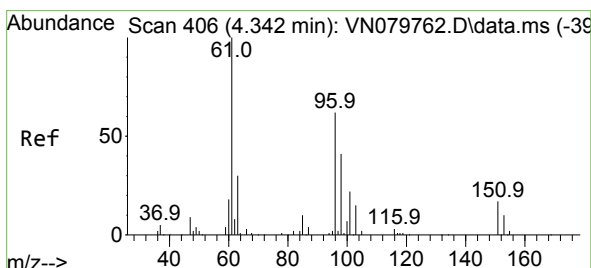
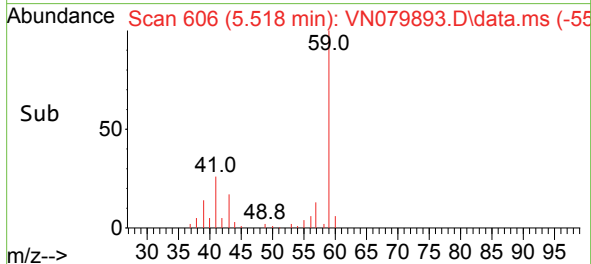
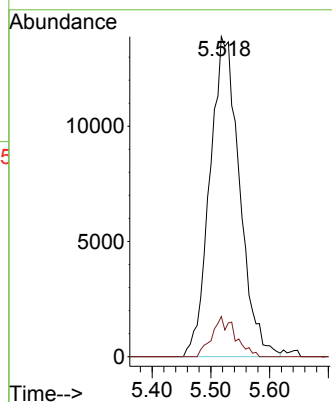
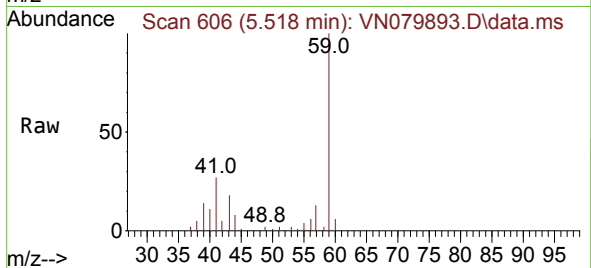




#11
Tert butyl alcohol
Concen: 85.755 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

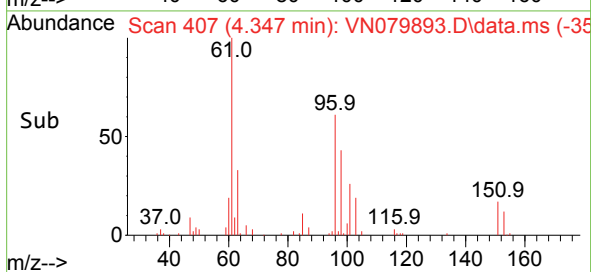
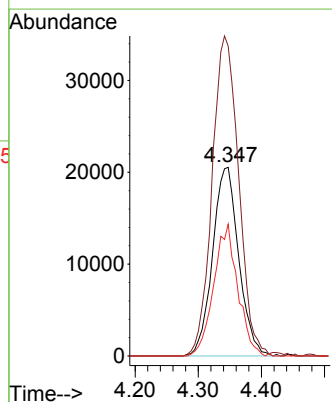
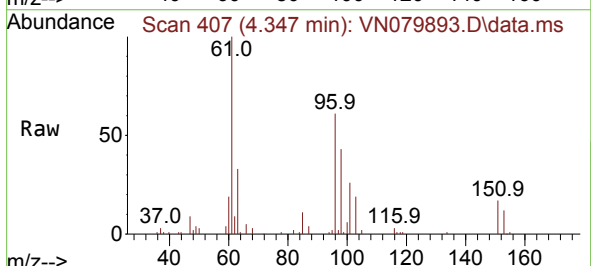
Instrument :
MSVOA_N
ClientSampleId :

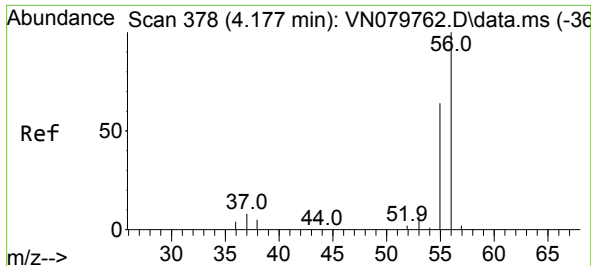
Tgt Ion: 59 Resp: 48778
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.785 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 96 Resp: 59138
Ion Ratio Lower Upper
96 100
61 164.2 112.7 169.1
98 69.9 51.2 76.8





#13

Acrolein

Concen: 83.799 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

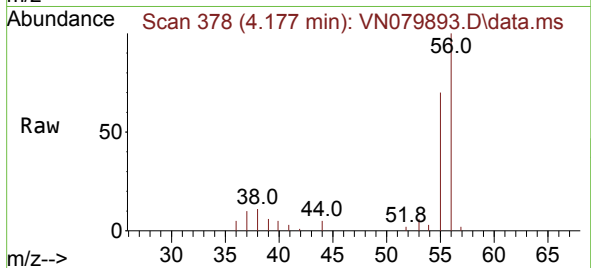
Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

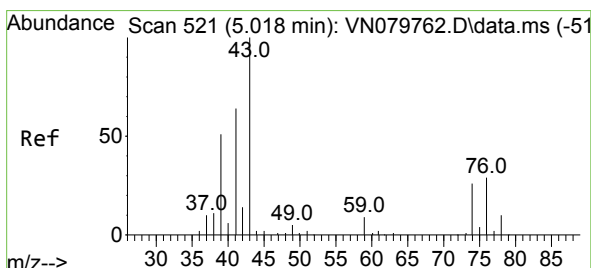
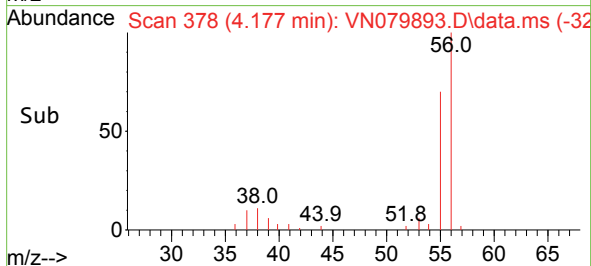
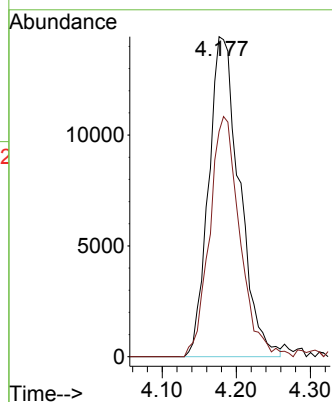


Tgt Ion: 56 Resp: 41834

Ion Ratio Lower Upper

56 100

55 73.4 54.5 81.7



#14

Allyl chloride

Concen: 21.827 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

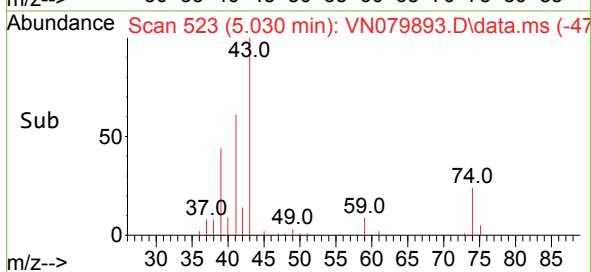
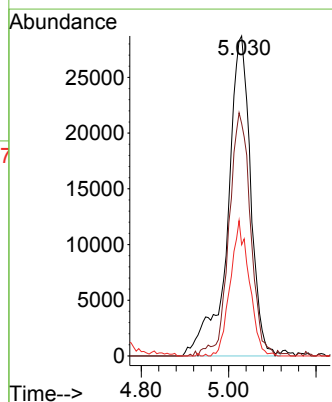
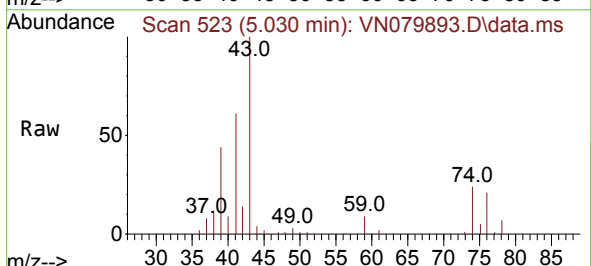
Tgt Ion: 41 Resp: 105242

Ion Ratio Lower Upper

41 100

39 70.9 58.8 88.2

76 34.9 39.1 58.7#

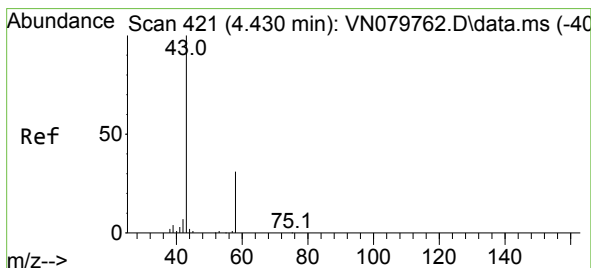
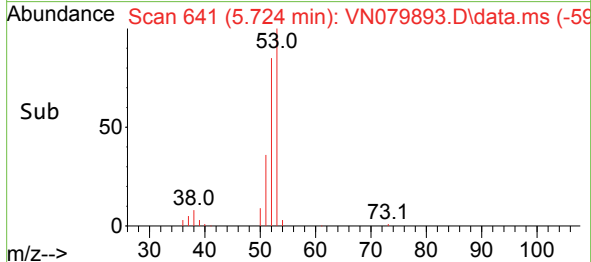
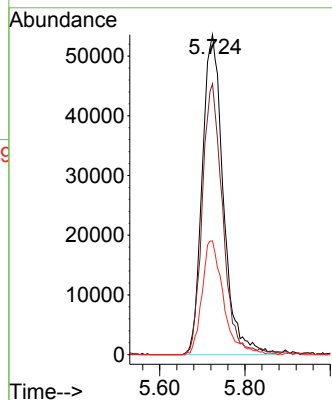
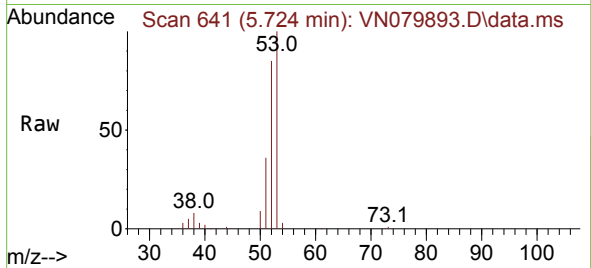




#15
Acrylonitrile
Concen: 104.248 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

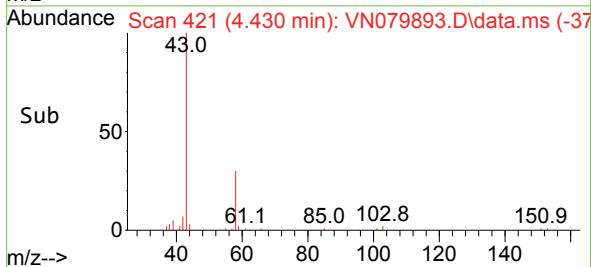
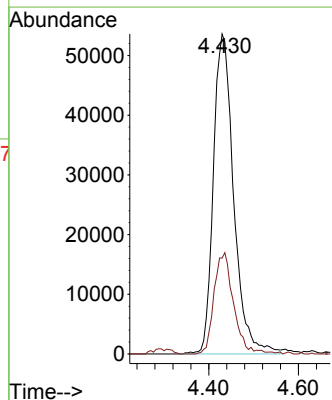
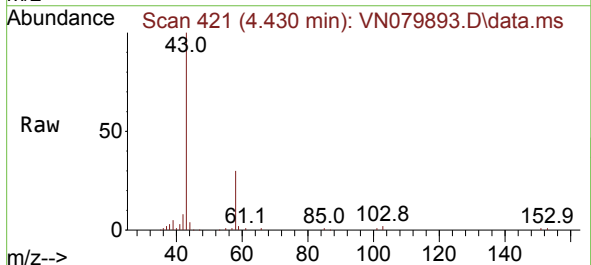
Instrument :
MSVOA_N
ClientSampleId :

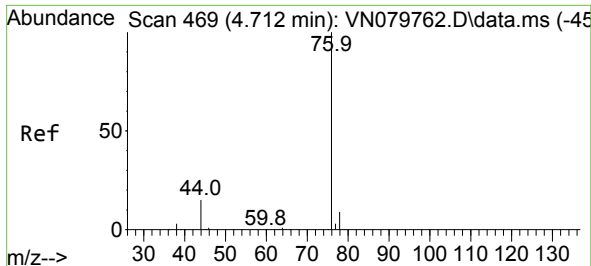
Tgt Ion: 53 Resp: 184789
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 36.1 28.9 43.3



#16
Acetone
Concen: 107.745 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 43 Resp: 168637
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0

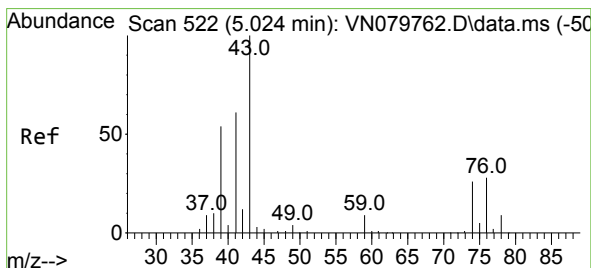
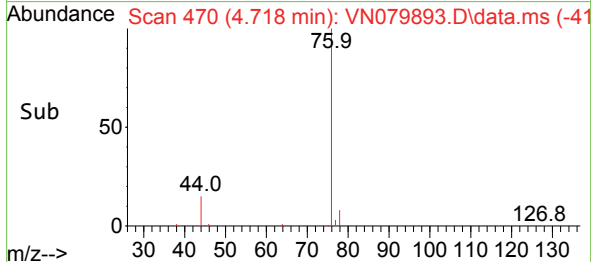
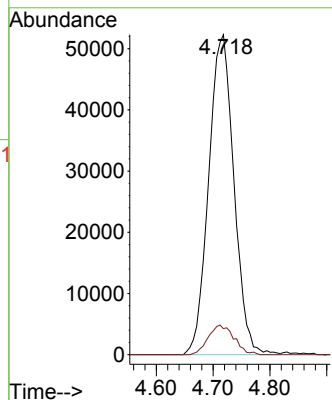
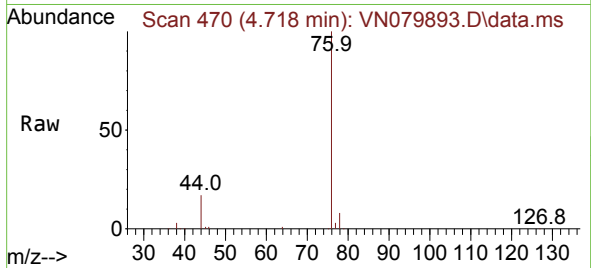




#17
Carbon Disulfide
Concen: 17.779 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

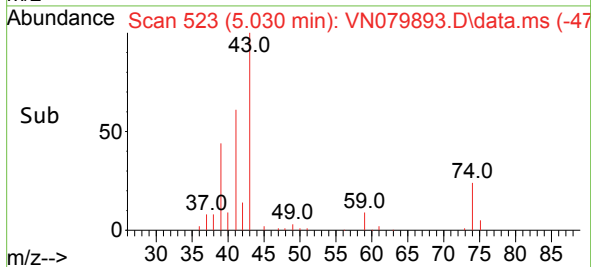
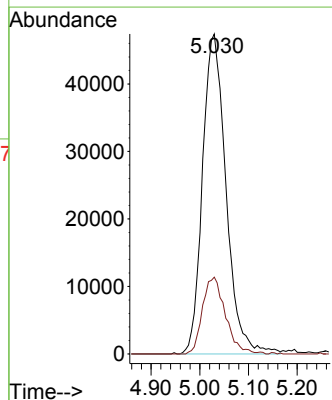
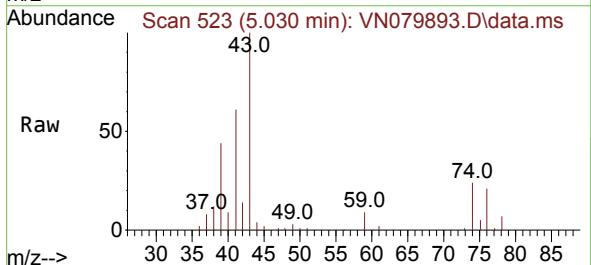
Instrument :
MSVOA_N
ClientSampleId :

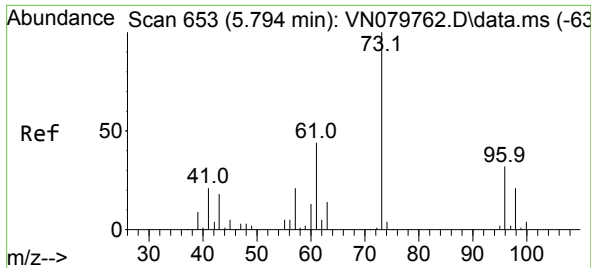
Tgt Ion: 76 Resp: 161442
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 21.229 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 43 Resp: 158969
Ion Ratio Lower Upper
43 100
74 23.4 26.2 39.4#

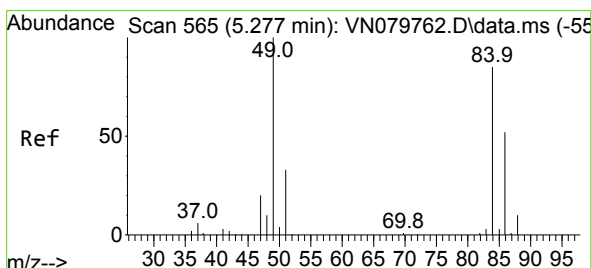
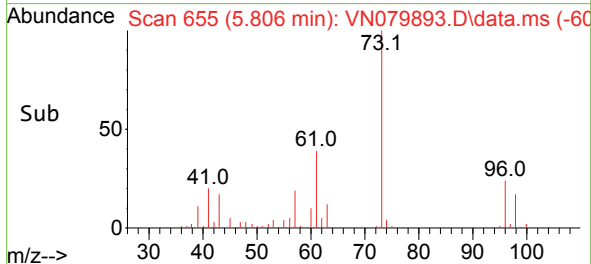
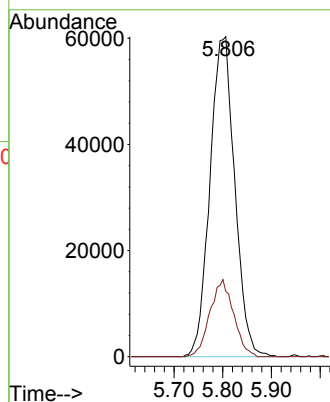
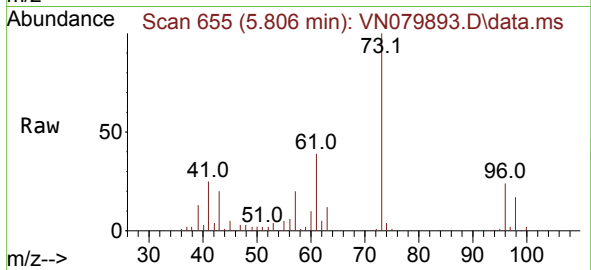




#19
Methyl tert-butyl Ether
Concen: 19.674 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

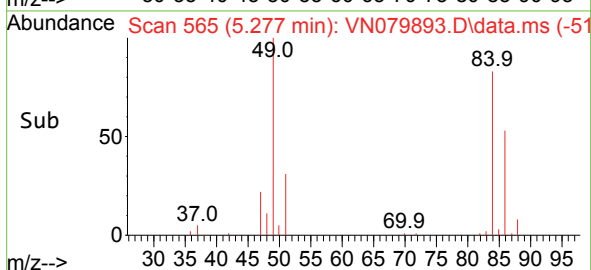
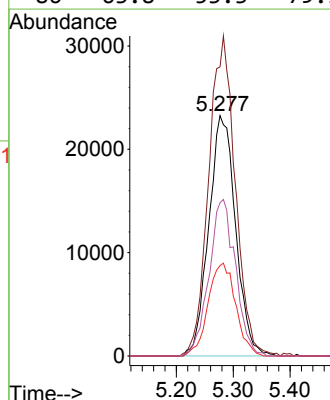
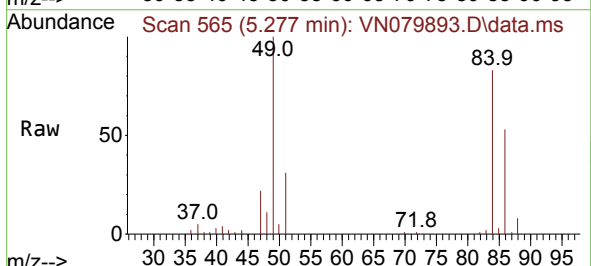
Instrument :
MSVOA_N
ClientSampleId :

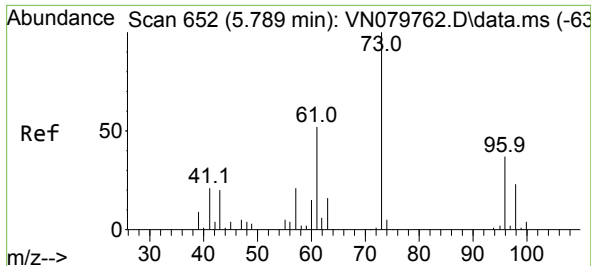
Tgt Ion: 73 Resp: 213230
Ion Ratio Lower Upper
73 100
57 20.4 15.6 23.4



#20
Methylene Chloride
Concen: 19.316 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 84 Resp: 76286
Ion Ratio Lower Upper
84 100
49 120.3 79.7 119.5#
51 37.6 25.2 37.8
86 63.8 53.3 79.9

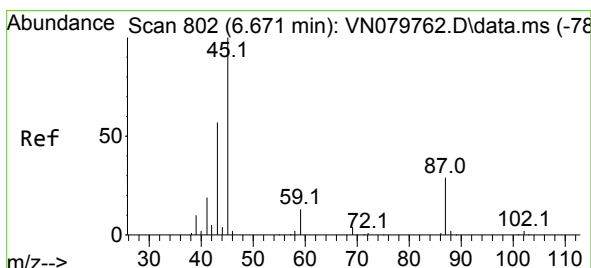
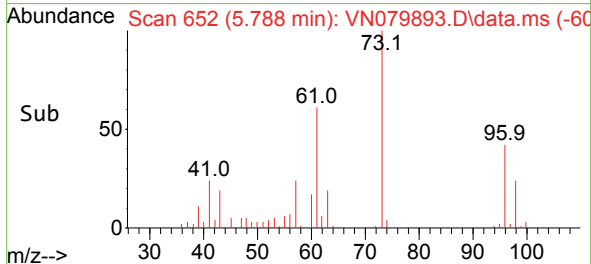
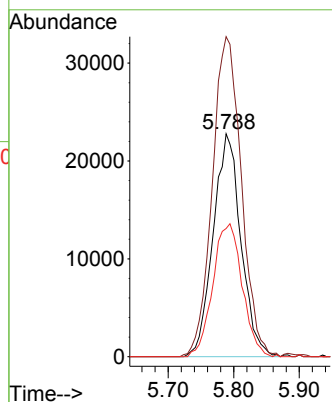
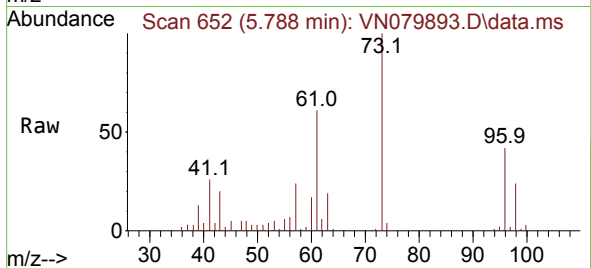




