

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079136.D
 Acq On : 02 Sep 2023 12:10
 Operator : JC\MD
 Sample : VN0902WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Quant Time: Sep 04 01:00:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	250630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	420839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	377955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167295	42.896	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.800%
35) Dibromofluoromethane	8.171	113	145370	51.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.640%
50) Toluene-d8	10.571	98	500880	47.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.853	95	173582	50.487	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	57480	16.529	ug/l	97
3) Chloromethane	2.365	50	36433	7.504	ug/l	98
4) Vinyl Chloride	2.518	62	56272	13.215	ug/l	95
5) Bromomethane	2.959	94	26941	11.020	ug/l	92
6) Chloroethane	3.124	64	26477	8.895	ug/l	97
7) Trichlorofluoromethane	3.500	101	54598	10.527	ug/l	95
8) Diethyl Ether	3.965	74	35620	18.116	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.377	101	54150	19.604	ug/l	97
10) Methyl Iodide	4.594	142	62830	20.330	ug/l	95
11) Tert butyl alcohol	5.530	59	43777	66.893	ug/l	98
12) 1,1-Dichloroethene	4.342	96	49698	18.470	ug/l	84
13) Acrolein	4.183	56	25679	65.624	ug/l	100
14) Allyl chloride	5.024	41	86039	16.066	ug/l #	84
15) Acrylonitrile	5.730	53	142171	80.192	ug/l	100
16) Acetone	4.430	43	137913	85.702	ug/l	96
17) Carbon Disulfide	4.718	76	132796	17.631	ug/l	98
18) Methyl Acetate	5.030	43	99162	14.587	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	175128	18.068	ug/l	98
20) Methylene Chloride	5.283	84	65359	19.059	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	56732	18.802	ug/l	84
22) Diisopropyl ether	6.677	45	195165	17.227	ug/l #	91
23) Vinyl Acetate	6.606	43	564932	75.732	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	112819	18.229	ug/l	98
25) 2-Butanone	7.488	43	189044	73.273	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	95154	19.020	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	67343	18.363	ug/l	88
28) Bromochloromethane	7.818	49	60254	18.353	ug/l #	79
29) Tetrahydrofuran	7.841	42	117121	68.585	ug/l #	76
30) Chloroform	7.971	83	116692	18.872	ug/l	95
31) Cyclohexane	8.265	56	89295	16.594	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	97918	18.572	ug/l	99
36) 1,1-Dichloropropene	8.371	75	82172	19.283	ug/l	96
37) Ethyl Acetate	7.565	43	74170	15.556	ug/l #	94
38) Carbon Tetrachloride	8.365	117	85365	19.993	ug/l	96
39) Methylcyclohexane	9.606	83	79779	20.356	ug/l #	83
40) Benzene	8.606	78	253198	20.102	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	42061	16.198	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	86967	18.481	ug/l	100
43) Isopropyl Acetate	8.694	43	131635	15.620	ug/l #	91
44) Trichloroethene	9.353	130	60037	20.060	ug/l	99
45) 1,2-Dichloropropane	9.624	63	67798	20.217	ug/l	99
46) Dibromomethane	9.712	93	44231	19.230	ug/l	94
47) Bromodichloromethane	9.894	83	90572	19.941	ug/l	98
48) Methyl methacrylate	9.682	41	57388	15.028	ug/l #	81
49) 1,4-Dioxane	9.700	88	19831	304.882	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	378421	75.712	ug/l	92
52) Toluene	10.635	92	156253	20.205	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	91550	18.796	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	101521	19.137	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	62941	20.299	ug/l	96
56) Ethyl methacrylate	10.876	69	89449	18.610	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	108640	19.589	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	178258	77.259	ug/l	89
59) 2-Hexanone	11.200	43	257790	71.209	ug/l	92
60) Dibromochloromethane	11.365	129	52628	16.129	ug/l	99
61) 1,2-Dibromoethane	11.476	107	47879	15.195	ug/l	96
64) Tetrachloroethene	11.106	164	50812	21.438	ug/l	93
65) Chlorobenzene	11.894	112	158184	19.662	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	60966	20.052	ug/l	96
67) Ethyl Benzene	11.965	91	281180	19.219	ug/l	96
68) m/p-Xylenes	12.076	106	209216	38.247	ug/l	95
69) o-Xylene	12.400	106	100563	18.899	ug/l	94
70) Styrene	12.417	104	164639	18.556	ug/l	96
71) Bromoform	12.582	173	43525	19.691	ug/l #	99
73) Isopropylbenzene	12.700	105	256582	19.437	ug/l	100
74) N-amyl acetate	12.500	43	93165	13.982	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	86846	18.220	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	103663	27.174	ug/l	74
77) Bromobenzene	12.982	156	61972	19.530	ug/l	97
78) n-propylbenzene	13.041	91	296655	19.379	ug/l	98
79) 2-Chlorotoluene	13.129	91	186660	19.657	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	213891	20.446	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	23782	15.926	ug/l #	78
82) 4-Chlorotoluene	13.229	91	179162	19.283	ug/l	98
83) tert-Butylbenzene	13.441	119	183686	20.898	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	209294	20.205	ug/l	98
85) sec-Butylbenzene	13.623	105	246620	20.388	ug/l	99
86) p-Isopropyltoluene	13.735	119	196496	20.332	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	104288	19.100	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	100090	18.314	ug/l	98
89) n-Butylbenzene	14.059	91	153712	19.327	ug/l	100
90) Hexachloroethane	14.341	117	38178	19.707	ug/l	76
91) 1,2-Dichlorobenzene	14.111	146	101726	18.734	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13450	13.935	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	34316	17.827	ug/l	98
94) Hexachlorobutadiene	15.500	225	26207	24.028	ug/l	97
95) Naphthalene	15.647	128	82940	13.357	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	29305	13.900	ug/l	94

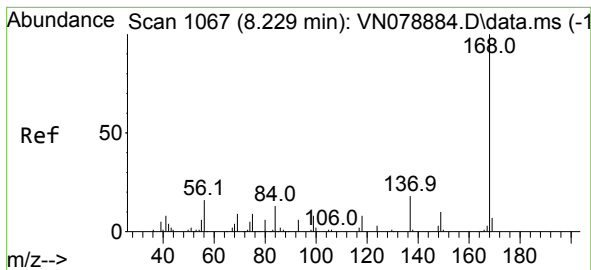
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. -0.001 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

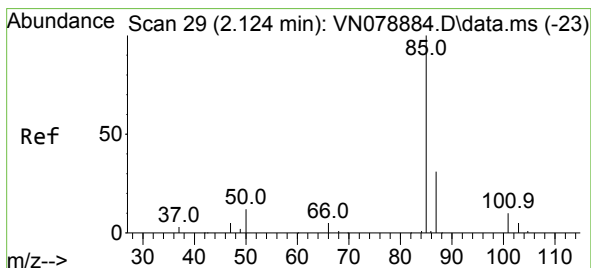
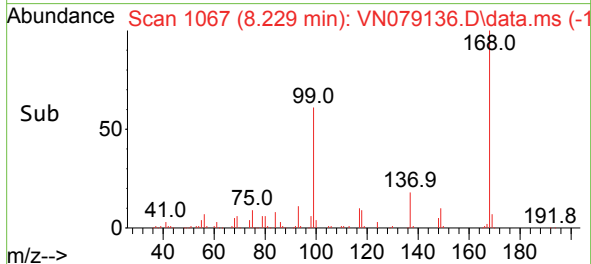
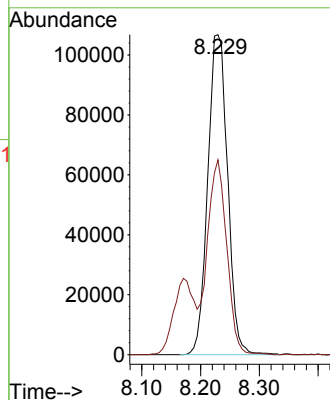
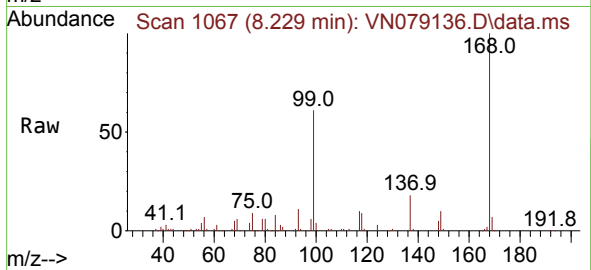
VN0902WBS01

Tgt Ion:168 Resp: 250630

Ion Ratio Lower Upper

168 100

99 60.9 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 16.529 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.006 min

Lab File: VN079136.D

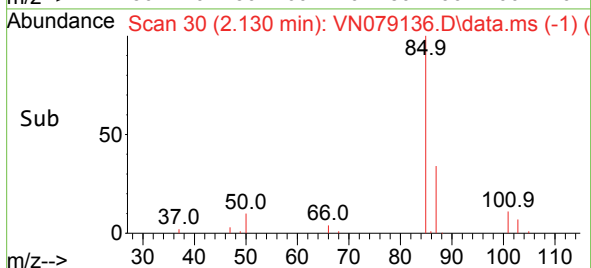
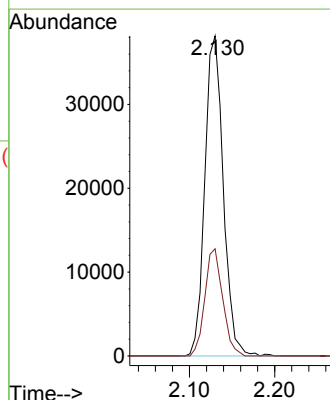
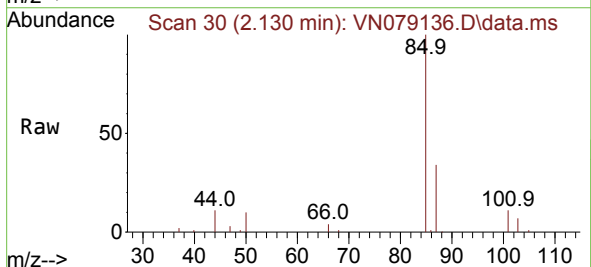
Acq: 02 Sep 2023 12:10

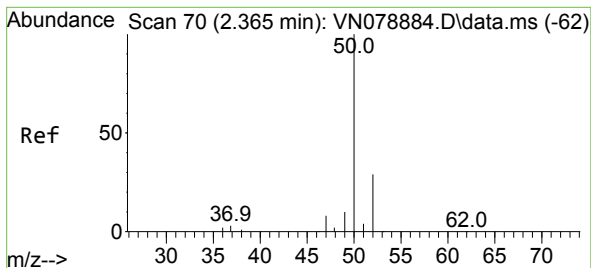
Tgt Ion: 85 Resp: 57480

Ion Ratio Lower Upper

85 100

87 33.5 15.8 47.4





#3

Chloromethane

Concen: 7.504 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

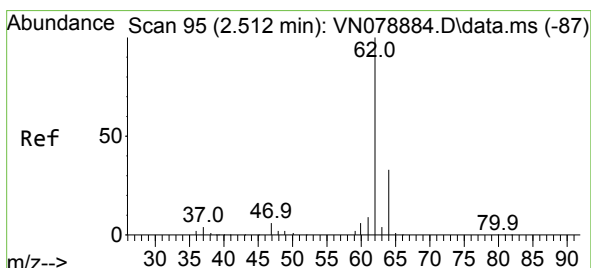
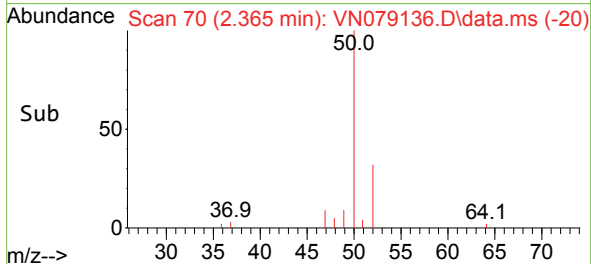
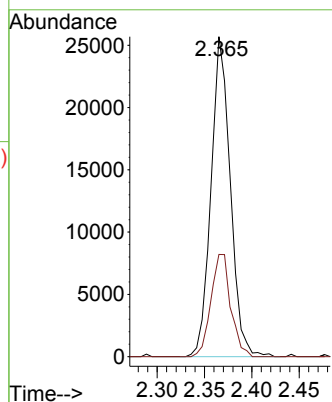
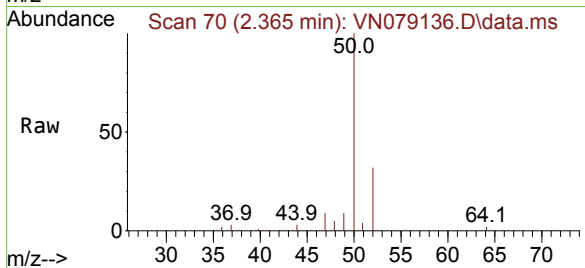
VN0902WBS01

Tgt Ion: 50 Resp: 36433

Ion Ratio Lower Upper

50 100

52 32.0 26.5 39.7



#4

Vinyl Chloride

Concen: 13.215 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079136.D

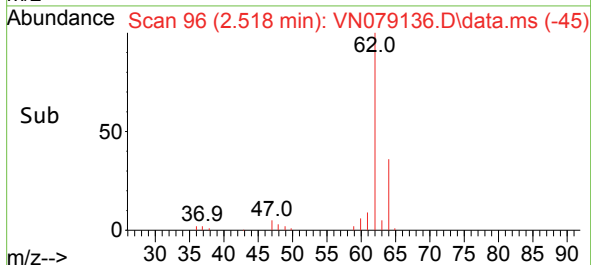
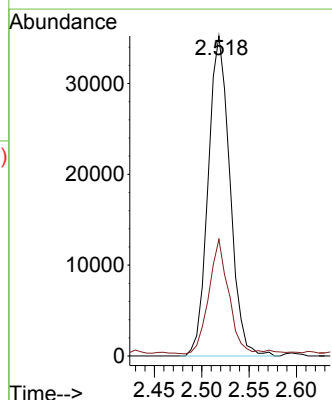
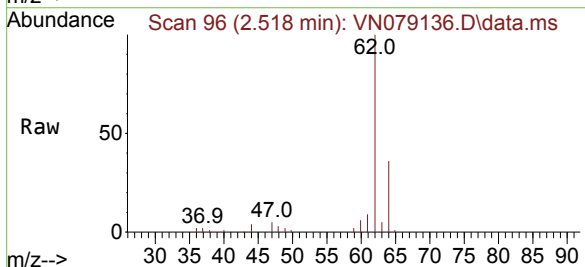
Acq: 02 Sep 2023 12:10

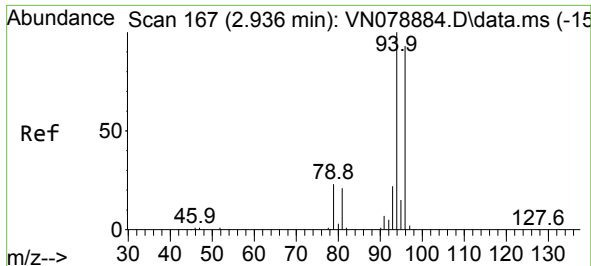
Tgt Ion: 62 Resp: 56272

Ion Ratio Lower Upper

62 100

64 35.7 26.2 39.2

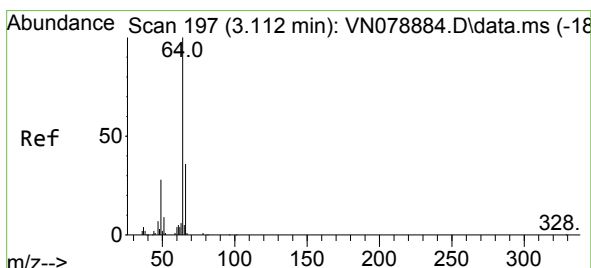
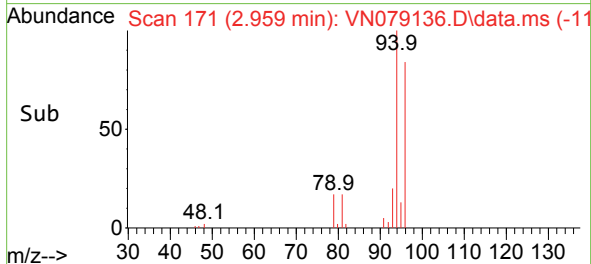
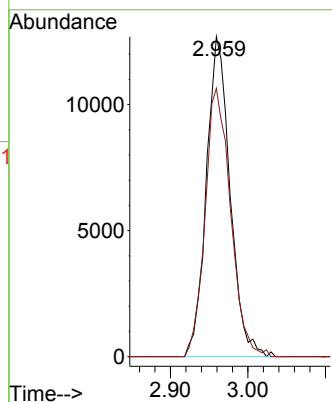
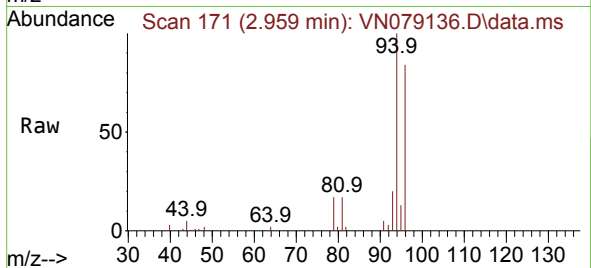




#5
Bromomethane
Concen: 11.020 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

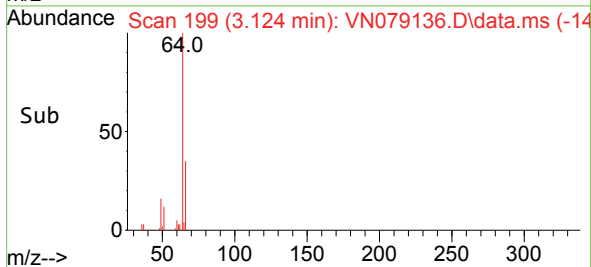
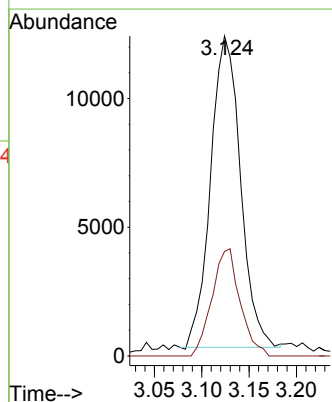
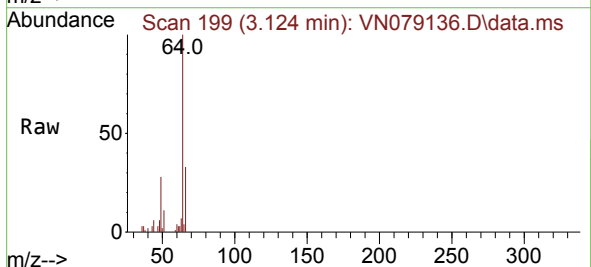
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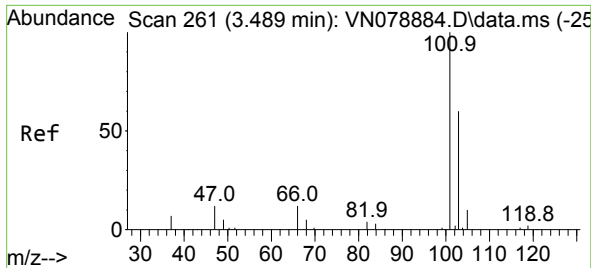
Tgt Ion: 94 Resp: 26941
Ion Ratio Lower Upper
94 100
96 83.9 73.1 109.7



#6
Chloroethane
Concen: 8.895 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 64 Resp: 26477
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.2

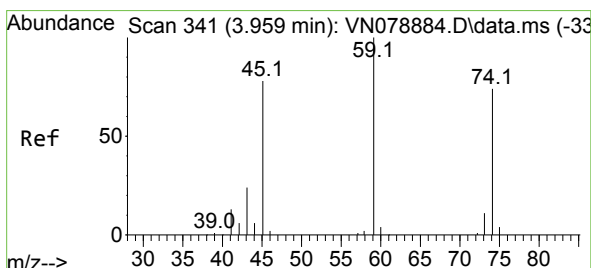
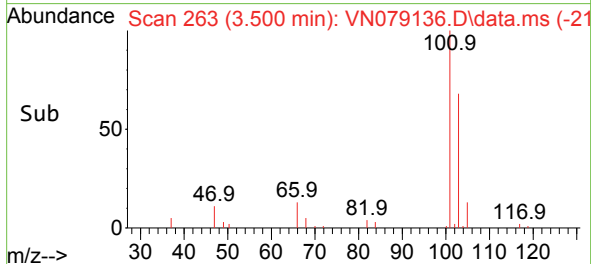
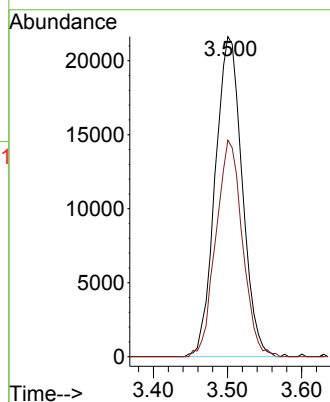
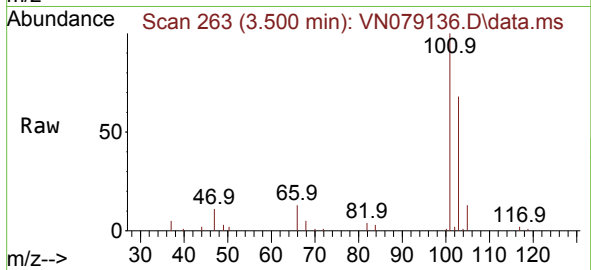




#7
Trichlorofluoromethane
Concen: 10.527 ug/l
RT: 3.500 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

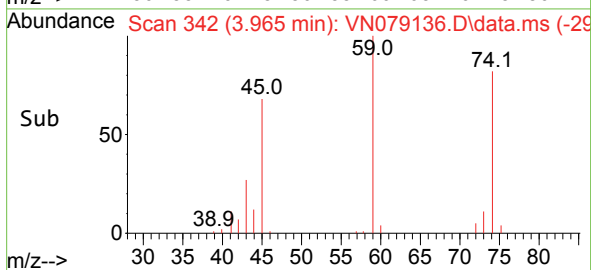
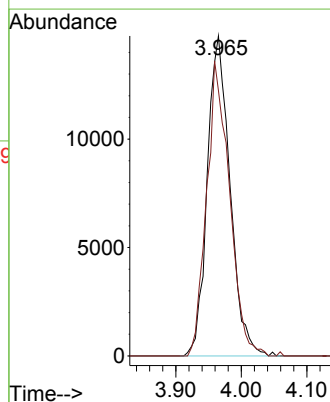
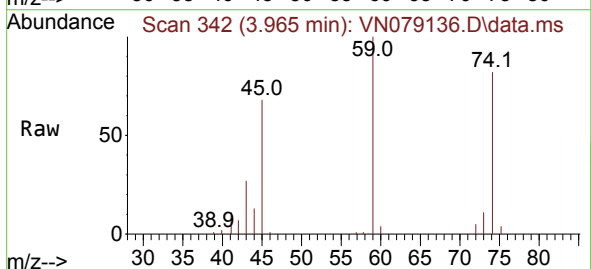
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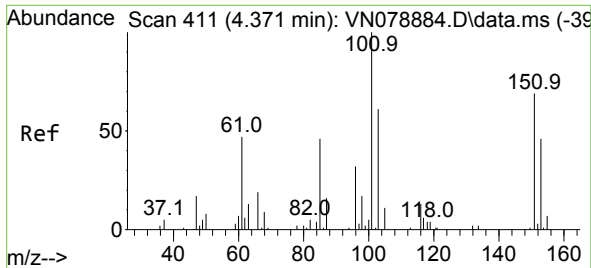
Tgt Ion:101 Resp: 54598
Ion Ratio Lower Upper
101 100
103 67.7 50.7 76.1



#8
Diethyl Ether
Concen: 18.116 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 74 Resp: 35620
Ion Ratio Lower Upper
74 100
45 92.9 34.4 103.3

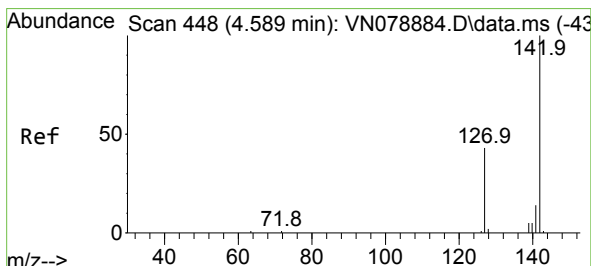
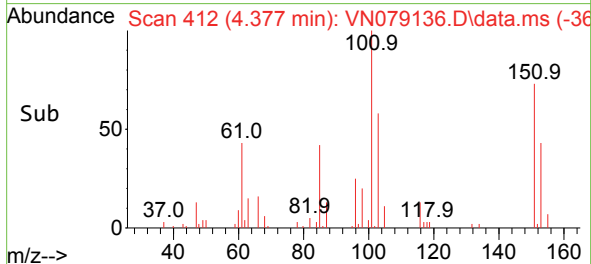
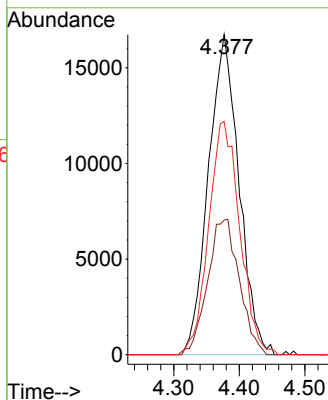
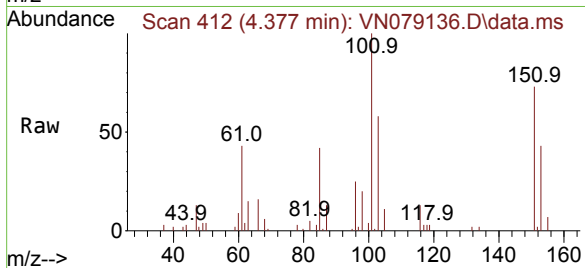




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.604 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079136.D
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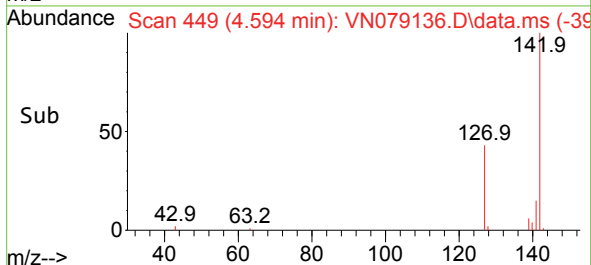
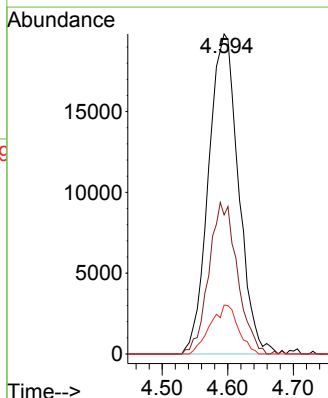
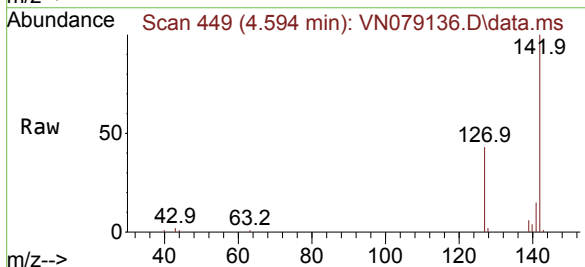
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ClientSampleId :
VN0902WBS01

