

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079078.D
 Acq On : 28 Aug 2023 19:44
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 29 05:23:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	39848	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	216417	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	196248	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	95090	29.455	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.200%
60) 4-Bromofluorobenzene	12.853	95	84840	29.636	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.800%
63) Toluene-d8	10.571	98	285722	31.177	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.933%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	46425	18.463	ug/l	93
3) Chloromethane	2.365	50	55346	18.366	ug/l	90
4) Vinyl Chloride	2.512	62	56999	19.111	ug/l	90
5) Bromomethane	2.959	94	32310	17.550	ug/l	95
6) Chloroethane	3.118	64	39775	20.522	ug/l	99
7) Trichlorofluoromethane	3.501	101	76267	18.986	ug/l	94
8) Diethyl Ether	3.959	74	27403	18.137	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	42253	20.140	ug/l	89
10) 1,1-Dichloroethene	4.348	96	39136	18.542	ug/l #	93
11) Methyl Iodide	4.589	142	50374	19.778	ug/l	94
12) Methyl Acetate	5.036	43	94513	19.104	ug/l	92
13) Acrolein	4.289	56	276	0.800	ug/l	100
14) Acrylonitrile	5.730	53	127384	97.949	ug/l #	92
15) Acetone	4.442	58	31628	79.280	ug/l	98
16) Carbon Disulfide	4.712	76	107000	17.643	ug/l	99
17) Allyl chloride	5.024	41	61441	15.882	ug/l	96
18) Methylene Chloride	5.283	84	50512	20.019	ug/l	99
19) trans-1,2-Dichloroethene	5.795	96	43963	18.506	ug/l	95
20) Diisopropyl ether	6.683	45	163183	19.391	ug/l #	88
21) 1,1-Dichloroethane	6.571	63	92939	19.903	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	53247	19.584	ug/l	97
23) tert-Butyl Alcohol	5.536	59	43874	90.441	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	142549	19.026	ug/l	99
25) Chloroform	7.971	83	93163	19.804	ug/l	98
26) Cyclohexane	8.259	56	66606	19.499	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	65464	19.885	ug/l	98
30) 2-Butanone	7.494	43	177064	91.873	ug/l	99
31) 2,2-Dichloropropane	7.494	77	60810	16.713	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	79752	20.290	ug/l	98
33) Carbon Tetrachloride	8.365	117	70237	20.630	ug/l	95
34) Benzene	8.612	78	197383	20.007	ug/l	99
35) Methacrylonitrile	7.783	41	40998	19.959	ug/l	96
36) 1,2-Dichloroethane	8.677	62	74630	20.200	ug/l	96
37) Trichloroethene	9.359	130	47058	19.162	ug/l	94
38) Methylcyclohexane	9.612	83	60665	20.930	ug/l	99
39) 1,2-Dichloropropane	9.624	63	53552	20.152	ug/l	94
40) Dibromomethane	9.712	93	36683	20.593	ug/l	98
41) Bromodichloromethane	9.894	83	71904	20.072	ug/l #	93
42) Vinyl Acetate	6.612	43	540116	99.399	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079078.D
 Acq On : 28 Aug 2023 19:44
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

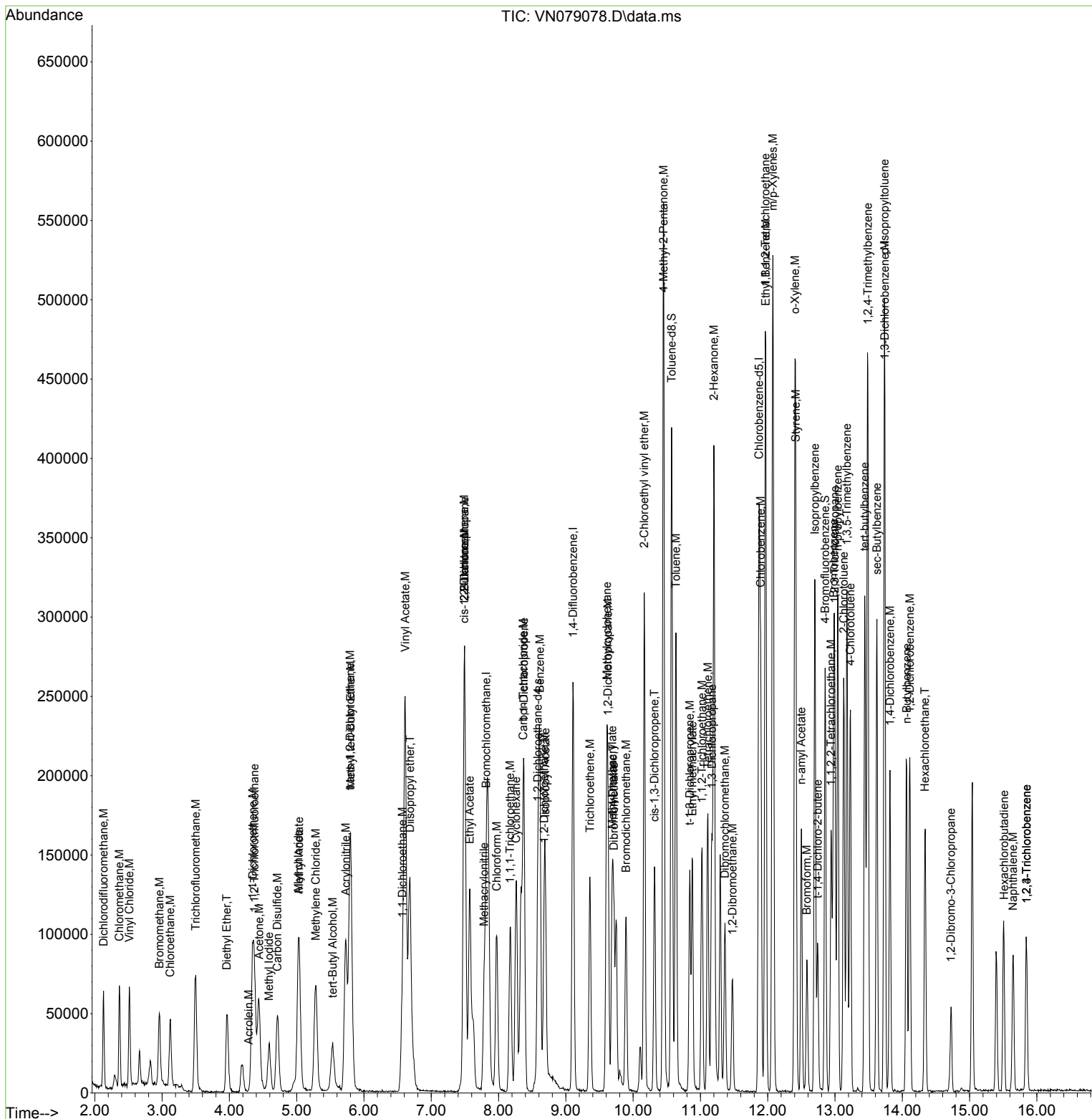
Instrument :
 MSVOA_N
 ClientSampleId :