#21
trans-1,2-Dichloroethene
Concen: 19.021 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

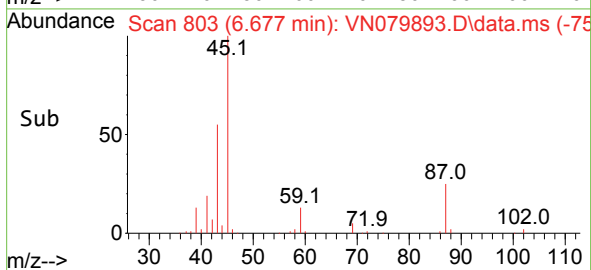
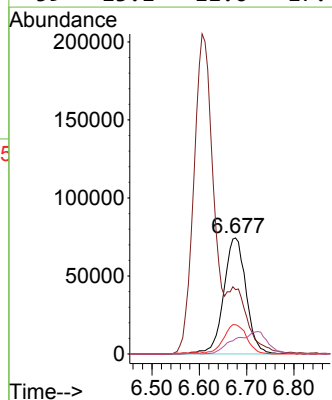
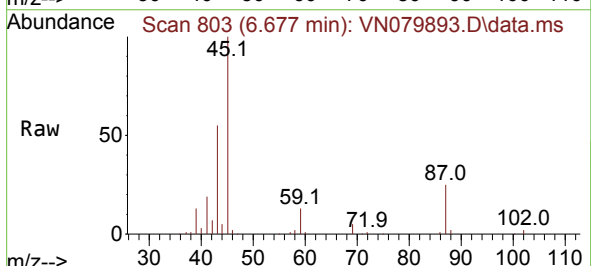
Instrument :
MSVOA_N
ClientSampleId :

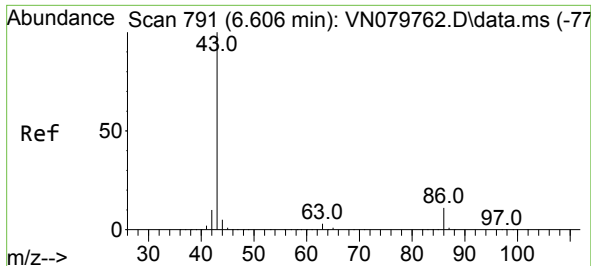
Tgt Ion: 96 Resp: 66783
Ion Ratio Lower Upper
96 100
61 143.5 90.1 135.1#
98 57.5 46.4 69.6



#22
Diisopropyl ether
Concen: 21.801 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 45 Resp: 243600
Ion Ratio Lower Upper
45 100
43 53.6 45.5 68.3
87 25.2 31.8 47.8#
59 13.1 11.6 17.4

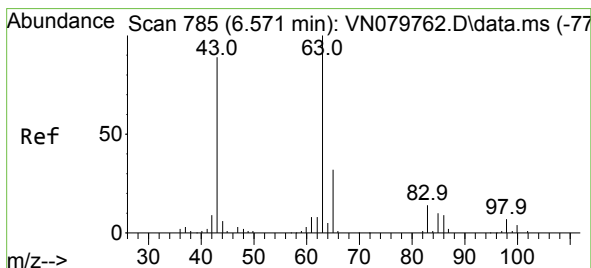
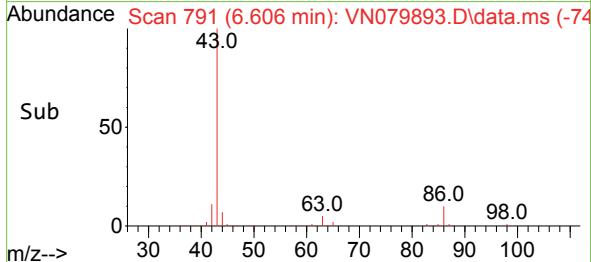
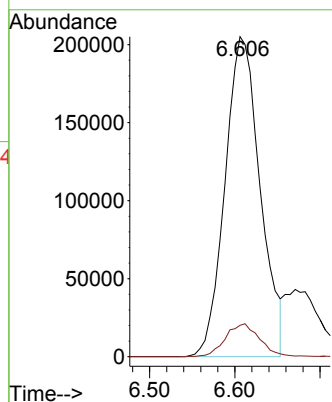
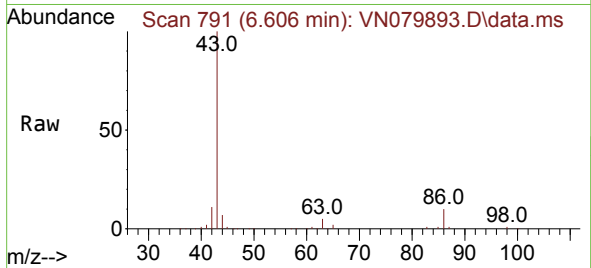




#23
 Vinyl Acetate
 Concen: 95.483 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN079893.D
 Acq: 04 Nov 2023 15:18

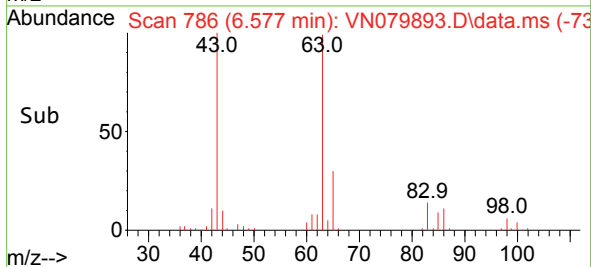
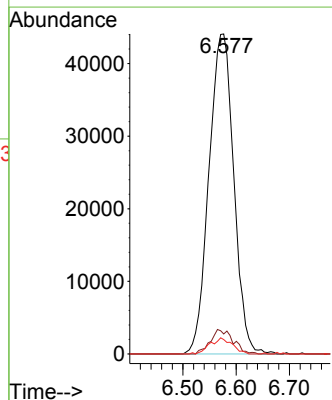
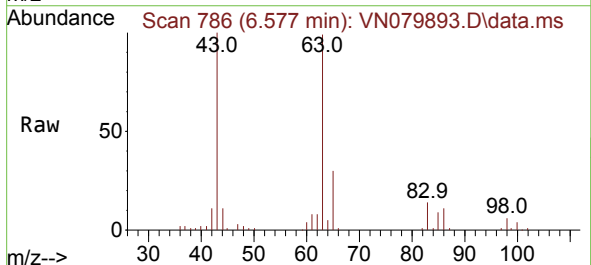
Instrument :
 MSVOA_N
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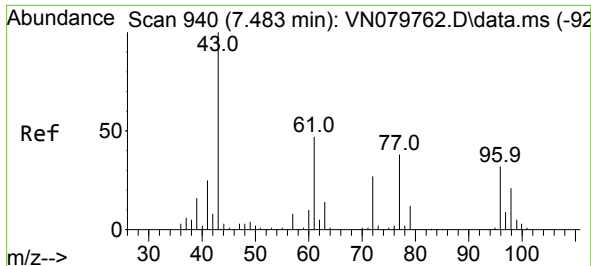
Tgt Ion: 43 Resp: 588512
 Ion Ratio Lower Upper
 43 100
 86 9.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 21.029 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN079893.D
 Acq: 04 Nov 2023 15:18

Tgt Ion: 63 Resp: 142819
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 4.5 2.5 7.4





#25

2-Butanone

Concen: 106.454 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

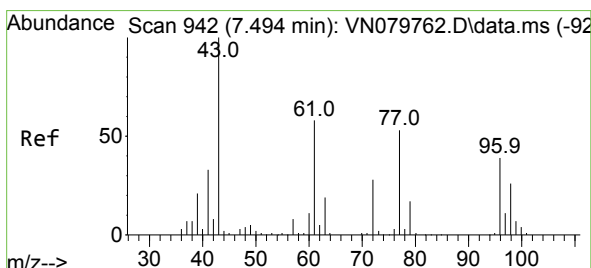
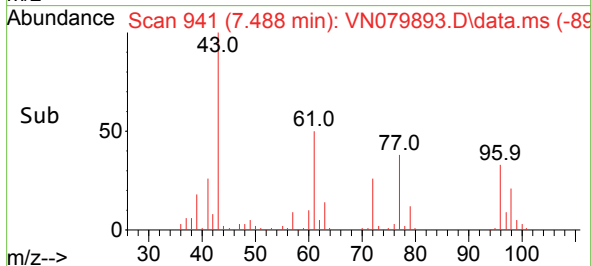
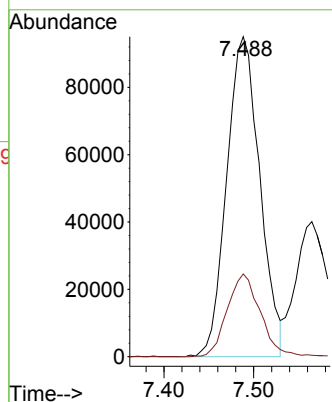
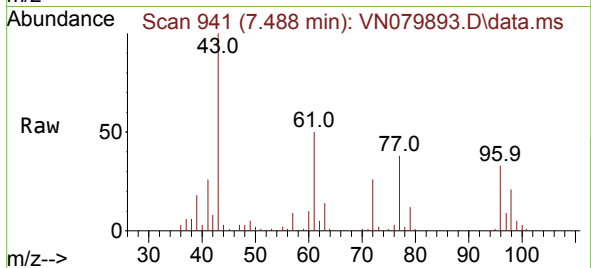
ClientSampleId :

Tgt Ion: 43 Resp: 243986

Ion Ratio Lower Upper

43 100

72 25.9 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 19.332 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN079893.D

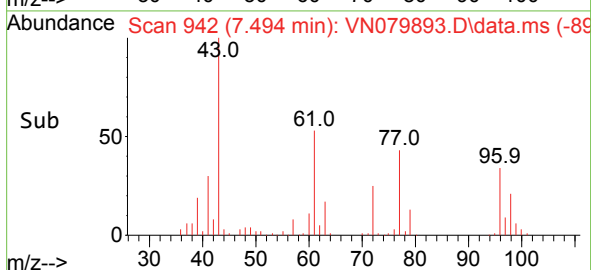
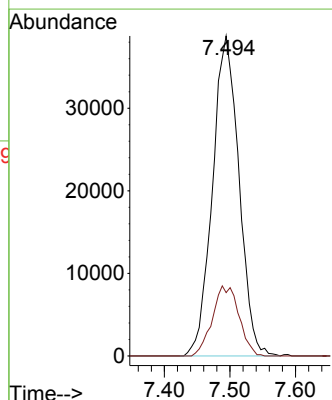
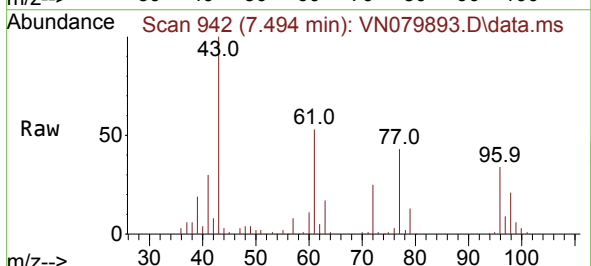
Acq: 04 Nov 2023 15:18

Tgt Ion: 77 Resp: 108586

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.6

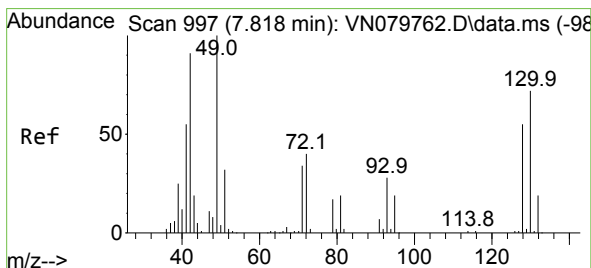
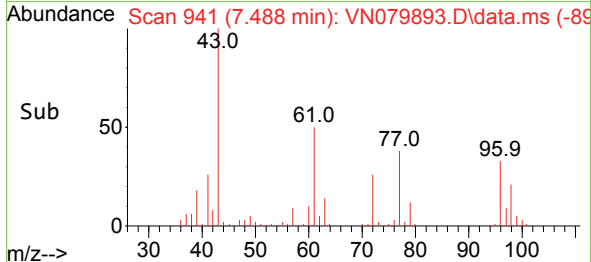
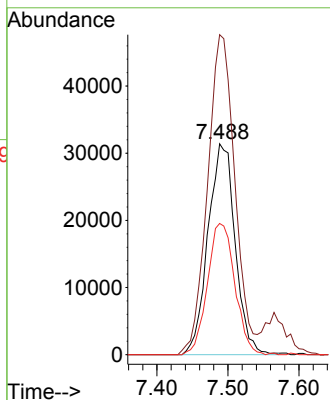
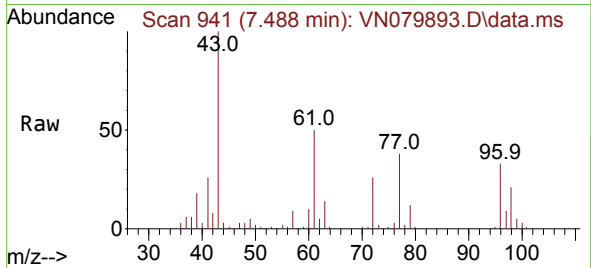




#27
 cis-1,2-Dichloroethene
 Concen: 19.864 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN079893.D
 Acq: 04 Nov 2023 15:18

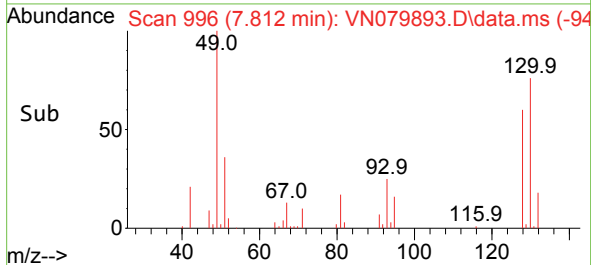
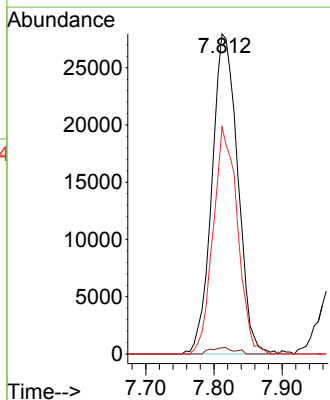
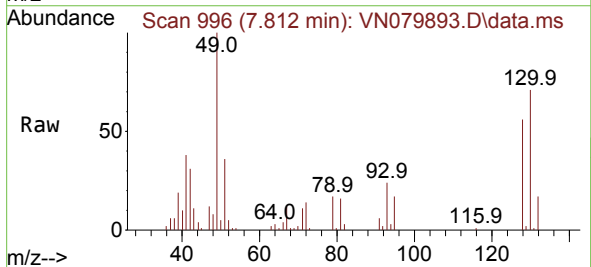
Instrument :
 MSVOA_N
 ClientSampleId :

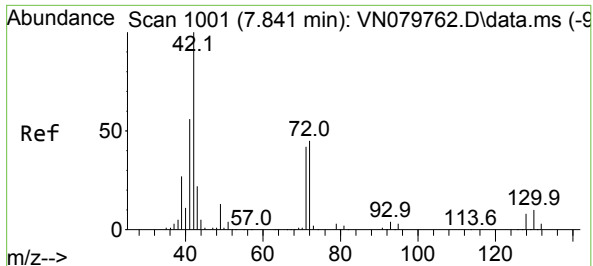
Tgt Ion: 96 Resp: 83426
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 255.2
 98 62.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 22.218 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN079893.D
 Acq: 04 Nov 2023 15:18

Tgt Ion: 49 Resp: 73538
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 67.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 102.174 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

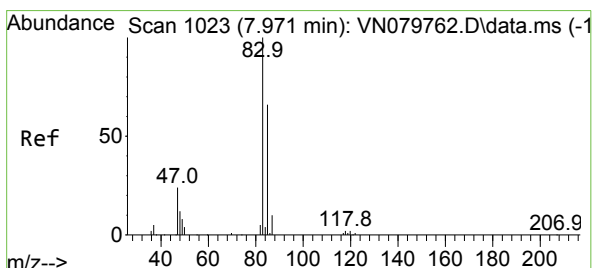
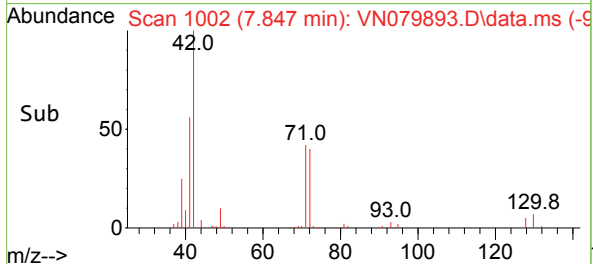
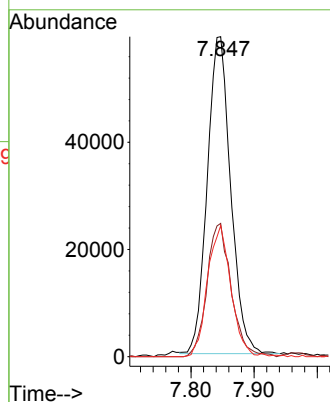
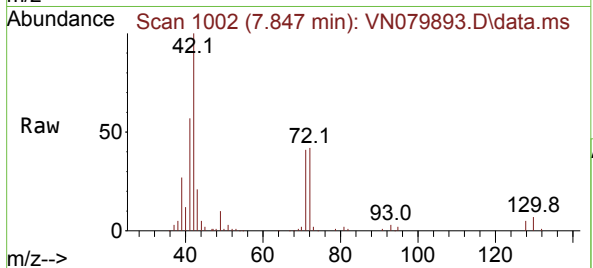
Tgt Ion: 42 Resp: 152358

Ion Ratio Lower Upper

42 100

72 43.5 49.8 74.6#

71 41.1 47.4 71.2#



#30

Chloroform

Concen: 20.225 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079893.D

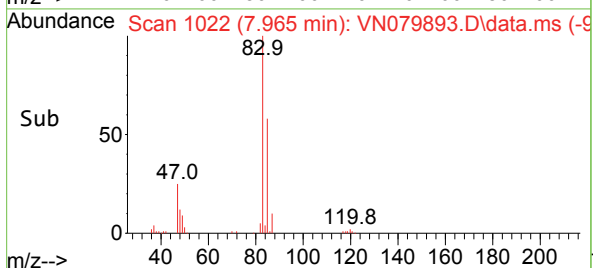
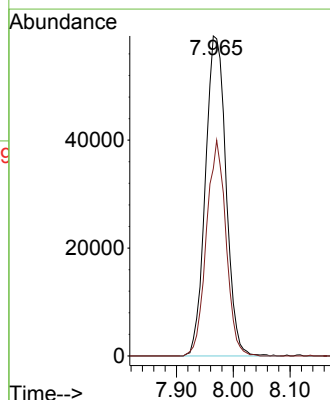
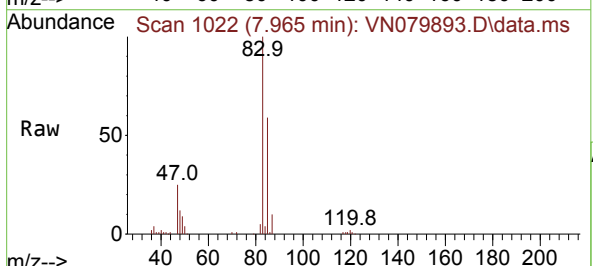
Acq: 04 Nov 2023 15:18

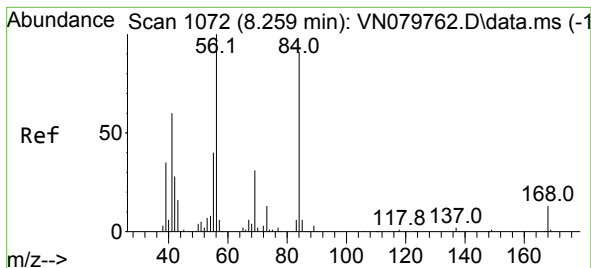
Tgt Ion: 83 Resp: 149200

Ion Ratio Lower Upper

83 100

85 58.6 55.4 83.0





#31

Cyclohexane

Concen: 19.439 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

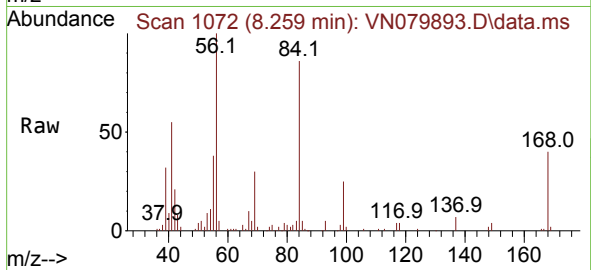
Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :



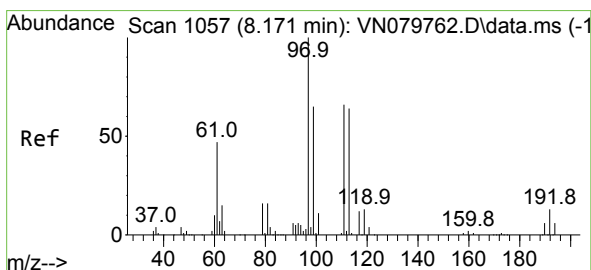
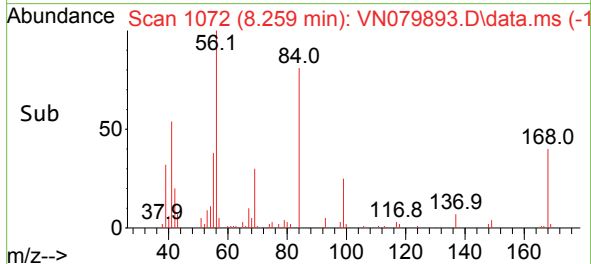
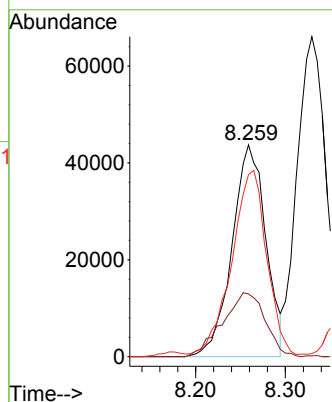
Tgt Ion: 56 Resp: 114459

Ion Ratio Lower Upper

56 100

69 29.6 26.8 40.2

84 84.3 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 20.440 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