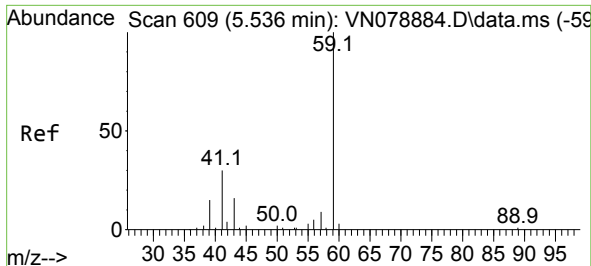
Tgt Ion:101 Resp: 54150
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 74.2 57.6 86.4



#10
Methyl Iodide
Concen: 20.330 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion:142 Resp: 62830
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 15.3 11.4 17.0

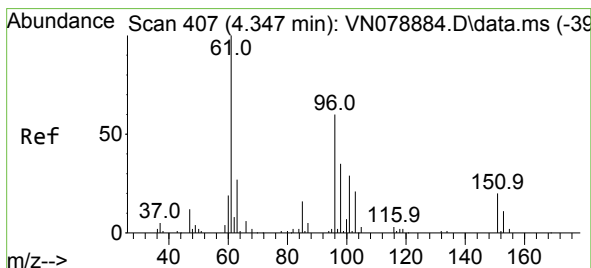
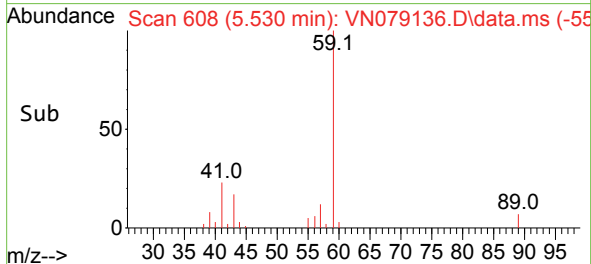
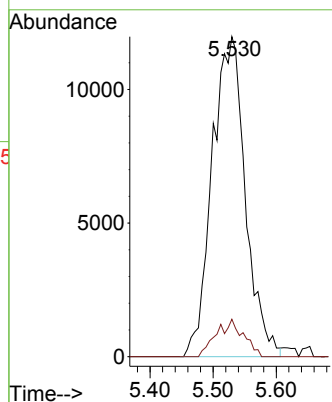
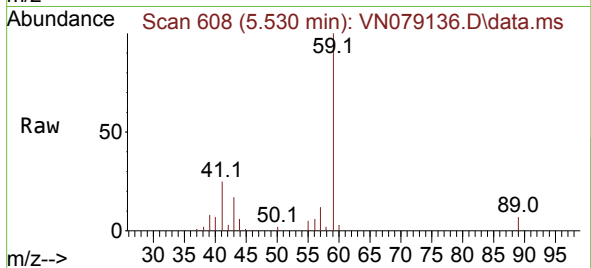




#11
Tert butyl alcohol
Concen: 66.893 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

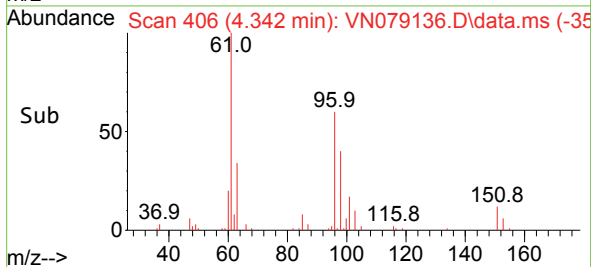
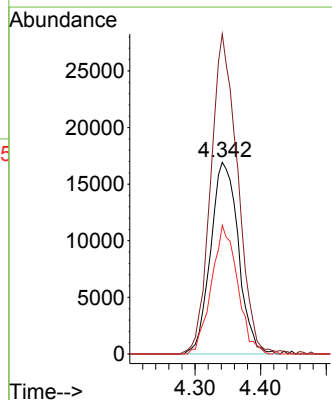
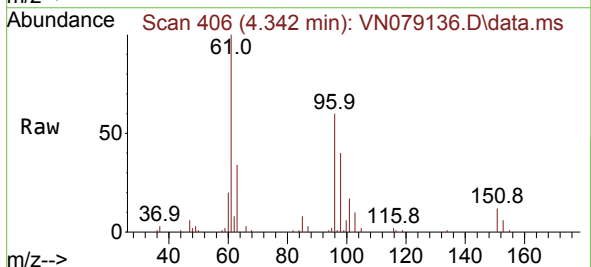
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

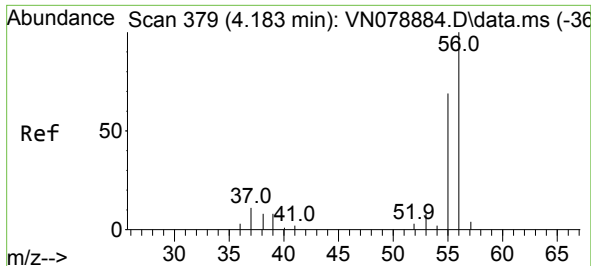
Tgt Ion: 59 Resp: 43777
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.470 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 96 Resp: 49698
Ion Ratio Lower Upper
96 100
61 166.9 112.7 169.1
98 67.1 51.2 76.8





#13

Acrolein

Concen: 65.624 ug/l

RT: 4.183 min Scan# 379

Delta R.T. -0.012 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

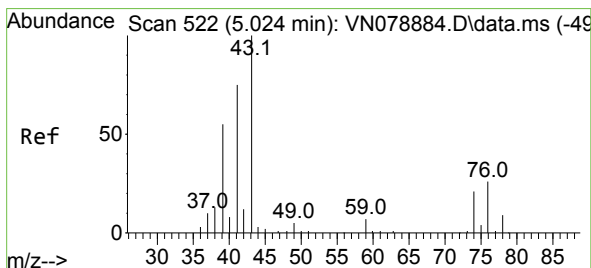
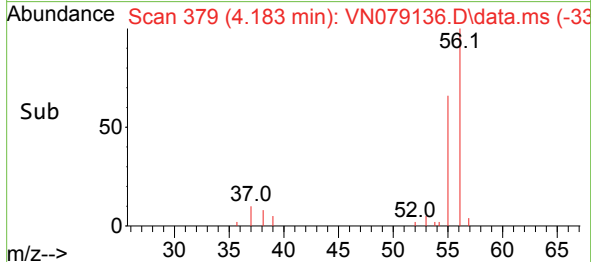
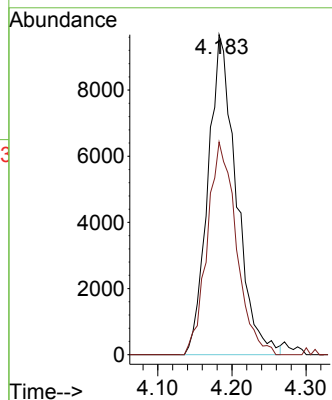
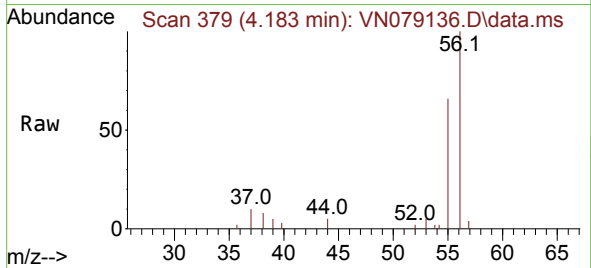
VN0902WBS01

Tgt Ion: 56 Resp: 25679

Ion Ratio Lower Upper

56 100

55 68.3 54.5 81.7



#14

Allyl chloride

Concen: 16.066 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

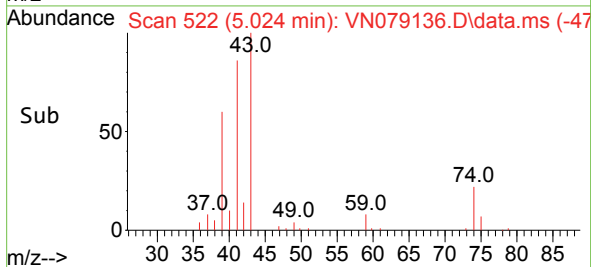
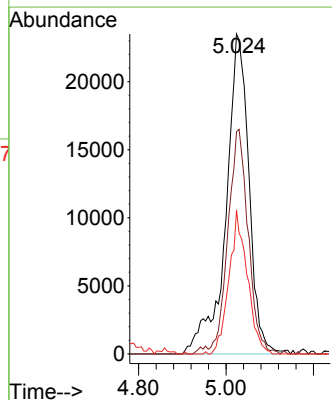
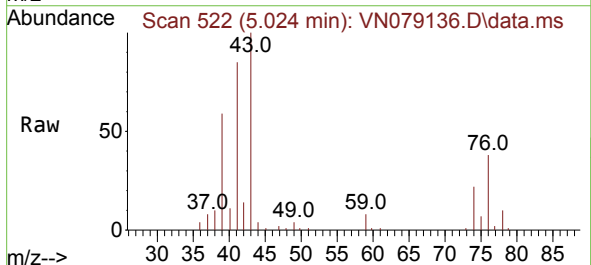
Tgt Ion: 41 Resp: 86039

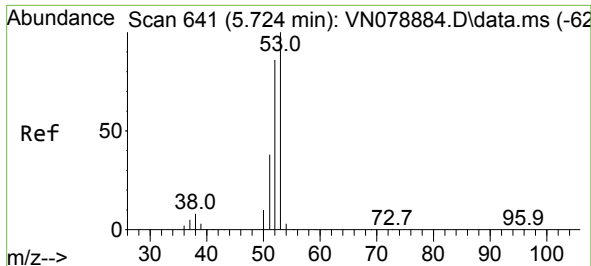
Ion Ratio Lower Upper

41 100

39 62.5 58.8 88.2

76 35.5 39.1 58.7#

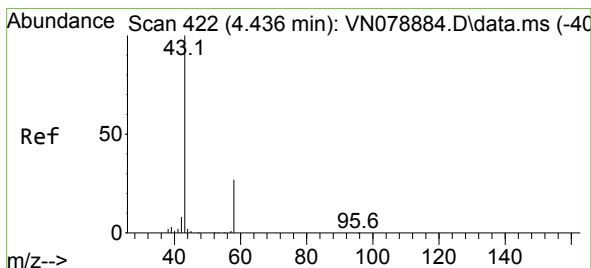
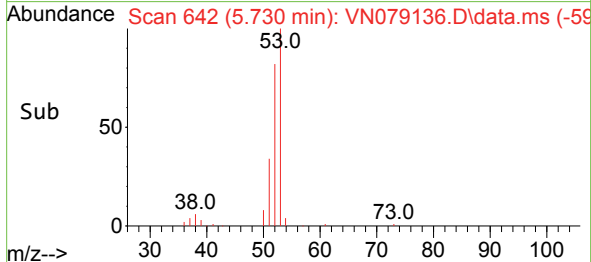
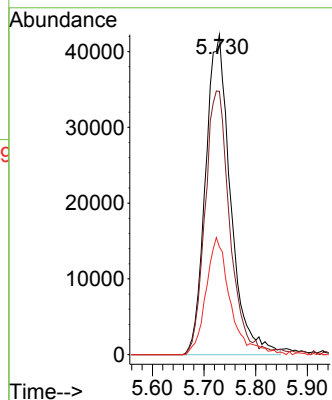
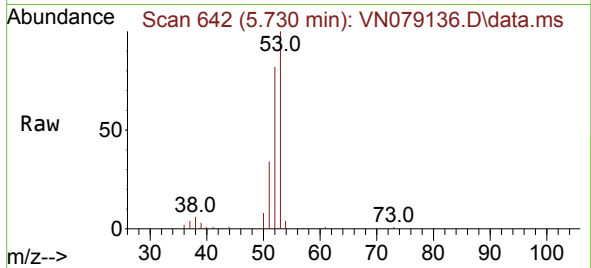




#15
Acrylonitrile
Concen: 80.192 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

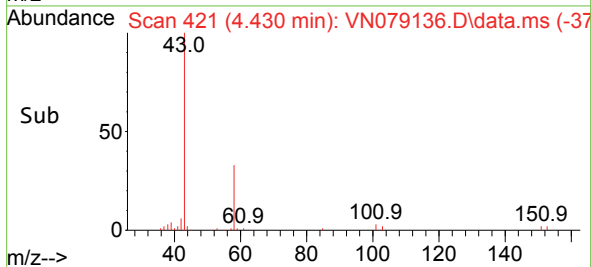
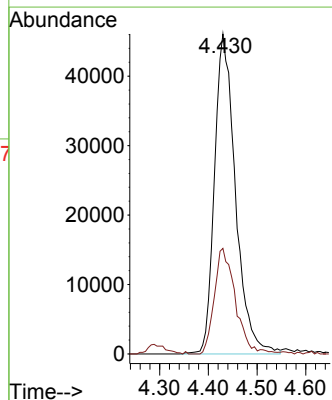
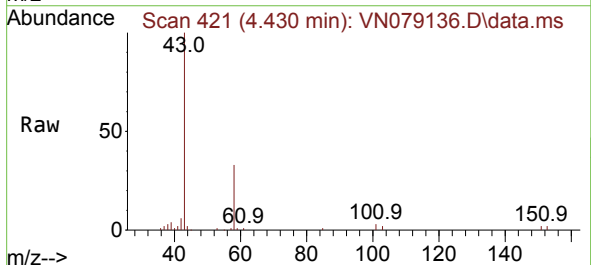
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

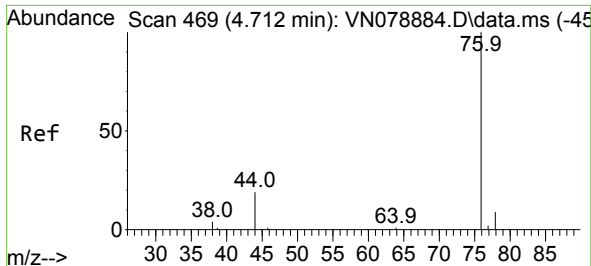
Tgt Ion: 53 Resp: 142171
Ion Ratio Lower Upper
53 100
52 81.8 65.3 97.9
51 35.6 28.9 43.3



#16
Acetone
Concen: 85.702 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 43 Resp: 137913
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0

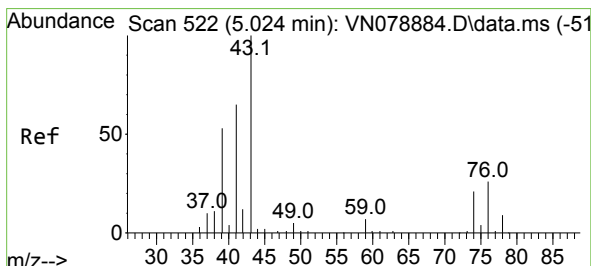
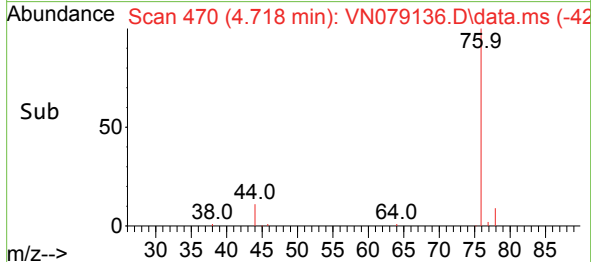
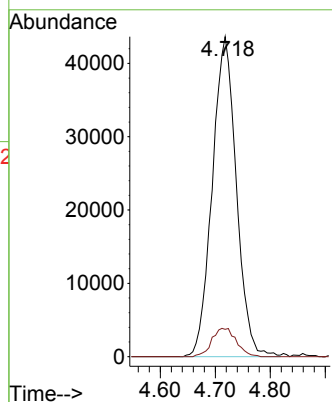
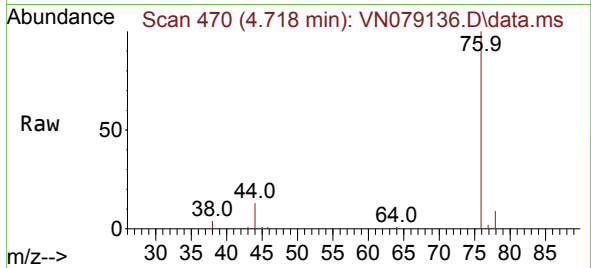




#17
Carbon Disulfide
Concen: 17.631 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

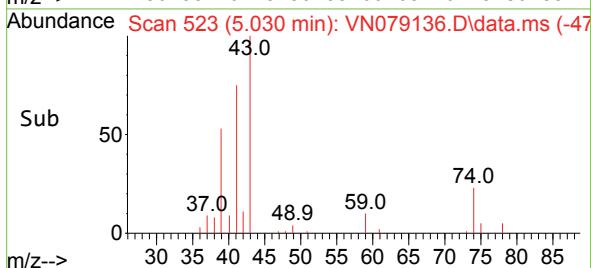
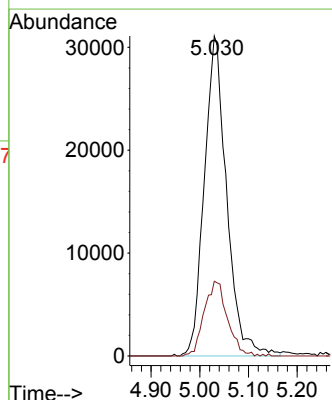
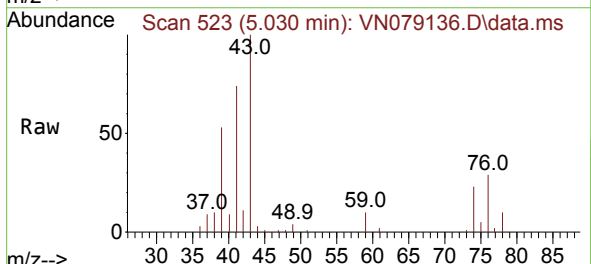
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

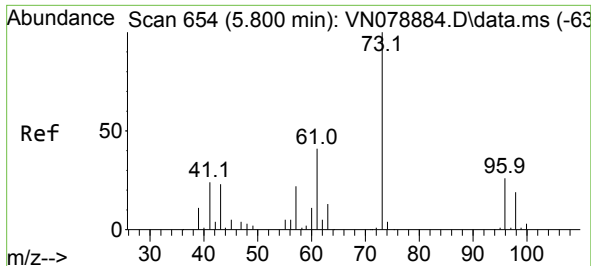
Tgt Ion: 76 Resp: 132796
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 14.587 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 43 Resp: 99162
Ion Ratio Lower Upper
43 100
74 24.2 26.2 39.4#

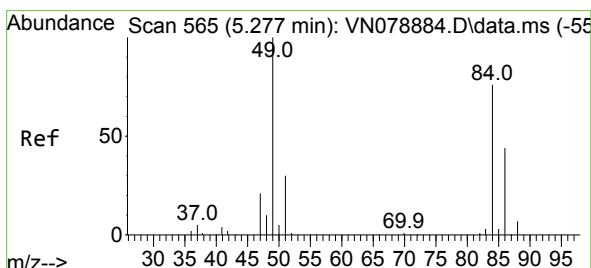
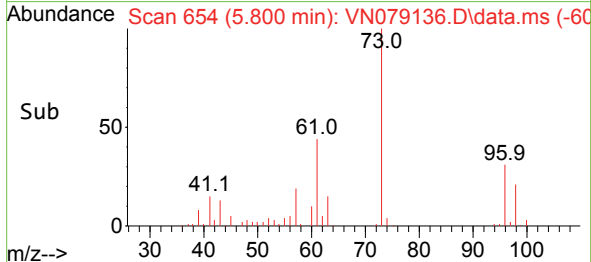
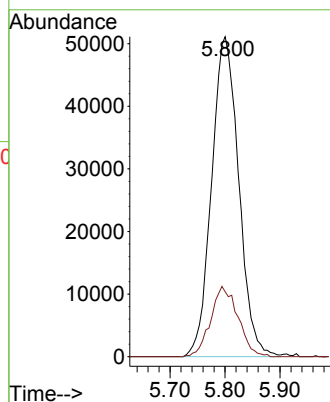
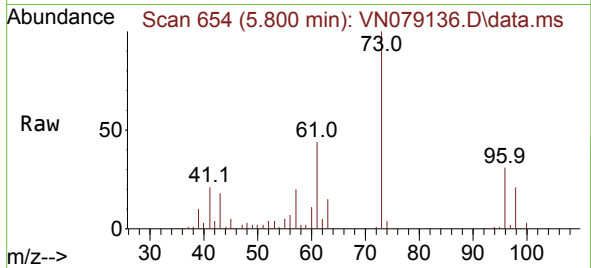




#19
Methyl tert-butyl Ether
Concen: 18.068 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

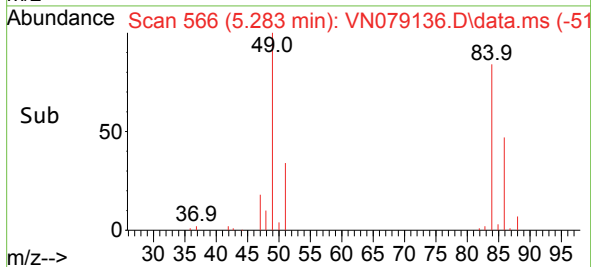
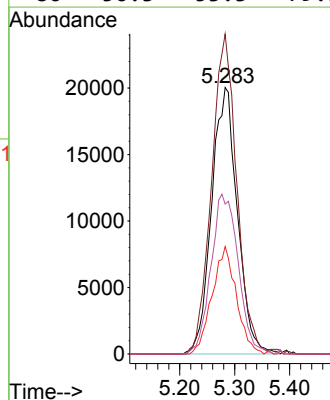
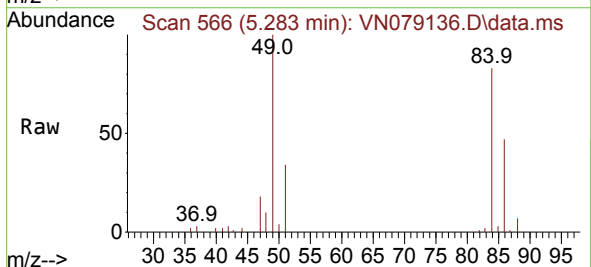
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

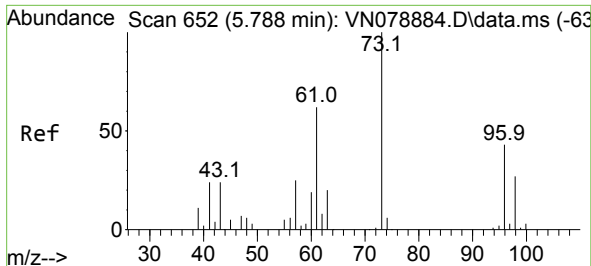
Tgt Ion: 73 Resp: 175128
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4



#20
Methylene Chloride
Concen: 19.059 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 84 Resp: 65359
Ion Ratio Lower Upper
84 100
49 120.1 79.7 119.5#
51 40.3 25.2 37.8#
86 56.3 53.3 79.9

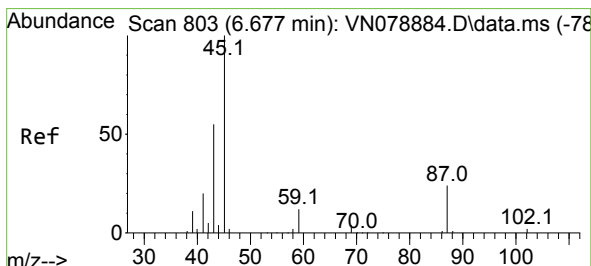
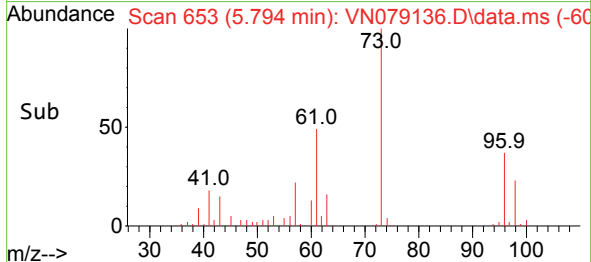
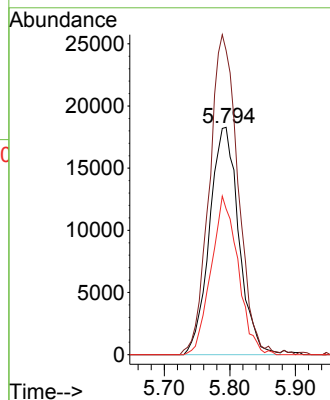
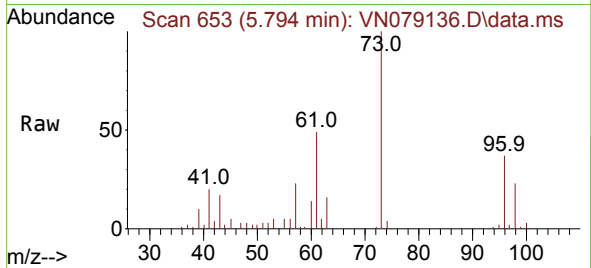




#21
trans-1,2-Dichloroethene
Concen: 18.802 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

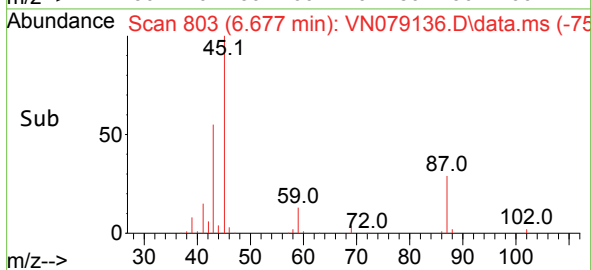
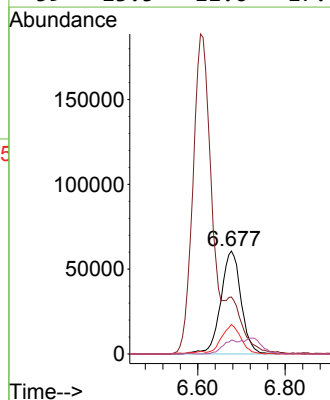
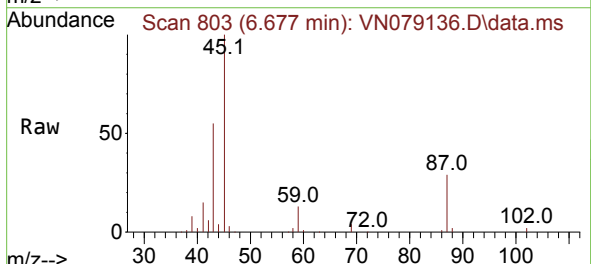
Instrument :
MSVOA_N
ClientSampleId :
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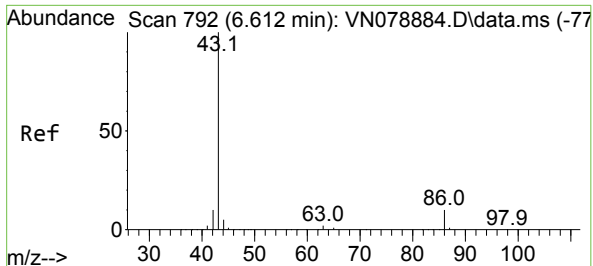
Tgt Ion: 96 Resp: 56732
Ion Ratio Lower Upper
96 100
61 133.8 90.1 135.1
98 64.1 46.4 69.6