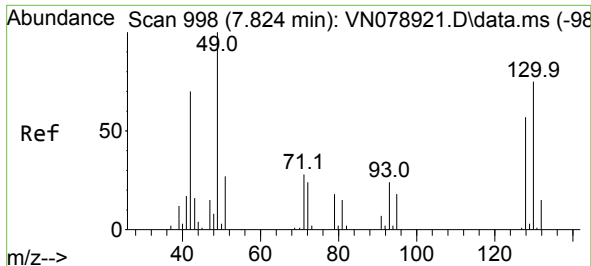
Quant Time: Aug 29 05:23:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	68920	18.433	ug/l	# 88
44) Isopropyl Acetate	8.694	43	131043	19.891	ug/l	97
45) 1,4-Dioxane	9.700	88	20401	411.502	ug/l	95
46) Methyl methacrylate	9.688	41	56503	19.466	ug/l	95
47) n-amyl Acetate	12.500	43	93347	18.464	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	74200	19.448	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	78727	19.243	ug/l	93
50) 1,1,2-Trichloroethane	11.024	97	51370	21.340	ug/l	99
51) Ethyl methacrylate	10.882	69	70726	18.983	ug/l	99
52) 1,3-Dichloropropane	11.171	76	86525	20.068	ug/l	99
53) Dibromochloromethane	11.365	129	50851	19.301	ug/l	97
54) 1,2-Dibromoethane	11.477	107	48196	19.502	ug/l	91
55) 2-Chloroethyl vinyl ether	10.165	63	131525	76.374	ug/l	98
56) Bromoform	12.582	173	35731	19.222	ug/l	97
58) 4-Methyl-2-Pentanone	10.453	43	383538	98.504	ug/l	99
59) 2-Hexanone	11.200	43	269628	94.514	ug/l	99
61) Tetrachloroethene	11.112	164	38054	20.027	ug/l	93
62) Toluene	10.635	91	213812	19.956	ug/l	97
64) Chlorobenzene	11.894	112	126857	19.692	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.965	131	48362	19.634	ug/l	96
66) Ethyl Benzene	11.971	91	218843	19.527	ug/l	99
67) m/p-Xylenes	12.076	106	167563	40.100	ug/l	99
68) o-Xylene	12.406	106	80979	19.654	ug/l	99
69) Styrene	12.418	104	131325	19.616	ug/l	98
70) Isopropylbenzene	12.700	105	202336	20.268	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	75741	20.239	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	86864	28.293	ug/l	59
73) Bromobenzene	12.982	156	51374	20.214	ug/l	97
74) n-propylbenzene	13.041	91	236603	20.912	ug/l	99
75) 2-Chlorotoluene	13.129	91	149118	20.776	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	169710	21.445	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	18986	16.641	ug/l	90
78) 4-Chlorotoluene	13.229	91	140233	20.394	ug/l	100
79) tert-butylbenzene	13.441	119	147985	22.129	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	167371	21.509	ug/l	100
81) sec-Butylbenzene	13.623	105	196545	22.270	ug/l	99
82) p-Isopropyltoluene	13.735	119	156527	21.723	ug/l	98
83) 1,3-Dichlorobenzene	13.741	146	85442	20.831	ug/l	95
84) 1,4-Dichlorobenzene	13.818	146	78562	19.509	ug/l	99
85) n-Butylbenzene	14.065	91	117173	20.676	ug/l	100
86) Hexachloroethane	14.335	117	32453	22.012	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	86290	20.541	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12555	18.692	ug/l	95
89) 1,2,4-Trichlorobenzene	15.847	180	32561	19.626	ug/l	95
90) Hexachlorobutadiene	15.512	225	19174	22.198	ug/l	96
91) Naphthalene	15.647	128	78597	16.425	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	32561	19.626	ug/l	95

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

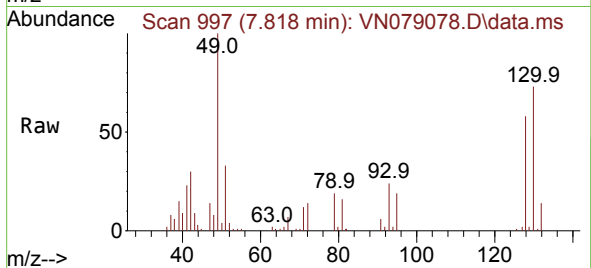
Quant Time: Aug 29 05:23:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 2023
Response via : Initial Calibration



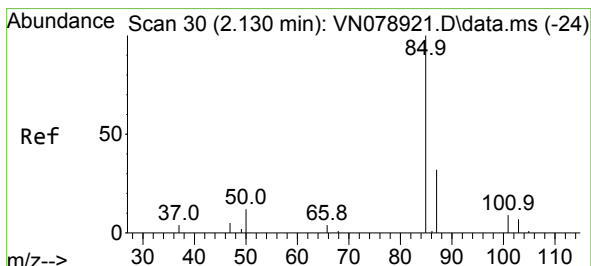
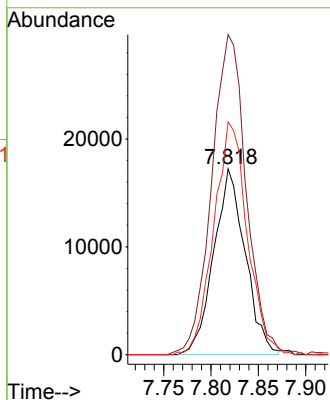
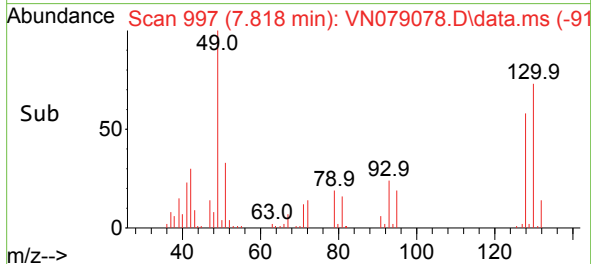


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Instrument :
MSVOA_N
ClientSampleId :

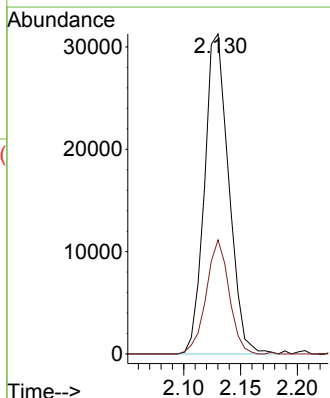
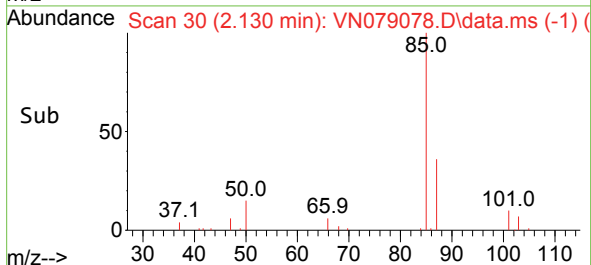
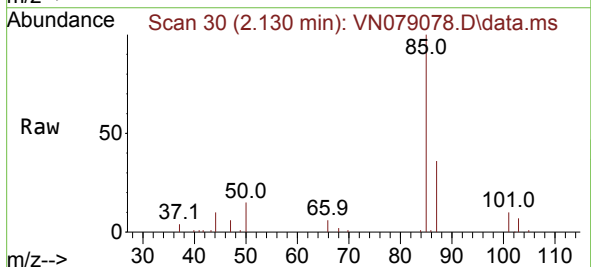


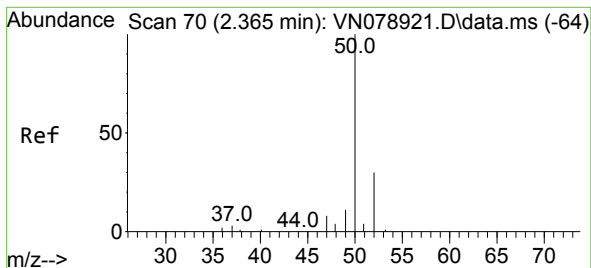
Tgt Ion:128 Resp: 39848
Ion Ratio Lower Upper
128 100
49 189.3 0.0 481.8
130 133.6 0.0 320.5