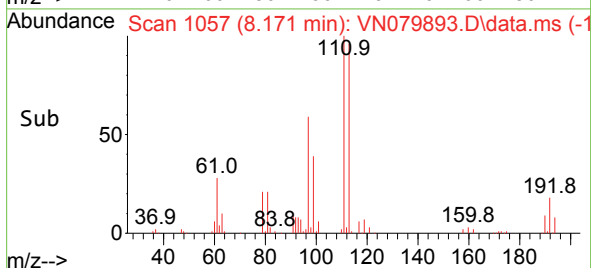
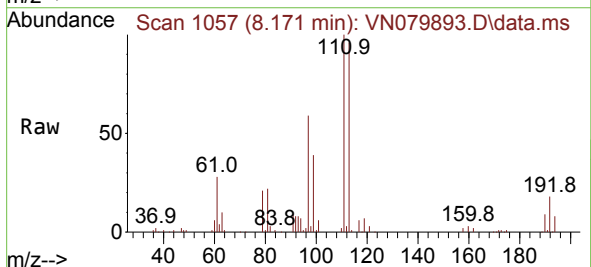
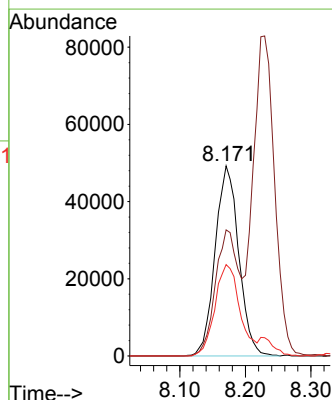
Tgt Ion: 97 Resp: 122866

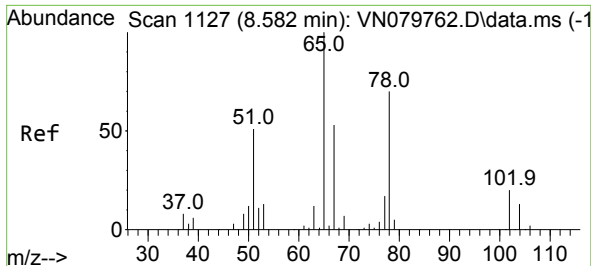
Ion Ratio Lower Upper

97 100

99 64.4 50.3 75.5

61 51.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.913 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

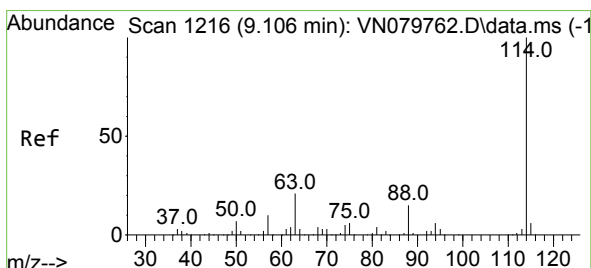
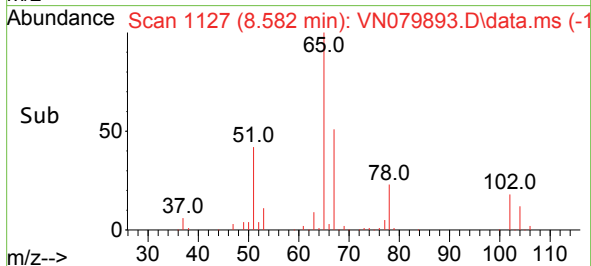
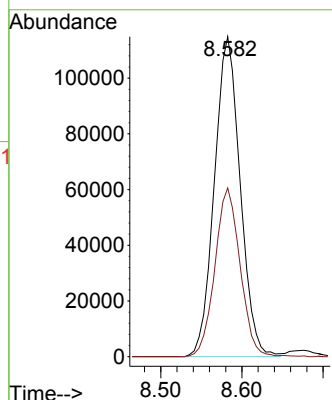
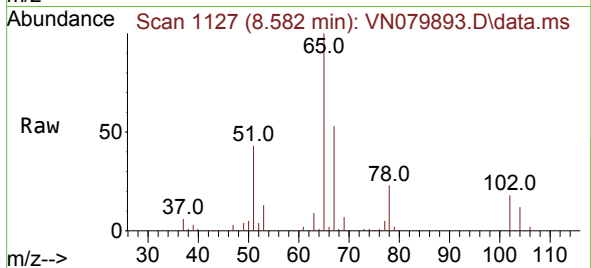
ClientSampleId :

Tgt Ion: 65 Resp: 253593

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

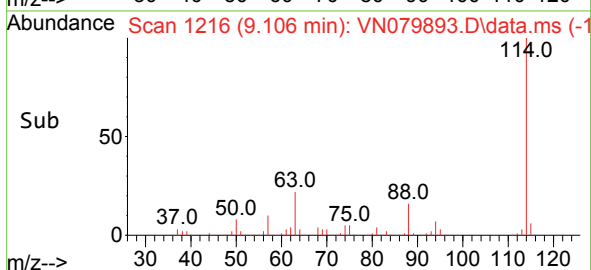
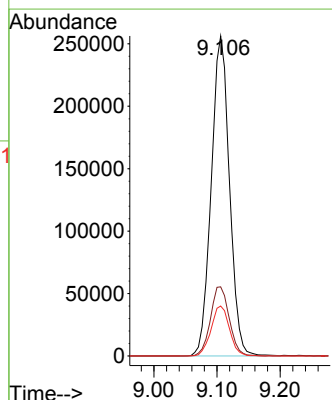
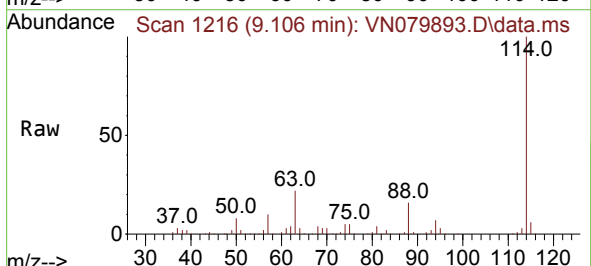
Tgt Ion: 114 Resp: 513178

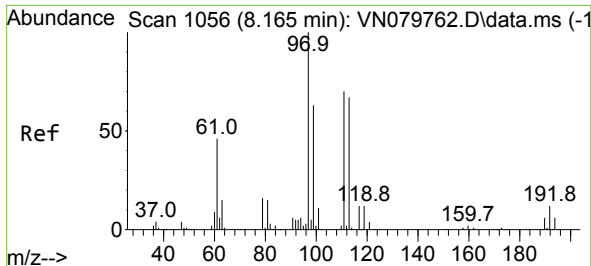
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.6 0.0 30.6

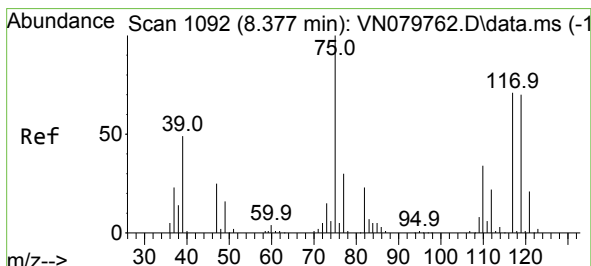
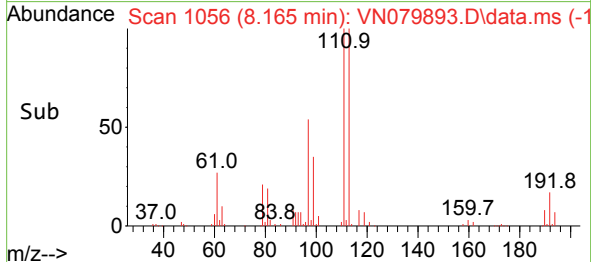
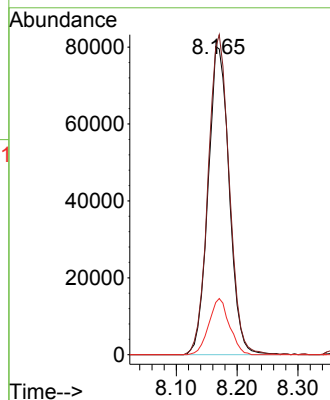
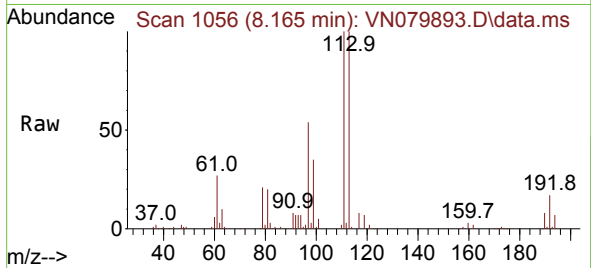




#35
Dibromofluoromethane
Concen: 53.093 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

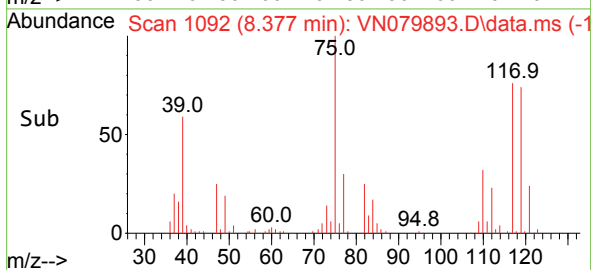
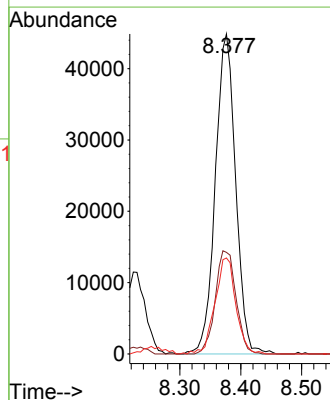
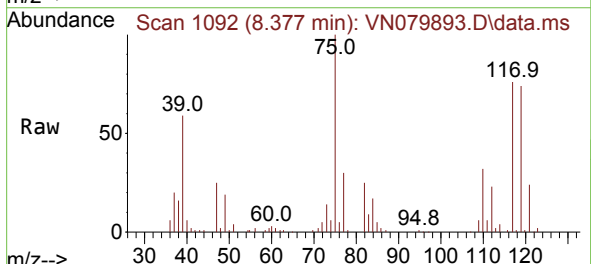
Instrument :
MSVOA_N
ClientSampleId :

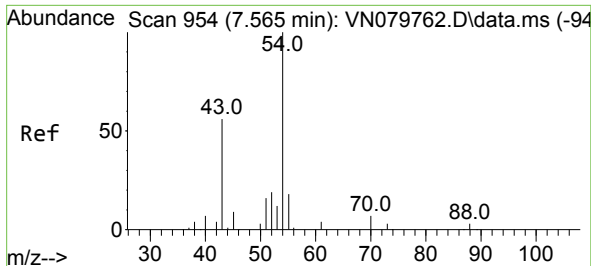
Tgt Ion:113 Resp: 192838
Ion Ratio Lower Upper
113 100
111 104.4 82.6 123.8
192 17.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.049 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 75 Resp: 103972
Ion Ratio Lower Upper
75 100
110 32.8 19.1 57.3
77 30.9 25.0 37.4

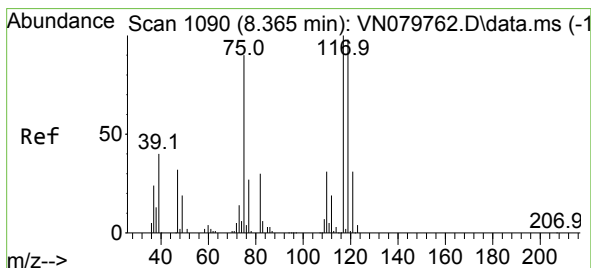
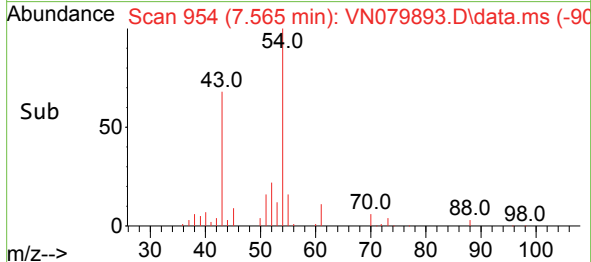
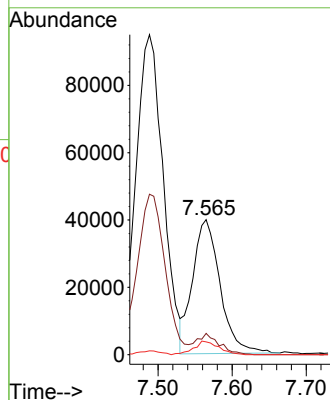
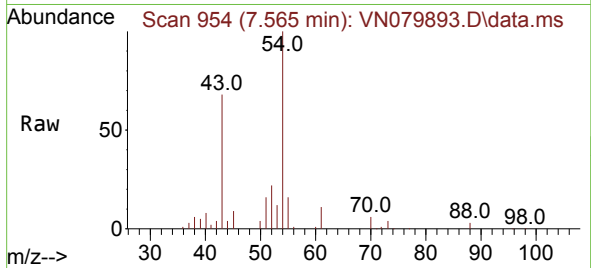




#37
Ethyl Acetate
Concen: 21.660 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

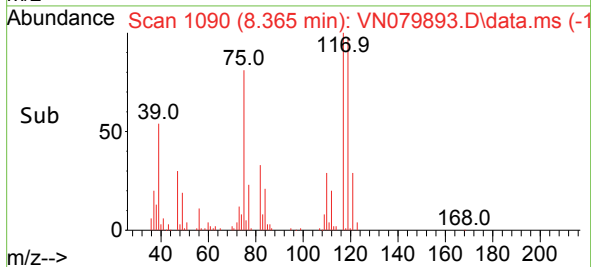
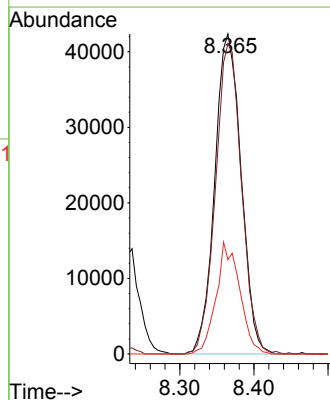
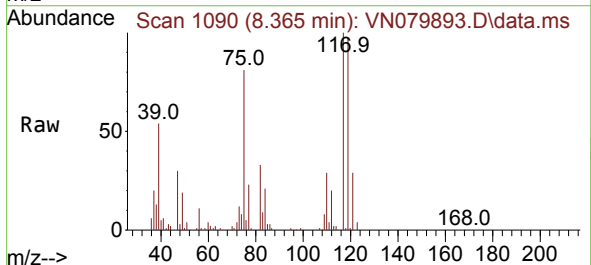
Instrument :
MSVOA_N
ClientSampleId :

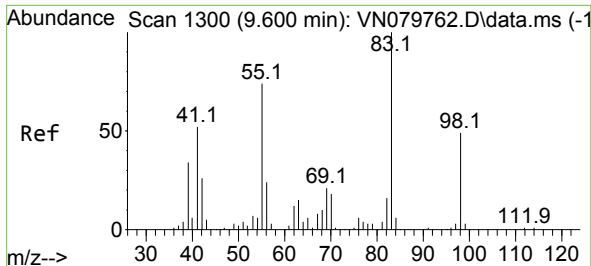
Tgt Ion: 43 Resp: 103017
Ion Ratio Lower Upper
43 100
61 13.1 13.2 19.8#
70 9.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 20.025 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 117 Resp: 104663
Ion Ratio Lower Upper
117 100
119 97.0 77.3 115.9
121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 19.222 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

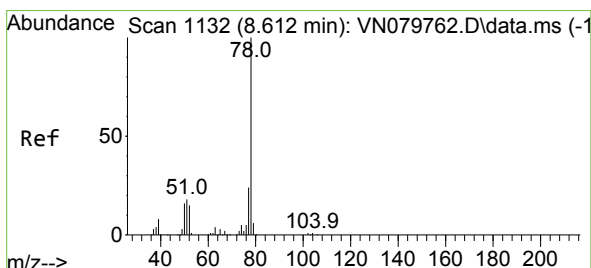
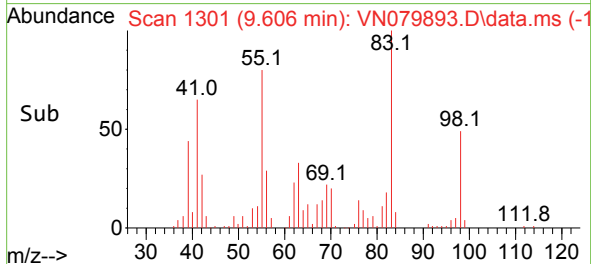
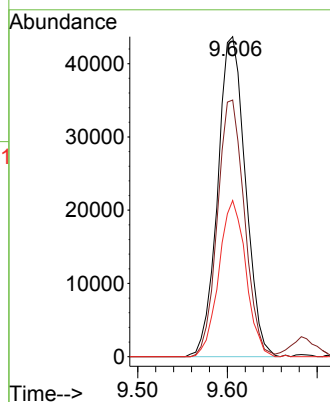
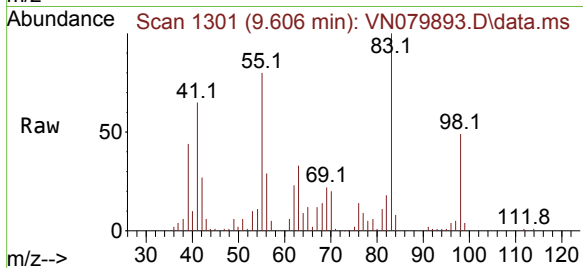
Tgt Ion: 83 Resp: 93811

Ion Ratio Lower Upper

83 100

55 80.2 49.1 73.7#

98 48.8 40.6 61.0



#40

Benzene

Concen: 20.357 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079893.D

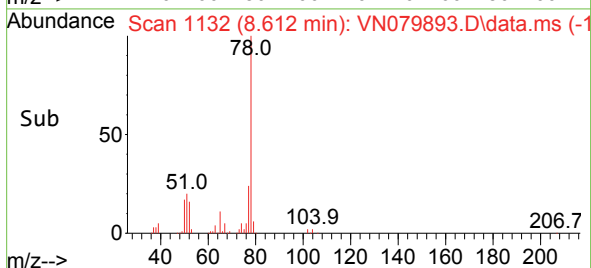
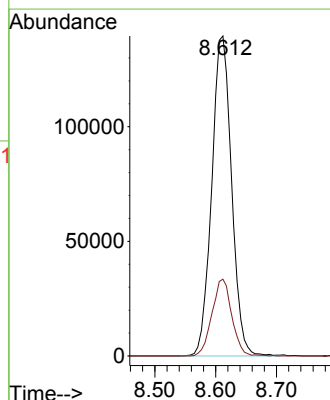
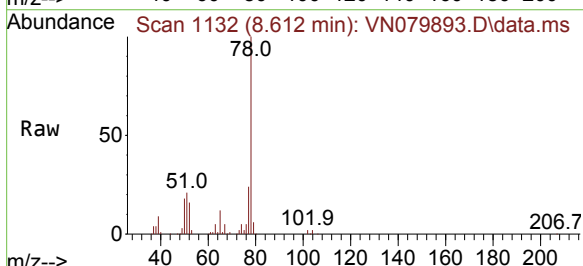
Acq: 04 Nov 2023 15:18

Tgt Ion: 78 Resp: 316199

Ion Ratio Lower Upper

78 100

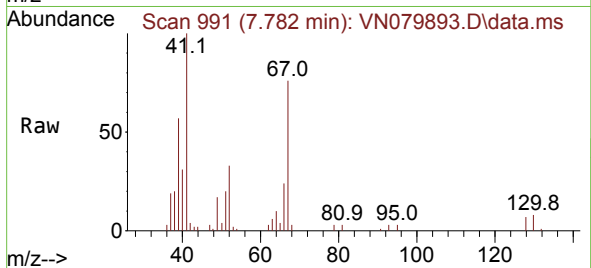
77 24.0 19.0 28.6



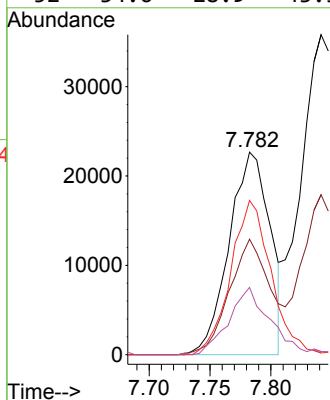
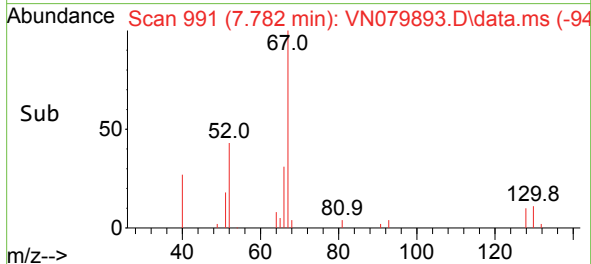


#41
Methacrylonitrile
Concen: 20.947 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :

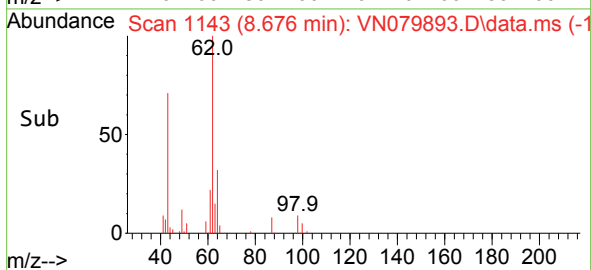
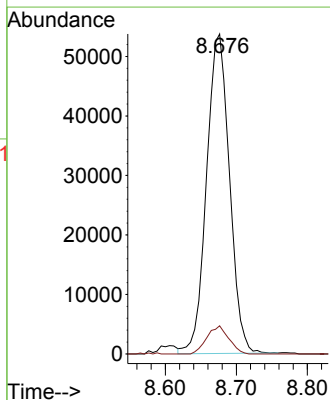
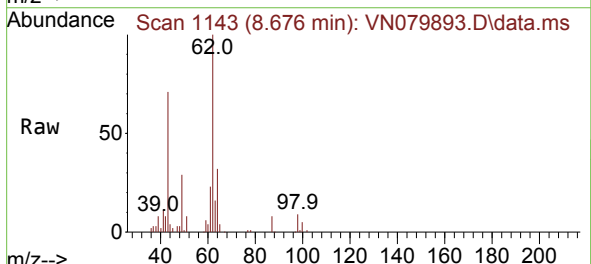


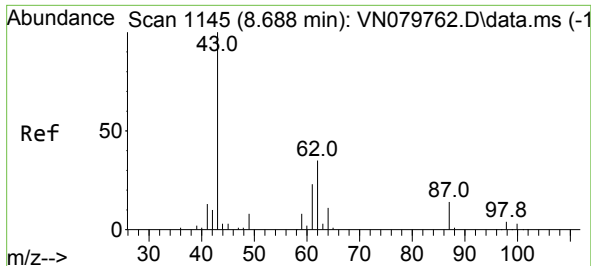
Tgt Ion:	41	Resp:	52904
Ion	Ratio	Lower	Upper
41	100		
39	58.5	42.6	64.0
67	75.4	77.5	116.3
52	34.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 22.215 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion:	62	Resp:	120532
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	19.8