#22
Diisopropyl ether
Concen: 17.227 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 45 Resp: 195165
Ion Ratio Lower Upper
45 100
43 54.0 45.5 68.3
87 28.7 31.8 47.8#
59 13.5 11.6 17.4

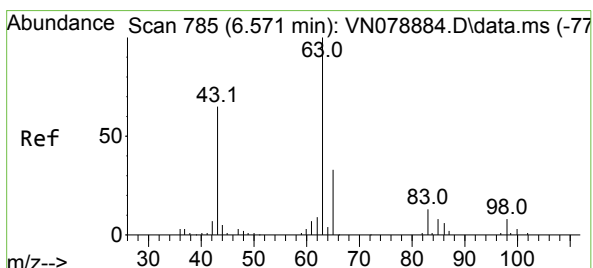
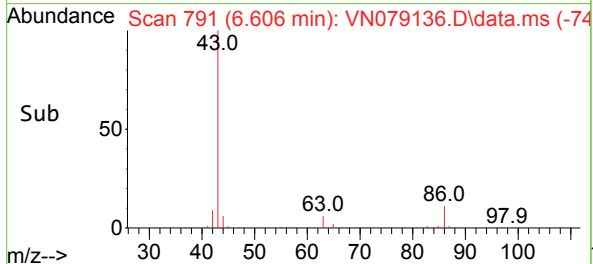
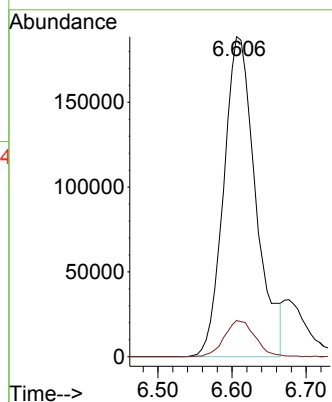
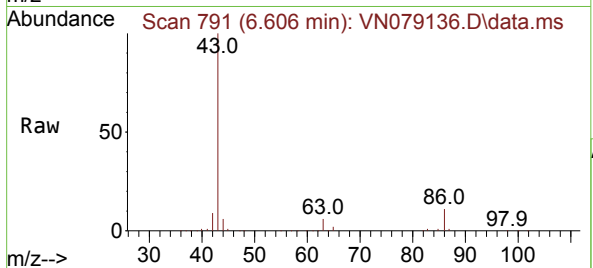




#23
 Vinyl Acetate
 Concen: 75.732 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079136.D
 Acq: 02 Sep 2023 12:10

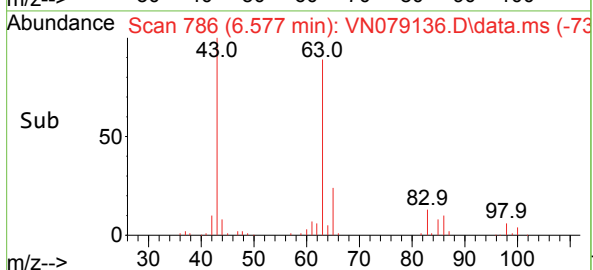
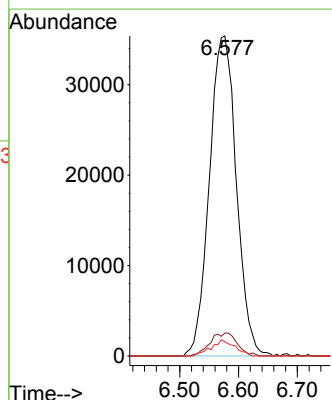
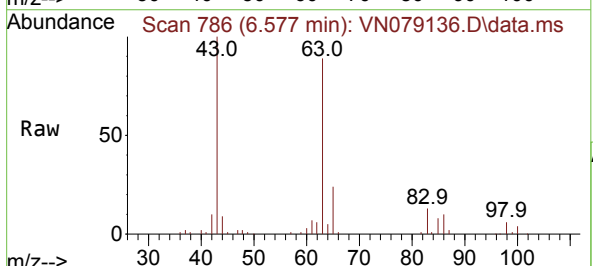
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

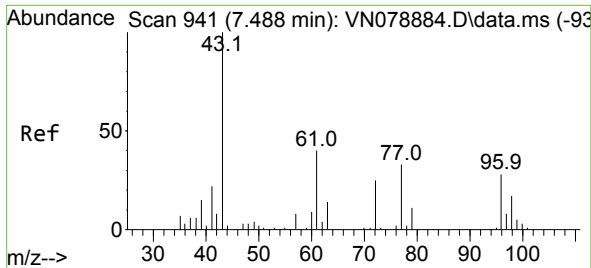
Tgt Ion: 43 Resp: 564932
 Ion Ratio Lower Upper
 43 100
 86 11.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.229 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079136.D
 Acq: 02 Sep 2023 12:10

Tgt Ion: 63 Resp: 112819
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.5 2.5 7.4

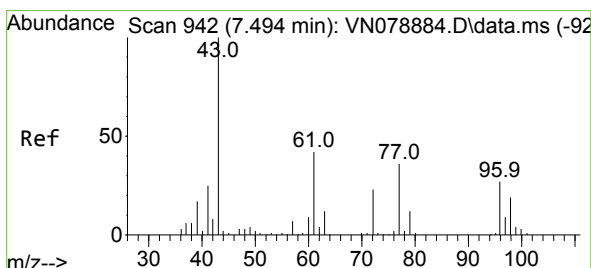
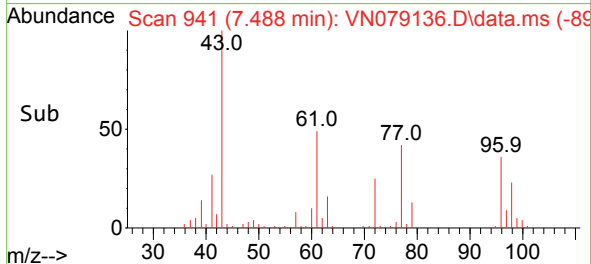
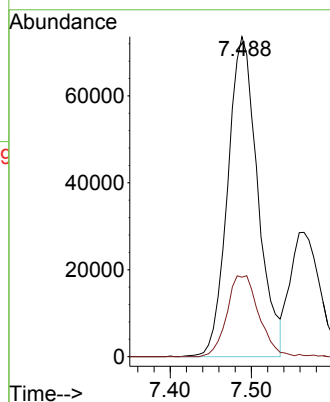
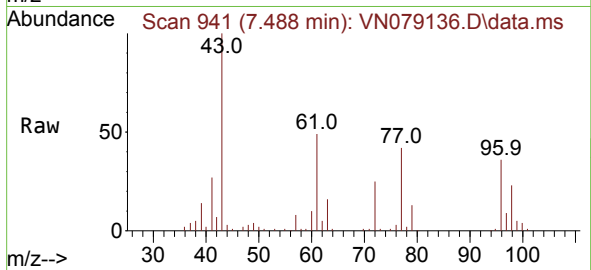




#25
2-Butanone
Concen: 73.273 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

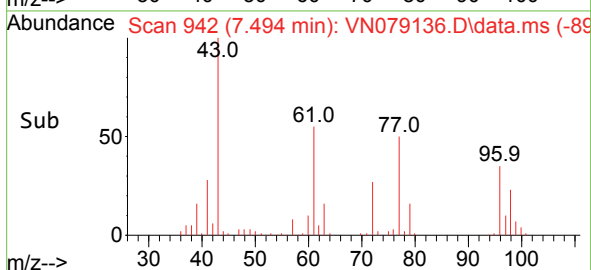
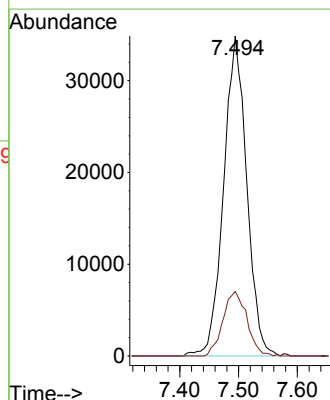
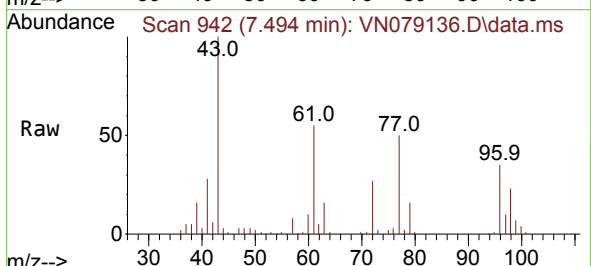
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

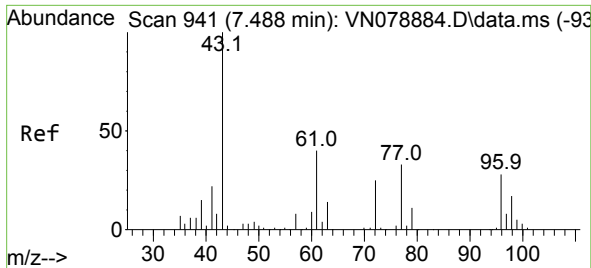
Tgt Ion: 43 Resp: 189044
Ion Ratio Lower Upper
43 100
72 24.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.020 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 77 Resp: 95154
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.6

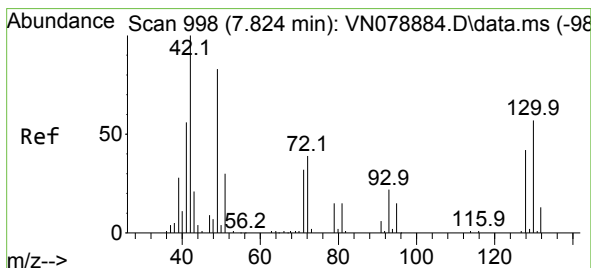
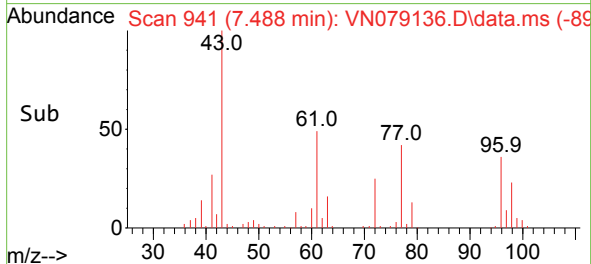
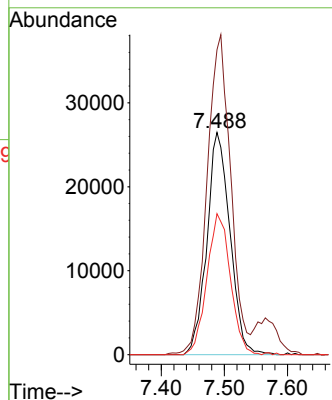
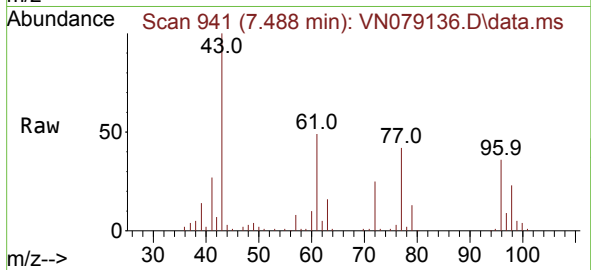




#27
 cis-1,2-Dichloroethene
 Concen: 18.363 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079136.D
 Acq: 02 Sep 2023 12:10

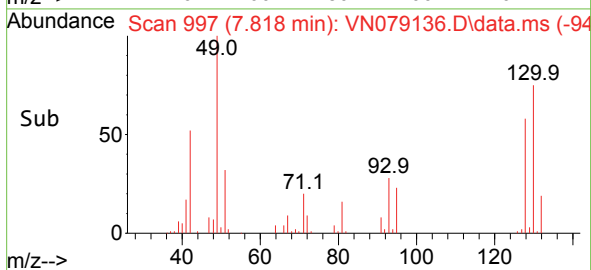
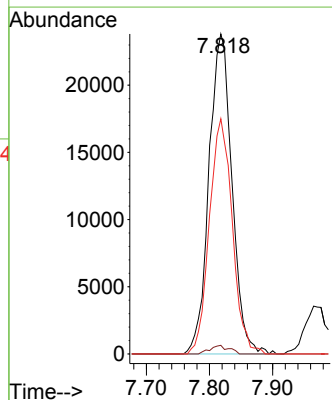
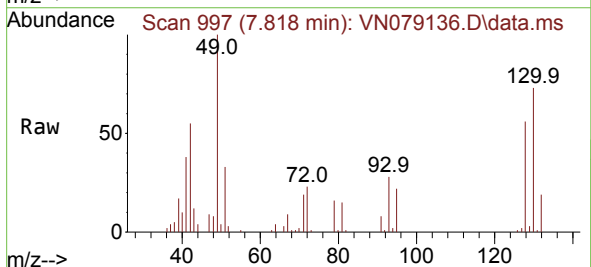
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

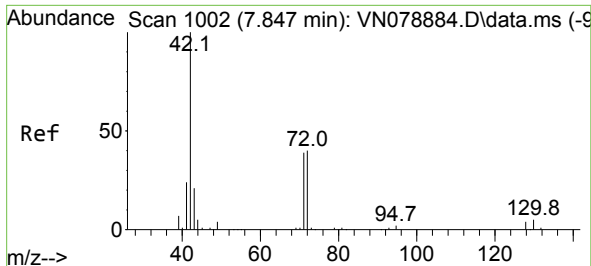
Tgt Ion: 96 Resp: 67343
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 255.2
 98 64.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.353 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079136.D
 Acq: 02 Sep 2023 12:10

Tgt Ion: 49 Resp: 60254
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 73.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 68.585 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

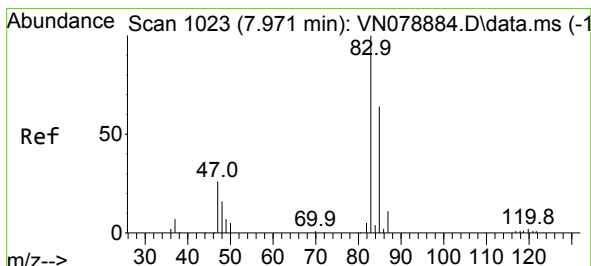
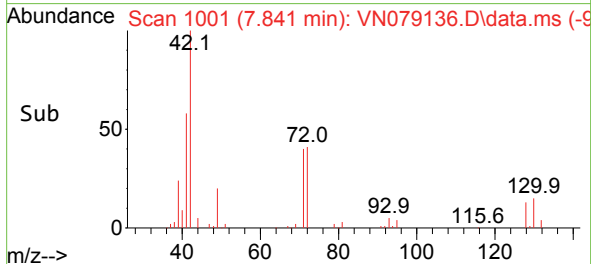
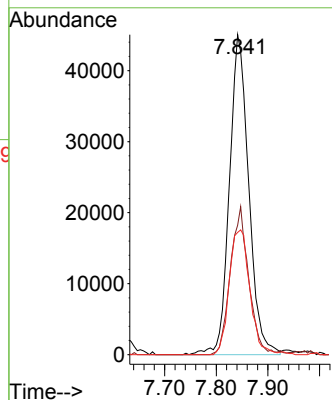
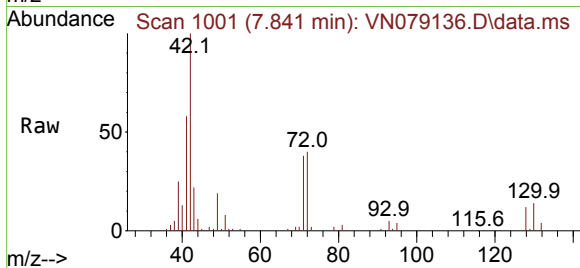
Tgt Ion: 42 Resp: 117121

Ion Ratio Lower Upper

42 100

72 43.9 49.8 74.6#

71 41.5 47.4 71.2#



#30

Chloroform

Concen: 18.872 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079136.D

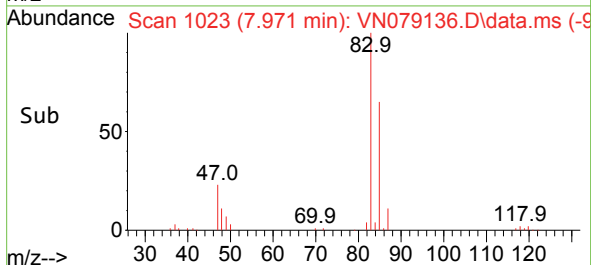
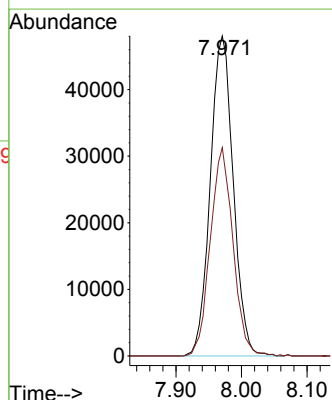
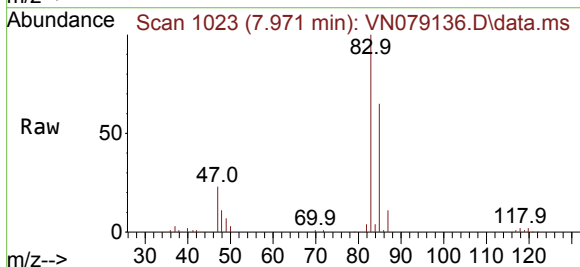
Acq: 02 Sep 2023 12:10

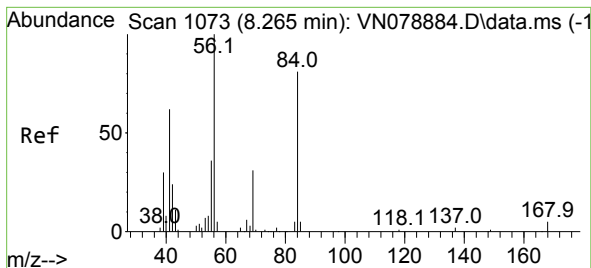
Tgt Ion: 83 Resp: 116692

Ion Ratio Lower Upper

83 100

85 65.1 55.4 83.0





#31

Cyclohexane

Concen: 16.594 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

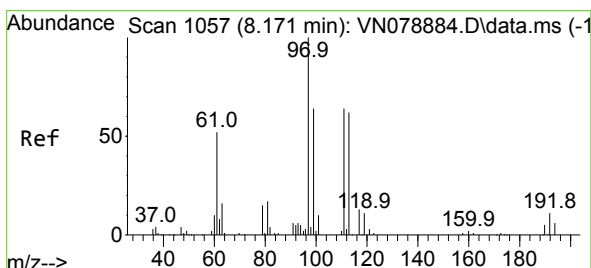
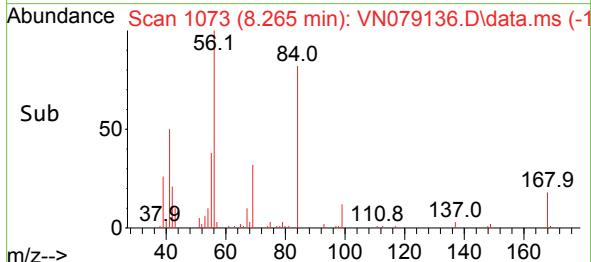
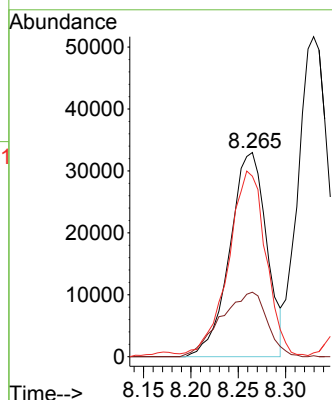
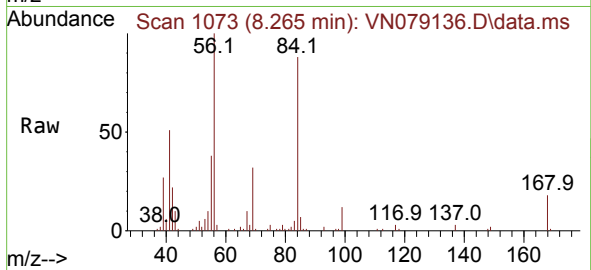
Tgt Ion: 56 Resp: 89295

Ion Ratio Lower Upper

56 100

69 31.6 26.8 40.2

84 87.0 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 18.572 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

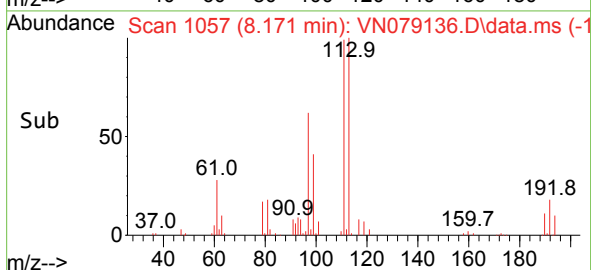
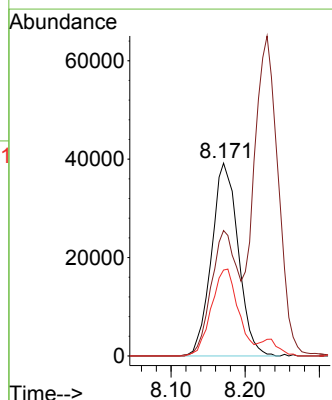
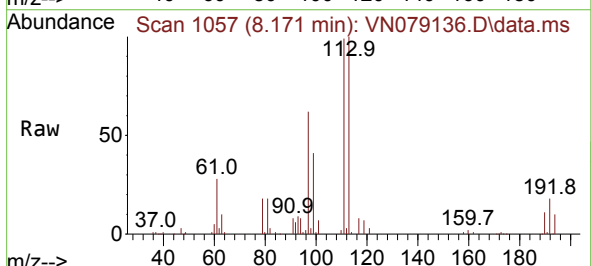
Tgt Ion: 97 Resp: 97918

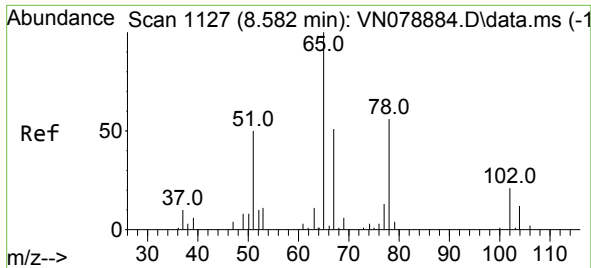
Ion Ratio Lower Upper

97 100

99 62.8 50.3 75.5

61 45.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 42.896 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

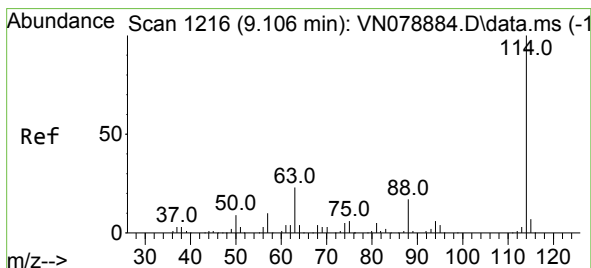
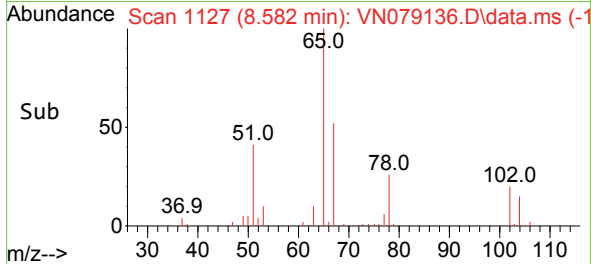
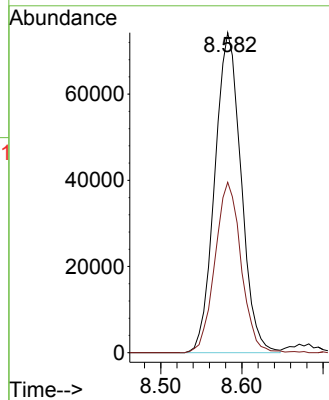
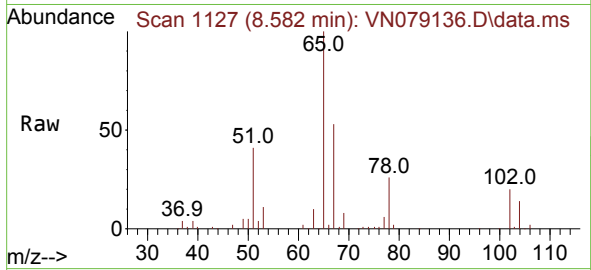
VN0902WBS01

Tgt Ion: 65 Resp: 167295

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

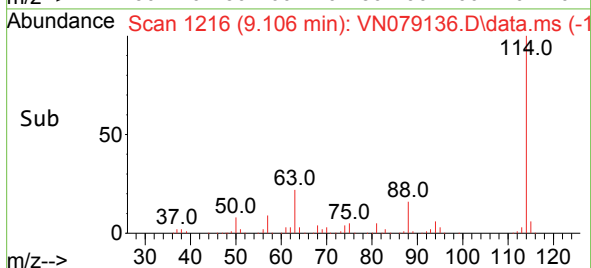
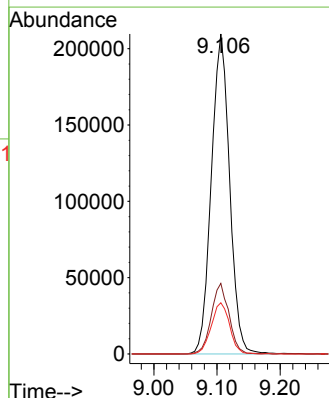
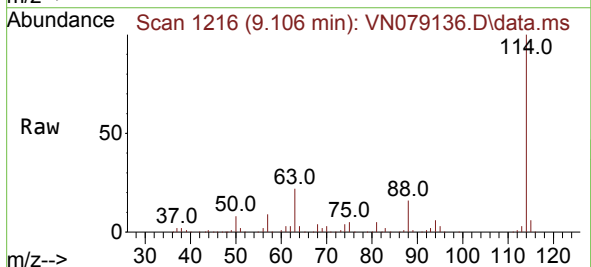
Tgt Ion: 114 Resp: 420839