#2
Dichlorodifluoromethane
Concen: 18.463 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 85 Resp: 46425
Ion Ratio Lower Upper
85 100
87 35.6 15.9 47.7





#3

Chloromethane

Concen: 18.366 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

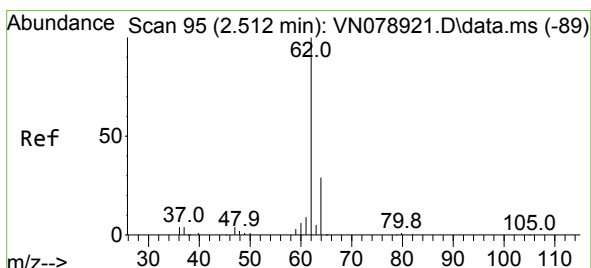
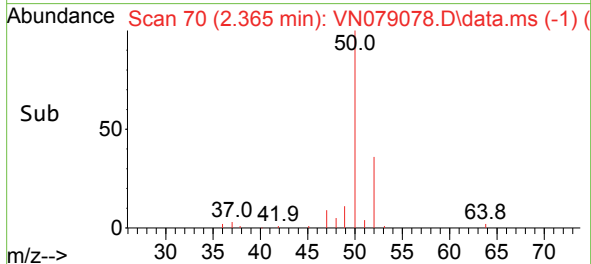
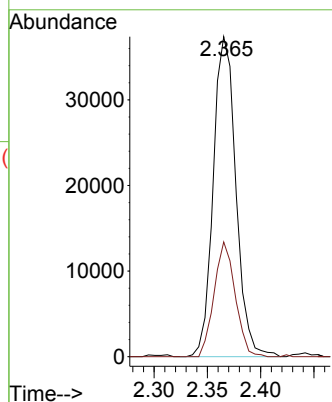
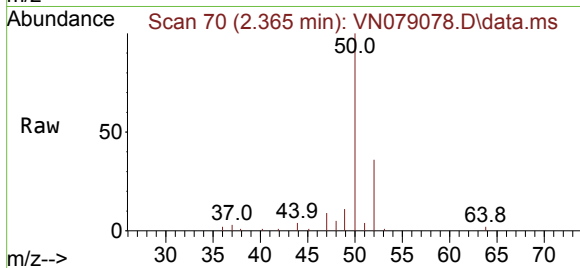
ClientSampleId :

Tgt Ion: 50 Resp: 55346

Ion Ratio Lower Upper

50 100

52 35.8 24.2 36.4



#4

Vinyl Chloride

Concen: 19.111 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079078.D

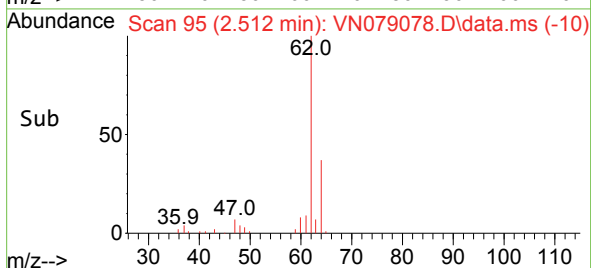
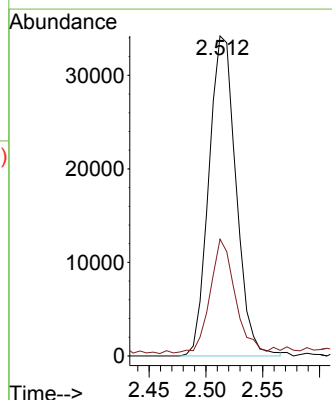
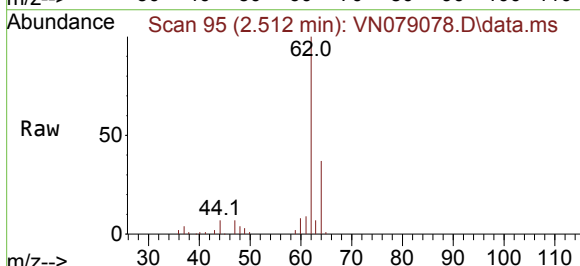
Acq: 28 Aug 2023 19:44

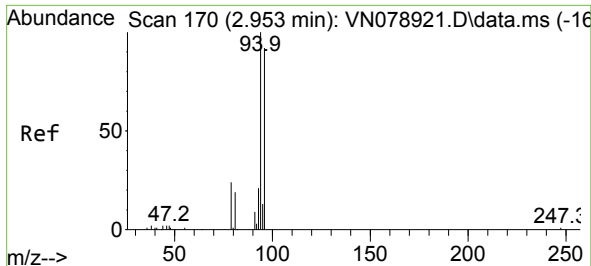
Tgt Ion: 62 Resp: 56999

Ion Ratio Lower Upper

62 100

64 35.2 23.8 35.8

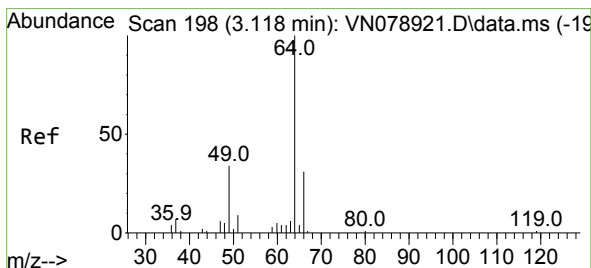
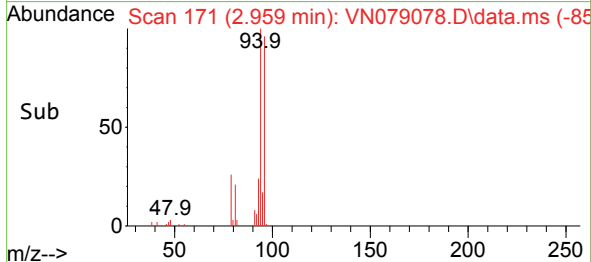
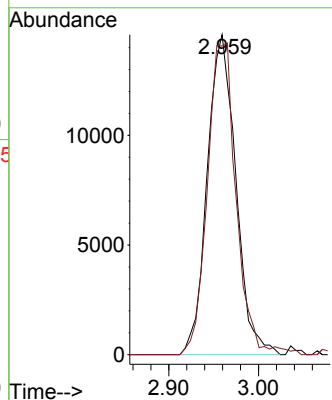
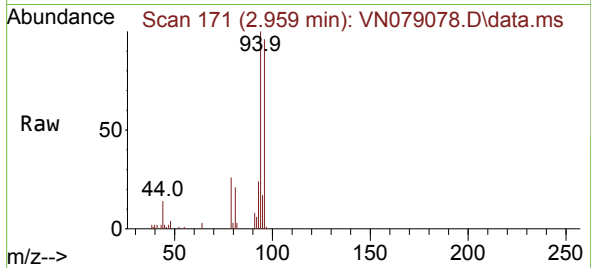




#5
Bromomethane
Concen: 17.550 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