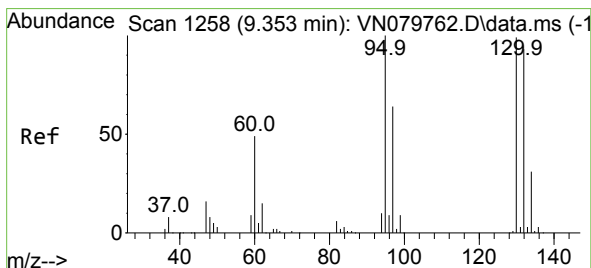
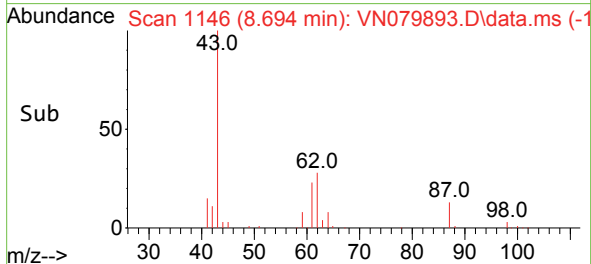
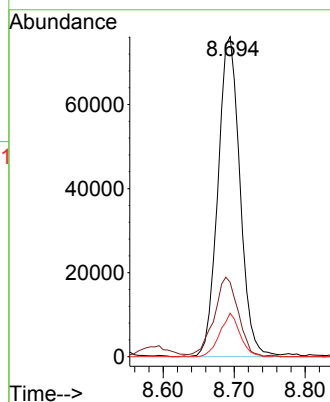
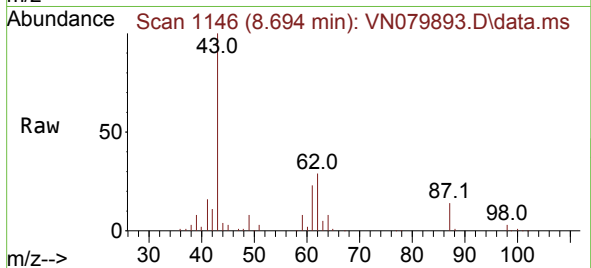




#43
Isopropyl Acetate
Concen: 19.607 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

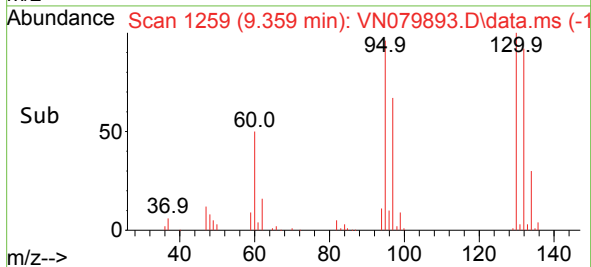
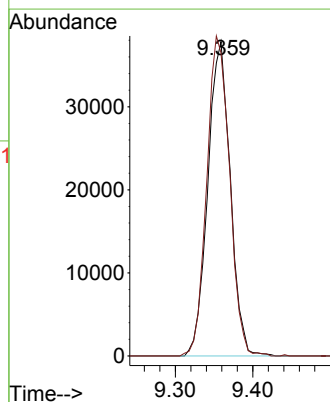
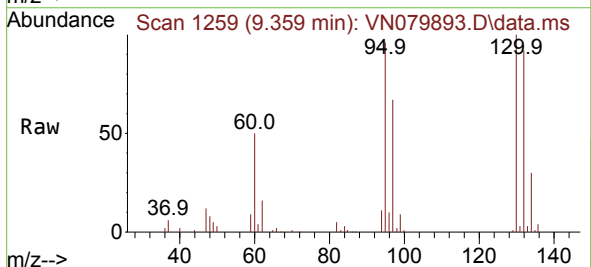
Instrument :
MSVOA_N
ClientSampleId :

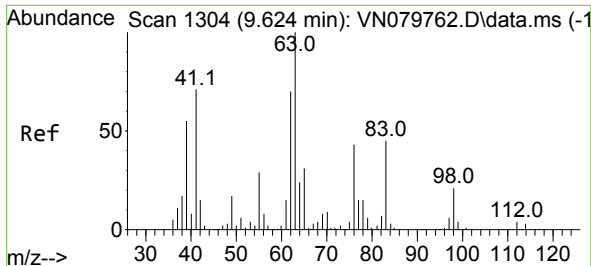
Tgt Ion: 43 Resp: 163536
Ion Ratio Lower Upper
43 100
61 27.6 24.7 37.1
87 12.4 14.6 21.8#



#44
Trichloroethene
Concen: 19.815 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion:130 Resp: 76374
Ion Ratio Lower Upper
130 100
95 96.4 0.0 204.6

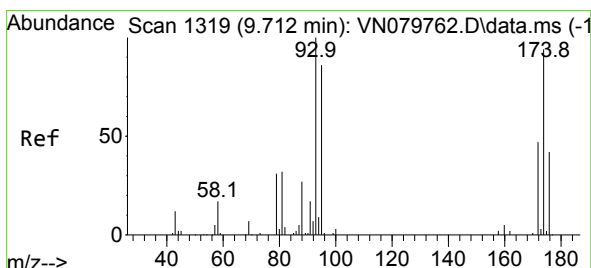
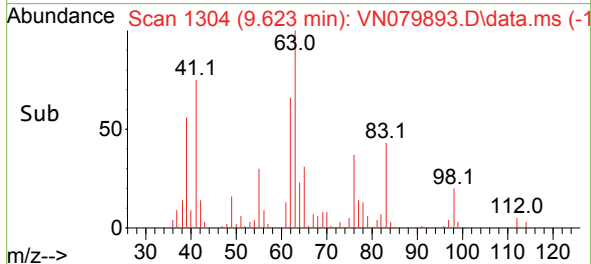
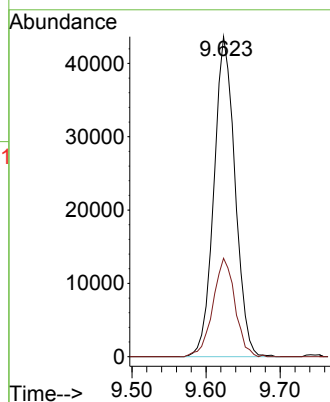
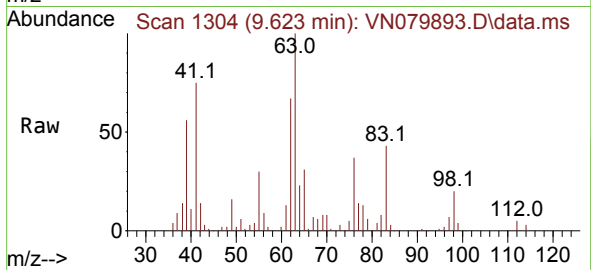




#45
1,2-Dichloropropane
Concen: 21.755 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

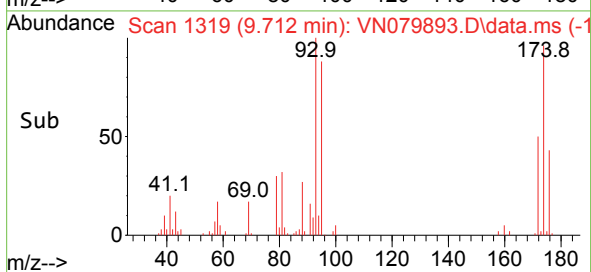
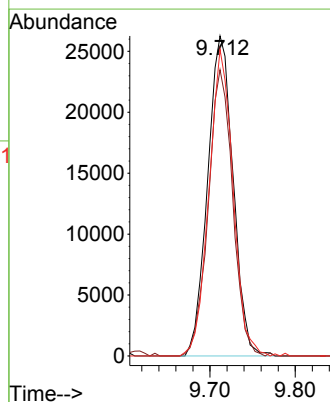
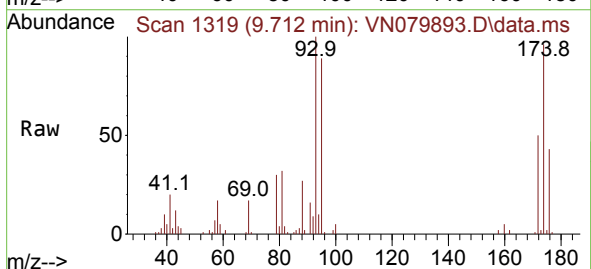
Instrument :
MSVOA_N
ClientSampleId :

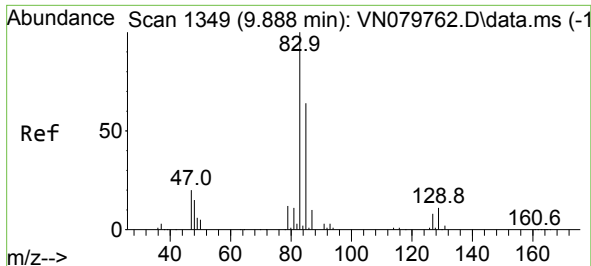
Tgt Ion: 63 Resp: 86357
Ion Ratio Lower Upper
63 100
65 30.8 23.9 35.9



#46
Dibromomethane
Concen: 20.132 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

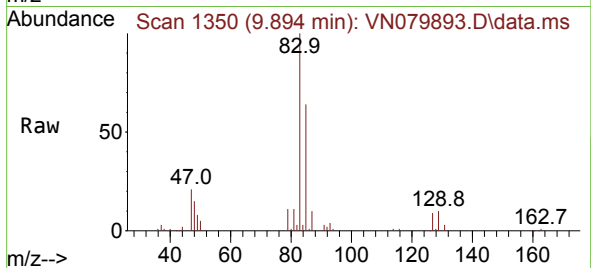
Tgt Ion: 93 Resp: 54565
Ion Ratio Lower Upper
93 100
95 85.5 63.8 95.8
174 90.7 65.6 98.4



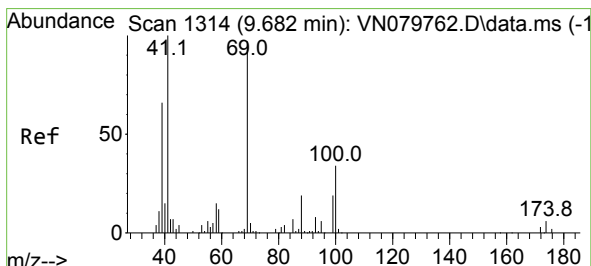
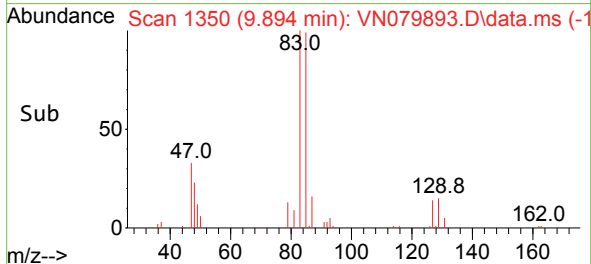
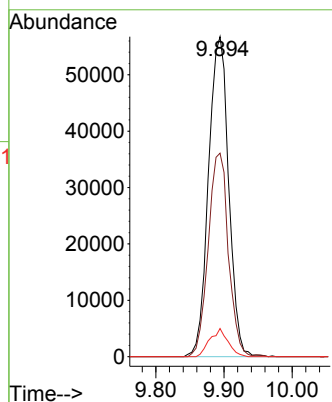


#47
Bromodichloromethane
Concen: 20.174 ug/l
RT: 9.894 min Scan# 116614
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :

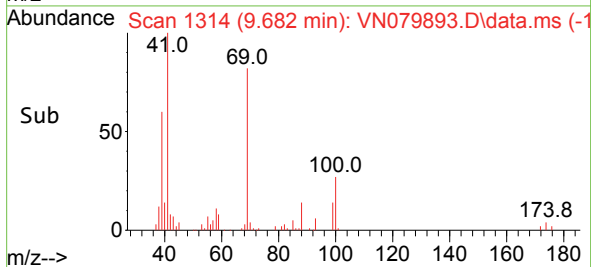
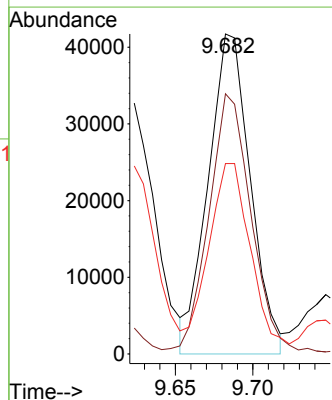
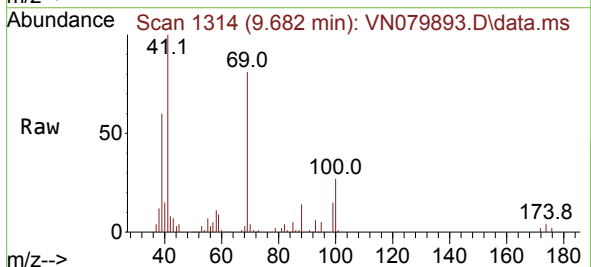


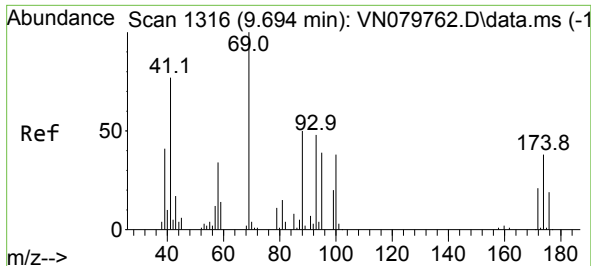
Tgt Ion: 83 Resp: 116614
Ion Ratio Lower Upper
83 100
85 63.6 49.6 74.4
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 21.569 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 41 Resp: 78801
Ion Ratio Lower Upper
41 100
69 83.0 90.4 135.6#
39 60.0 54.6 81.8





#49

1,4-Dioxane

Concen: 379.690 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

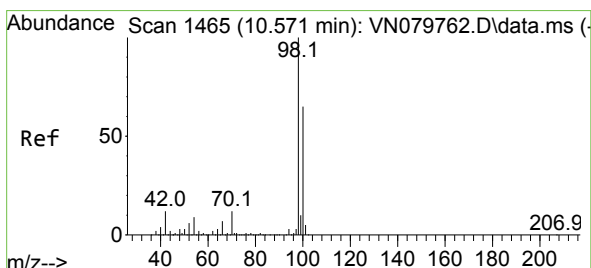
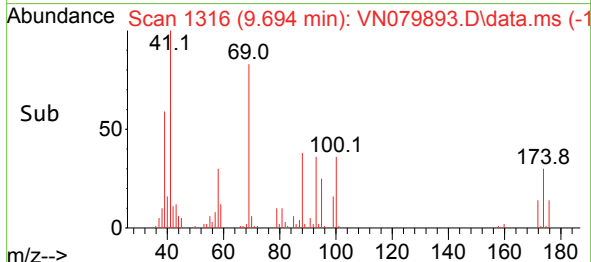
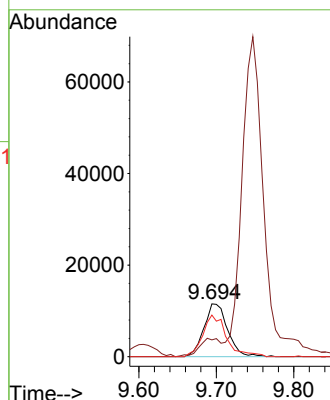
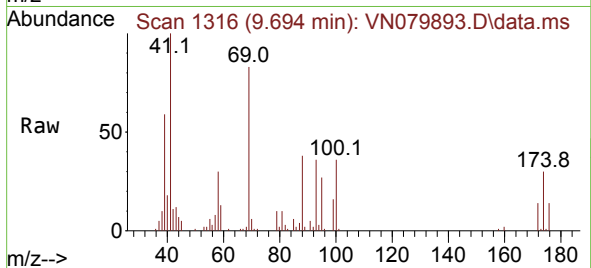
Tgt Ion: 88 Resp: 24511

Ion Ratio Lower Upper

88 100

43 30.4 17.0 25.6#

58 79.4 47.0 70.4#



#50

Toluene-d8

Concen: 53.711 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079893.D

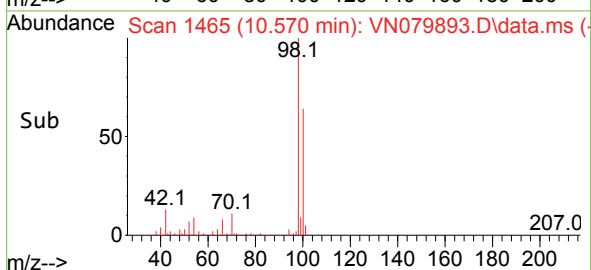
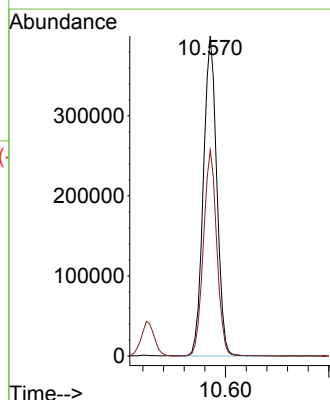
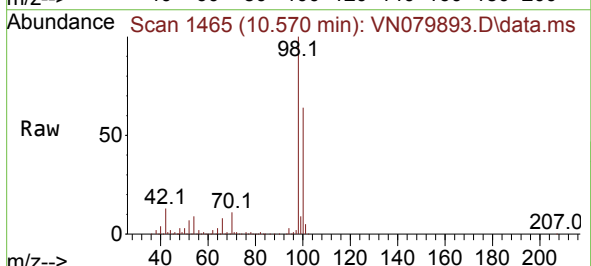
Acq: 04 Nov 2023 15:18

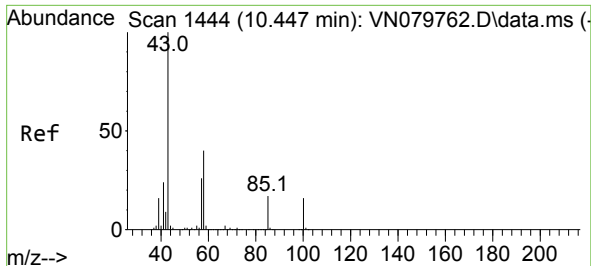
Tgt Ion: 98 Resp: 718164

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

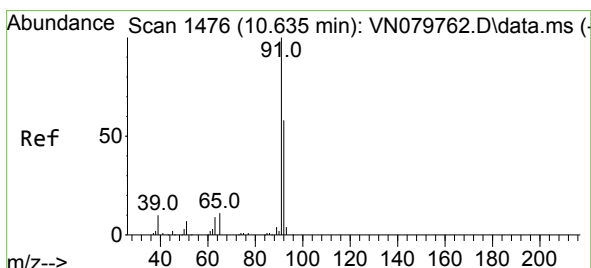
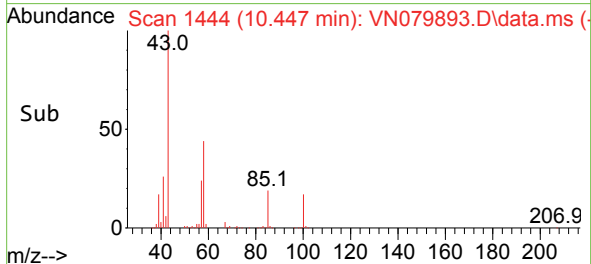
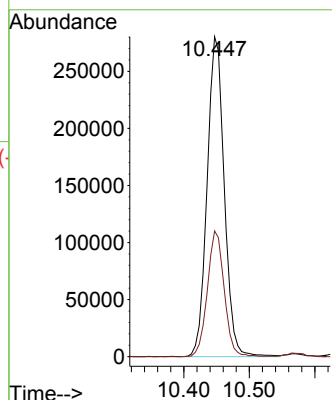
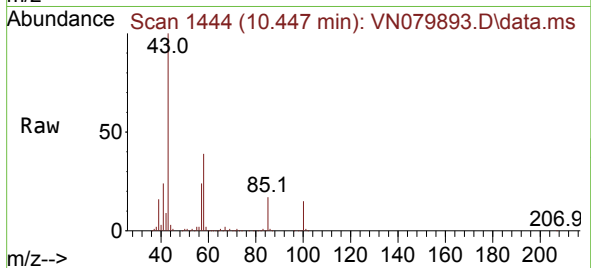




#51
4-Methyl-2-Pentanone
Concen: 108.960 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

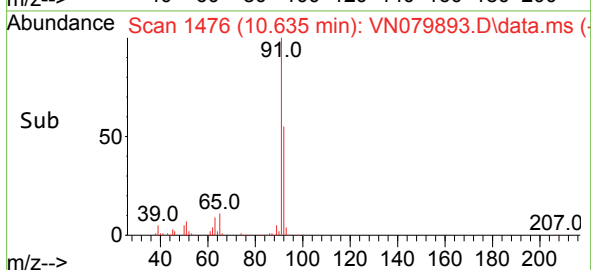
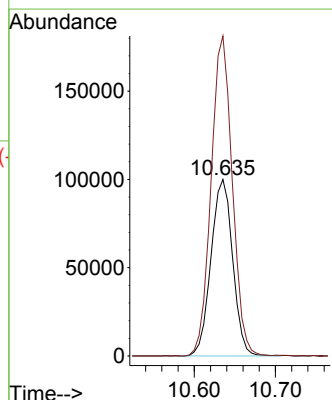
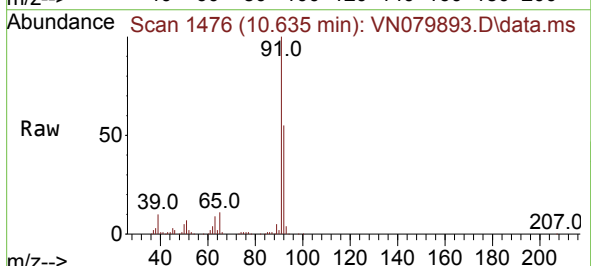
Instrument :
MSVOA_N
ClientSampleId :

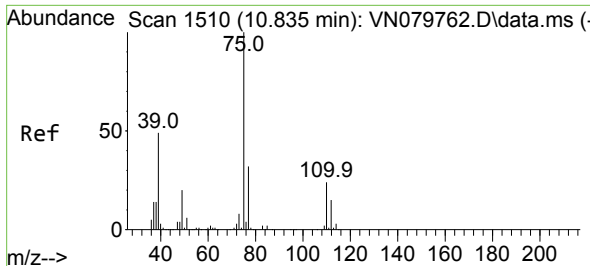
Tgt Ion: 43 Resp: 511658
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8



#52
Toluene
Concen: 20.130 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

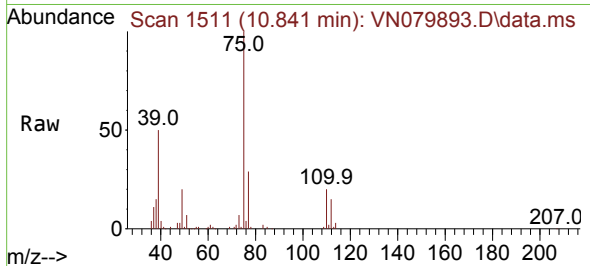
Tgt Ion: 92 Resp: 185367
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0



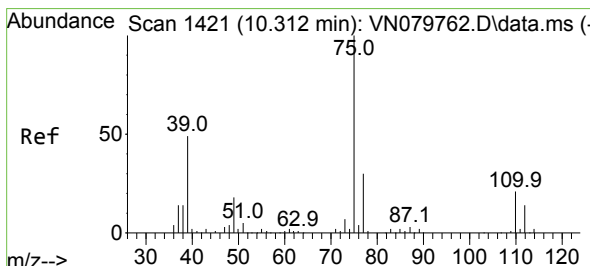
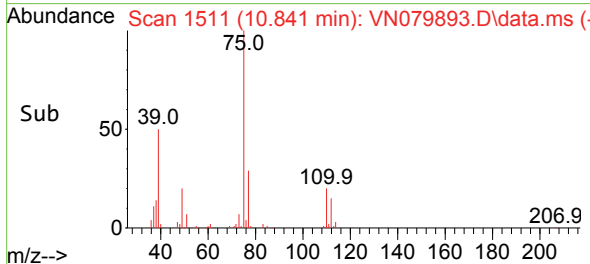
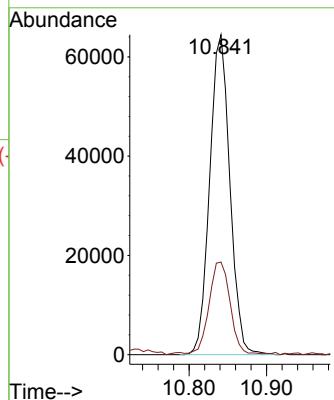