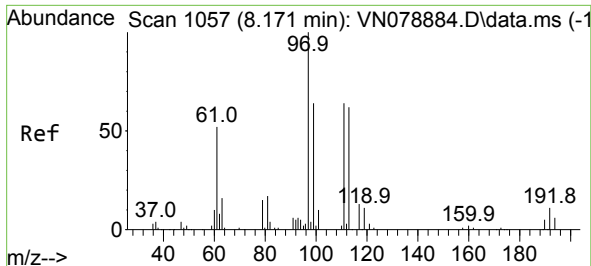
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.315 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

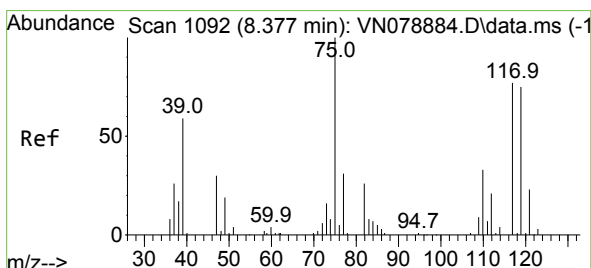
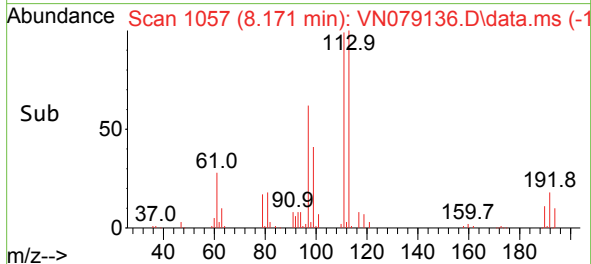
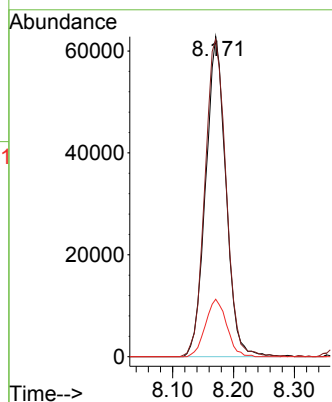
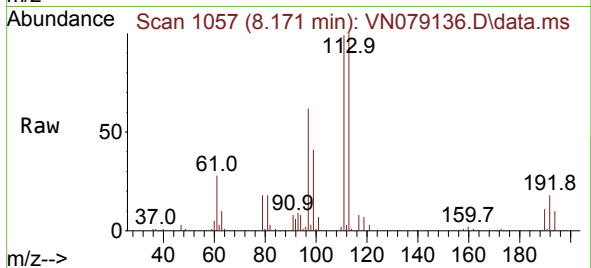
Tgt Ion:113 Resp: 145370

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 18.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 19.283 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

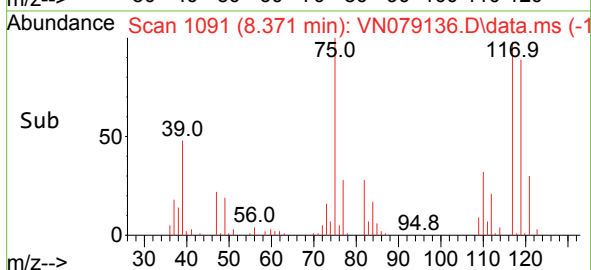
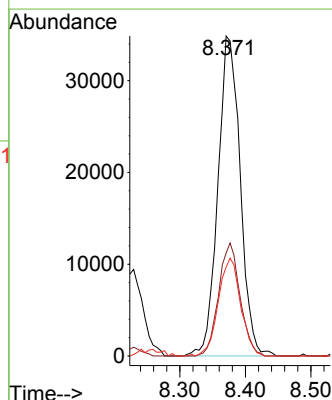
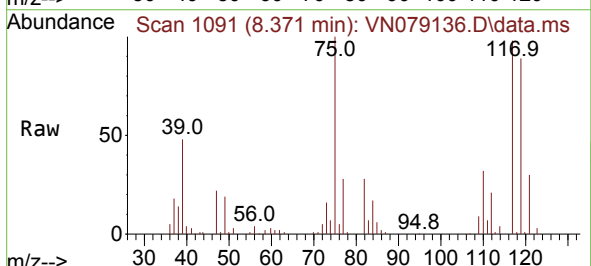
Tgt Ion: 75 Resp: 82172

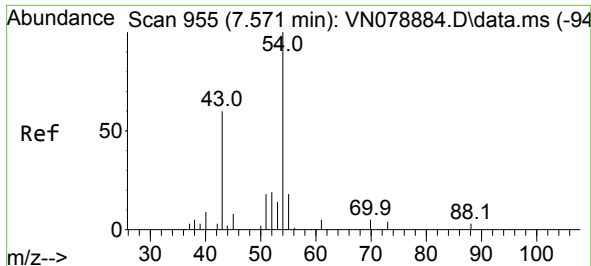
Ion Ratio Lower Upper

75 100

110 34.0 19.1 57.3

77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 15.556 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

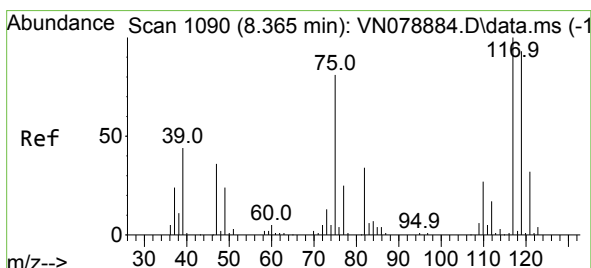
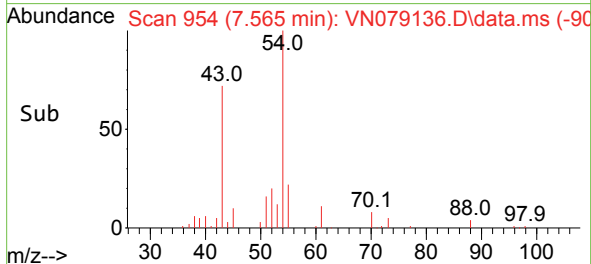
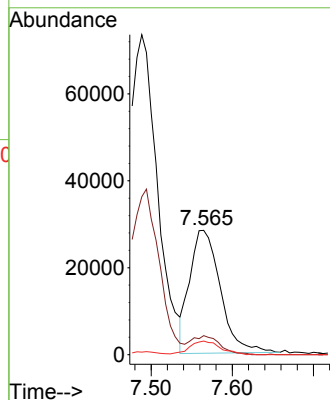
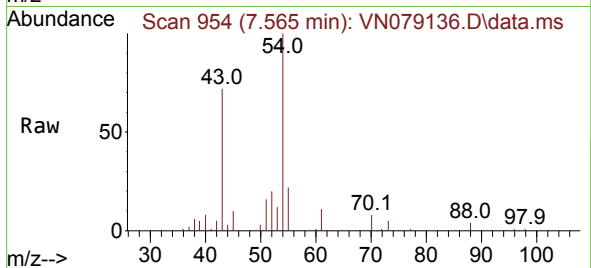
Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tgt Ion:	43	Resp:	74170
Ion	Ratio	Lower	Upper
43	100		
61	14.3	13.2	19.8
70	11.1	11.3	16.9



#38

Carbon Tetrachloride

Concen: 19.993 ug/l

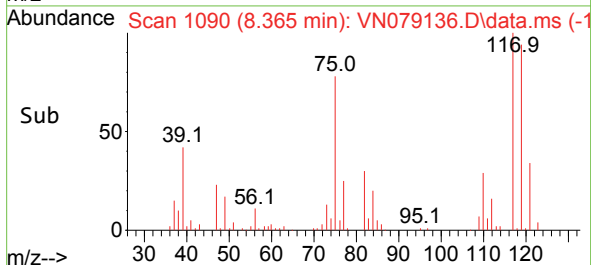
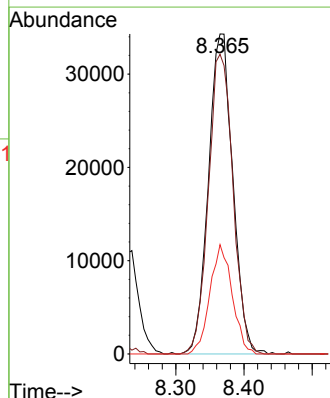
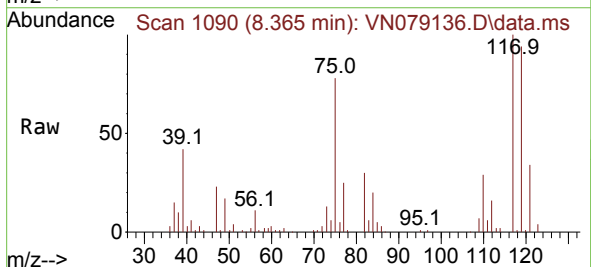
RT: 8.365 min Scan# 1090

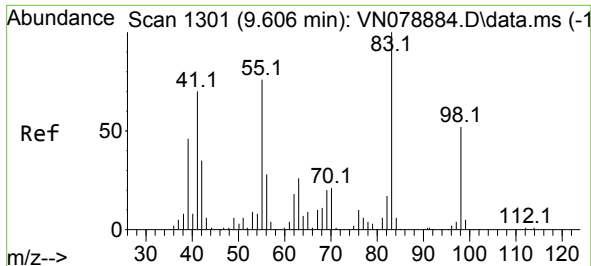
Delta R.T. -0.006 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Tgt Ion:	117	Resp:	85365
Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.3	115.9
121	34.2	23.3	34.9

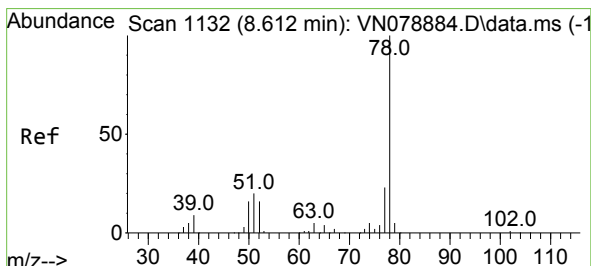
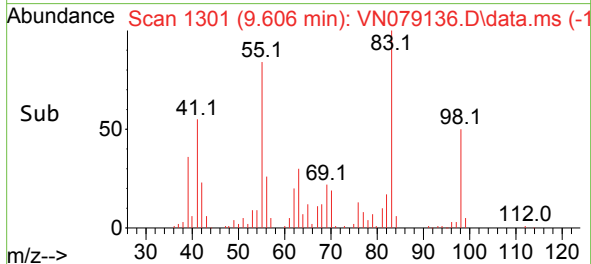
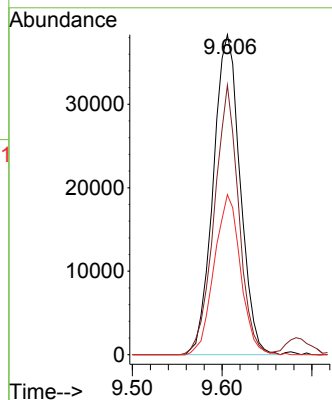
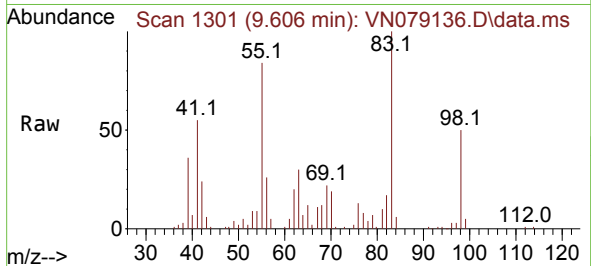




#39
Methylcyclohexane
Concen: 20.356 ug/l
RT: 9.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

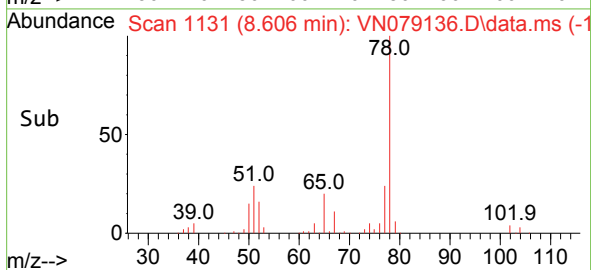
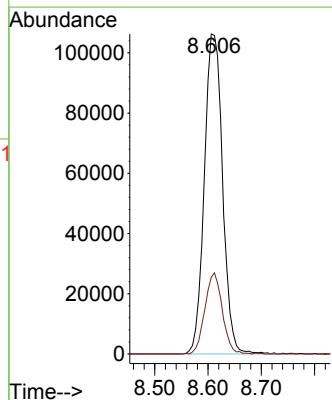
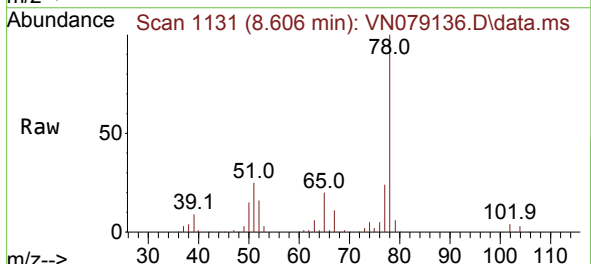
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

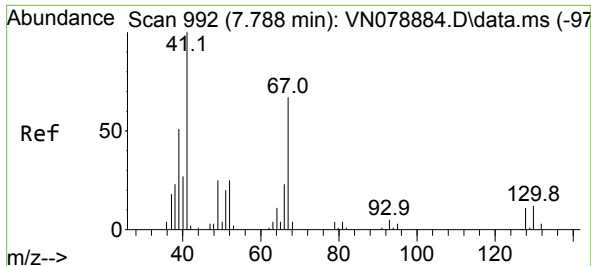
Tgt Ion: 83 Resp: 79779
Ion Ratio Lower Upper
83 100
55 84.2 49.1 73.7#
98 50.0 40.6 61.0



#40
Benzene
Concen: 20.102 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 78 Resp: 253198
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

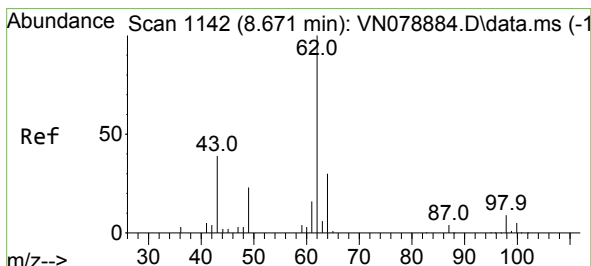
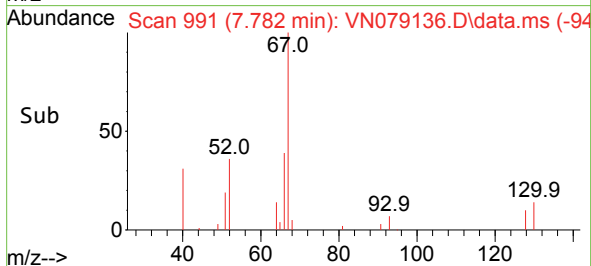
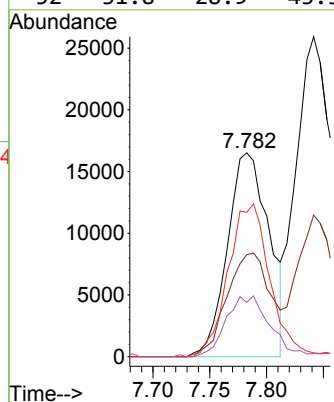
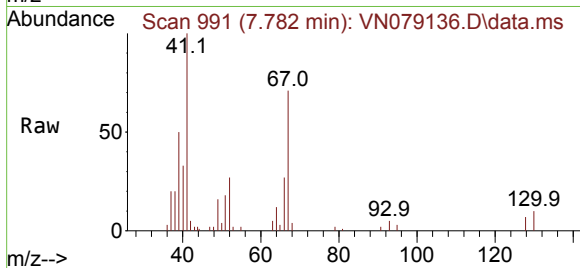




#41
Methacrylonitrile
Concen: 16.198 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

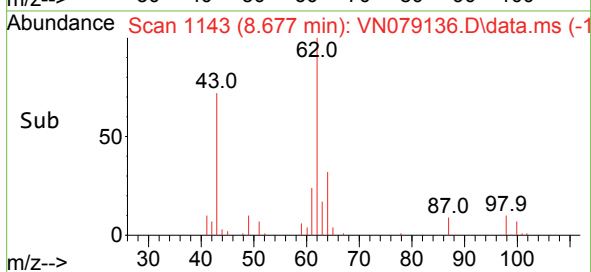
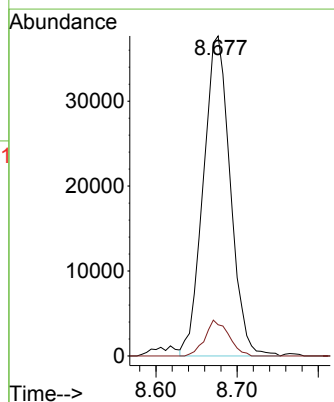
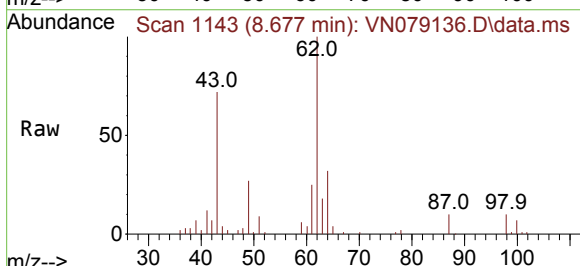
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

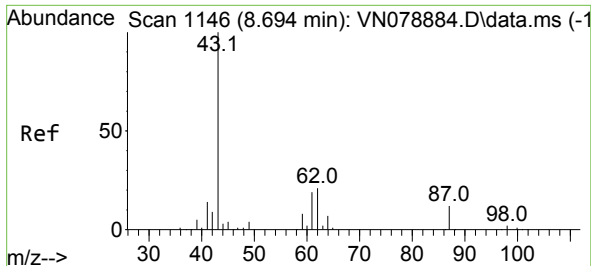
Tgt Ion:	41	Resp:	42061
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.6	64.0
67	75.6	77.5	116.3
52	31.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 18.481 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion:	62	Resp:	86967
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8

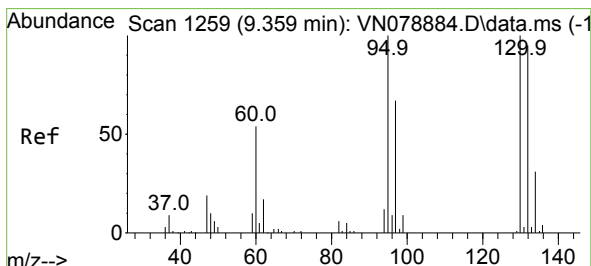
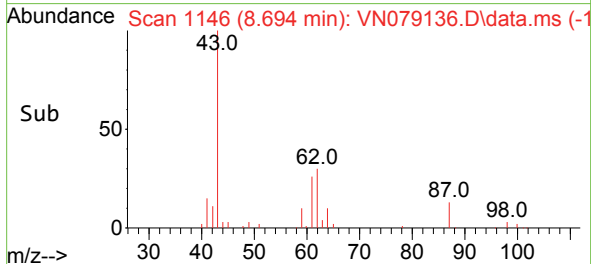
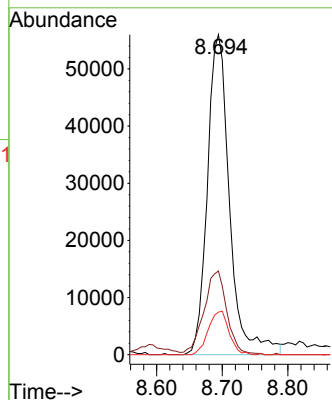
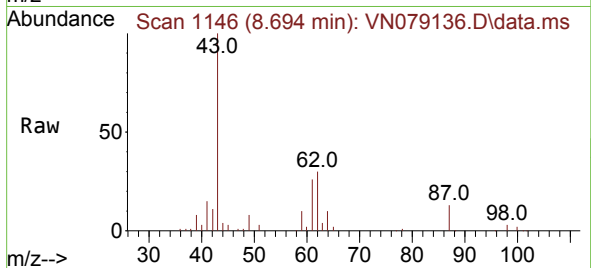




#43
Isopropyl Acetate
Concen: 15.620 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

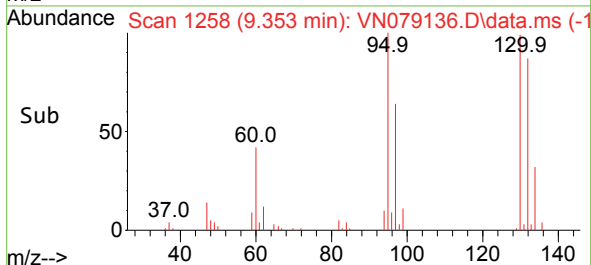
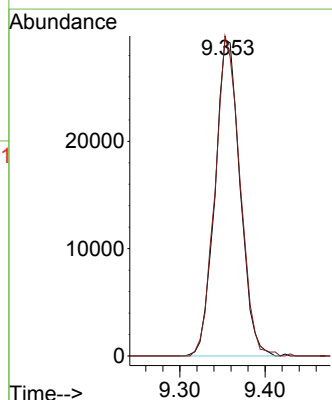
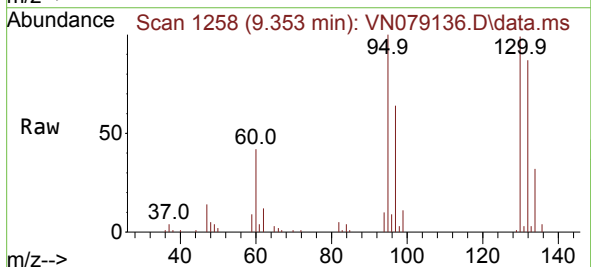
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

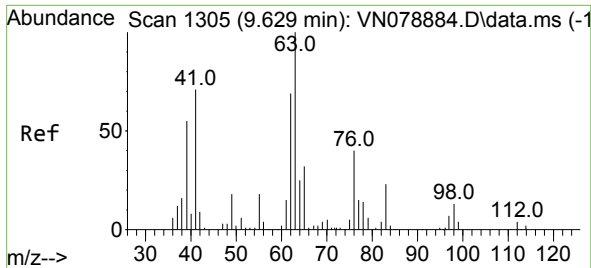
Tgt Ion: 43 Resp: 131635
Ion Ratio Lower Upper
43 100
61 27.1 24.7 37.1
87 12.7 14.6 21.8#



#44
Trichloroethene
Concen: 20.060 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion:130 Resp: 60037
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.6

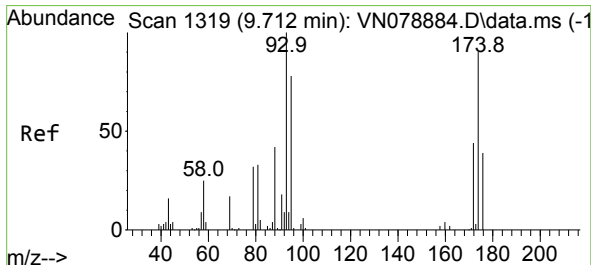
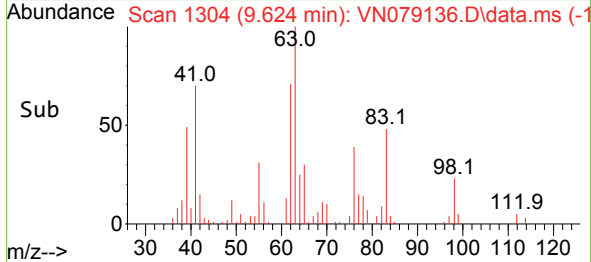
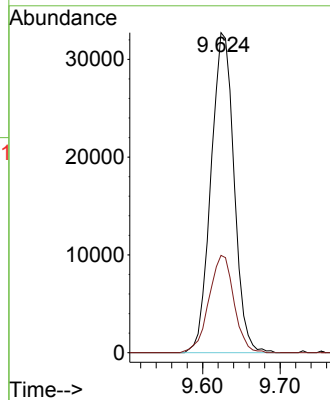
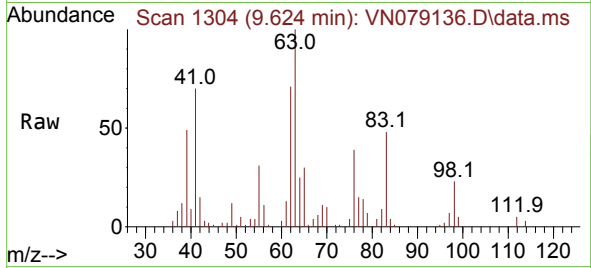




#45
1,2-Dichloropropane
Concen: 20.217 ug/l
RT: 9.624 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

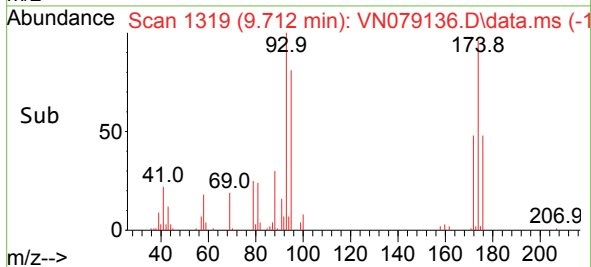
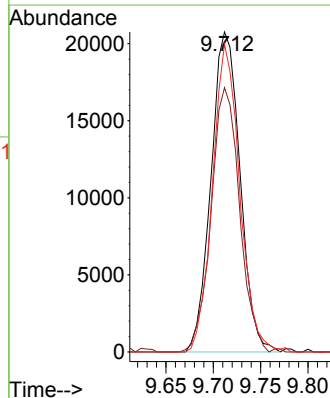
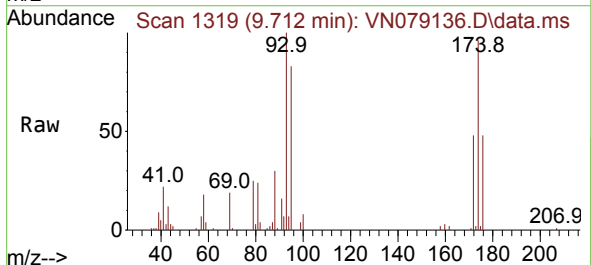
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

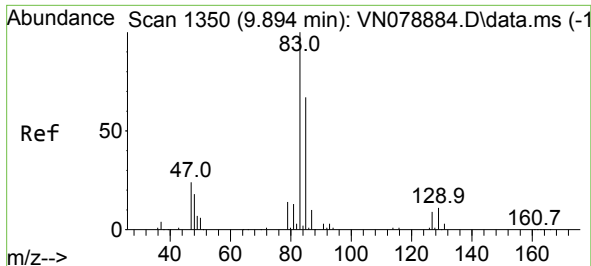
Tgt Ion: 63 Resp: 67798
Ion Ratio Lower Upper
63 100
65 30.4 23.9 35.9



#46
Dibromomethane
Concen: 19.230 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 93 Resp: 44231
Ion Ratio Lower Upper
93 100
95 81.1 63.8 95.8
174 90.7 65.6 98.4