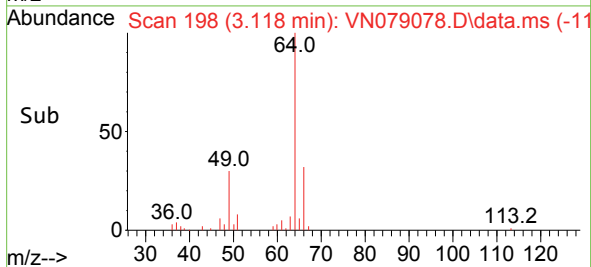
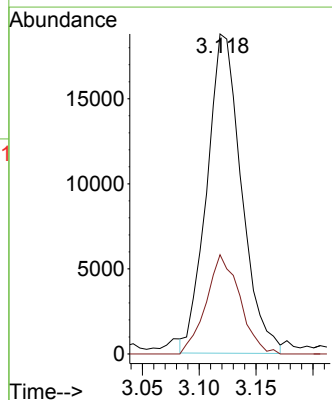
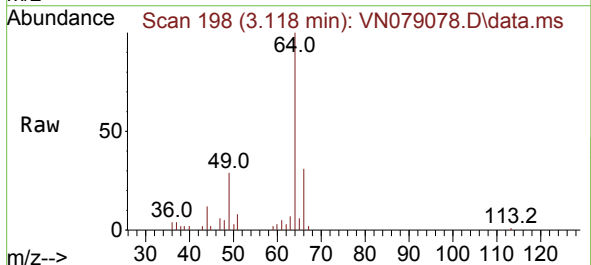
Instrument :
MSVOA_N
ClientSampleId :

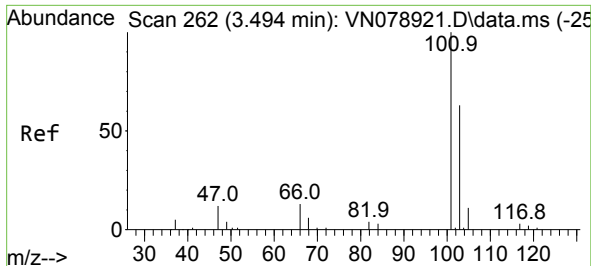
Tgt Ion: 94 Resp: 32310
Ion Ratio Lower Upper
94 100
96 96.5 73.6 110.4



#6
Chloroethane
Concen: 20.522 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 64 Resp: 39775
Ion Ratio Lower Upper
64 100
66 31.9 24.9 37.3

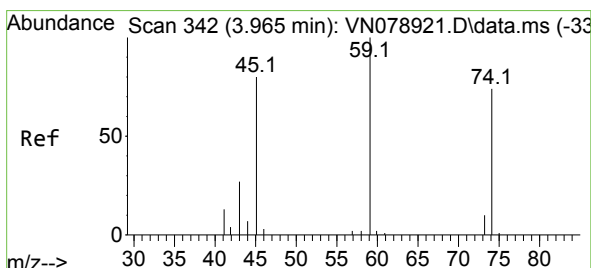
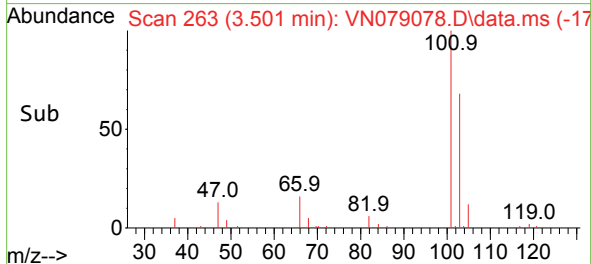
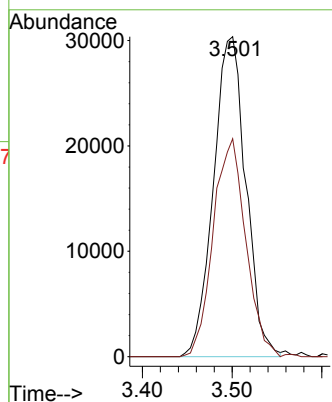
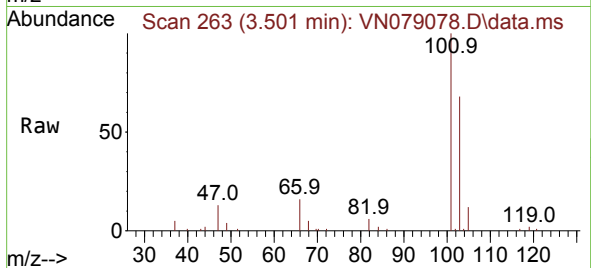




#7
 Trichlorofluoromethane
 Concen: 18.986 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079078.D
 Acq: 28 Aug 2023 19:44

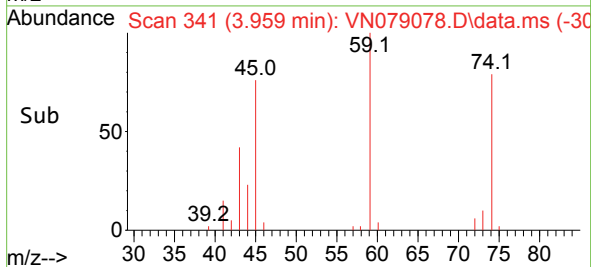
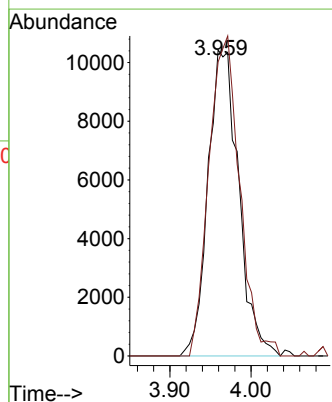
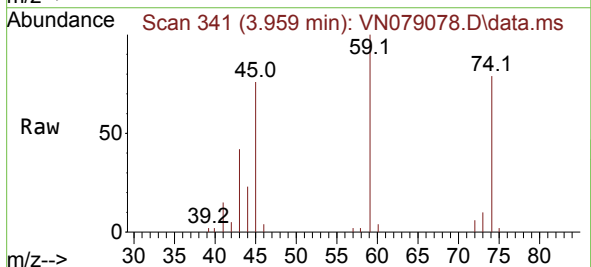
Instrument :
 MSVOA_N
 ClientSampleId :

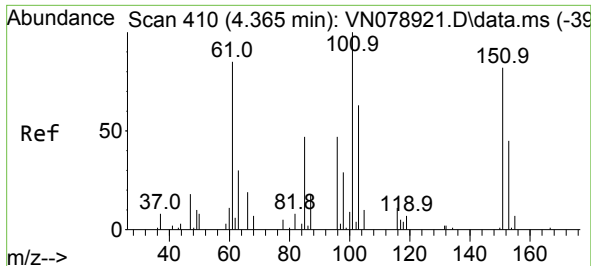
Tgt Ion:101 Resp: 76267
 Ion Ratio Lower Upper
 101 100
 103 68.1 50.9 76.3



#8
 Diethyl Ether
 Concen: 18.137 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079078.D
 Acq: 28 Aug 2023 19:44