#53
 t-1,3-Dichloropropene
 Concen: 20.580 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN079893.D
 Acq: 04 Nov 2023 15:18

Instrument :
 MSVOA_N
 ClientSampleId :

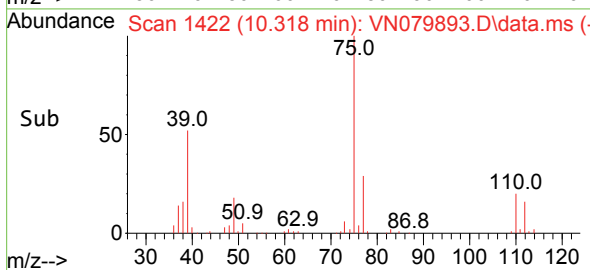
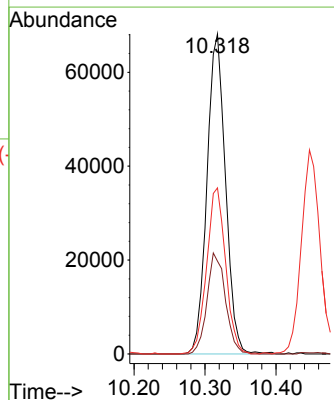
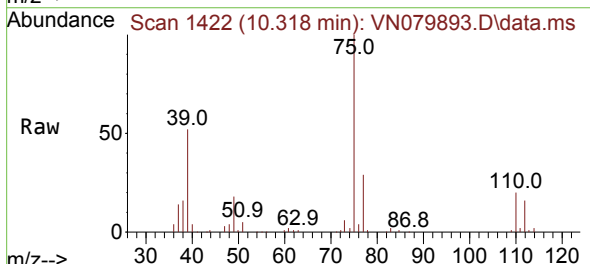


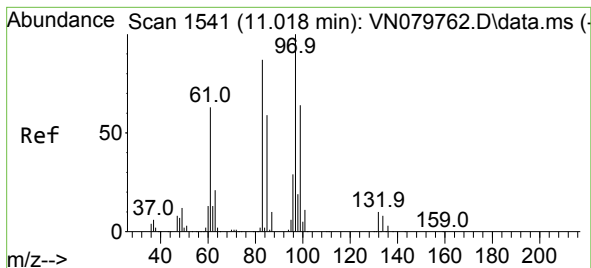
Tgt Ion: 75 Resp: 116618
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.005 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079893.D
 Acq: 04 Nov 2023 15:18

Tgt Ion: 75 Resp: 123565
 Ion Ratio Lower Upper
 75 100
 77 29.0 26.1 39.1
 39 51.9 31.6 47.4#

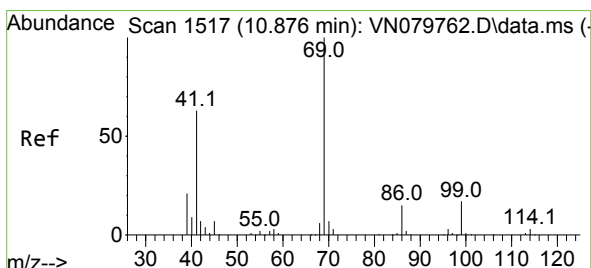
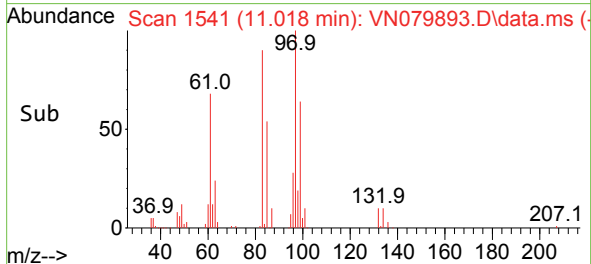
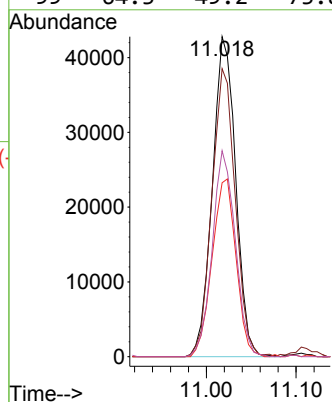
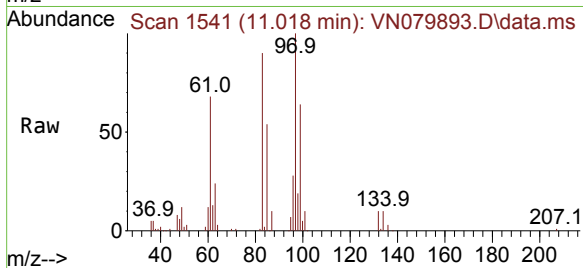




#55
1,1,2-Trichloroethane
Concen: 20.813 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

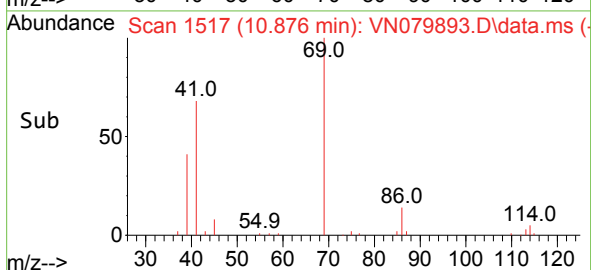
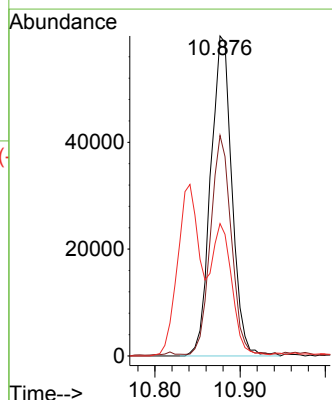
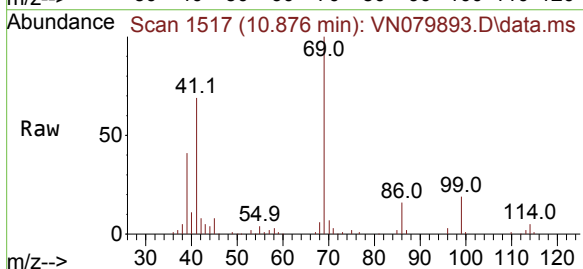
Instrument :
MSVOA_N
ClientSampleId :

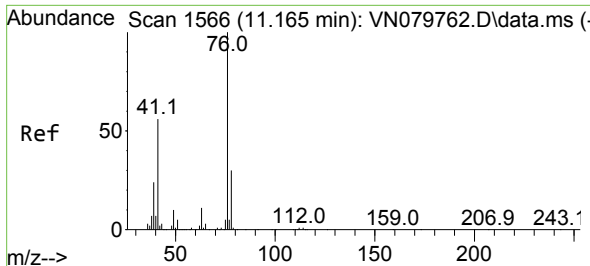
Tgt Ion: 97	Resp: 77087
Ion Ratio	Lower Upper
97 100	
83 90.0	65.1 97.7
85 54.3	43.4 65.2
99 64.3	49.2 73.8



#56
Ethyl methacrylate
Concen: 19.657 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 69	Resp: 103851
Ion Ratio	Lower Upper
69 100	
41 66.4	39.6 59.4#
39 39.2	28.6 43.0

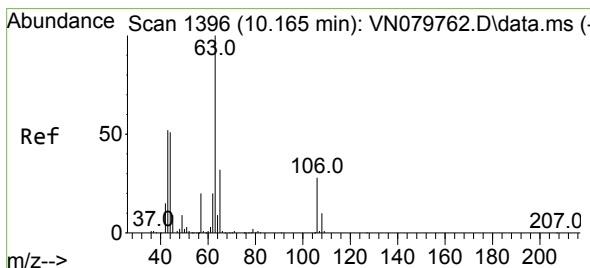
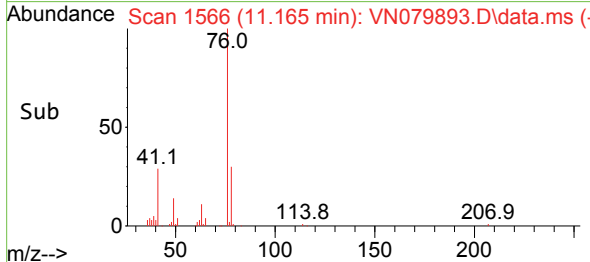
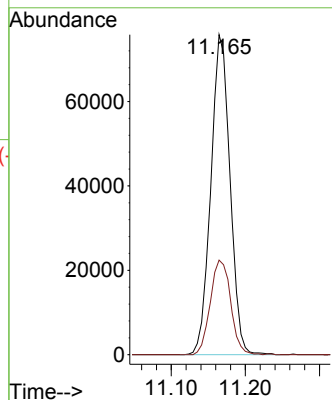
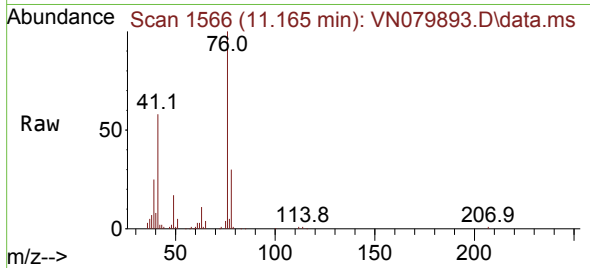




#57
1,3-Dichloropropane
Concen: 20.847 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

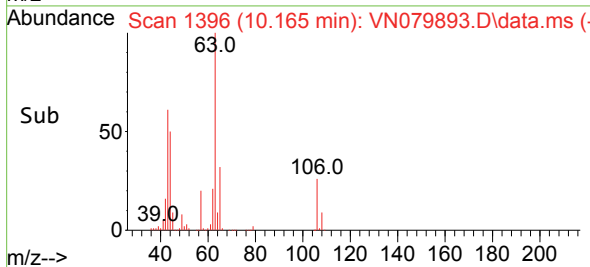
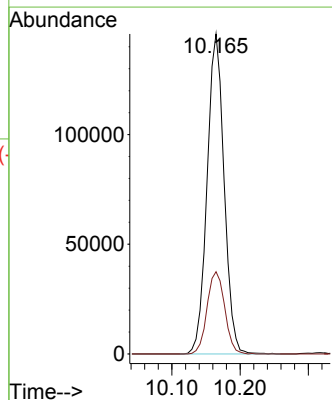
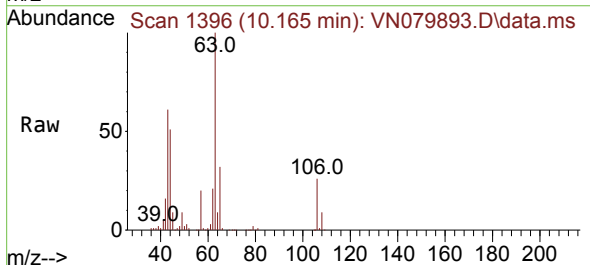
Instrument :
MSVOA_N
ClientSampleId :

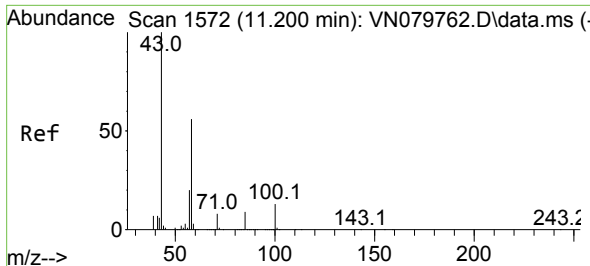
Tgt Ion: 76 Resp: 136103
Ion Ratio Lower Upper
76 100
78 31.4 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 94.576 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 63 Resp: 253244
Ion Ratio Lower Upper
63 100
106 26.6 26.2 39.4

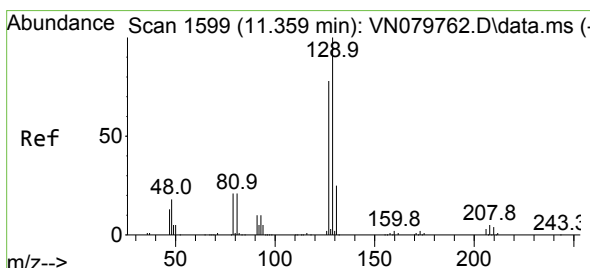
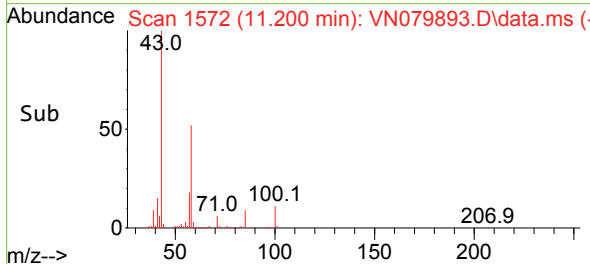
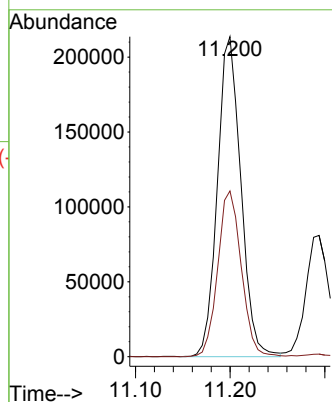
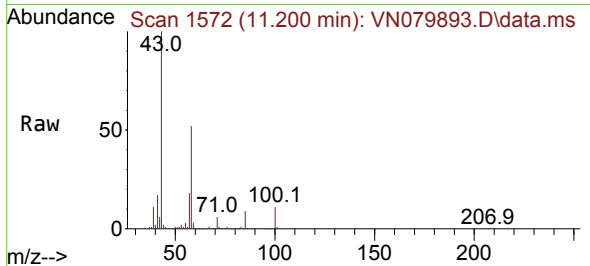




#59
2-Hexanone
Concen: 102.388 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

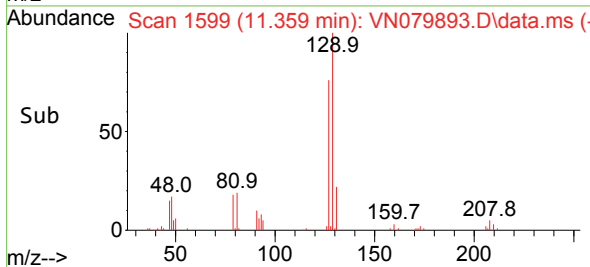
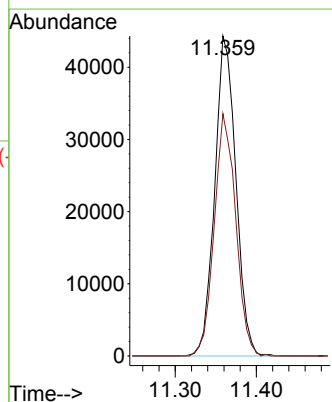
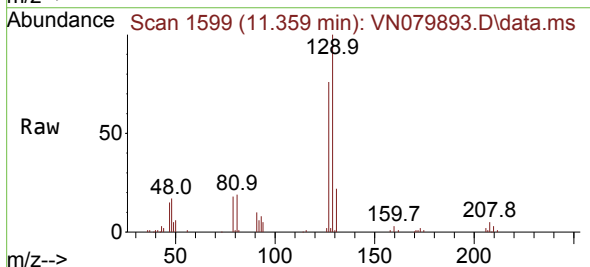
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 367811
Ion Ratio Lower Upper
43 100
58 52.0 31.7 95.1



#60
Dibromochloromethane
Concen: 20.237 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 129 Resp: 80232
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

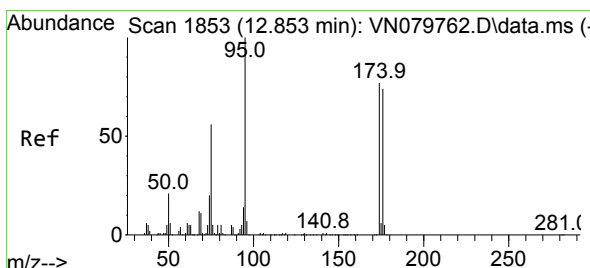
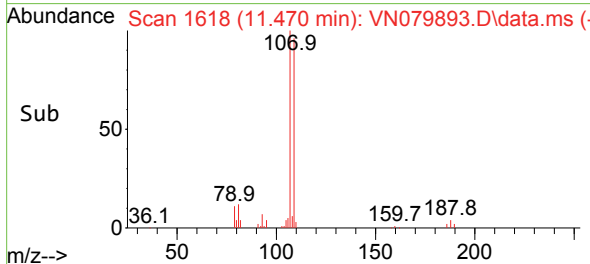
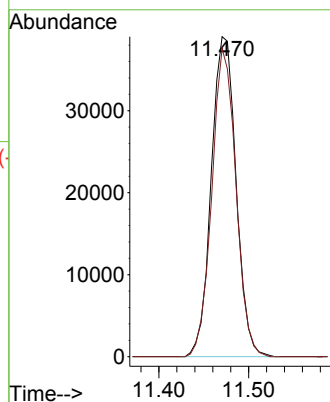
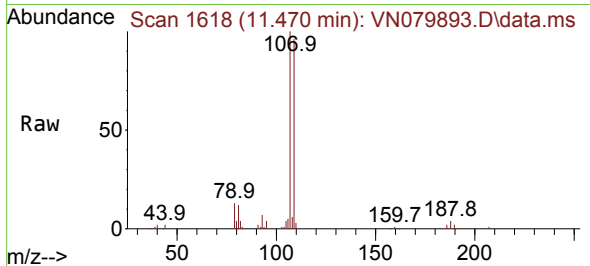




#61
1,2-Dibromoethane
Concen: 20.132 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

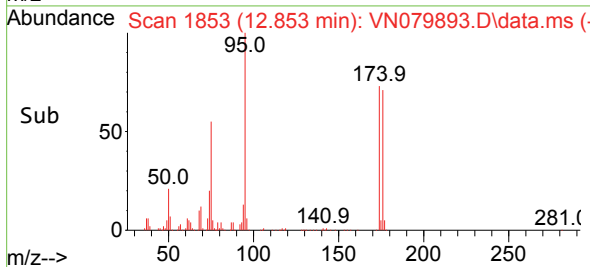
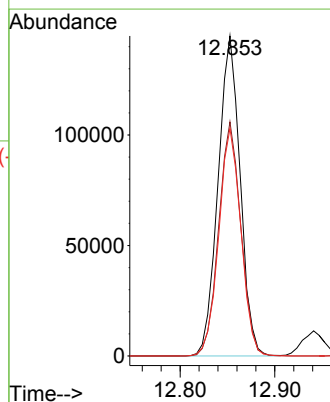
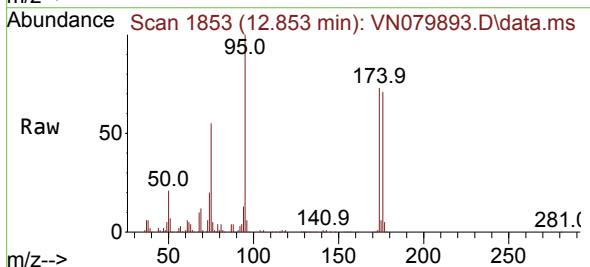
Instrument :
MSVOA_N
ClientSampleId :

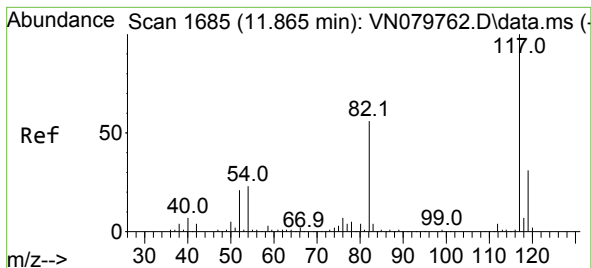
Tgt Ion:107 Resp: 74842
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.956 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 95 Resp: 234834
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 71.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

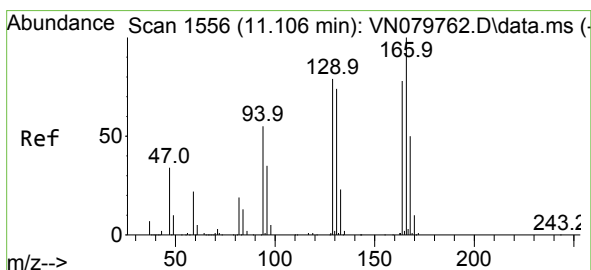
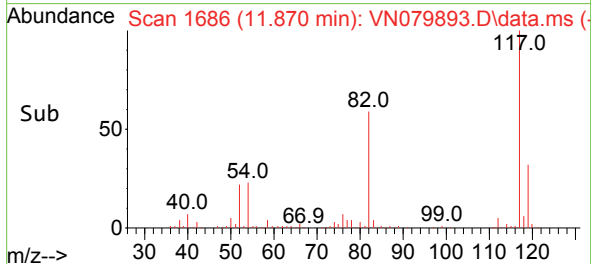
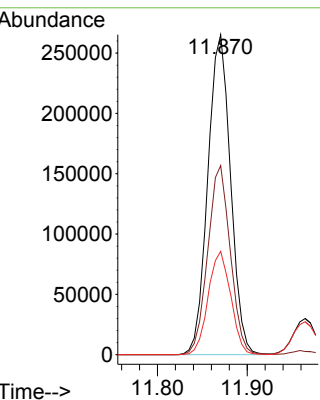
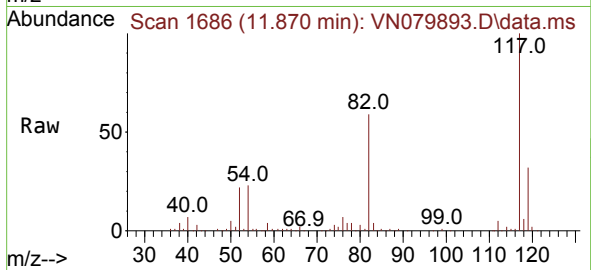
Tgt Ion:117 Resp: 467138

Ion Ratio Lower Upper

117 100

82 59.1 44.0 66.0

119 32.3 25.6 38.4



#64

Tetrachloroethene

Concen: 23.207 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Tgt Ion:164 Resp: 70210