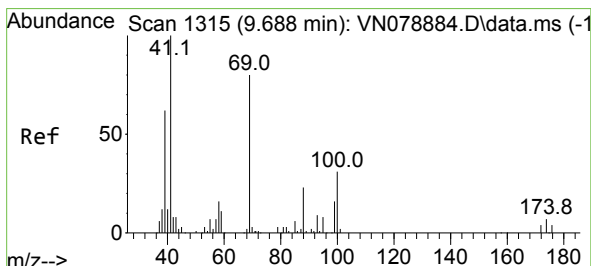
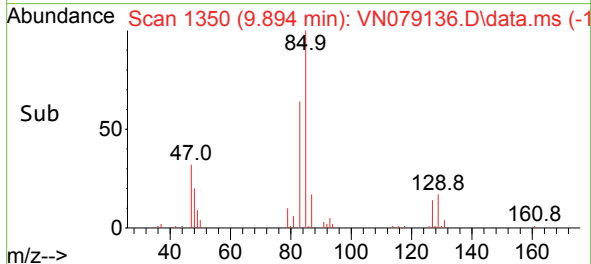
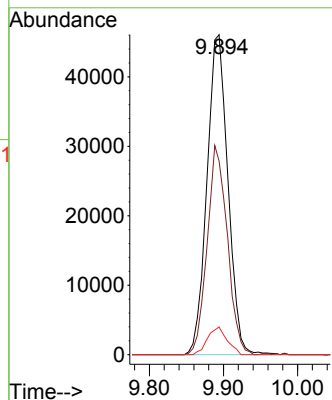
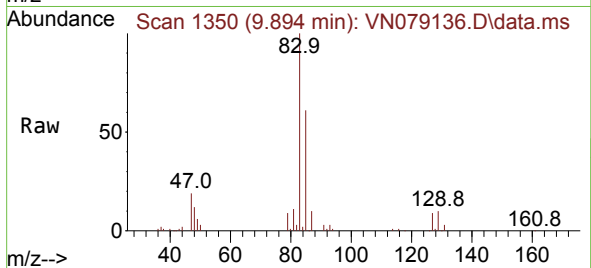




#47
Bromodichloromethane
Concen: 19.941 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

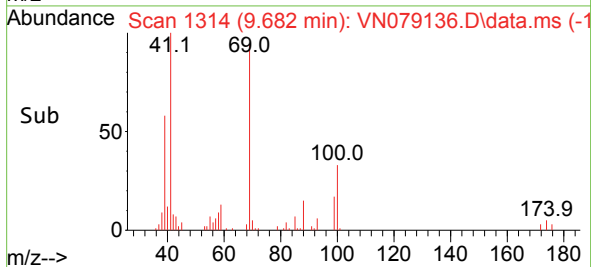
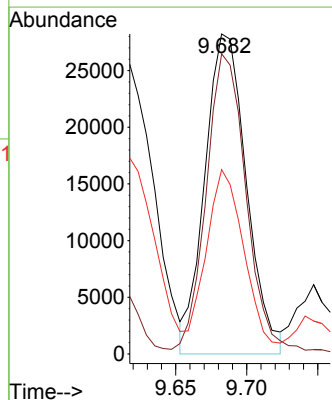
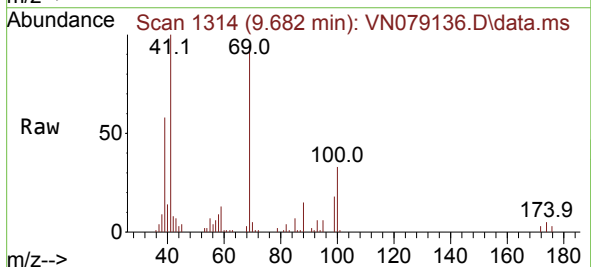
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

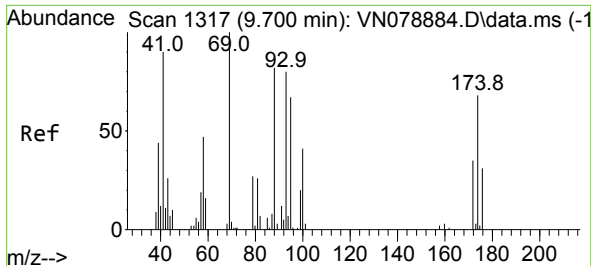
Tgt Ion: 83 Resp: 90572
Ion Ratio Lower Upper
83 100
85 60.5 49.6 74.4
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 15.028 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 41 Resp: 57388
Ion Ratio Lower Upper
41 100
69 91.8 90.4 135.6
39 53.6 54.6 81.8#

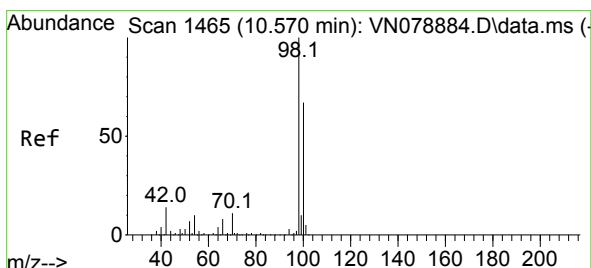
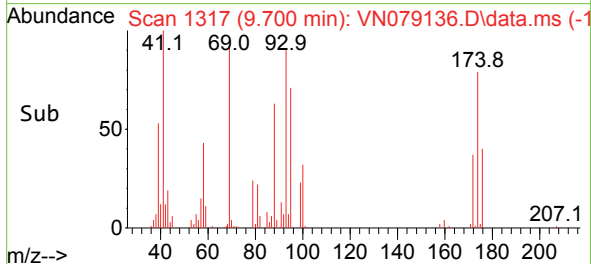
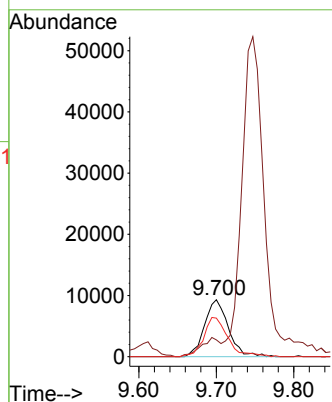
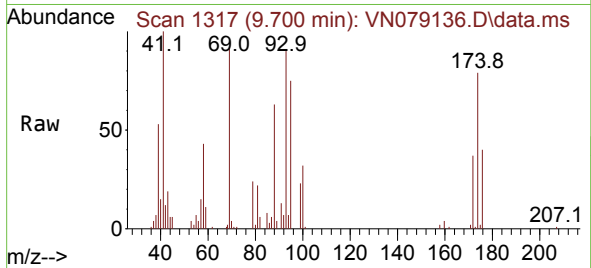




#49
1,4-Dioxane
Concen: 304.882 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

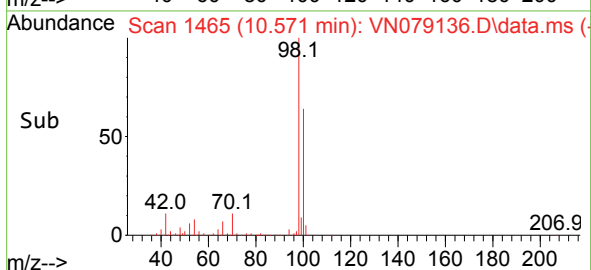
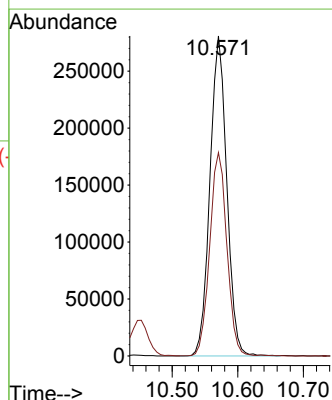
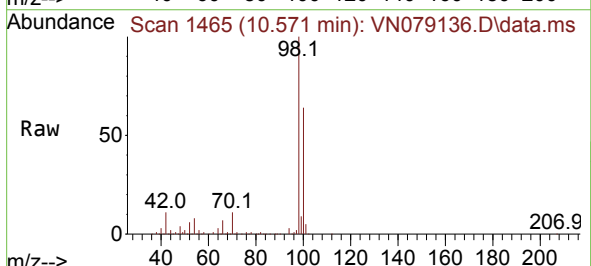
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

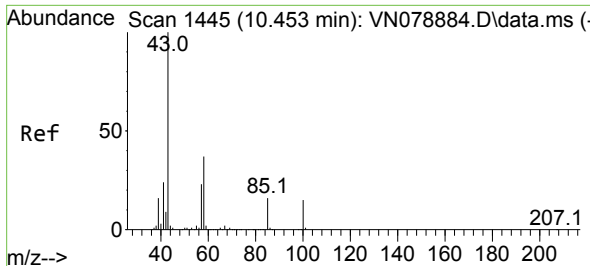
Tgt Ion: 88 Resp: 19831
Ion Ratio Lower Upper
88 100
43 27.0 17.0 25.6#
58 70.1 47.0 70.4



#50
Toluene-d8
Concen: 47.618 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 98 Resp: 500880
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

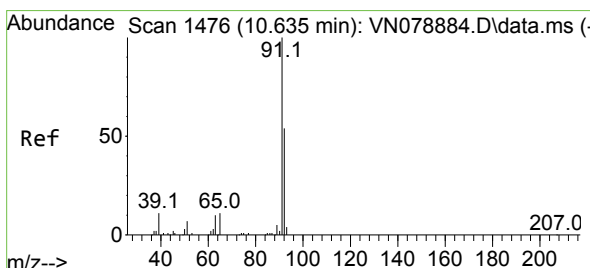
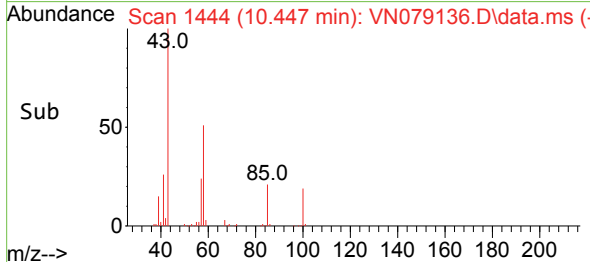
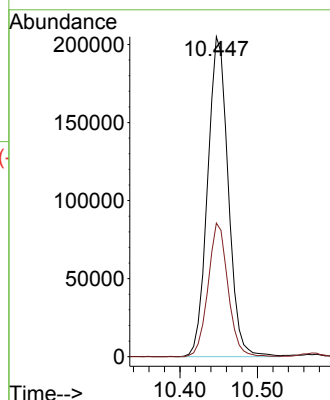
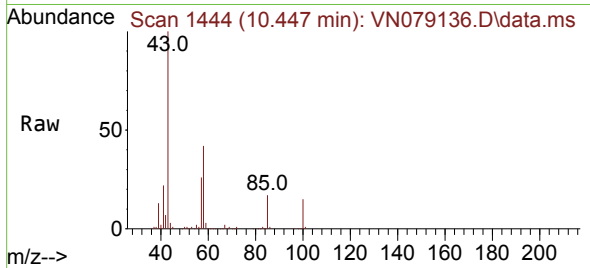




#51
4-Methyl-2-Pentanone
Concen: 75.712 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

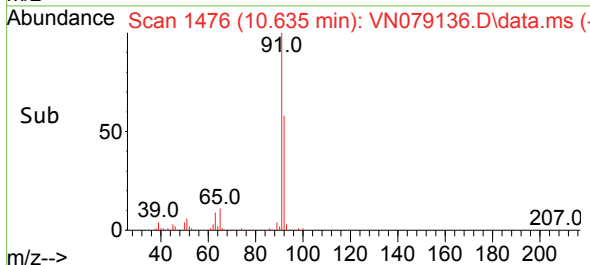
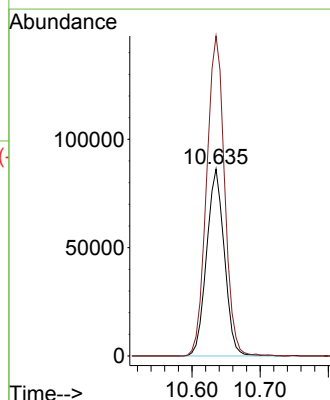
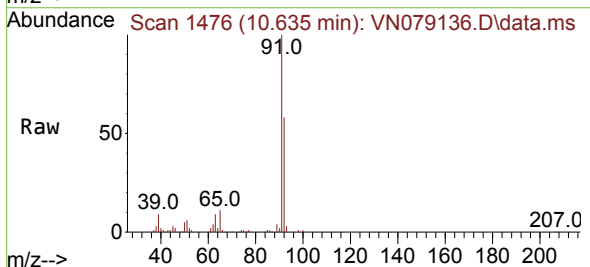
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

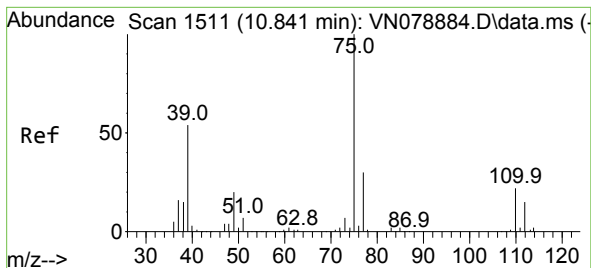
Tgt Ion: 43 Resp: 378421
Ion Ratio Lower Upper
43 100
58 40.4 36.6 54.8



#52
Toluene
Concen: 20.205 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 92 Resp: 156253
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.796 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

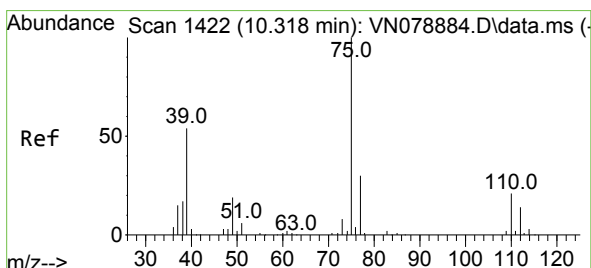
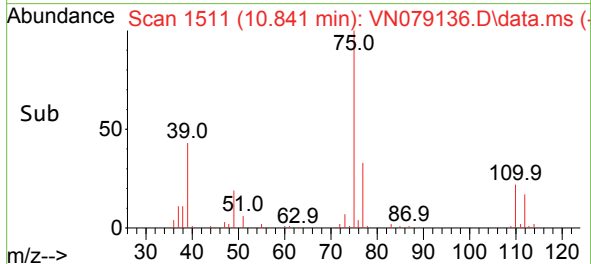
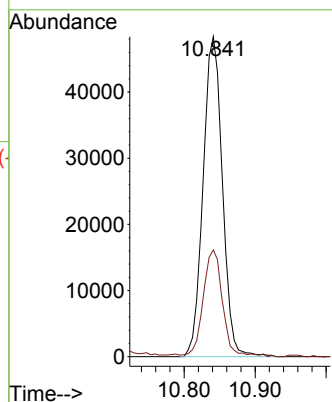
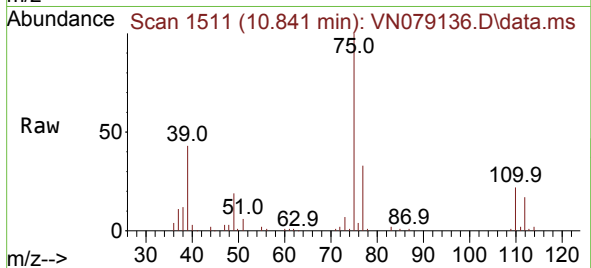
VN0902WBS01

Tgt Ion: 75 Resp: 91550

Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.137 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

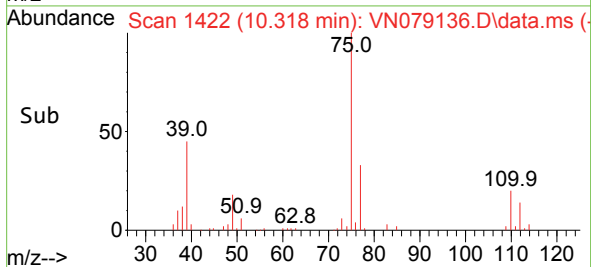
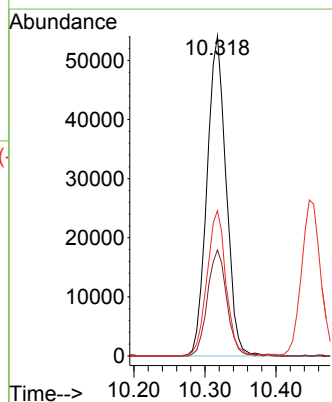
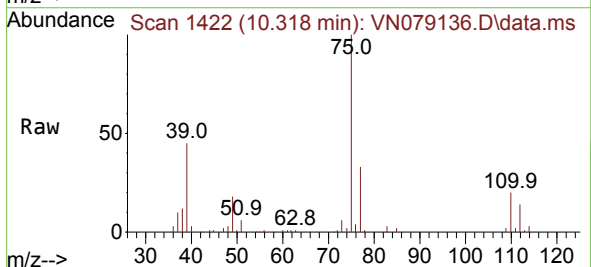
Tgt Ion: 75 Resp: 101521

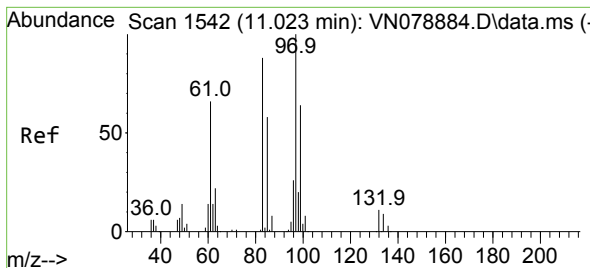
Ion Ratio Lower Upper

75 100

77 33.2 26.1 39.1

39 45.4 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.299 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

Tgt Ion: 97 Resp: 62941

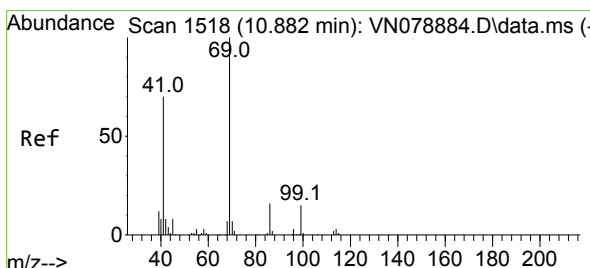
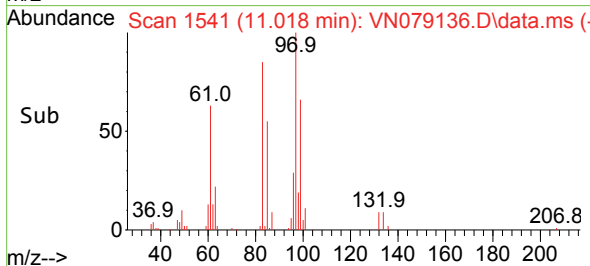
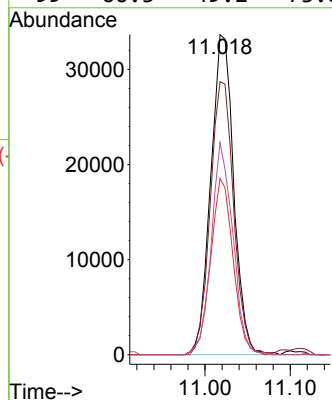
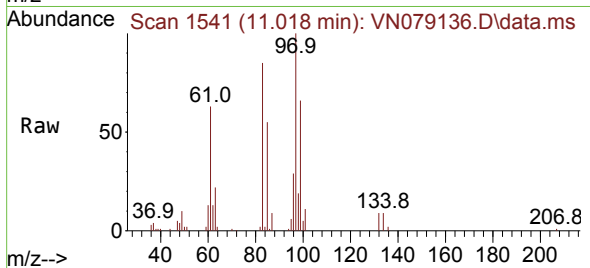
Ion Ratio Lower Upper

97 100

83 85.3 65.1 97.7

85 55.1 43.4 65.2

99 66.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.610 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

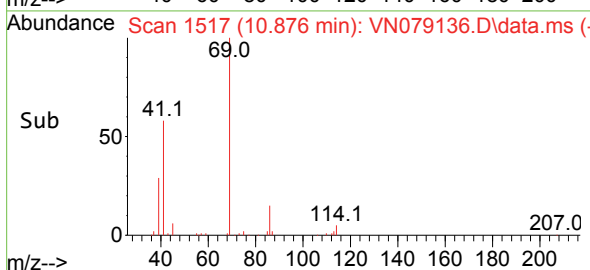
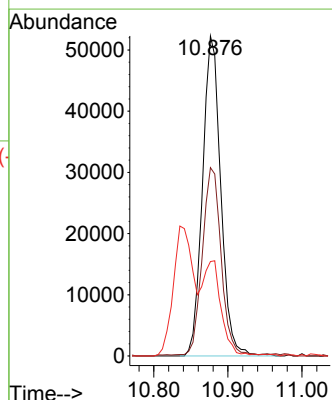
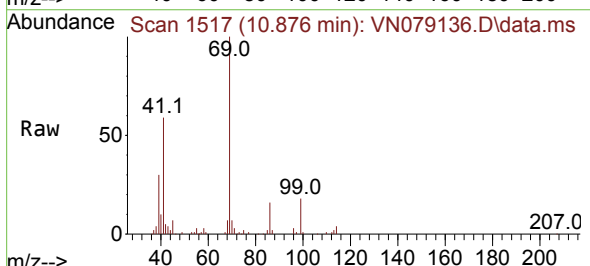
Tgt Ion: 69 Resp: 89449

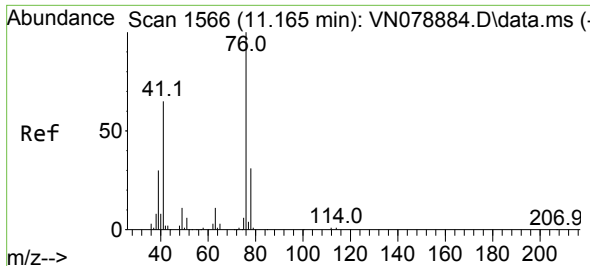
Ion Ratio Lower Upper

69 100

41 61.5 39.6 59.4#

39 25.5 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 19.589 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

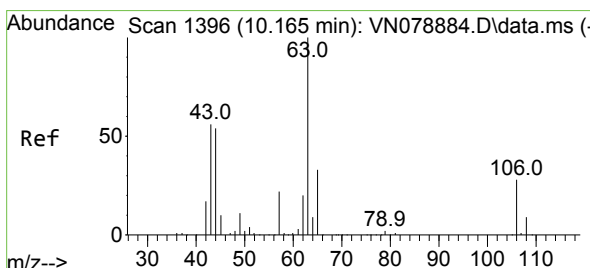
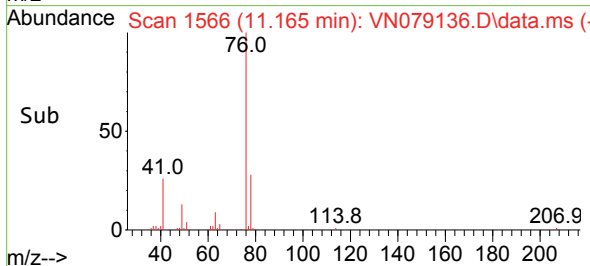
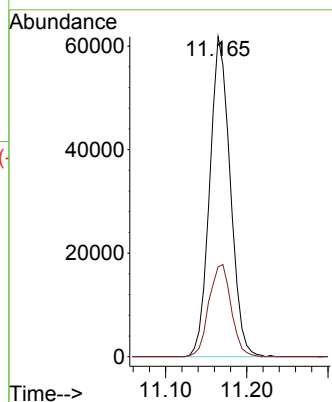
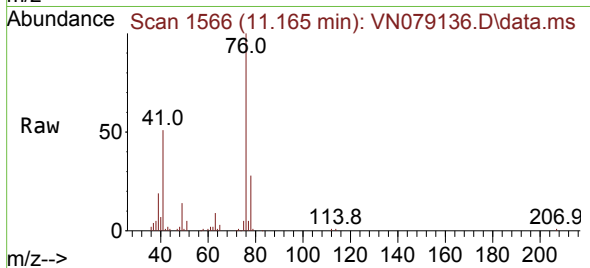
VN0902WBS01

Tgt Ion: 76 Resp: 108640

Ion Ratio Lower Upper

76 100

78 31.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 77.259 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079136.D

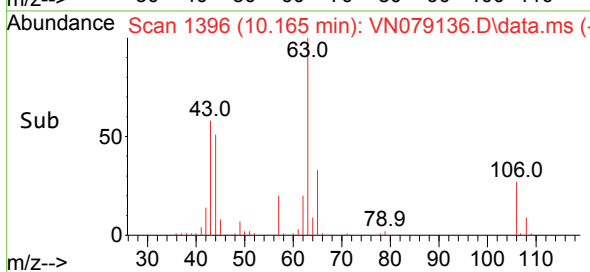
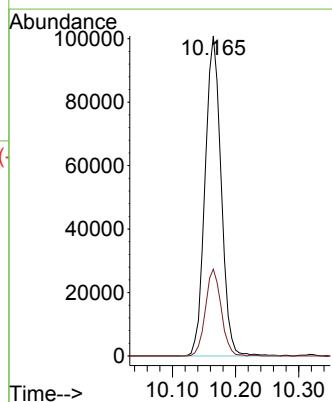
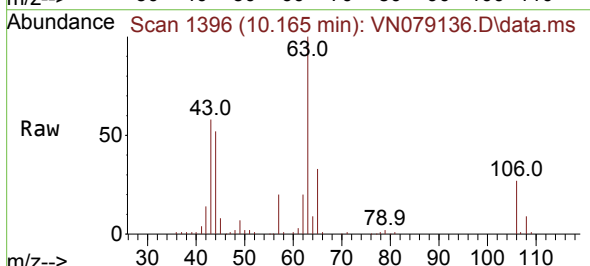
Acq: 02 Sep 2023 12:10