Tgt Ion: 74 Resp: 27403
 Ion Ratio Lower Upper
 74 100
 45 103.0 21.3 191.9

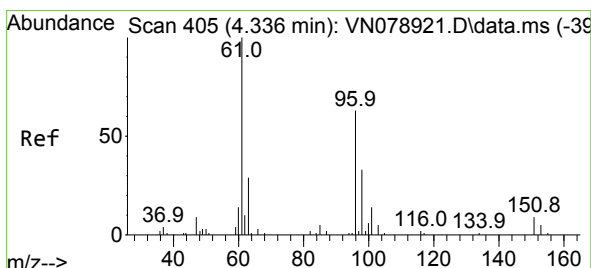
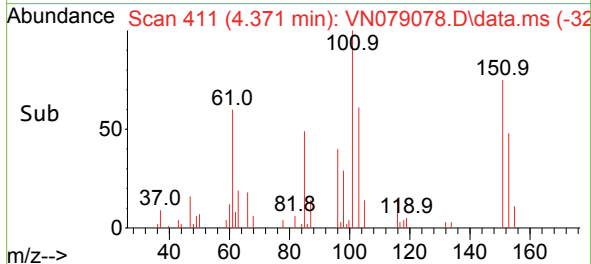
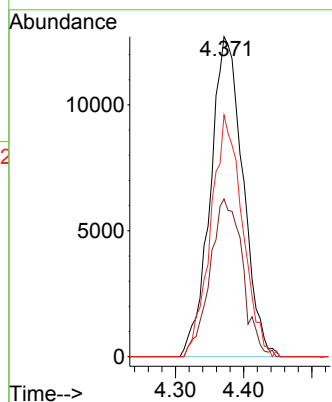
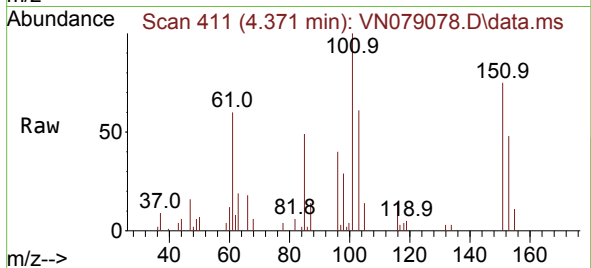




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.140 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

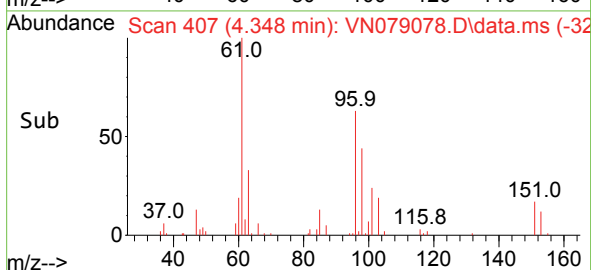
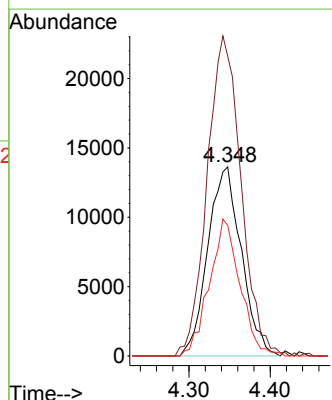
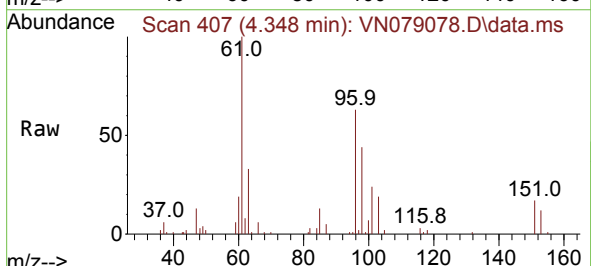
Instrument :
MSVOA_N
ClientSampleId :

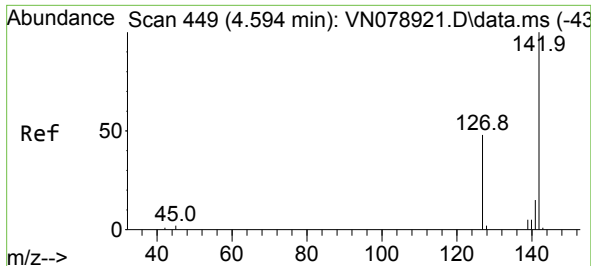
Tgt Ion:101 Resp: 42253
Ion Ratio Lower Upper
101 100
85 46.2 0.0 65.4
151 73.0 0.0 156.8



#10
1,1-Dichloroethene
Concen: 18.542 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

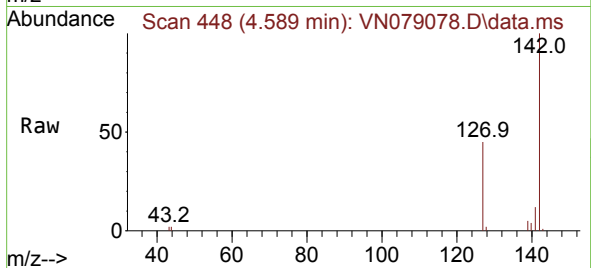
Tgt Ion: 96 Resp: 39136
Ion Ratio Lower Upper
96 100
61 156.7 126.2 189.4
98 69.1 41.7 62.5#



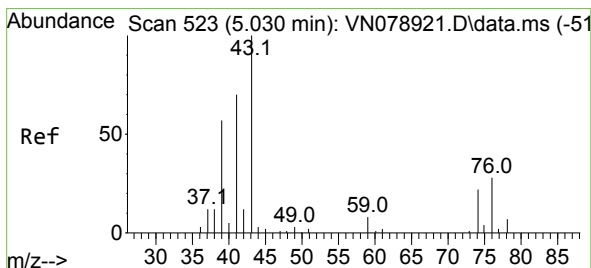
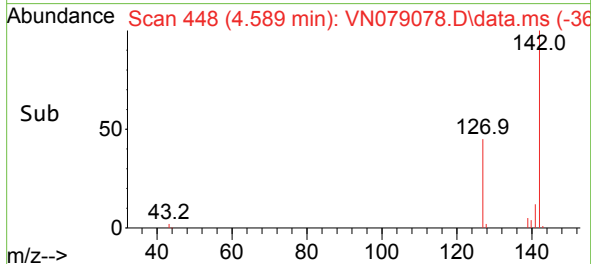
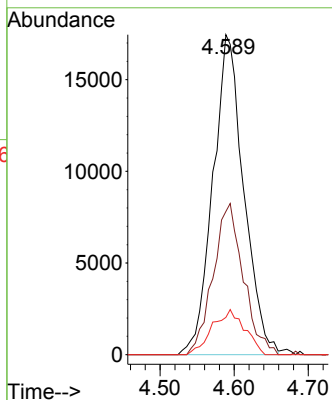


#11
Methyl Iodide
Concen: 19.778 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Instrument :
MSVOA_N
ClientSampleId :

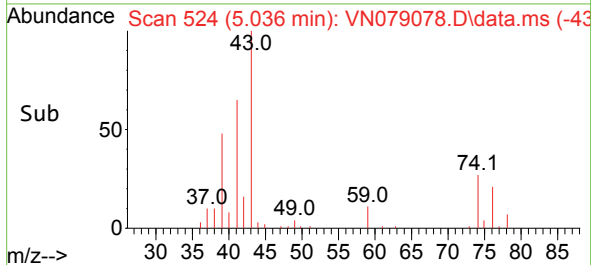
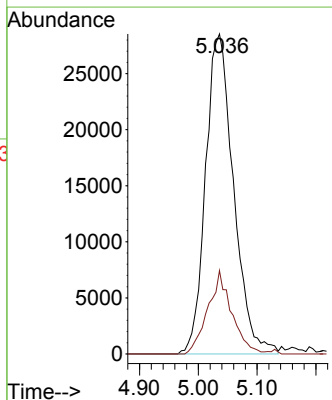
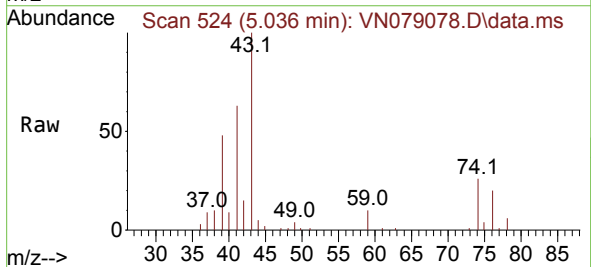