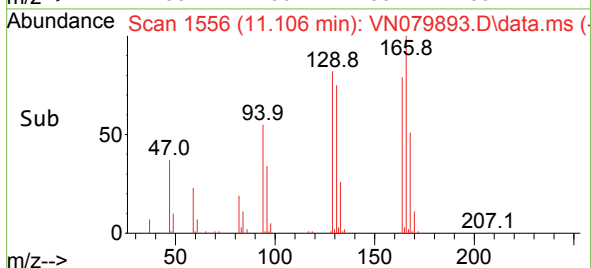
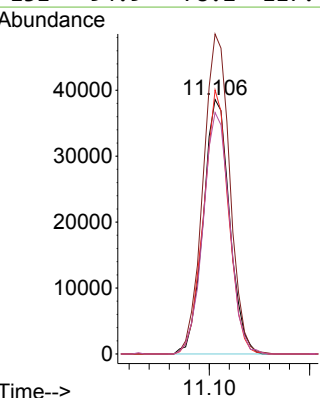
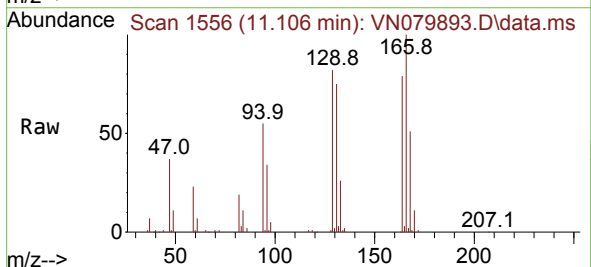
Ion Ratio Lower Upper

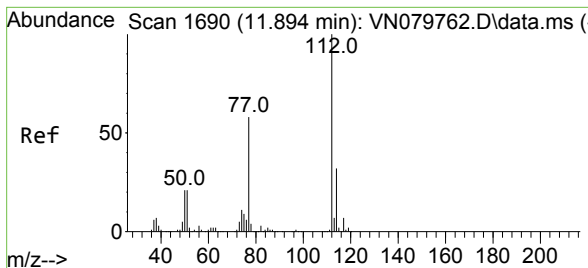
164 100

166 125.8 101.4 152.0

129 103.8 82.4 123.6

131 94.9 78.2 117.4





#65

Chlorobenzene

Concen: 19.512 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

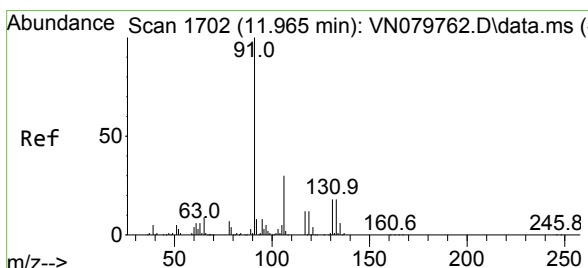
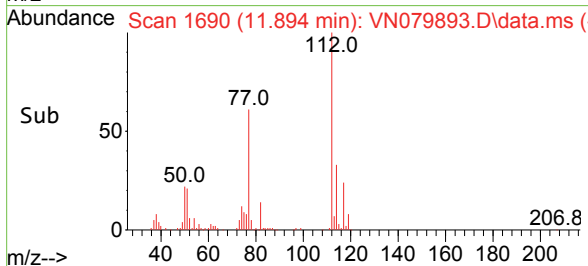
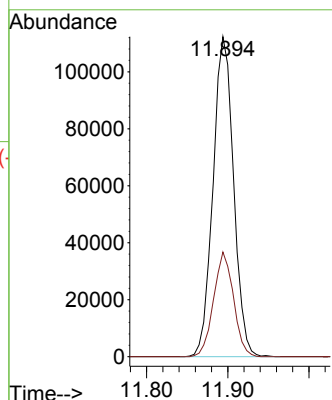
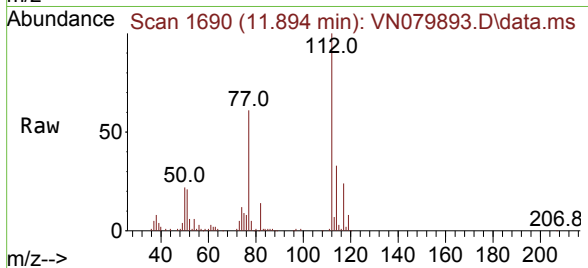
ClientSampleId :

Tgt Ion:112 Resp: 197718

Ion Ratio Lower Upper

112 100

114 32.7 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.303 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

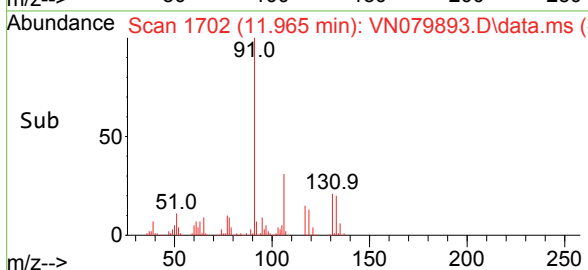
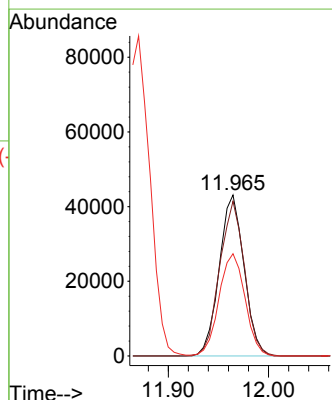
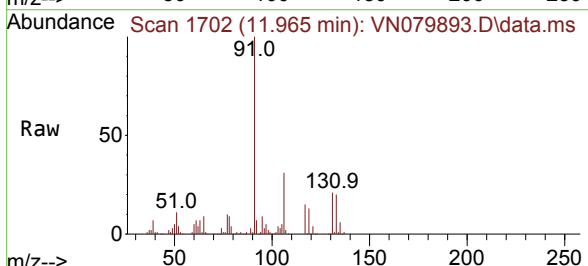
Tgt Ion:131 Resp: 74123

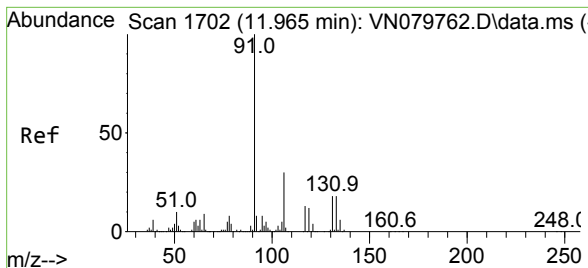
Ion Ratio Lower Upper

131 100

133 96.2 46.4 139.1

119 66.6 34.1 102.2





#67

Ethyl Benzene

Concen: 19.324 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

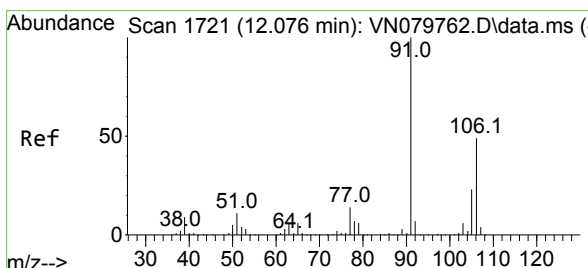
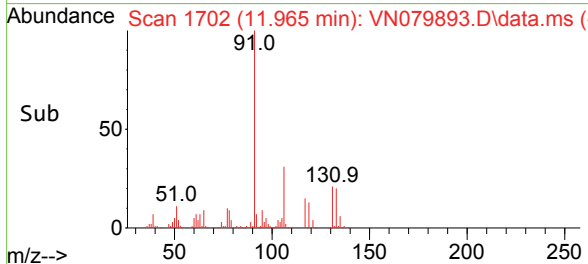
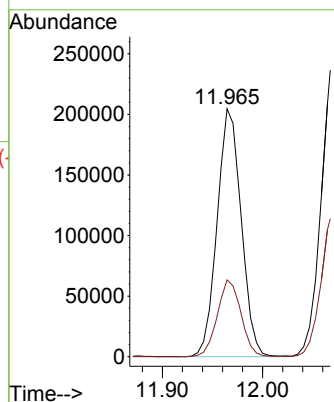
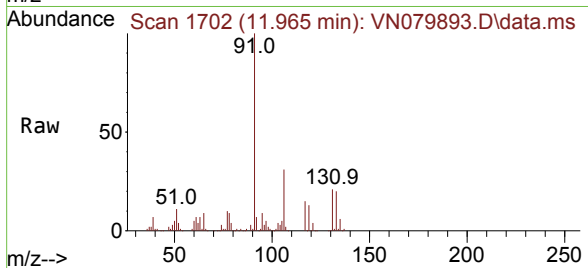
ClientSampleId :

Tgt Ion: 91 Resp: 341160

Ion Ratio Lower Upper

91 100

106 31.0 25.6 38.4



#68

m/p-Xylenes

Concen: 38.868 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN079893.D

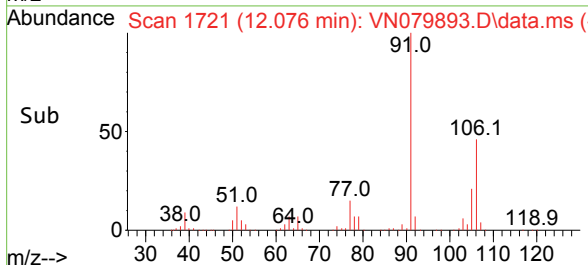
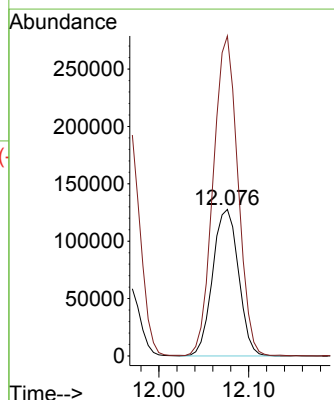
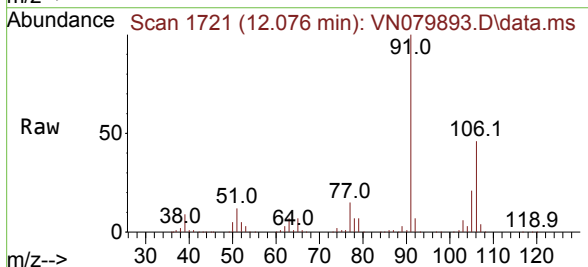
Acq: 04 Nov 2023 15:18

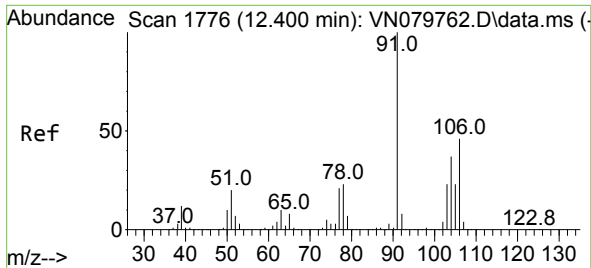
Tgt Ion:106 Resp: 255619

Ion Ratio Lower Upper

106 100

91 208.9 159.6 239.4

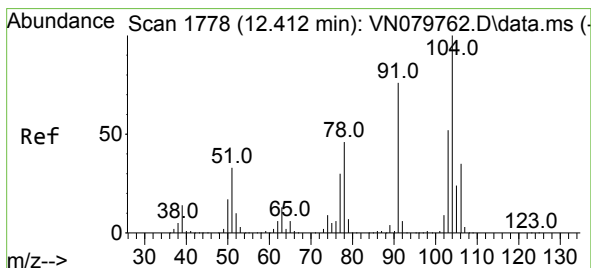
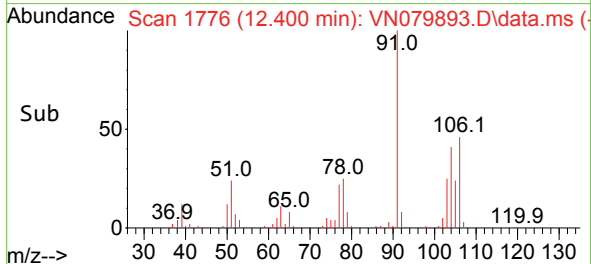
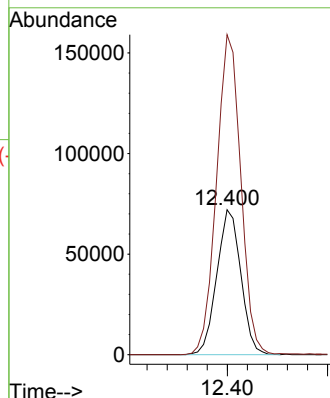
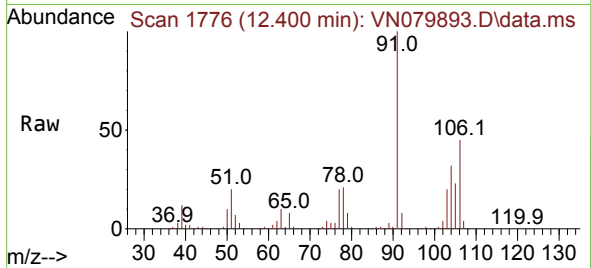




#69
o-Xylene
Concen: 18.925 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

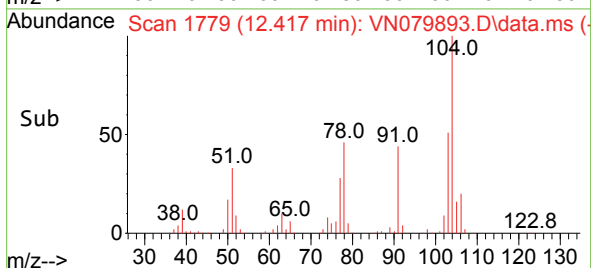
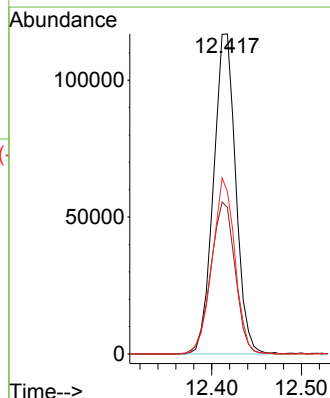
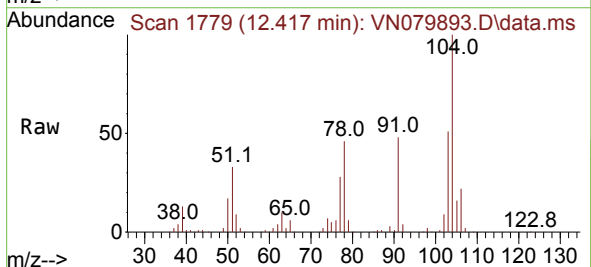
Instrument :
MSVOA_N
ClientSampleId :

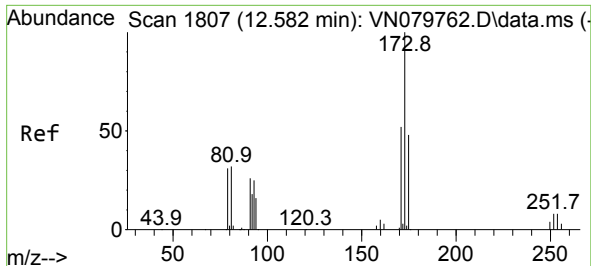
Tgt Ion:106 Resp: 119848
Ion Ratio Lower Upper
106 100
91 223.5 105.2 315.5



#70
Styrene
Concen: 19.795 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

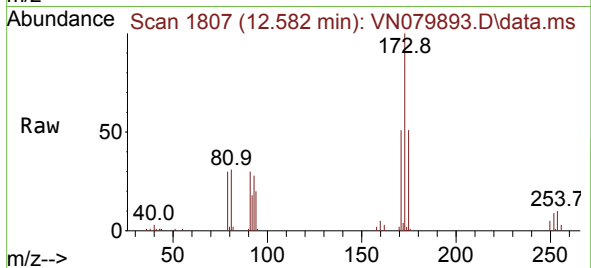
Tgt Ion:104 Resp: 201463
Ion Ratio Lower Upper
104 100
78 52.0 39.5 59.3
103 56.2 43.2 64.8



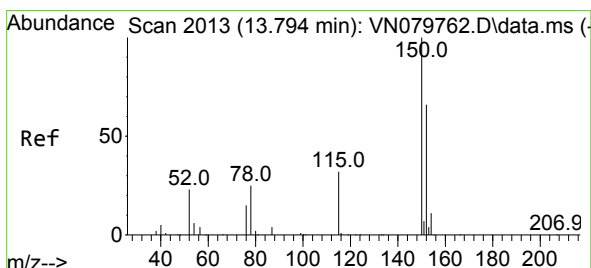
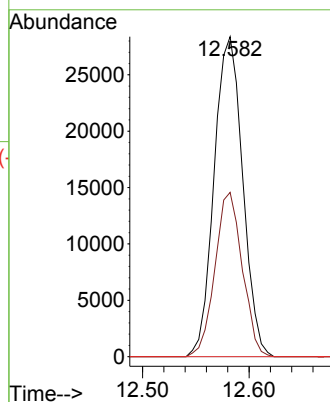
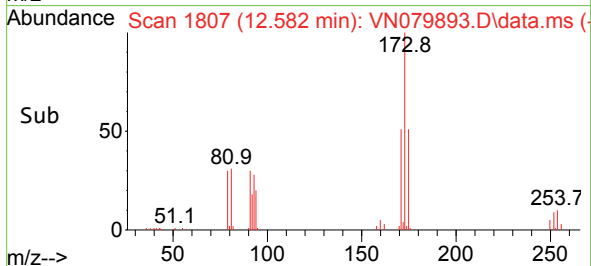


#71
Bromoform
Concen: 20.365 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

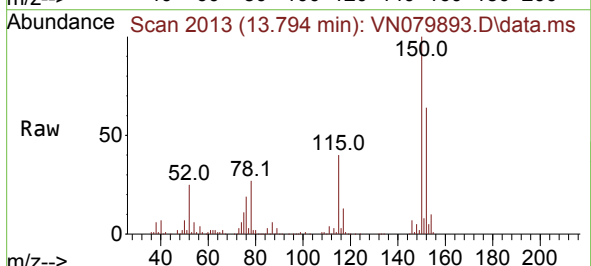
Instrument :
MSVOA_N
ClientSampleId :



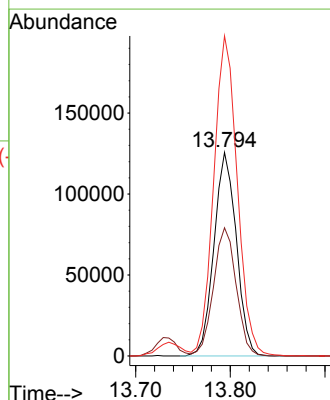
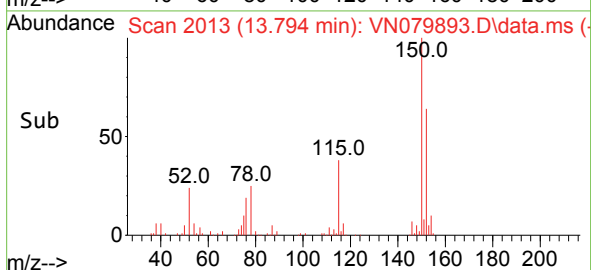
Tgt Ion:173 Resp: 52794
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

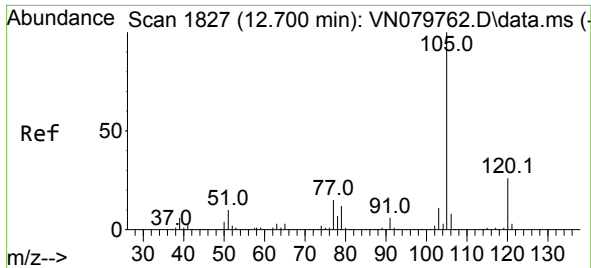


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18



Tgt Ion:152 Resp: 206414
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 165.5 0.0 355.8

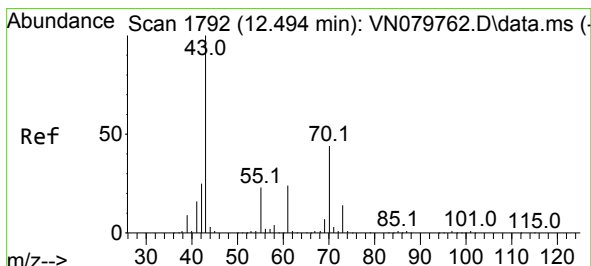
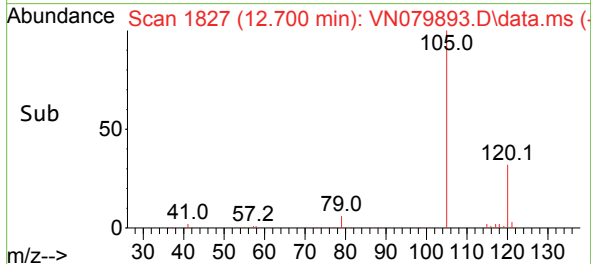
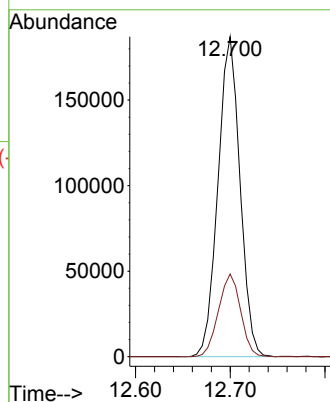
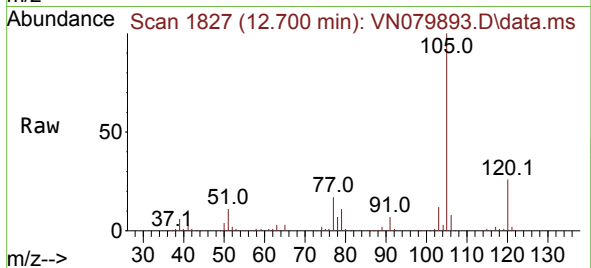




#73
Isopropylbenzene
Concen: 19.279 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

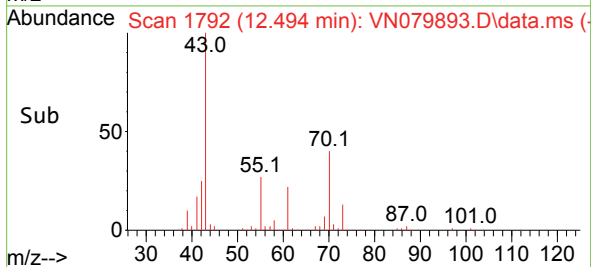
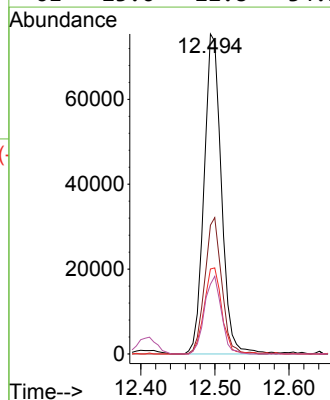
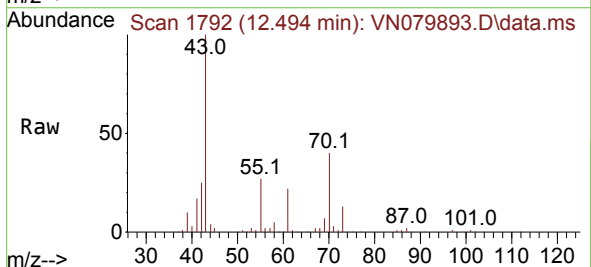
Instrument :
MSVOA_N
ClientSampleId :