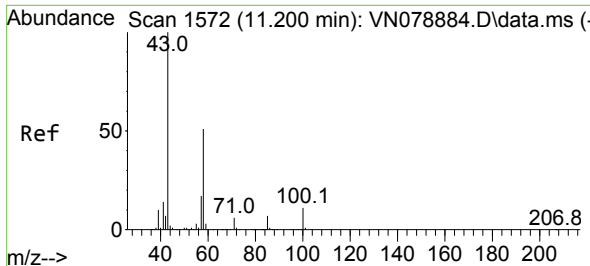
Tgt Ion: 63 Resp: 178258

Ion Ratio Lower Upper

63 100

106 26.6 26.2 39.4

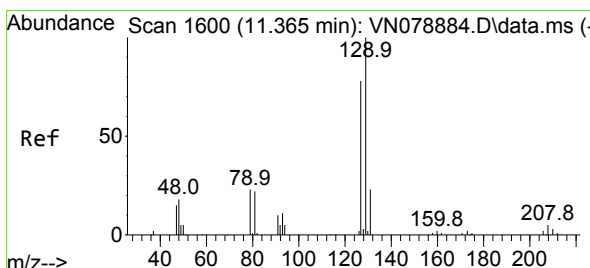
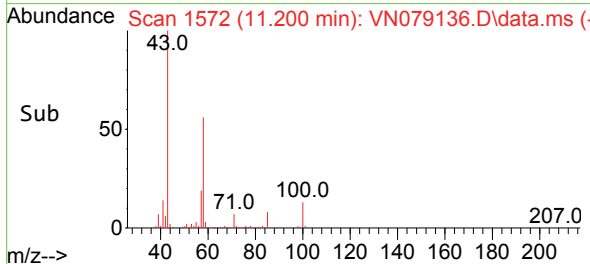
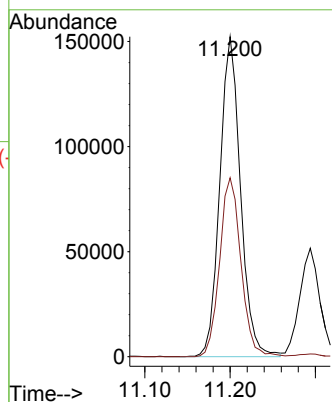
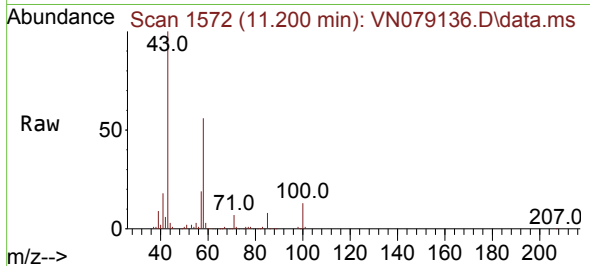




#59
2-Hexanone
Concen: 71.209 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

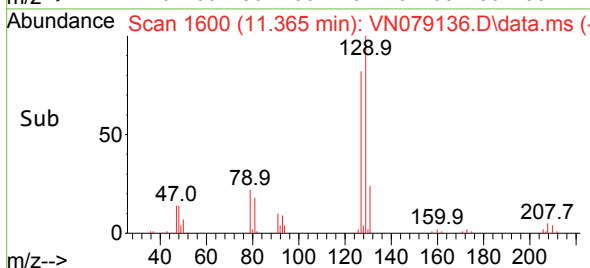
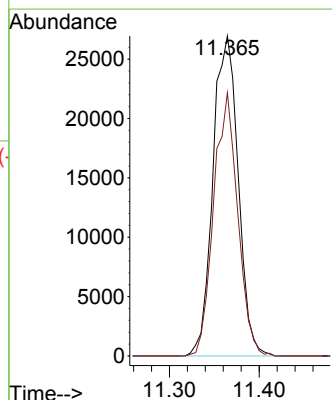
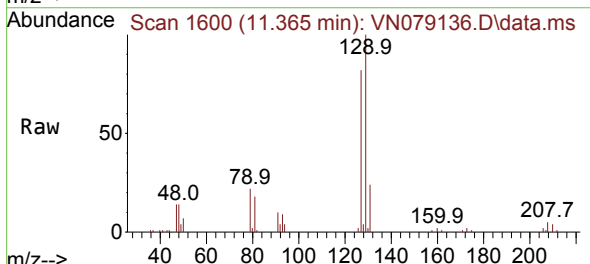
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

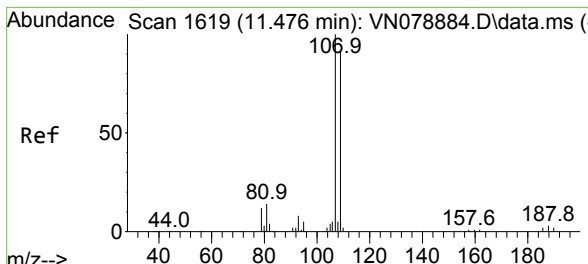
Tgt Ion: 43 Resp: 257790
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1



#60
Dibromochloromethane
Concen: 16.129 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 129 Resp: 52628
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

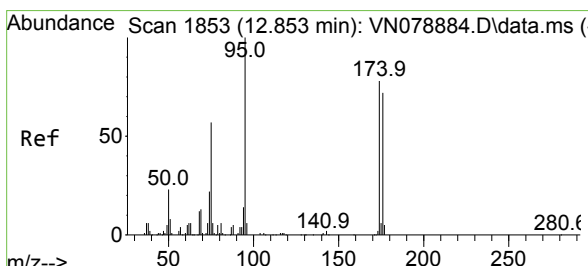
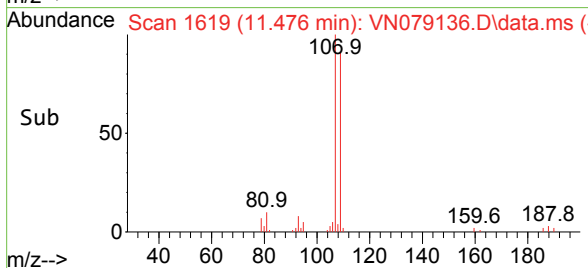
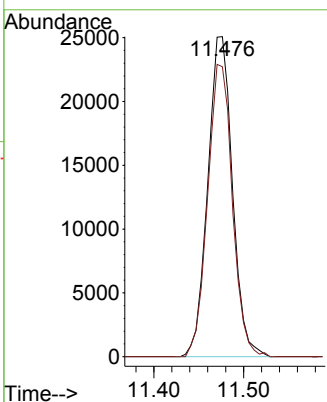
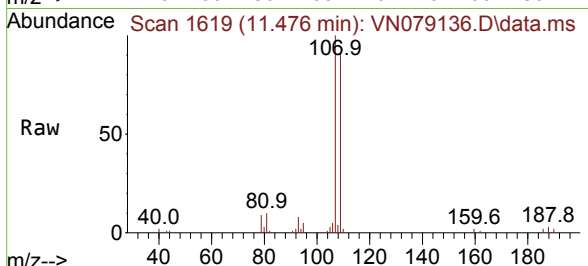




#61
 1,2-Dibromoethane
 Concen: 15.195 ug/l
 RT: 11.476 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VN079136.D
 Acq: 02 Sep 2023 12:10

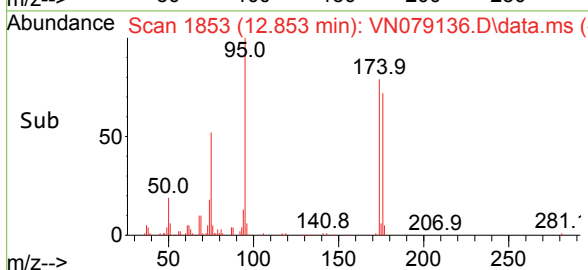
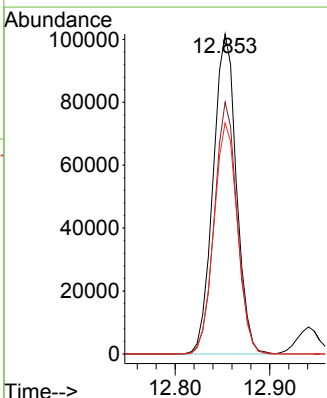
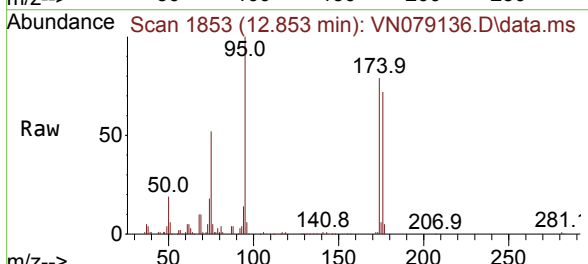
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

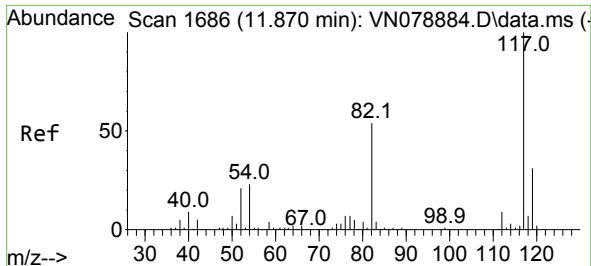
Tgt Ion:	107	Resp:	47879
Ion Ratio	Lower	Upper	
107	100		
109	91.5	76.6	114.8



#62
 4-Bromofluorobenzene
 Concen: 50.487 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN079136.D
 Acq: 02 Sep 2023 12:10

Tgt Ion:	95	Resp:	173582
Ion Ratio	Lower	Upper	
95	100		
174	76.8	0.0	143.8
176	73.4	0.0	135.8

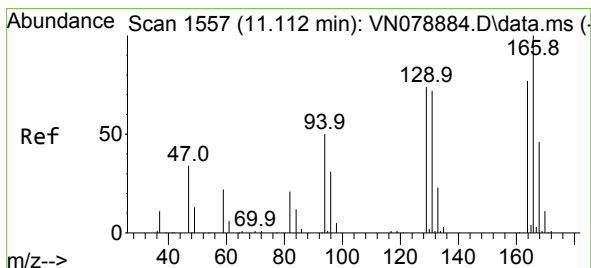
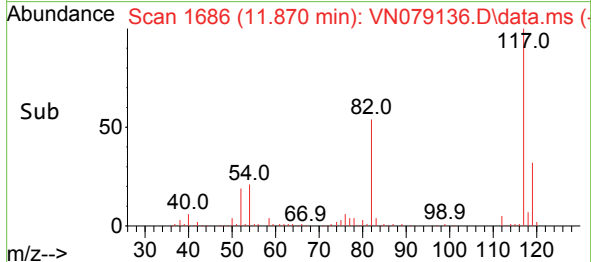
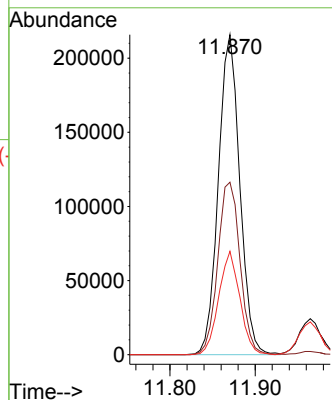
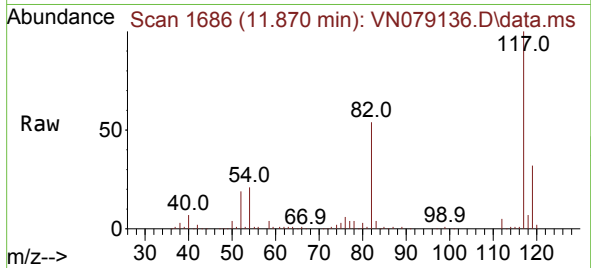




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

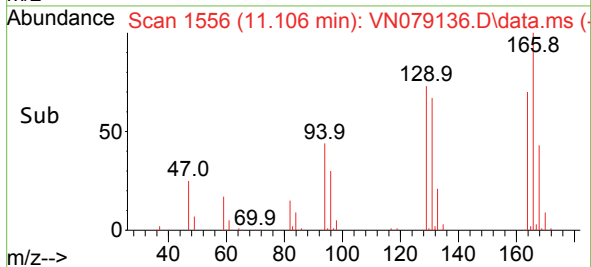
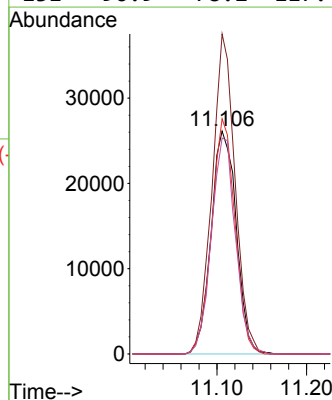
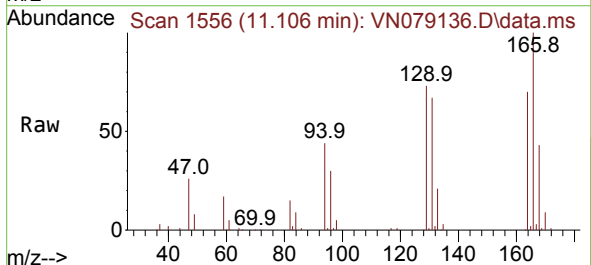
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

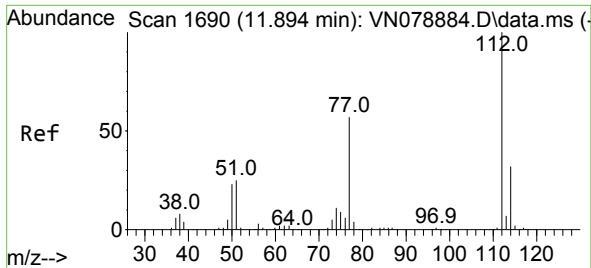
Tgt Ion:117 Resp: 377955
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 21.438 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion:164 Resp: 50812
Ion Ratio Lower Upper
164 100
166 143.5 101.4 152.0
129 105.5 82.4 123.6
131 96.9 78.2 117.4

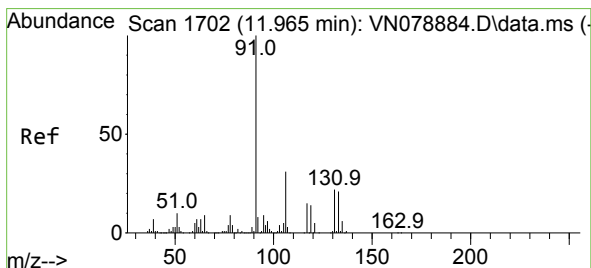
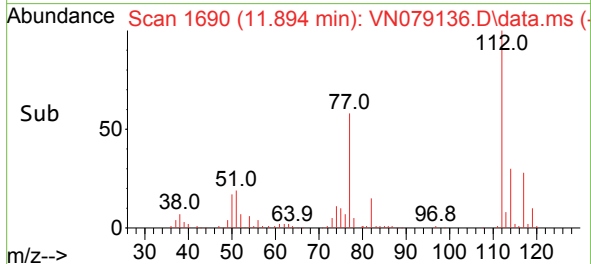
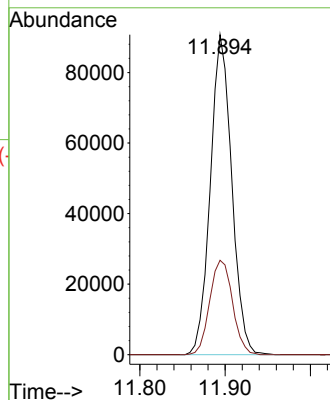
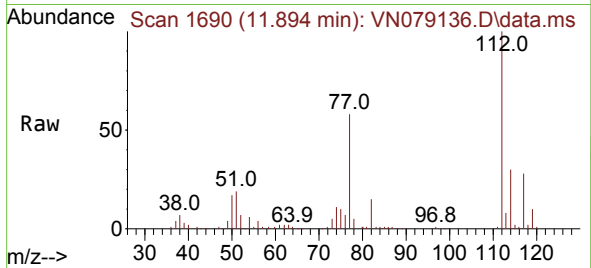




#65
Chlorobenzene
Concen: 19.662 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

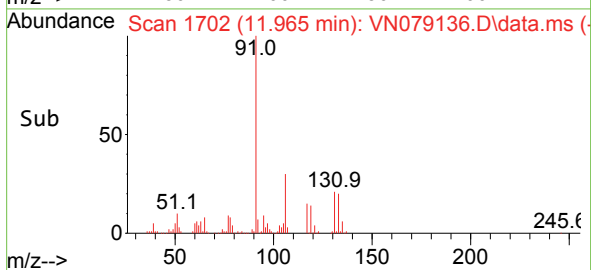
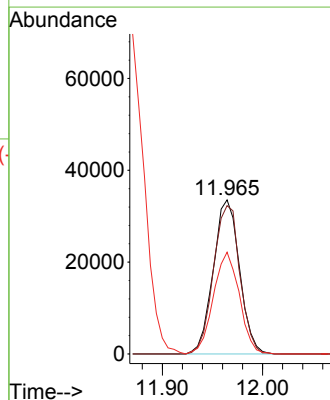
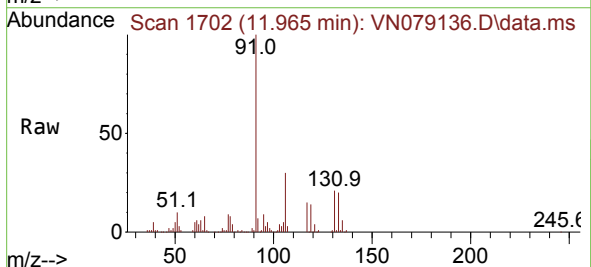
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

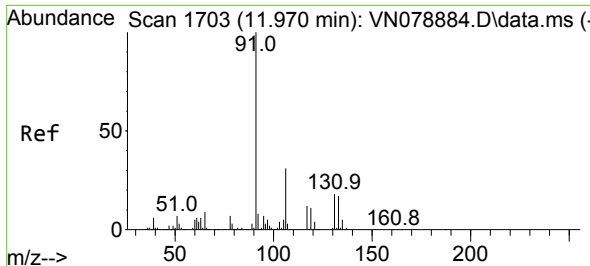
Tgt Ion:112 Resp: 158184
Ion Ratio Lower Upper
112 100
114 29.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.052 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion:131 Resp: 60966
Ion Ratio Lower Upper
131 100
133 96.8 46.4 139.1
119 65.3 34.1 102.2

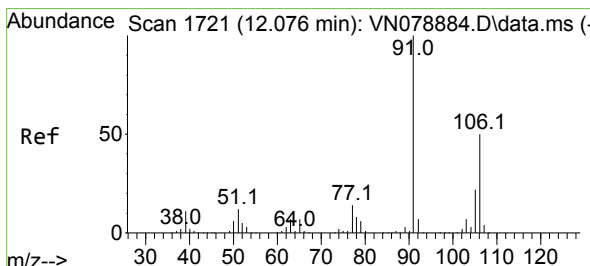
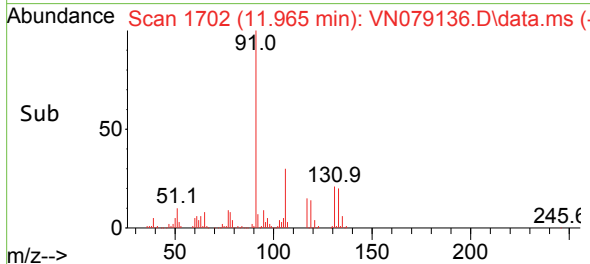
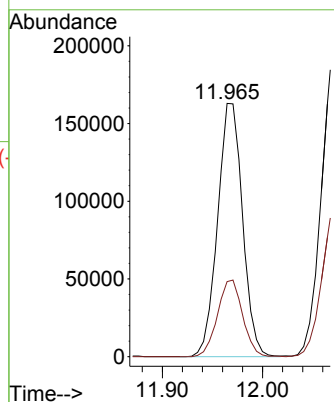
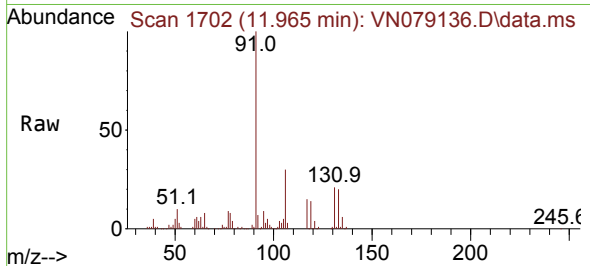




#67
Ethyl Benzene
Concen: 19.219 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

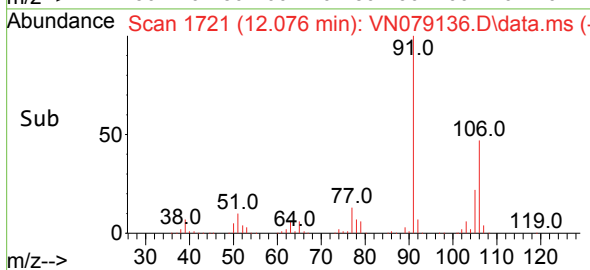
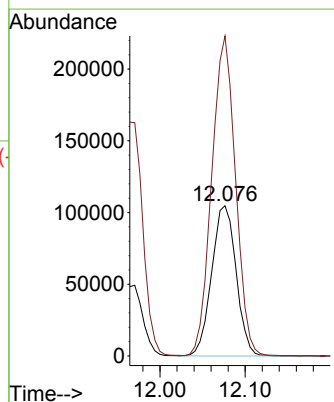
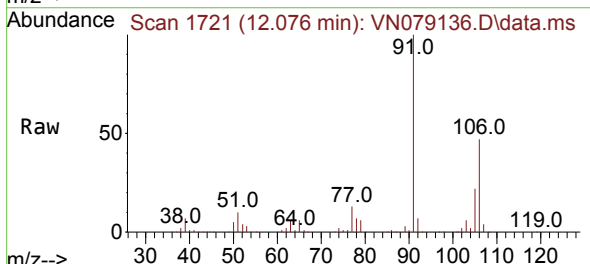
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

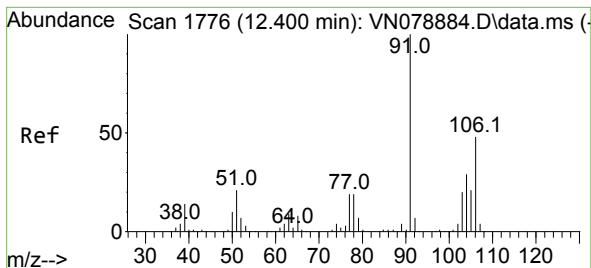
Tgt Ion: 91 Resp: 281180
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 38.247 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion:106 Resp: 209216
Ion Ratio Lower Upper
106 100
91 207.7 159.6 239.4





#69

o-Xylene

Concen: 18.899 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

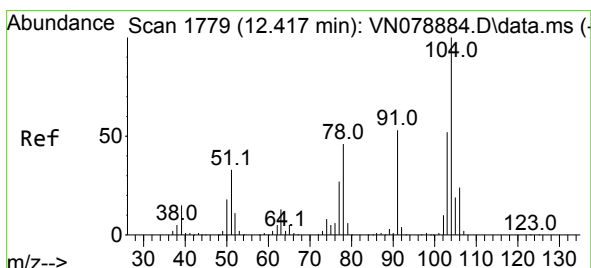
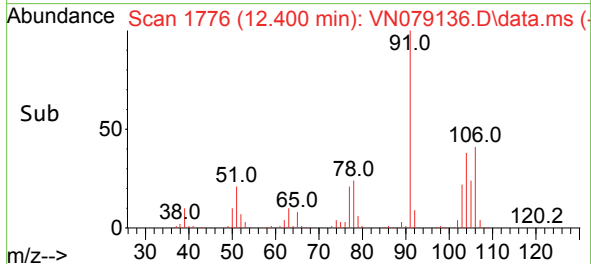
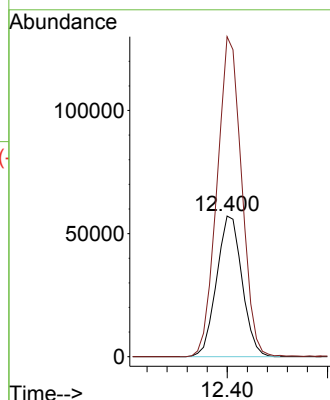
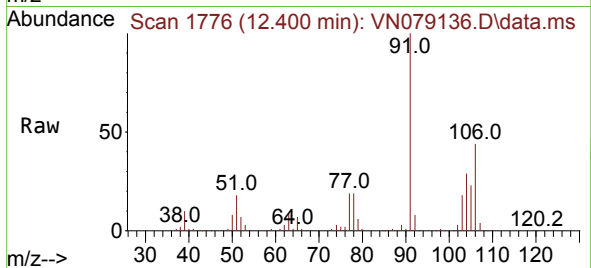
VN0902WBS01

Tgt Ion:106 Resp: 100563

Ion Ratio Lower Upper

106 100

91 220.3 105.2 315.5



#70

Styrene

Concen: 18.556 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.001 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

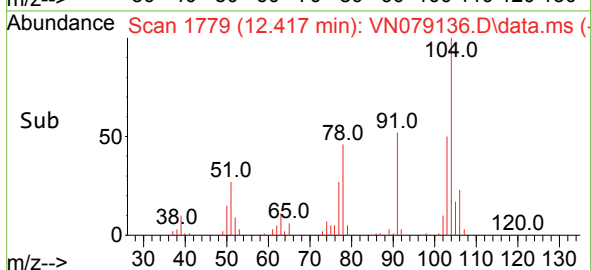
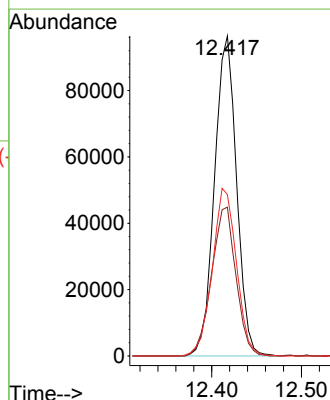
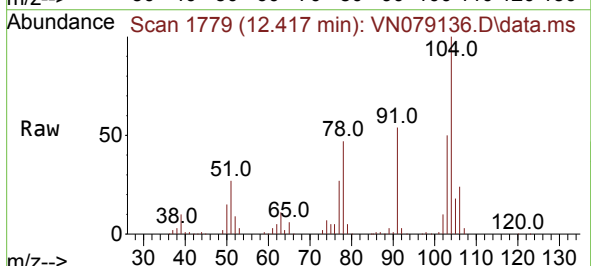
Tgt Ion:104 Resp: 164639

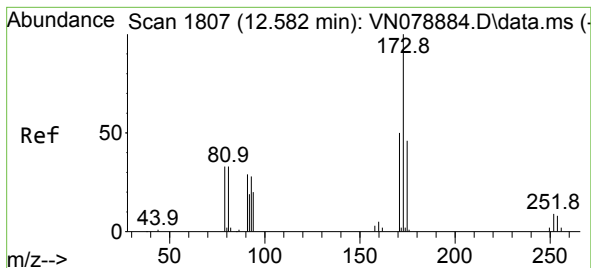
Ion Ratio Lower Upper

104 100

78 51.3 39.5 59.3

103 57.3 43.2 64.8





#71

Bromoform

Concen: 19.691 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

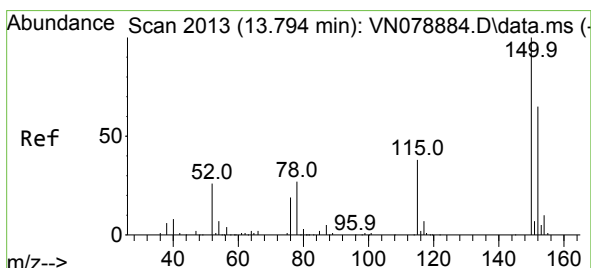
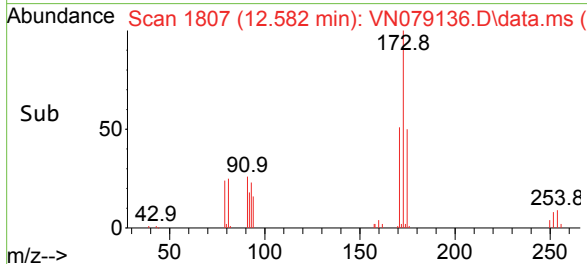
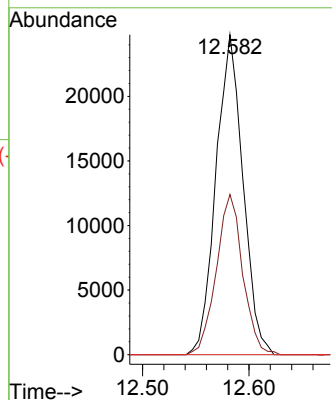
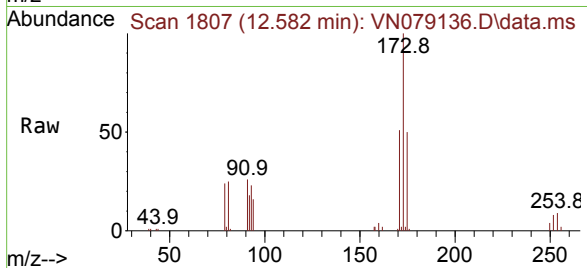
Tgt Ion:173 Resp: 43525