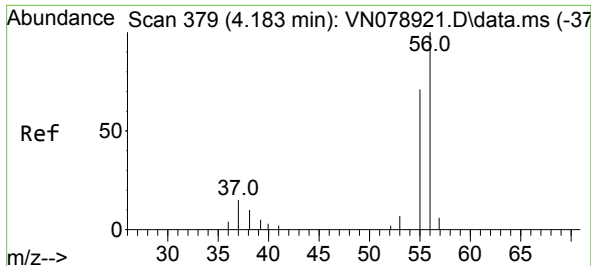
Tgt Ion:142 Resp: 50374
Ion Ratio Lower Upper
142 100
127 45.0 24.3 72.9
141 11.7 7.3 22.0



#12
Methyl Acetate
Concen: 19.104 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 43 Resp: 94513
Ion Ratio Lower Upper
43 100
74 25.8 17.5 26.3





#13

Acrolein

Concen: 0.800 ug/l

RT: 4.289 min Scan# 397

Delta R.T. 0.106 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

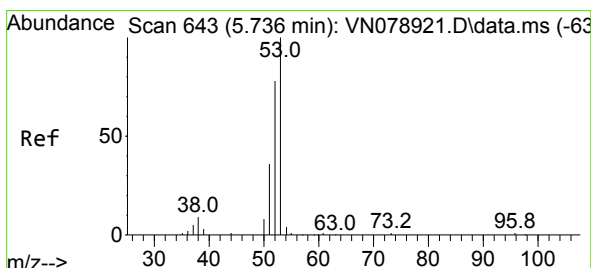
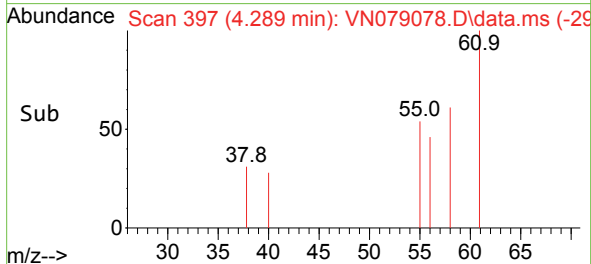
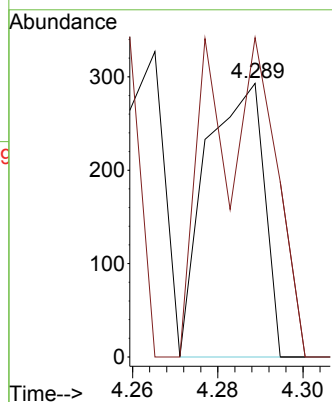
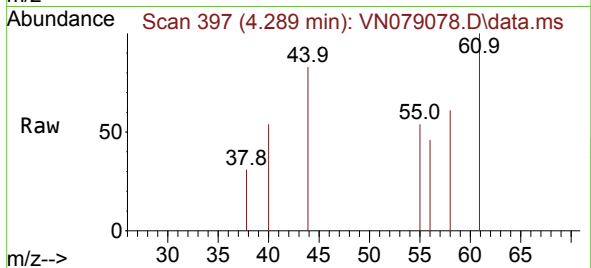
ClientSampleId :

Tgt Ion: 56 Resp: 276

Ion Ratio Lower Upper

56 100

55 67.8 54.5 81.7



#14

Acrylonitrile

Concen: 97.949 ug/l

RT: 5.730 min Scan# 642

Delta R.T. -0.006 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

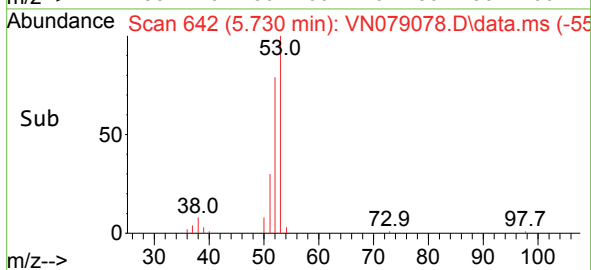
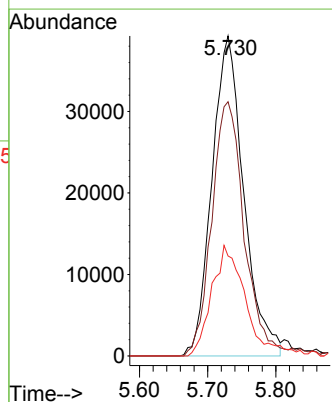
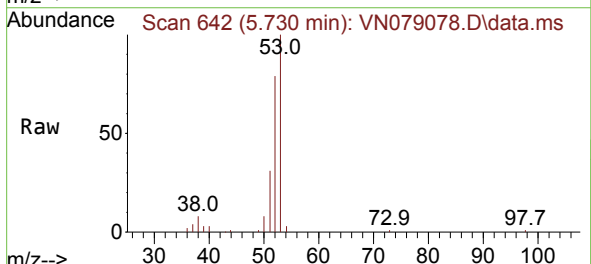
Tgt Ion: 53 Resp: 127384

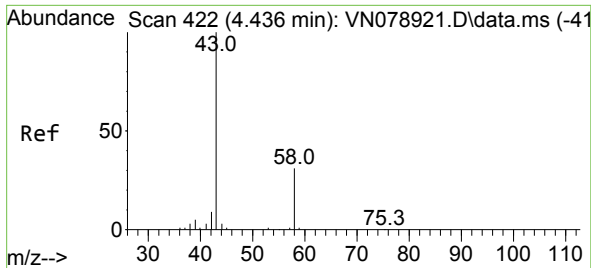
Ion Ratio Lower Upper

53 100

52 80.8 41.9 125.6

51 34.2 10.1 30.1#





#15

Acetone

Concen: 79.280 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

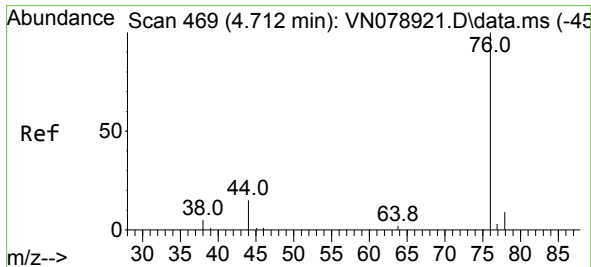
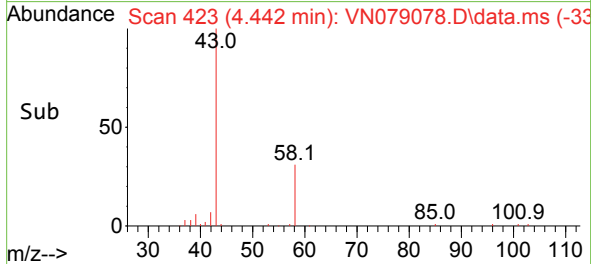
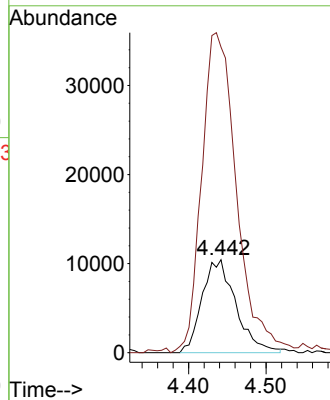
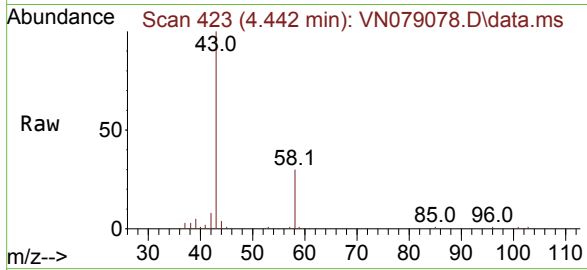
ClientSampleId :