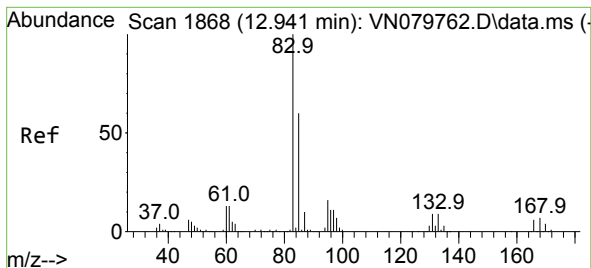
Tgt Ion:105 Resp: 302020
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 17.916 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 43 Resp: 122508
Ion Ratio Lower Upper
43 100
70 41.6 43.4 65.2#
55 27.6 21.4 32.0
61 23.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.580 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

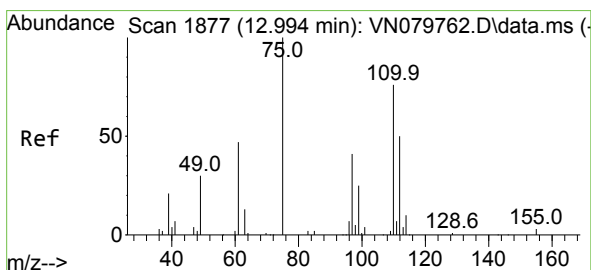
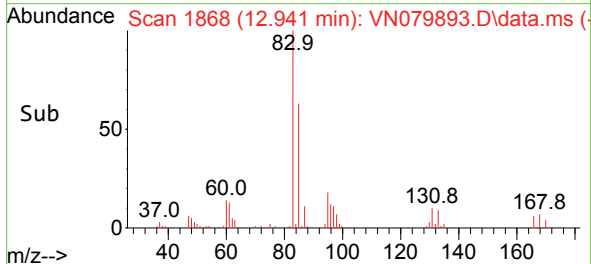
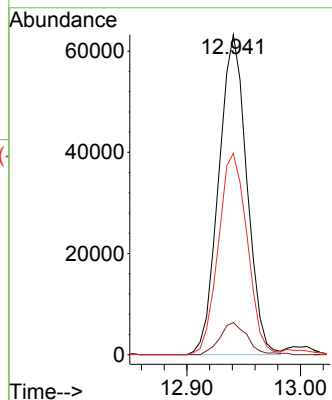
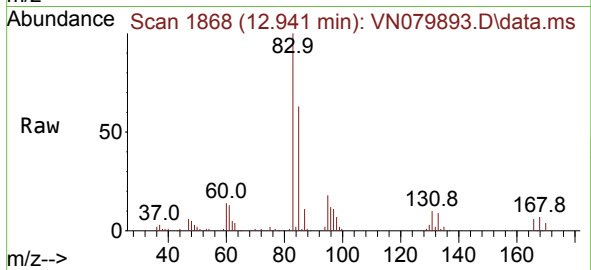
Tgt Ion: 83 Resp: 108753

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

85 64.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.267 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN079893.D

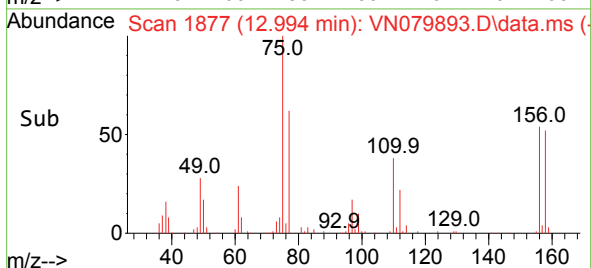
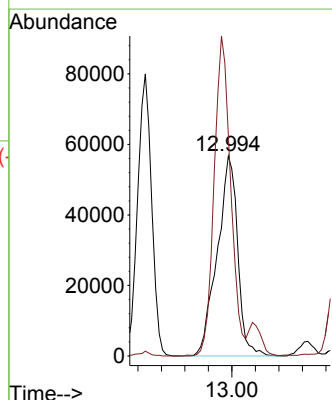
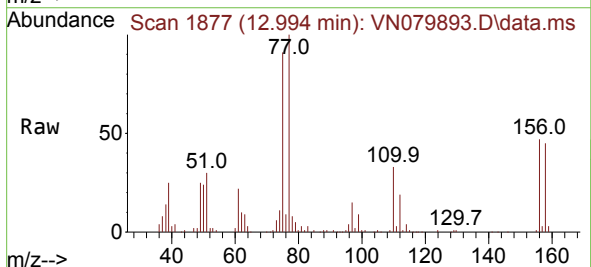
Acq: 04 Nov 2023 15:18

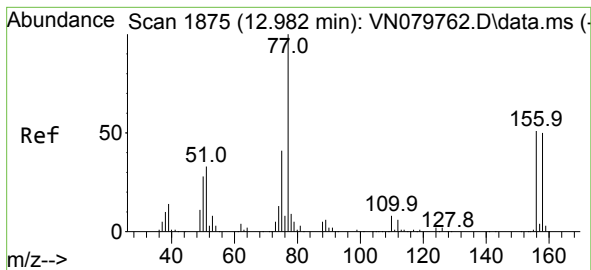
Tgt Ion: 75 Resp: 136983

Ion Ratio Lower Upper

75 100

77 129.5 84.5 253.5





#77

Bromobenzene

Concen: 20.226 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

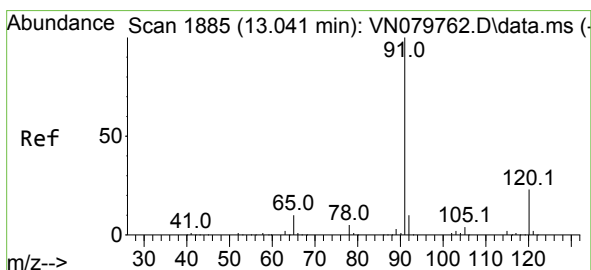
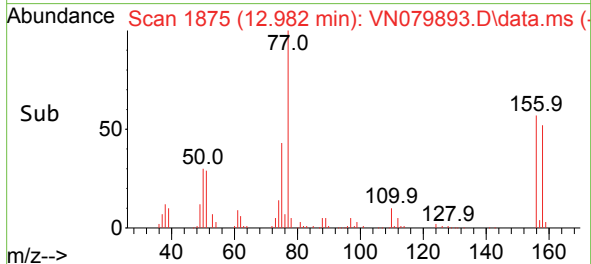
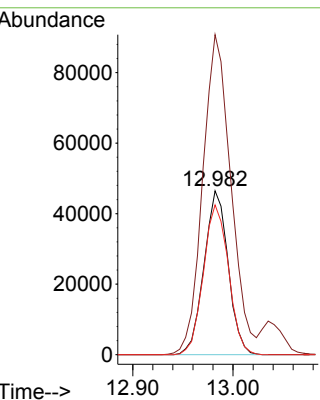
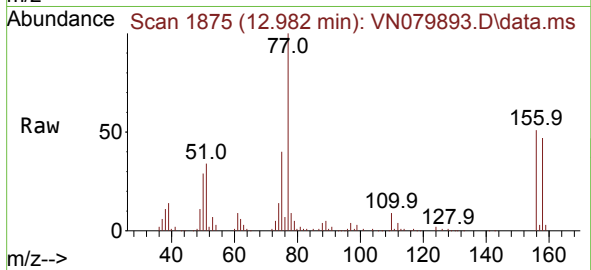
Tgt Ion:156 Resp: 77575

Ion Ratio Lower Upper

156 100

77 228.7 107.7 323.3

158 95.2 48.4 145.3



#78

n-propylbenzene

Concen: 20.177 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN079893.D

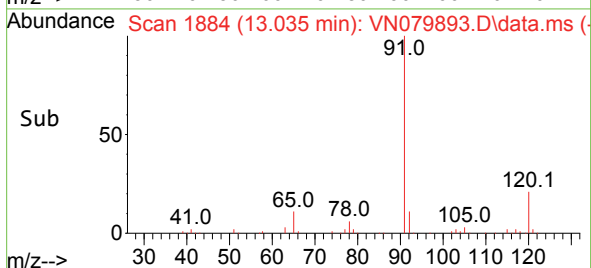
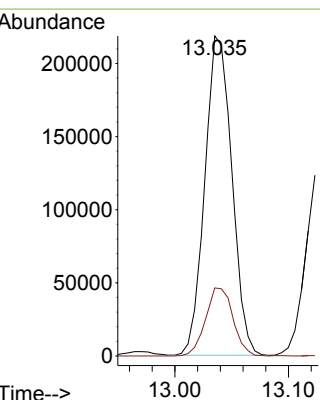
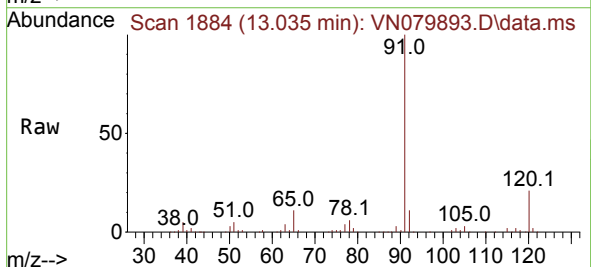
Acq: 04 Nov 2023 15:18

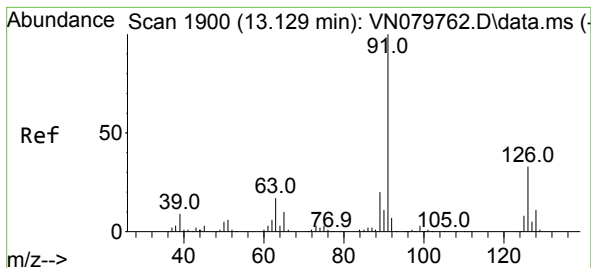
Tgt Ion: 91 Resp: 361970

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4

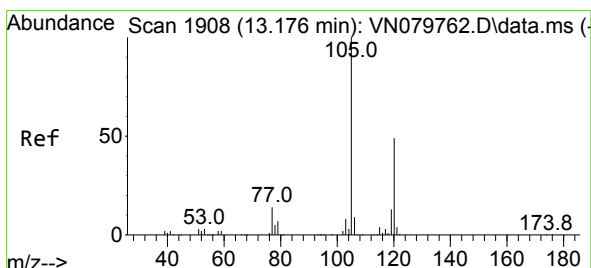
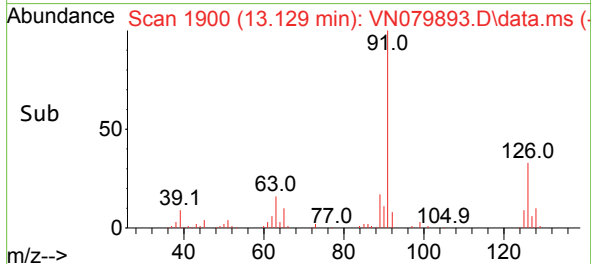
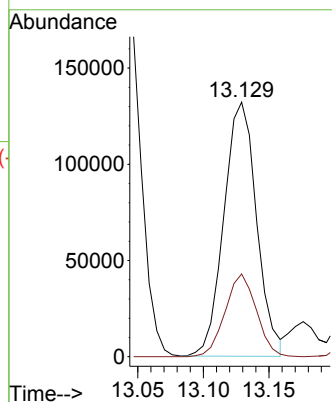
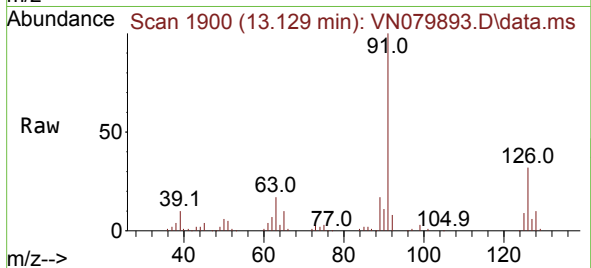




#79
2-Chlorotoluene
Concen: 20.027 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

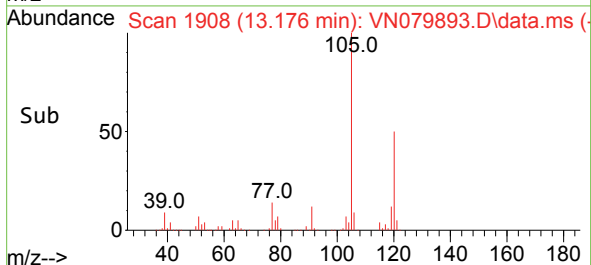
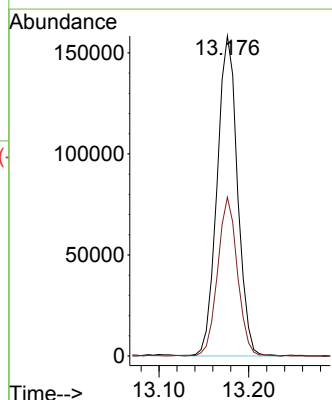
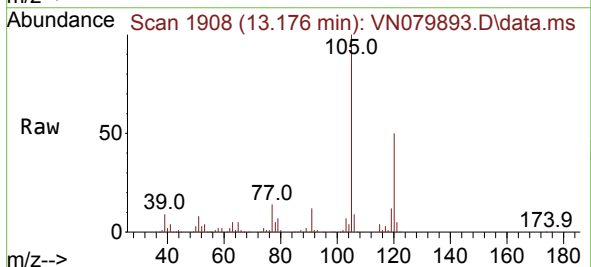
Instrument :
MSVOA_N
ClientSampleId :

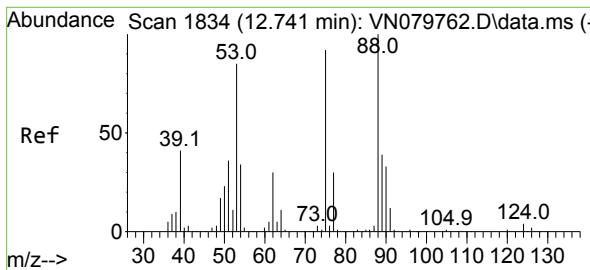
Tgt Ion: 91 Resp: 229513
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.545 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 105 Resp: 250412
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3

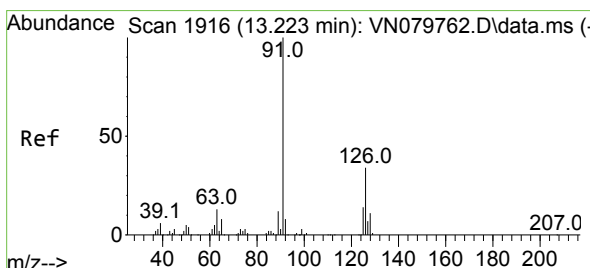
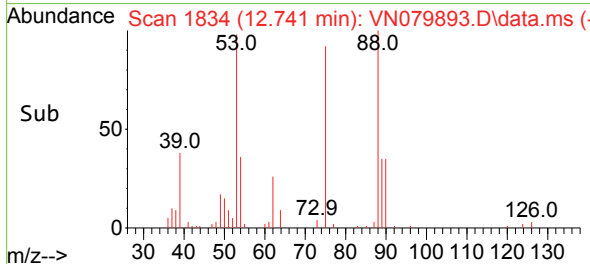
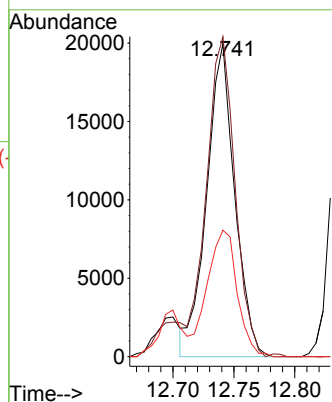
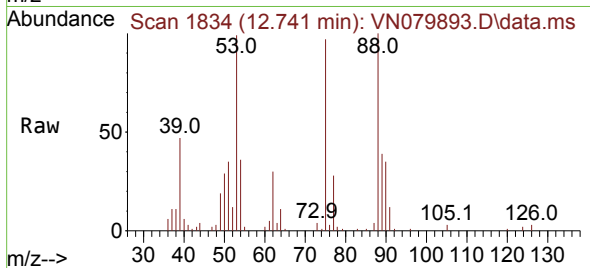




#81
trans-1,4-Dichloro-2-butene
Concen: 17.915 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

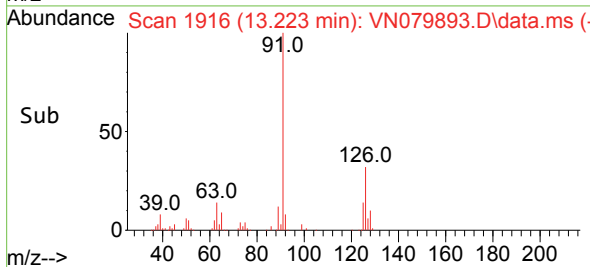
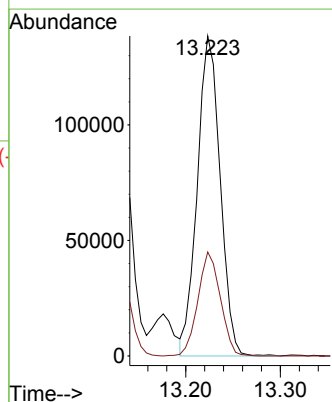
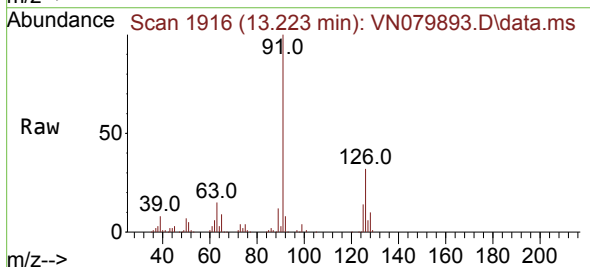
Instrument :
MSVOA_N
ClientSampleId :

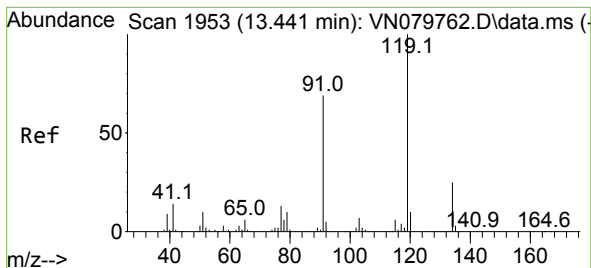
Tgt Ion: 75 Resp: 31909
Ion Ratio Lower Upper
75 100
53 116.2 67.4 101.2#
89 43.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 20.404 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion: 91 Resp: 232362
Ion Ratio Lower Upper
91 100
126 31.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 20.134 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

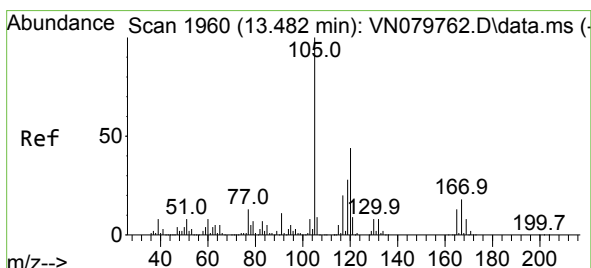
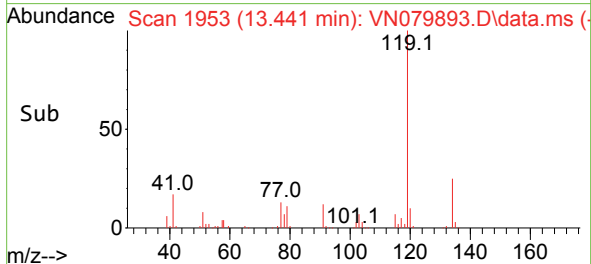
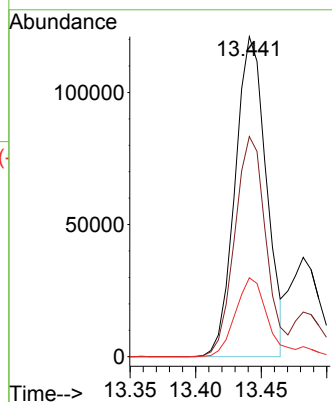
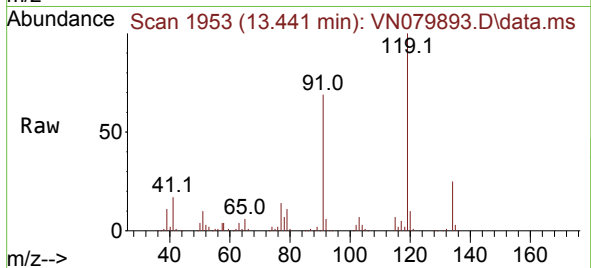
Tgt Ion:119 Resp: 200873

Ion Ratio Lower Upper

119 100

91 69.4 33.9 101.7

134 26.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.937 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN079893.D

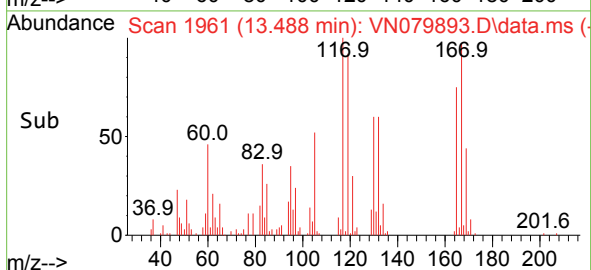
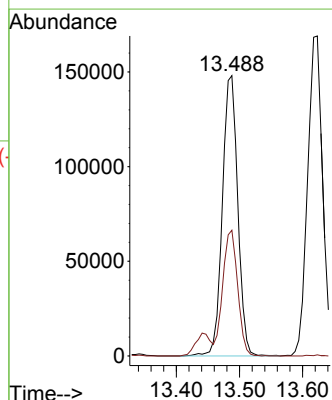
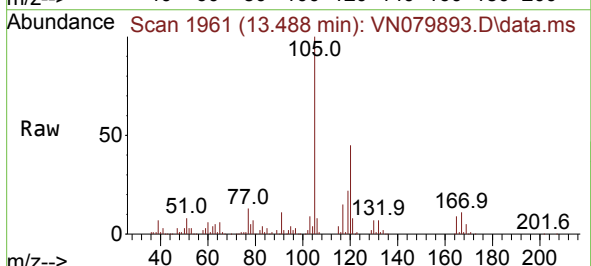
Acq: 04 Nov 2023 15:18