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: VN079136.D

Acq: 02 Sep 2023 12:10

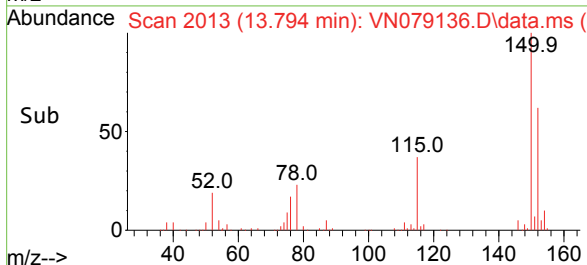
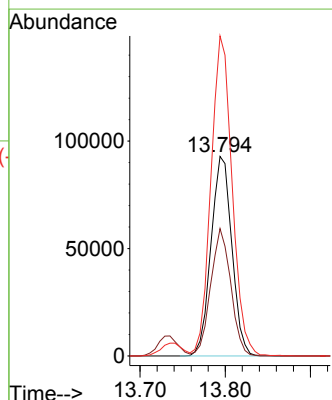
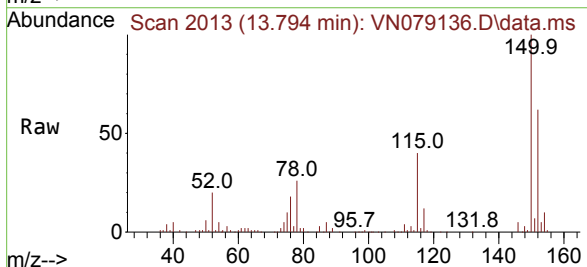
Tgt Ion:152 Resp: 158320

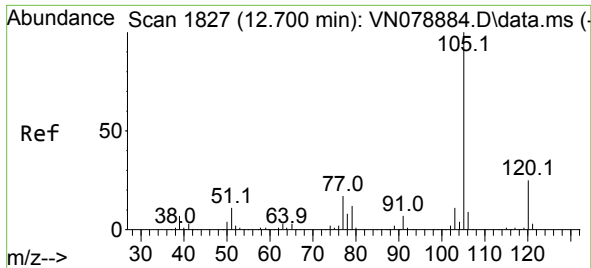
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 162.6 0.0 355.8

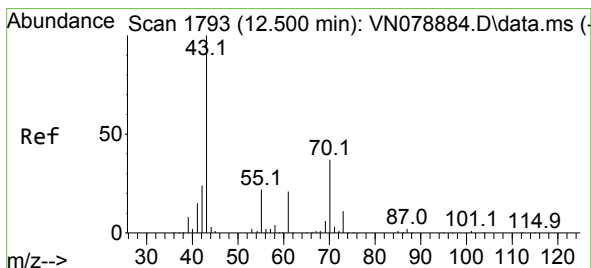
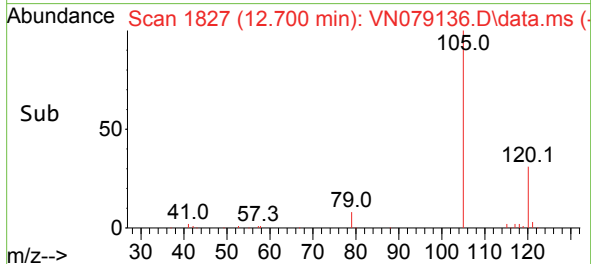
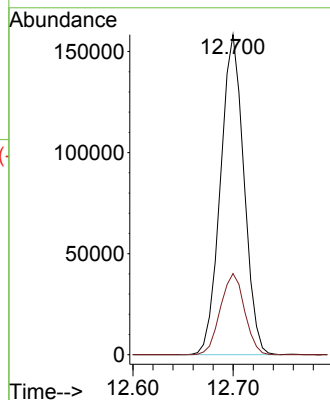
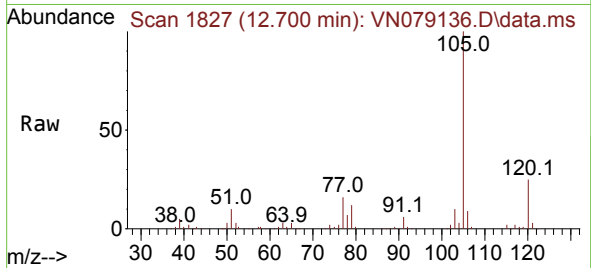




#73
Isopropylbenzene
Concen: 19.437 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

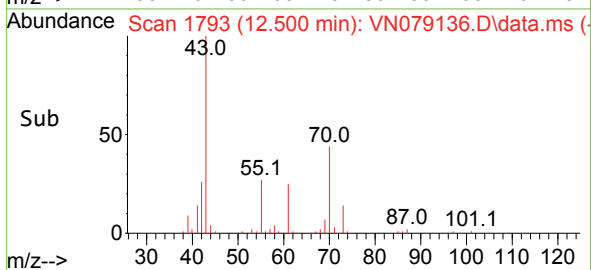
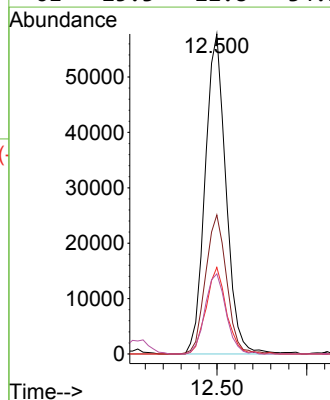
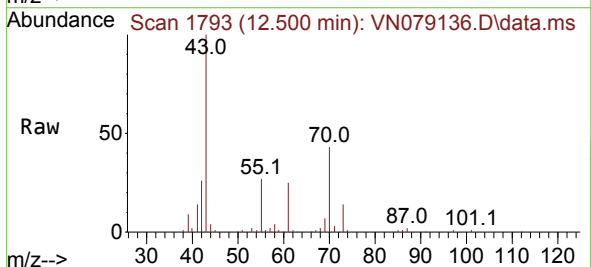
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

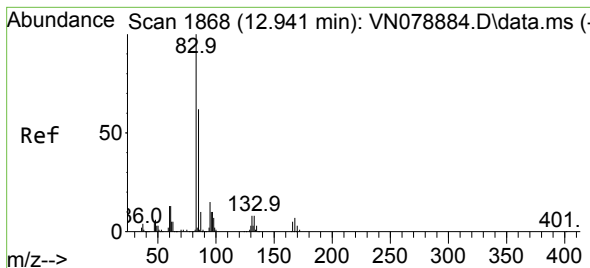
Tgt Ion:105 Resp: 256582
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 13.982 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 43 Resp: 93165
Ion Ratio Lower Upper
43 100
70 44.1 43.4 65.2
55 26.4 21.4 32.0
61 25.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.220 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

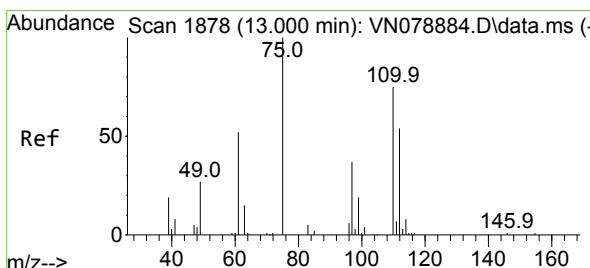
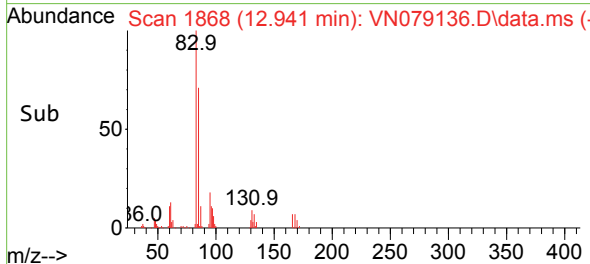
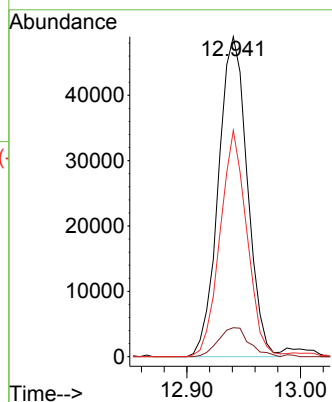
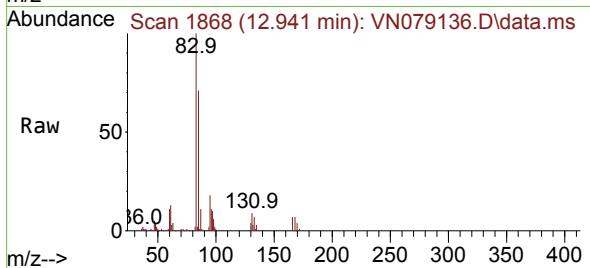
Tgt Ion: 83 Resp: 86846

Ion Ratio Lower Upper

83 100

131 9.6 5.0 15.0

85 65.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.174 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079136.D

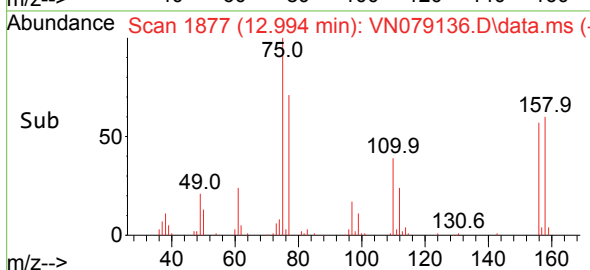
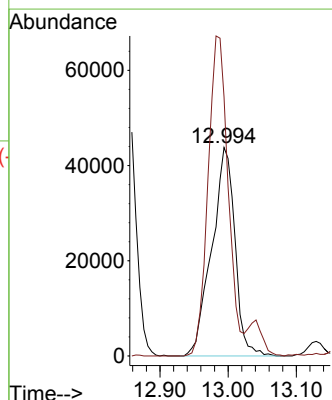
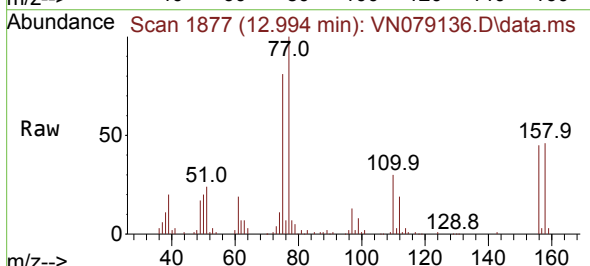
Acq: 02 Sep 2023 12:10

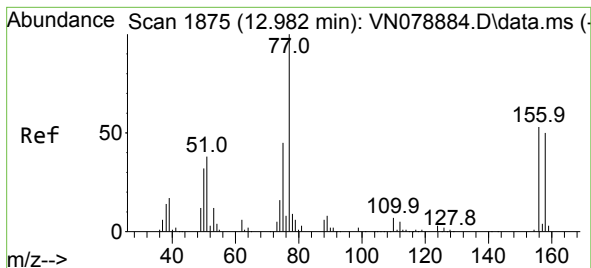
Tgt Ion: 75 Resp: 103663

Ion Ratio Lower Upper

75 100

77 133.1 84.5 253.5





#77

Bromobenzene

Concen: 19.530 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

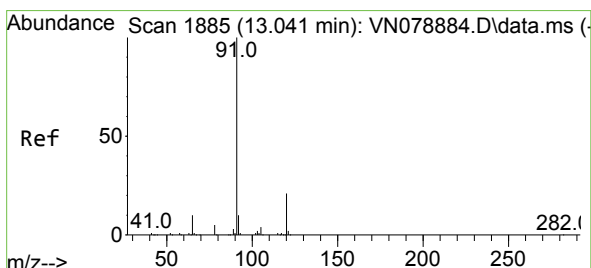
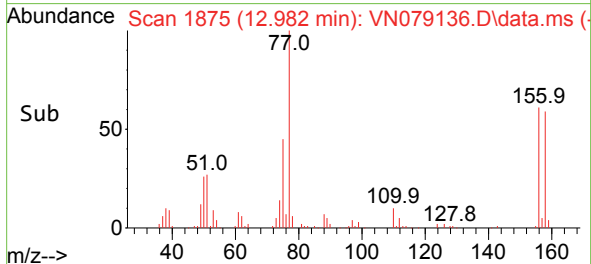
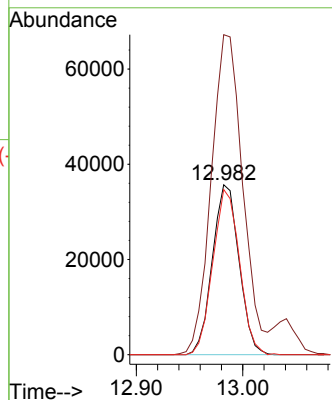
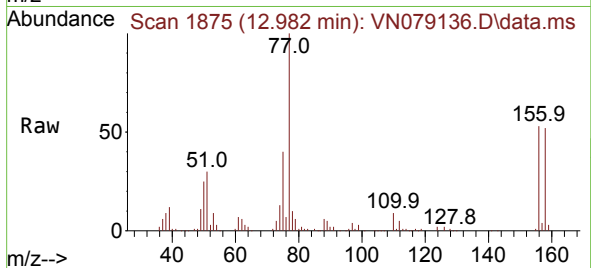
Tgt Ion:156 Resp: 61972

Ion Ratio Lower Upper

156 100

77 222.7 107.7 323.3

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 19.379 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079136.D

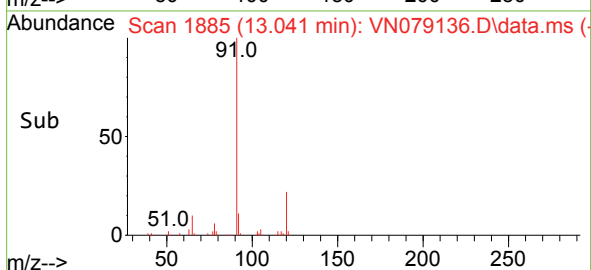
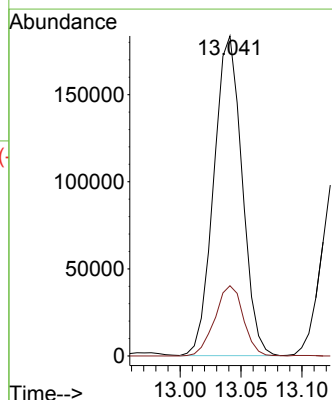
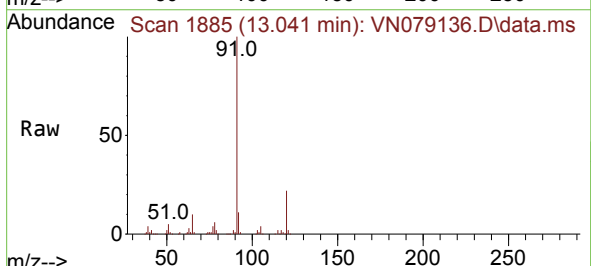
Acq: 02 Sep 2023 12:10

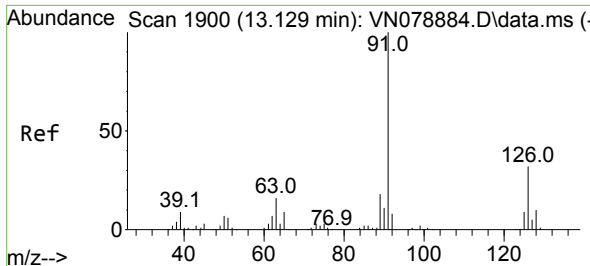
Tgt Ion: 91 Resp: 296655

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

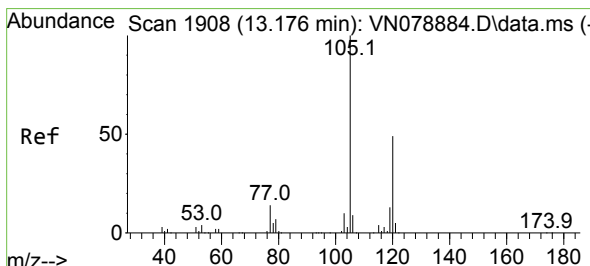
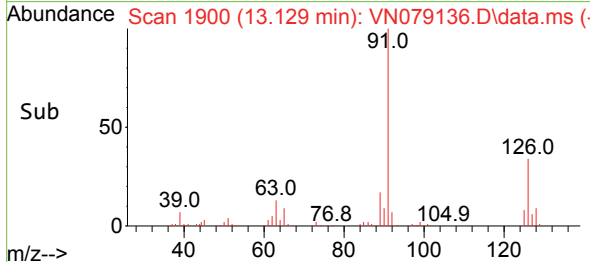
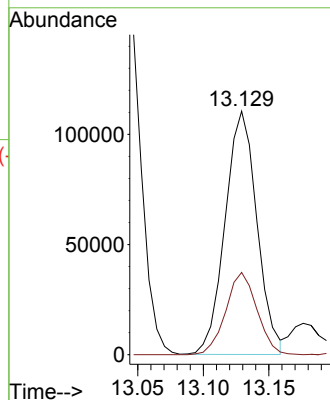
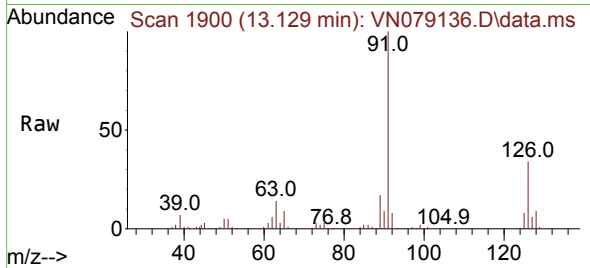




#79
2-Chlorotoluene
Concen: 19.657 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

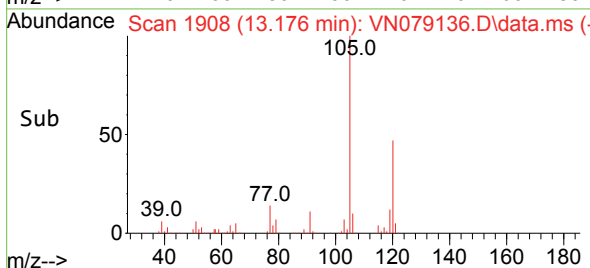
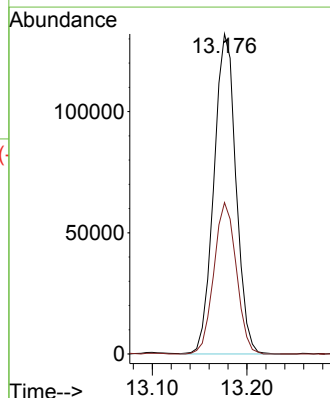
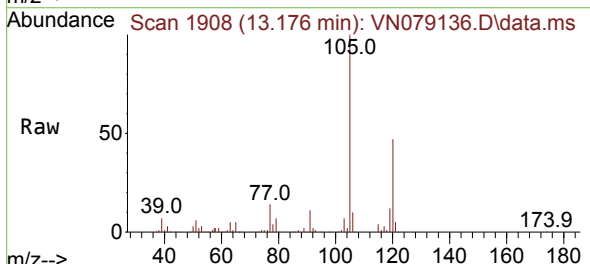
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

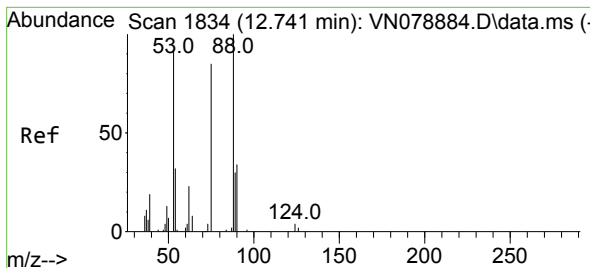
Tgt Ion: 91 Resp: 186660
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.446 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 105 Resp: 213891
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3

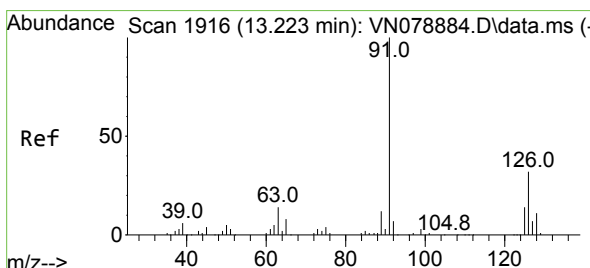
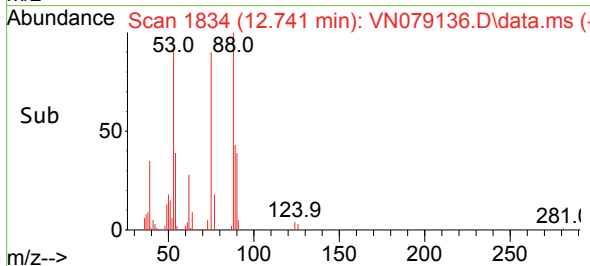
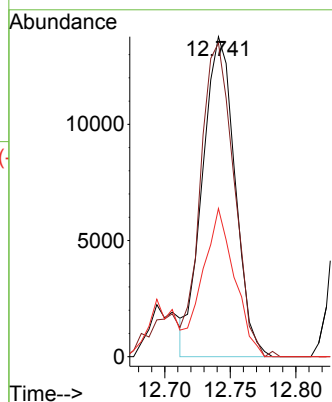
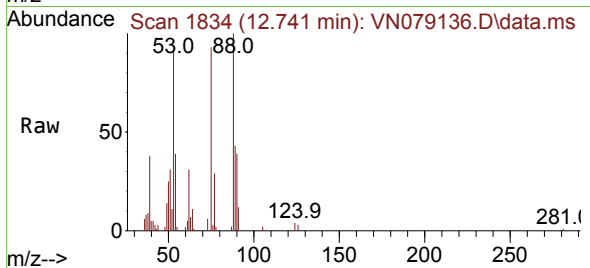




#81
trans-1,4-Dichloro-2-butene
Concen: 15.926 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

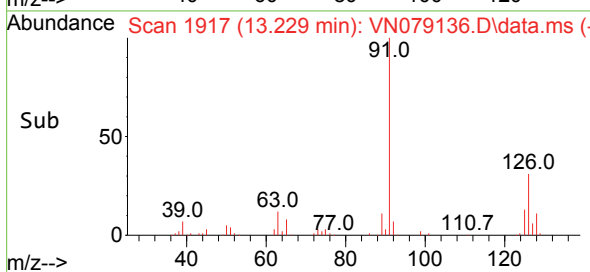
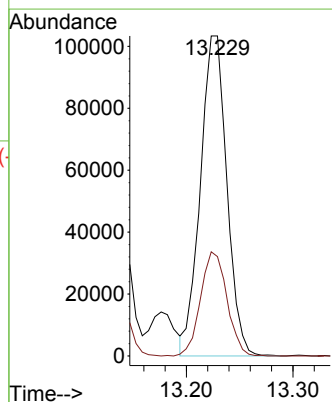
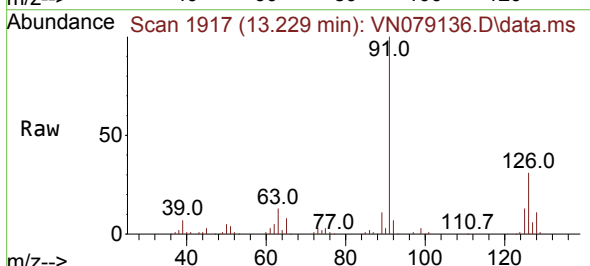
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

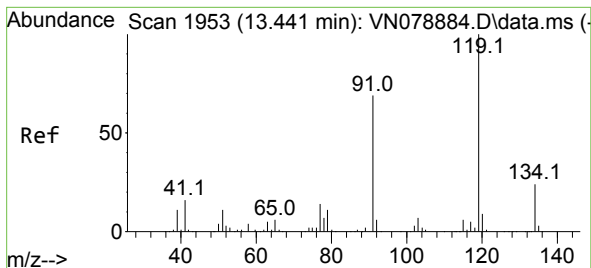
Tgt Ion: 75 Resp: 23782
Ion Ratio Lower Upper
75 100
53 113.1 67.4 101.2#
89 45.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.283 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 91 Resp: 179162
Ion Ratio Lower Upper
91 100
126 32.4 16.7 50.0





#83

tert-Butylbenzene

Concen: 20.898 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

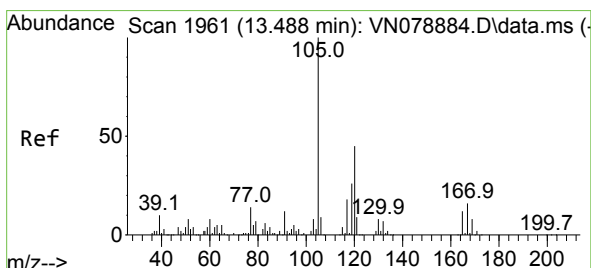
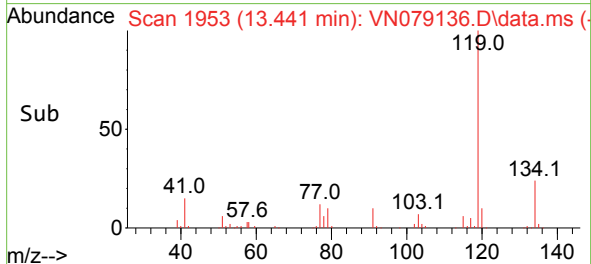
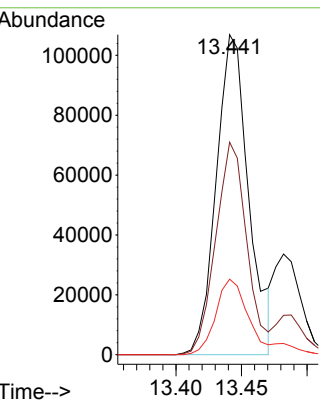
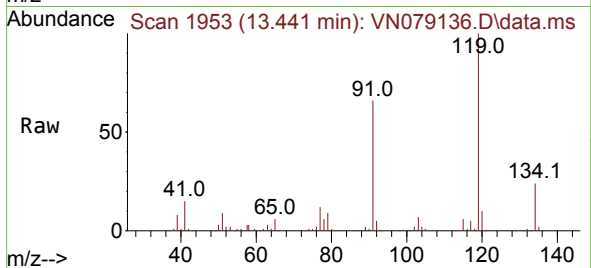
Tgt Ion:119 Resp: 183686