Tgt Ion: 58 Resp: 31628

Ion Ratio Lower Upper

58 100

43 322.2 260.6 390.8



#16

Carbon Disulfide

Concen: 17.643 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN079078.D

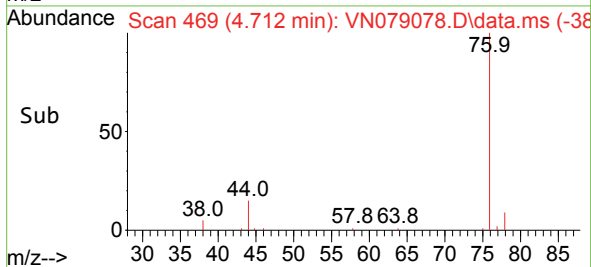
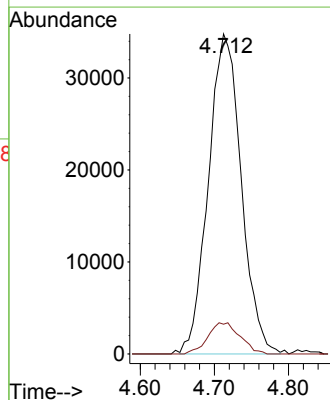
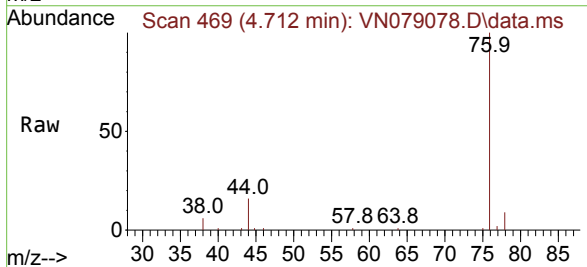
Acq: 28 Aug 2023 19:44

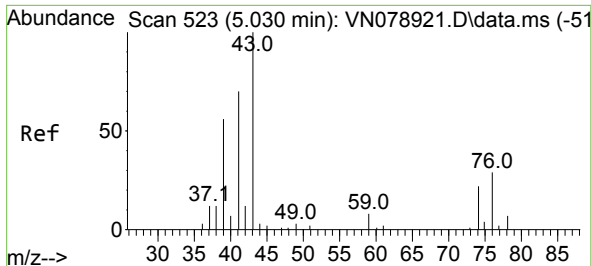
Tgt Ion: 76 Resp: 107000

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6





#17

Allyl chloride

Concen: 15.882 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.006 min

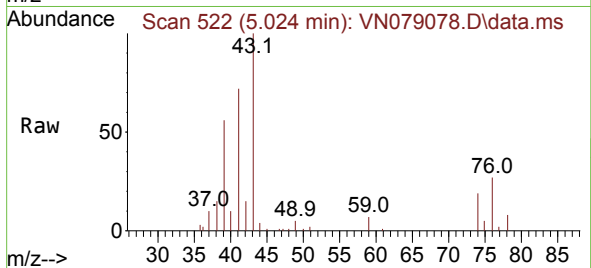
Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

ClientSampleId :



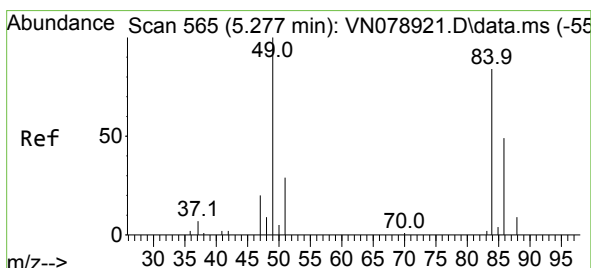
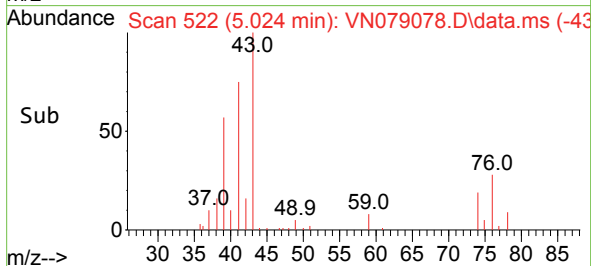
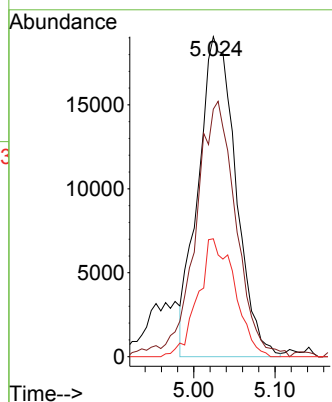
Tgt Ion: 41 Resp: 61441

Ion Ratio Lower Upper

41 100

39 76.4 36.9 110.7

76 37.2 17.3 51.9



#18

Methylene Chloride

Concen: 20.019 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Tgt Ion: 84 Resp: 50512

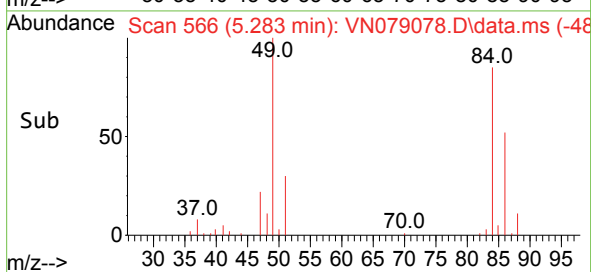
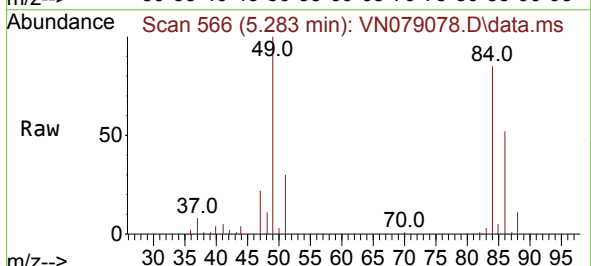
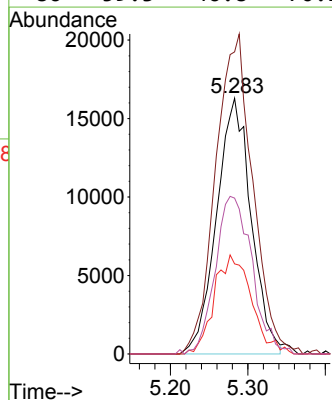
Ion Ratio Lower Upper