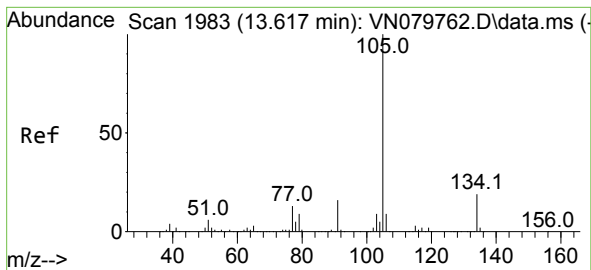
Tgt Ion:105 Resp: 251072

Ion Ratio Lower Upper

105 100

120 43.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.170 ug/l

RT: 13.623 min Scan# 1983

Delta R.T. 0.006 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

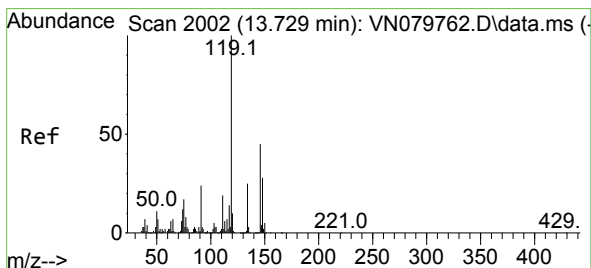
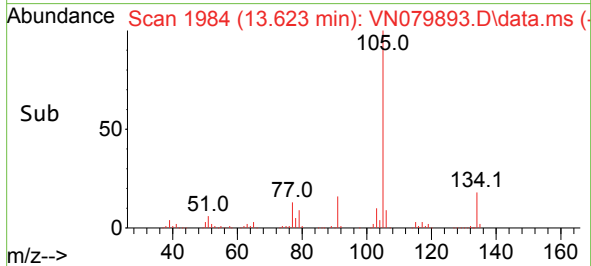
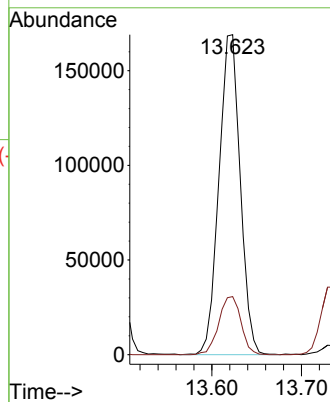
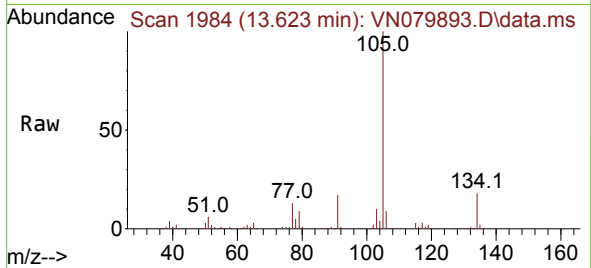
ClientSampleId :

Tgt Ion:105 Resp: 278803

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.930 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

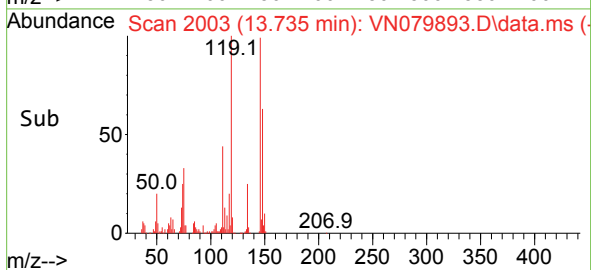
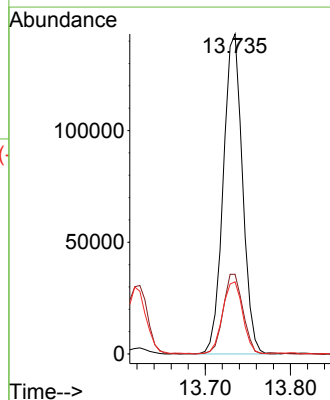
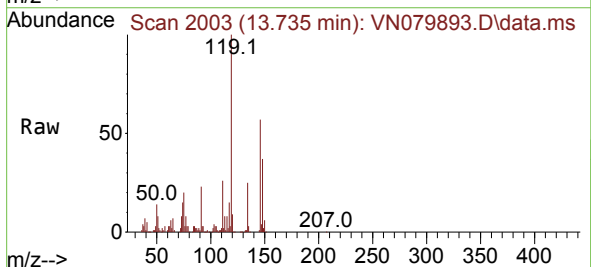
Tgt Ion:119 Resp: 224595

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 23.7 12.4 37.2

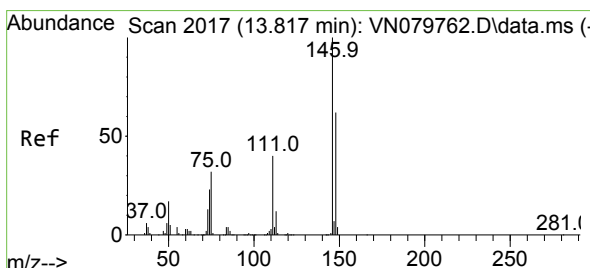
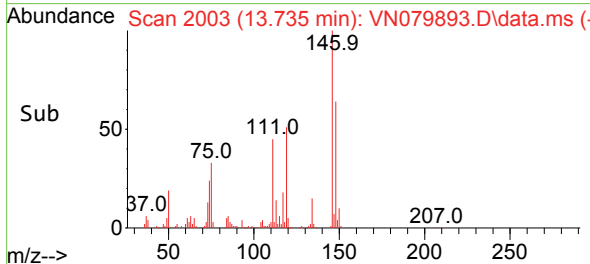
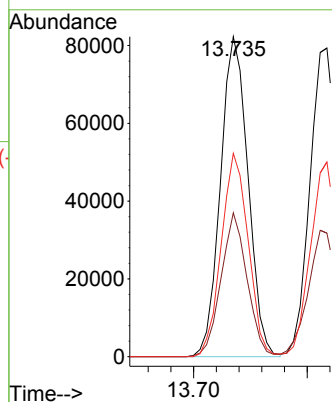
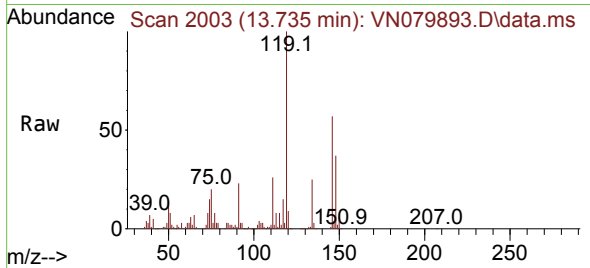




#87
1,3-Dichlorobenzene
Concen: 19.401 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

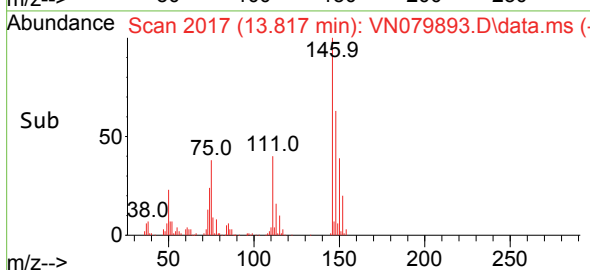
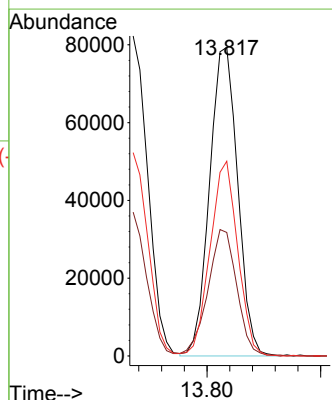
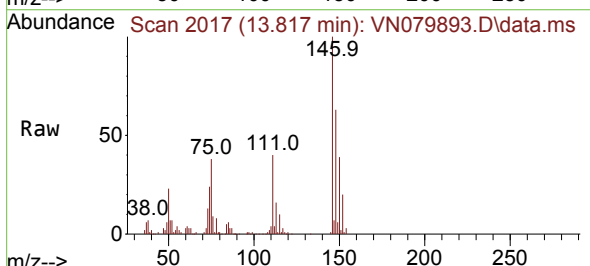
Instrument :
MSVOA_N
ClientSampleId :

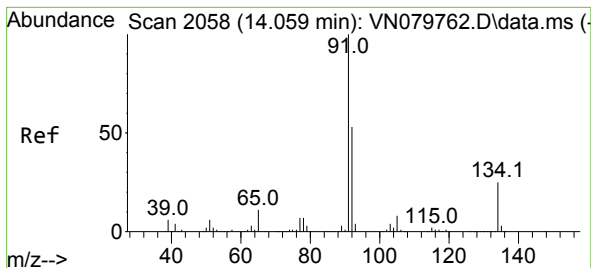
Tgt Ion:146 Resp: 138421
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 62.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 18.852 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

Tgt Ion:146 Resp: 136525
Ion Ratio Lower Upper
146 100
111 42.2 20.6 61.8
148 62.0 31.6 94.8





#89

n-Butylbenzene

Concen: 18.822 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

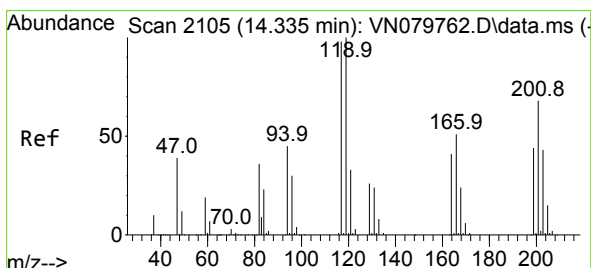
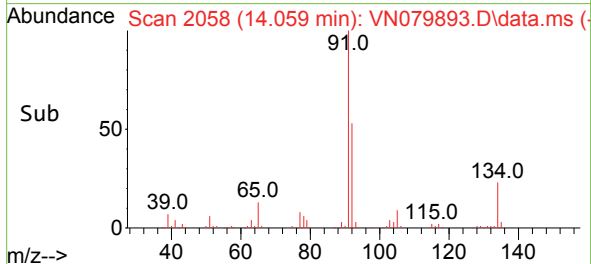
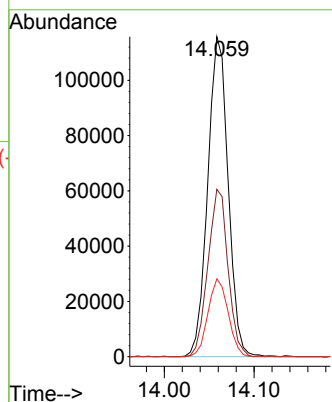
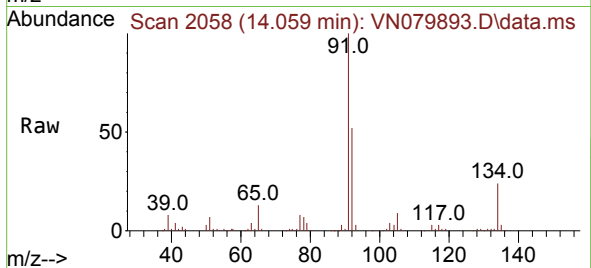
Tgt Ion: 91 Resp: 182692

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

134 24.0 12.6 37.6



#90

Hexachloroethane

Concen: 19.286 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN079893.D

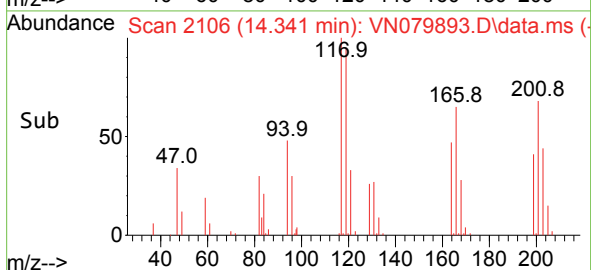
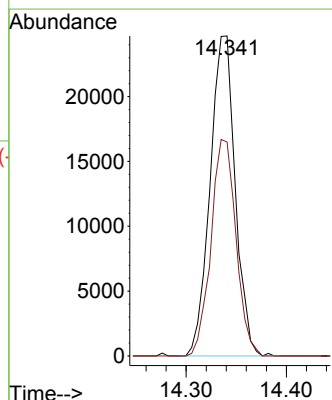
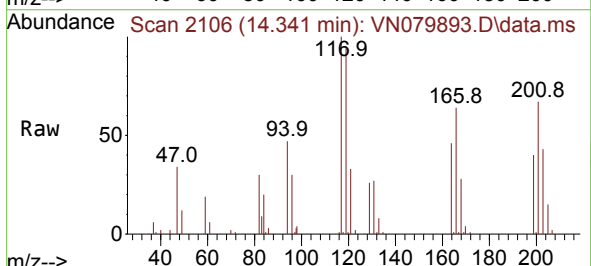
Acq: 04 Nov 2023 15:18

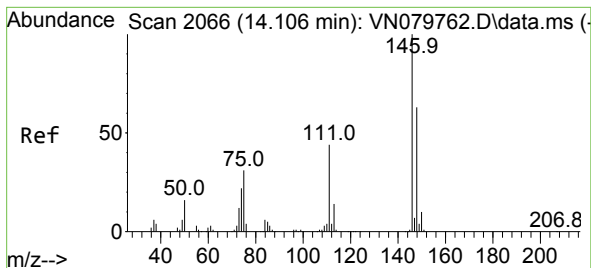
Tgt Ion: 117 Resp: 43043

Ion Ratio Lower Upper

117 100

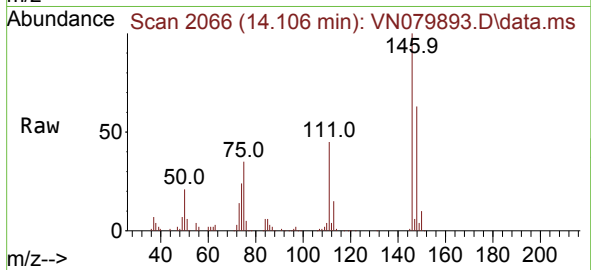
201 67.2 29.3 88.0



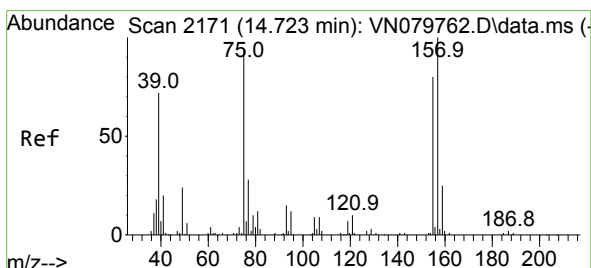
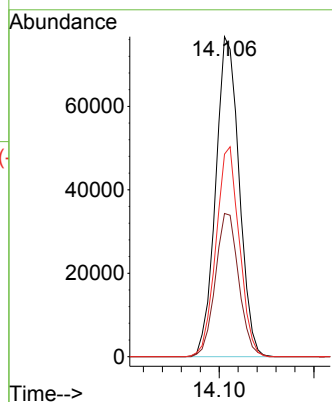
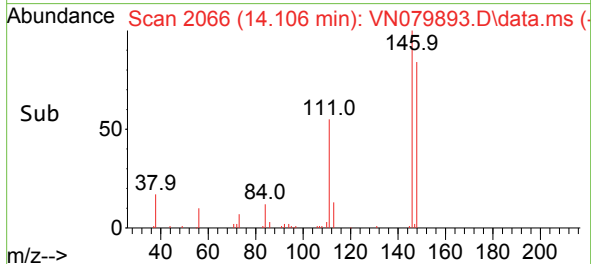


#91
1,2-Dichlorobenzene
Concen: 19.568 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18

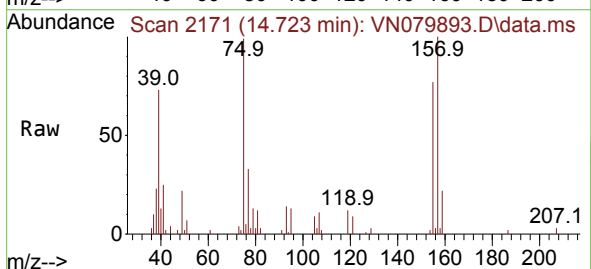
Instrument :
MSVOA_N
ClientSampleId :



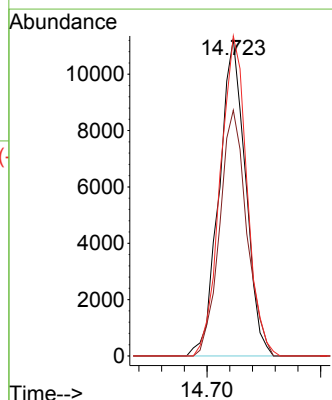
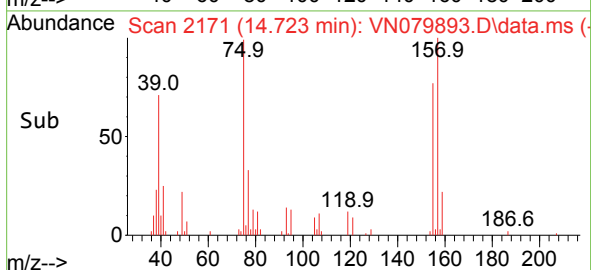
Tgt Ion:146 Resp: 131796
Ion Ratio Lower Upper
146 100
111 44.8 22.0 66.0
148 65.2 31.8 95.3

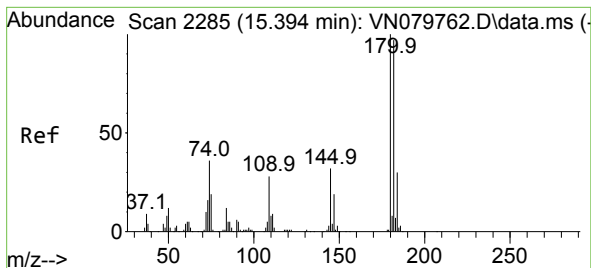


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.207 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079893.D
Acq: 04 Nov 2023 15:18



Tgt Ion: 75 Resp: 18091
Ion Ratio Lower Upper
75 100
155 79.6 39.1 117.2
157 102.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.488 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

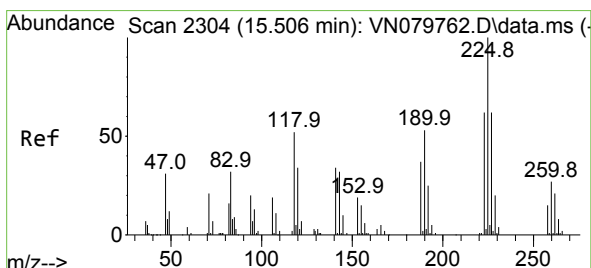
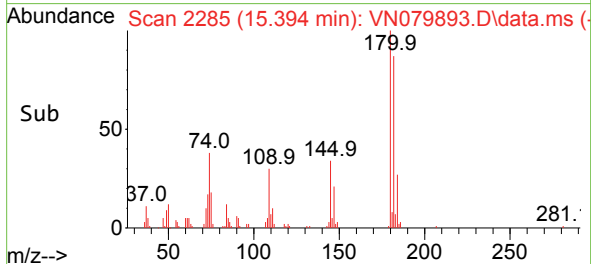
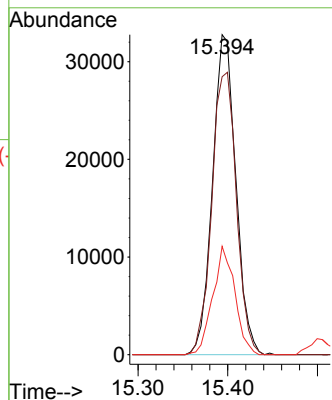
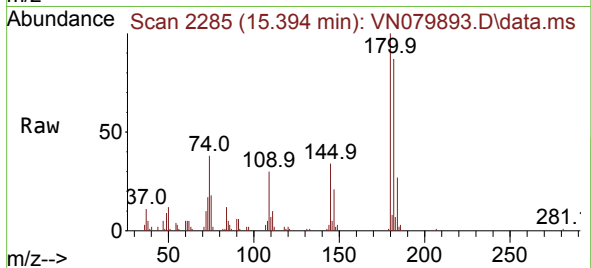
Tgt Ion:180 Resp: 59209

Ion Ratio Lower Upper

180 100

182 92.9 46.1 138.2

145 32.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.444 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

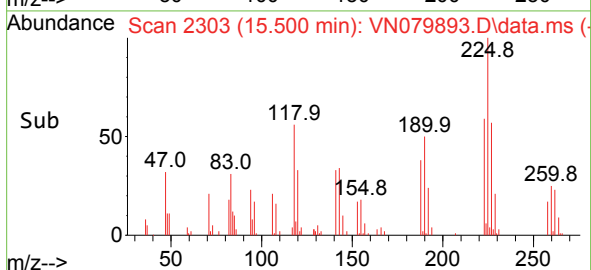
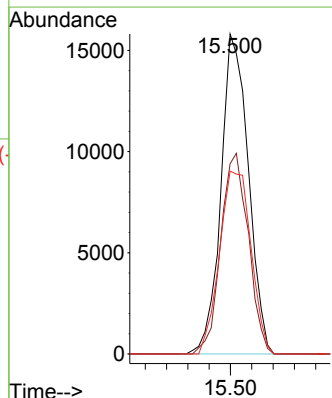
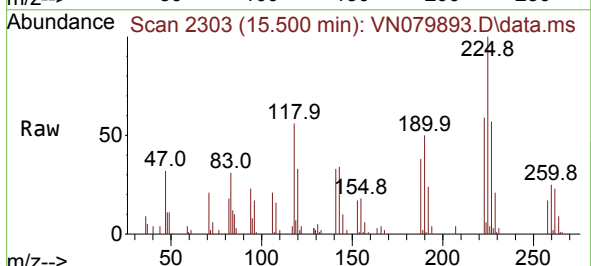
Tgt Ion:225 Resp: 28229

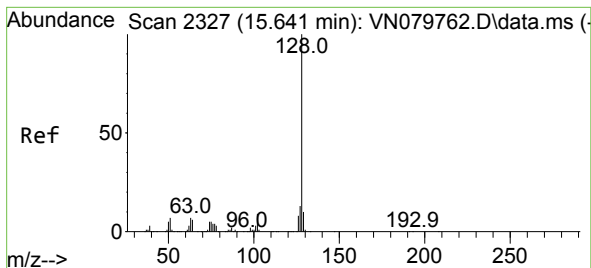
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 65.6 31.9 95.9





#95

Naphthalene

Concen: 16.073 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

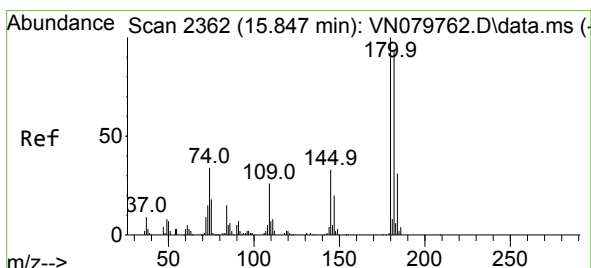
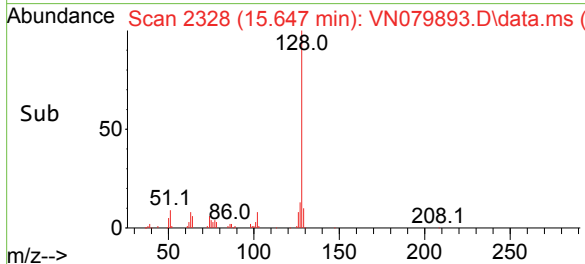
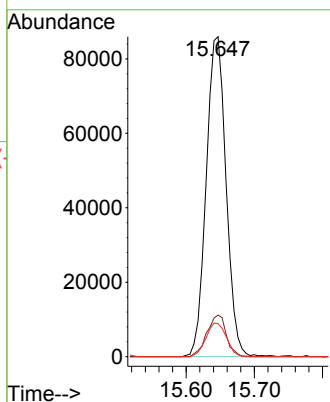
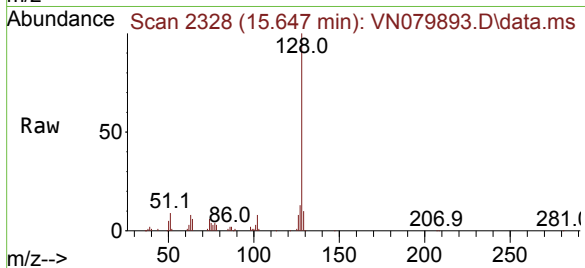
Tgt Ion:128 Resp: 174563

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.989 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079893.D

Acq: 04 Nov 2023 15:18

Tgt Ion:180 Resp: 59613

Ion Ratio Lower Upper

180 100

182 93.0 46.2 138.6

145 33.0 17.5 52.6