Ion Ratio Lower Upper

119 100

91 64.0 33.9 101.7

134 25.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.205 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN079136.D

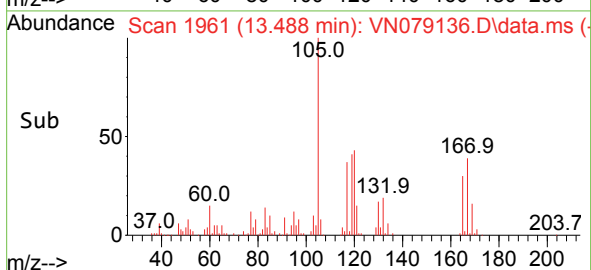
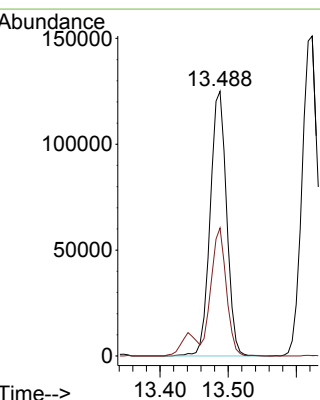
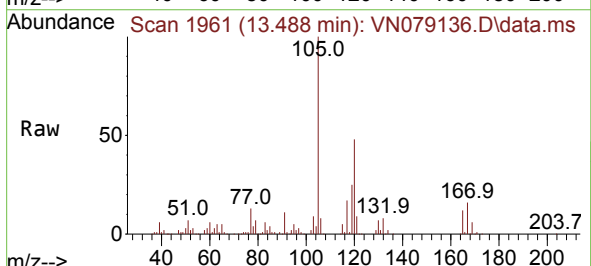
Acq: 02 Sep 2023 12:10

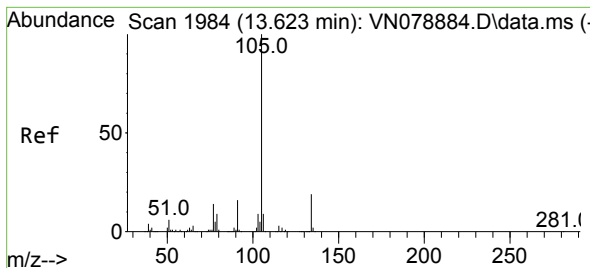
Tgt Ion:105 Resp: 209294

Ion Ratio Lower Upper

105 100

120 45.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.388 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

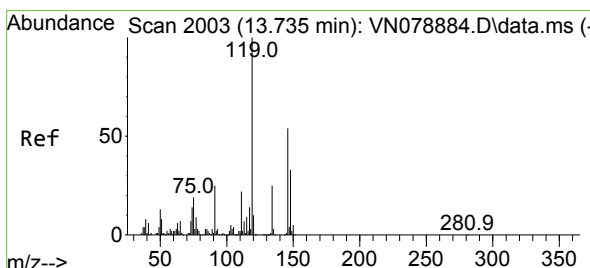
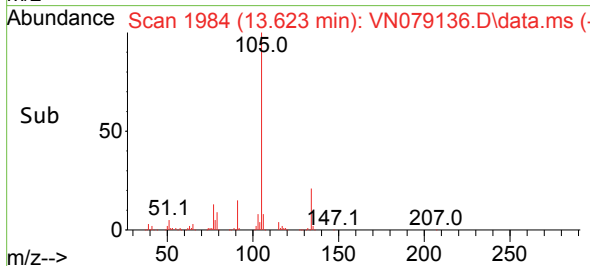
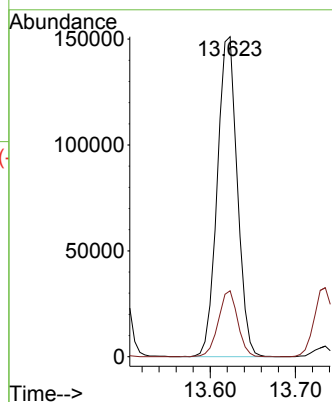
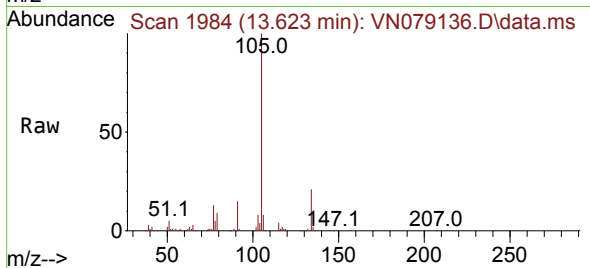
VN0902WBS01

Tgt Ion:105 Resp: 246620

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.332 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

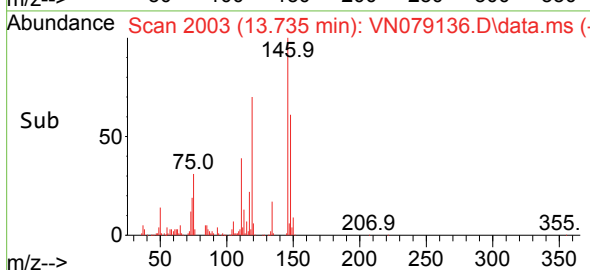
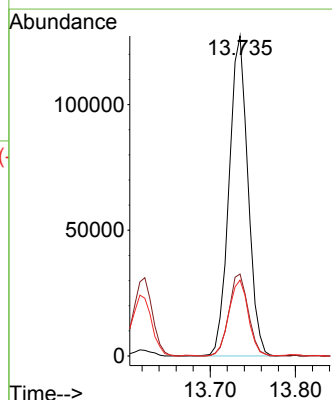
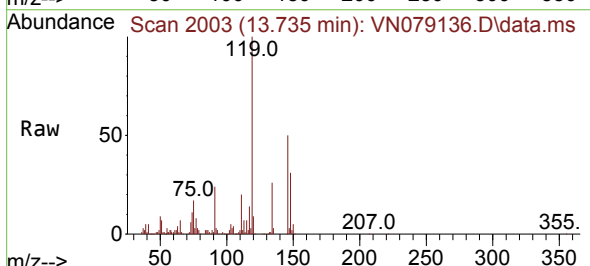
Tgt Ion:119 Resp: 196496

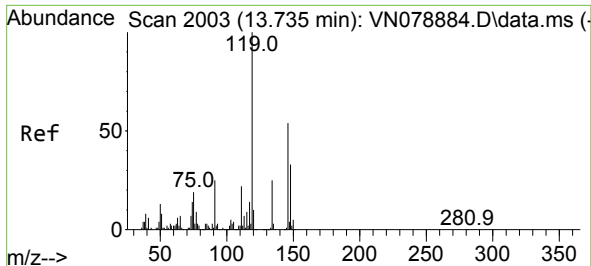
Ion Ratio Lower Upper

119 100

134 26.2 12.6 37.8

91 24.5 12.4 37.2

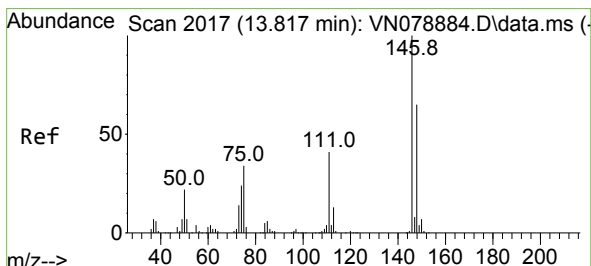
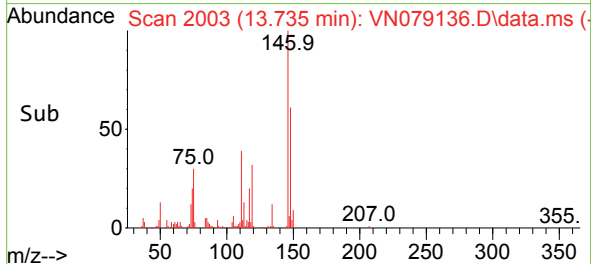
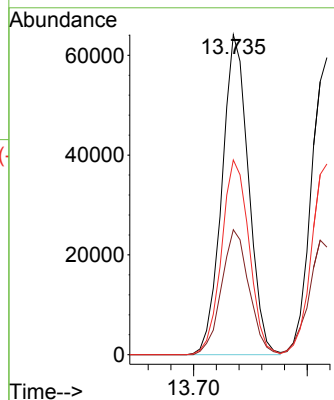
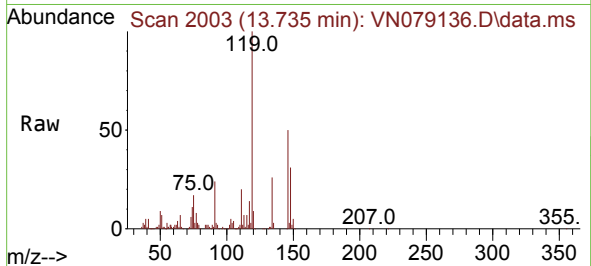




#87
1,3-Dichlorobenzene
Concen: 19.100 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

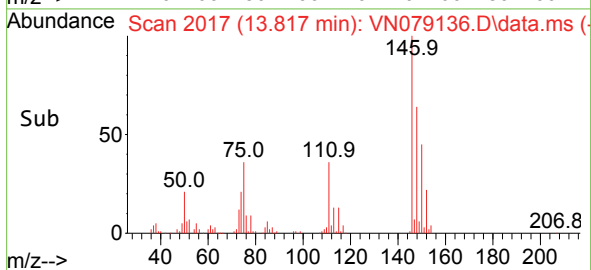
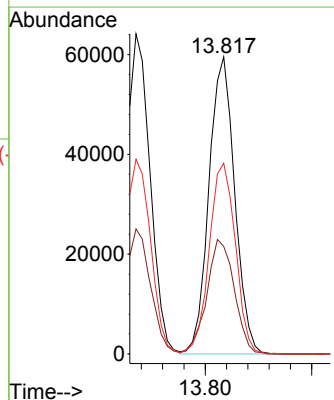
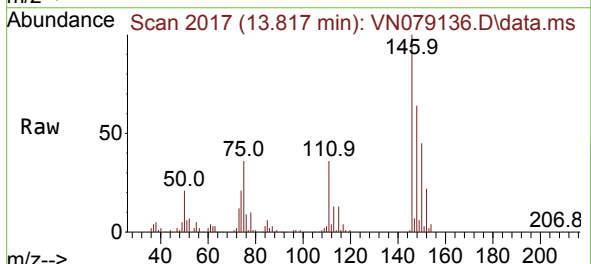
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

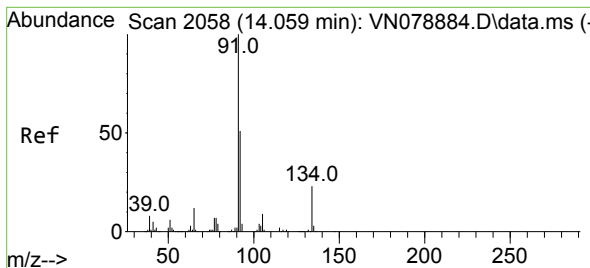
Tgt Ion:146 Resp: 104288
Ion Ratio Lower Upper
146 100
111 40.4 22.1 66.3
148 63.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 18.314 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion:146 Resp: 100090
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 65.3 31.6 94.8





#89

n-Butylbenzene

Concen: 19.327 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

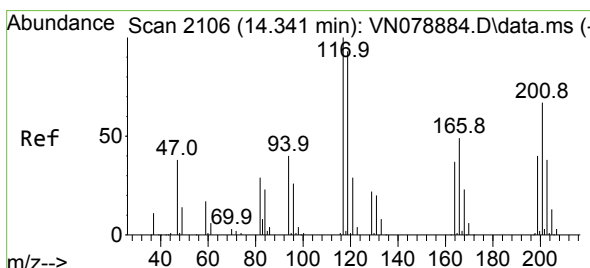
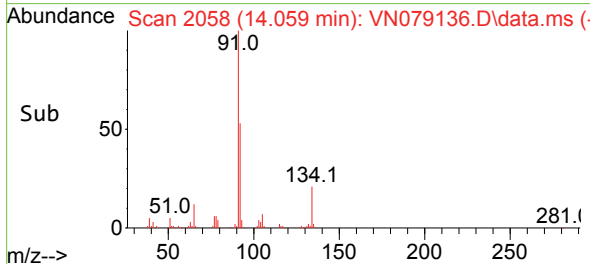
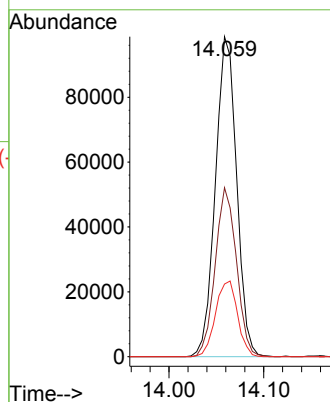
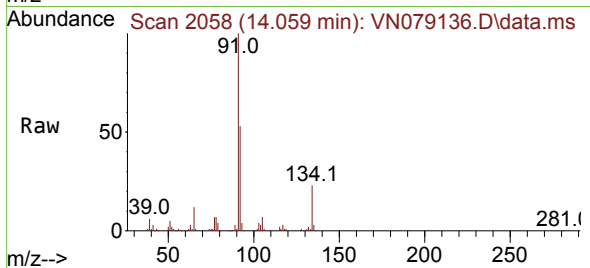
Tgt Ion: 91 Resp: 153712

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 24.6 12.6 37.6



#90

Hexachloroethane

Concen: 19.707 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN079136.D

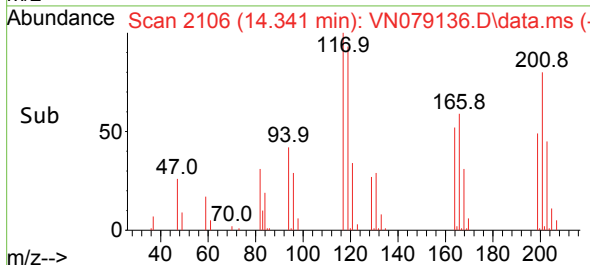
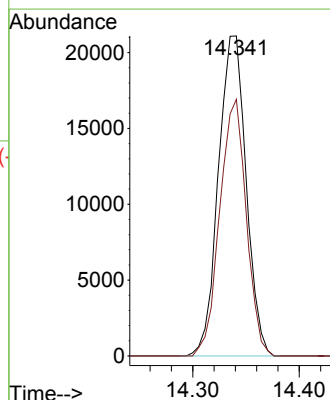
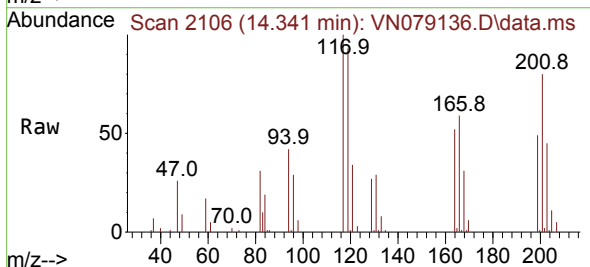
Acq: 02 Sep 2023 12:10

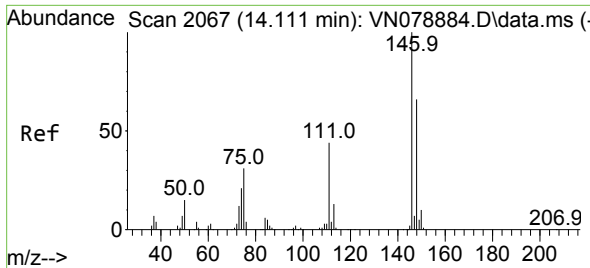
Tgt Ion: 117 Resp: 38178

Ion Ratio Lower Upper

117 100

201 76.6 29.3 88.0

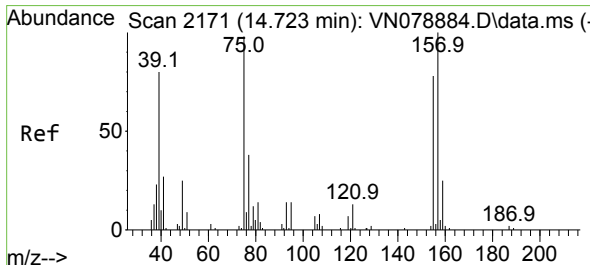
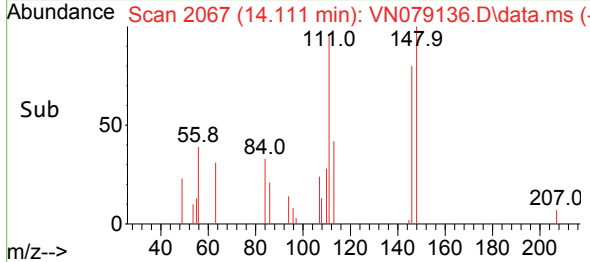
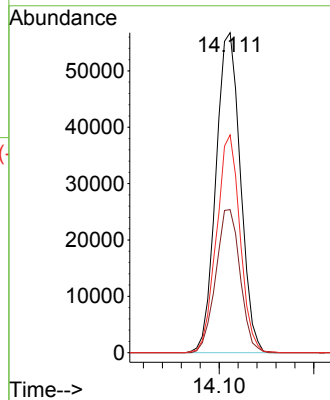
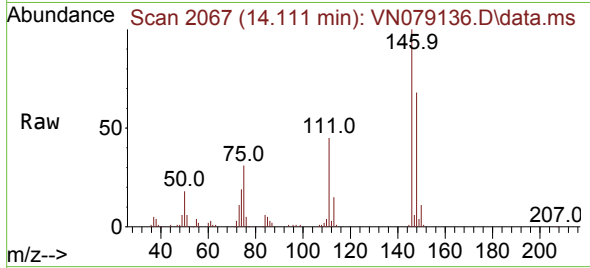




#91
1,2-Dichlorobenzene
Concen: 18.734 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

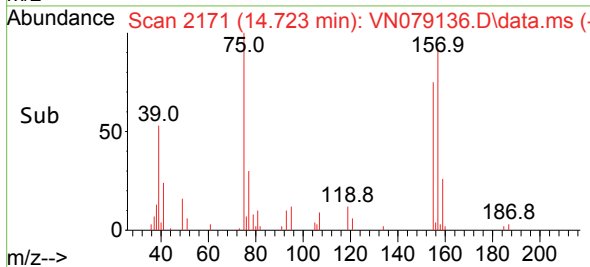
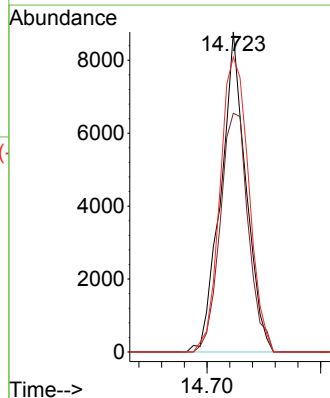
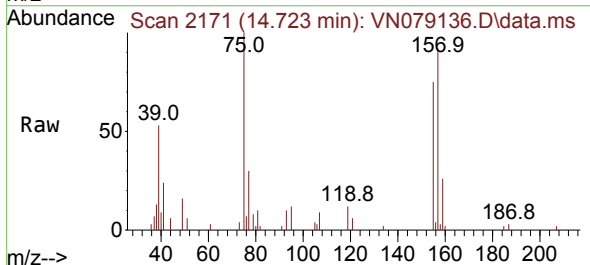
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

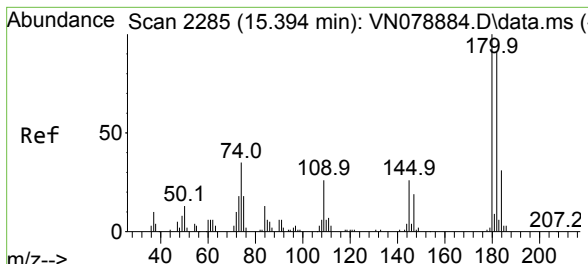
Tgt Ion:146 Resp: 101726
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 65.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.935 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion: 75 Resp: 13450
Ion Ratio Lower Upper
75 100
155 83.8 39.1 117.2
157 105.6 50.3 150.9

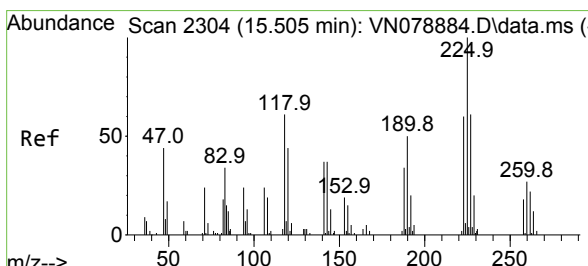
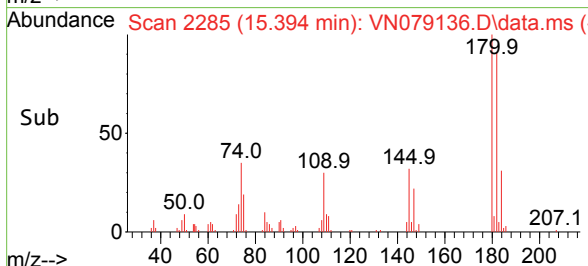
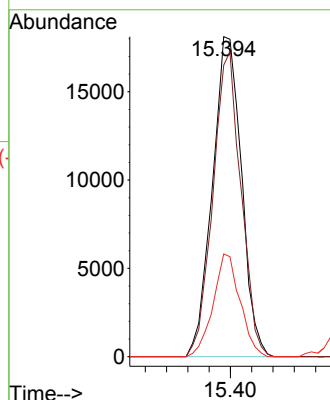
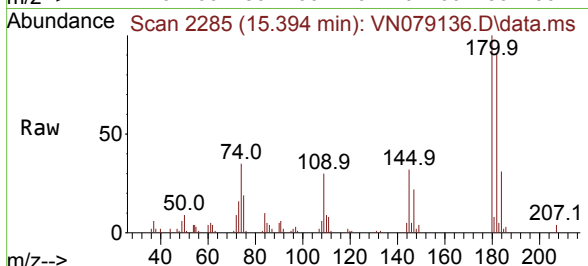




#93
1,2,4-Trichlorobenzene
Concen: 17.827 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

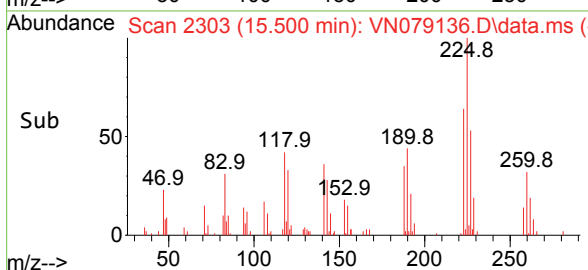
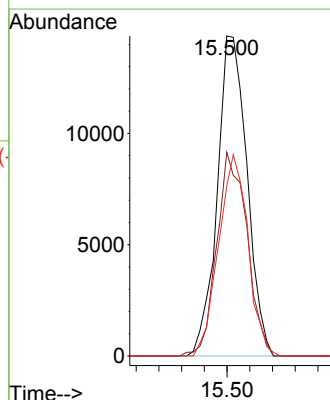
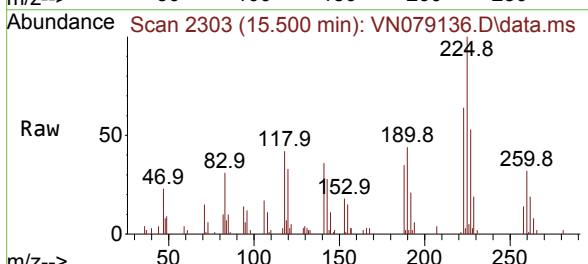
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBS01

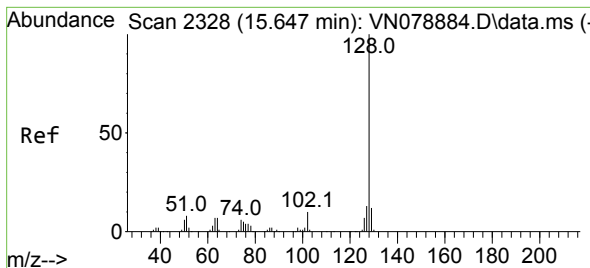
Tgt Ion:180 Resp: 34316
Ion Ratio Lower Upper
180 100
182 91.6 46.1 138.2
145 29.6 16.6 49.8



#94
Hexachlorobutadiene
Concen: 24.028 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079136.D
Acq: 02 Sep 2023 12:10

Tgt Ion:225 Resp: 26207
Ion Ratio Lower Upper
225 100
223 64.4 31.3 93.8
227 61.9 31.9 95.9





#95

Naphthalene

Concen: 13.357 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBS01

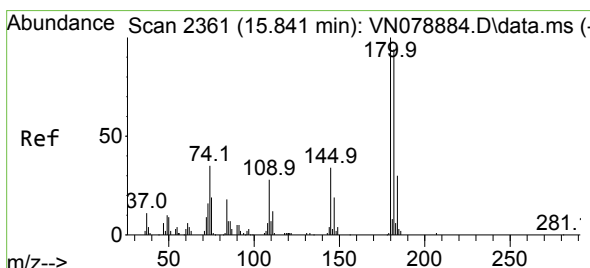
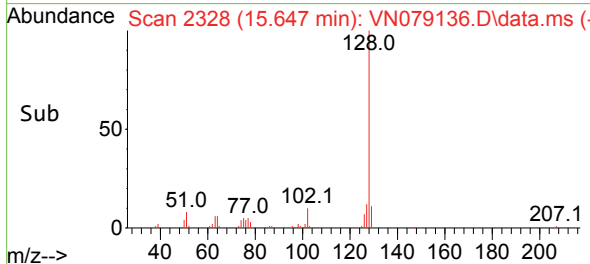
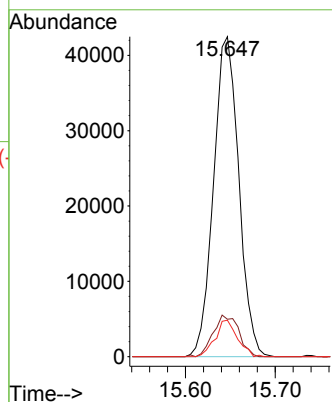
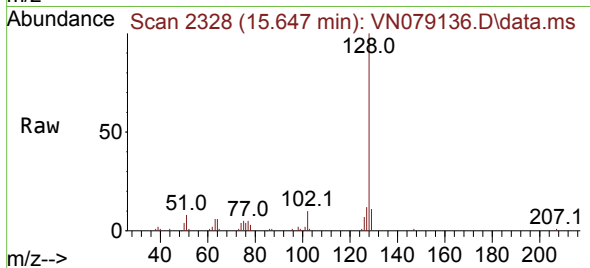
Tgt Ion:128 Resp: 82940

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 13.900 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079136.D

Acq: 02 Sep 2023 12:10

Tgt Ion:180 Resp: 29305

Ion Ratio Lower Upper

180 100

182 99.9 46.2 138.6

145 34.0 17.5 52.6