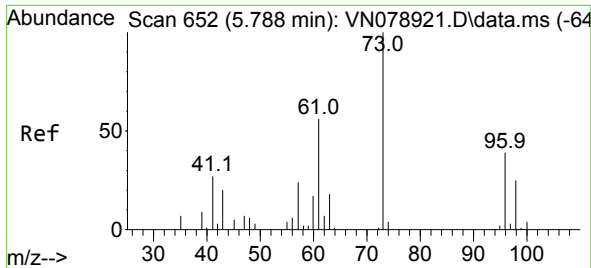
84 100

49 118.2 95.8 143.6

51 35.2 28.6 43.0

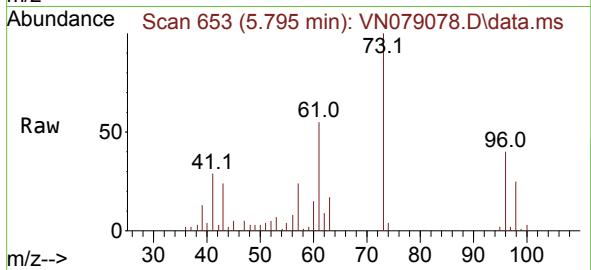
86 59.3 46.8 70.2



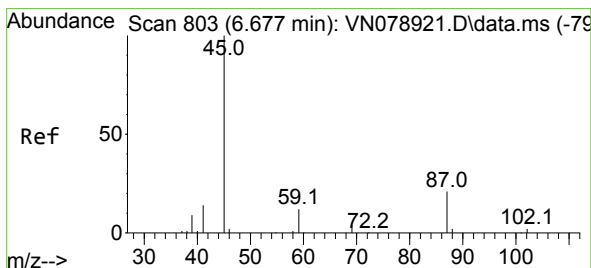
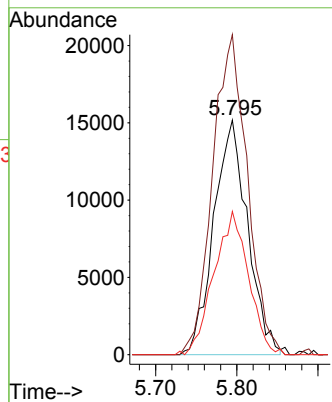
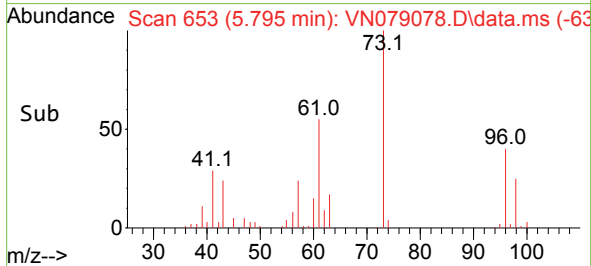


#19
trans-1,2-Dichloroethene
Concen: 18.506 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Instrument :
MSVOA_N
ClientSampleId :

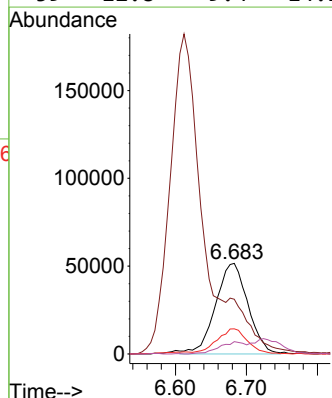
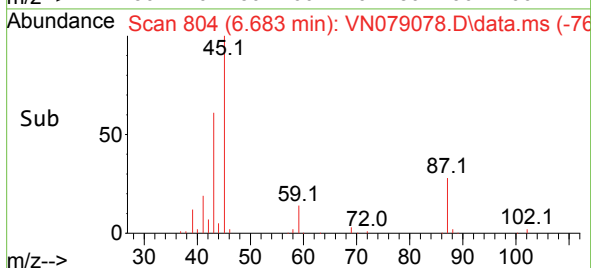
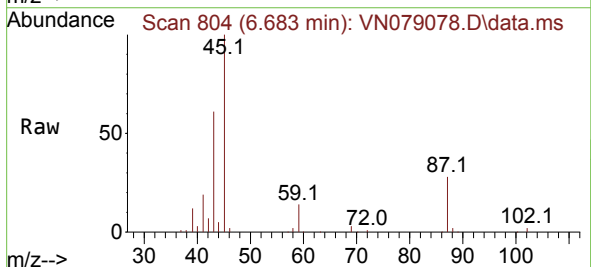


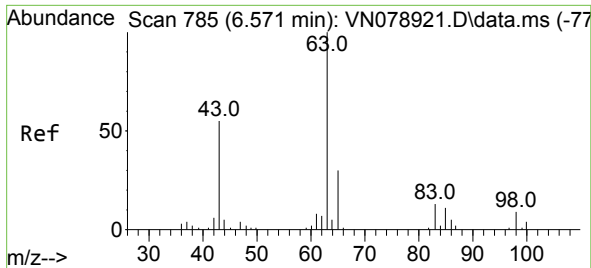
Tgt Ion: 96 Resp: 43963
Ion Ratio Lower Upper
96 100
61 136.4 114.0 171.0
98 59.5 50.6 76.0



#20
Diisopropyl ether
Concen: 19.391 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

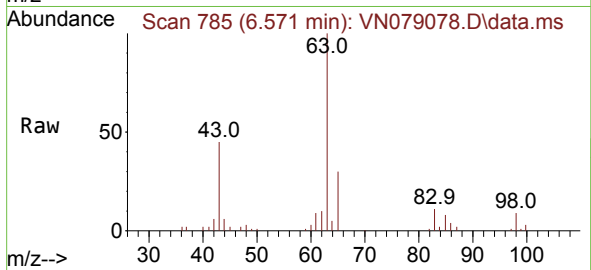
Tgt Ion: 45 Resp: 163183
Ion Ratio Lower Upper
45 100
43 55.9 37.4 56.2
87 27.9 17.3 25.9#
59 12.8 9.4 14.2



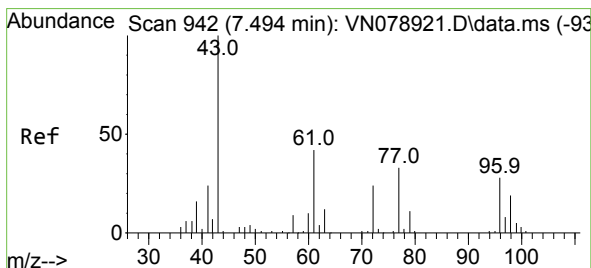
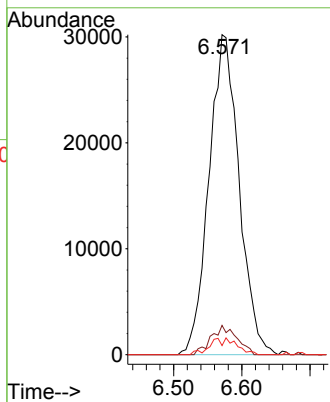
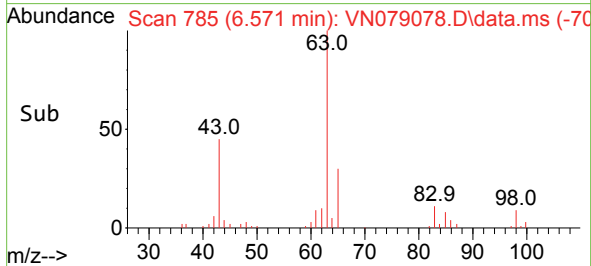


#21
1,1-Dichloroethane
Concen: 19.903 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Instrument :
MSVOA_N
ClientSampleId :

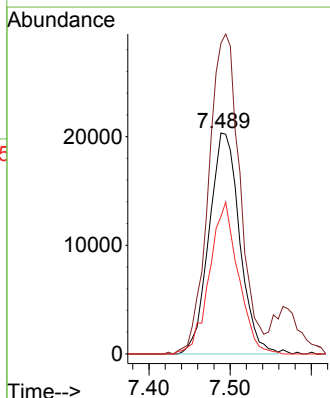
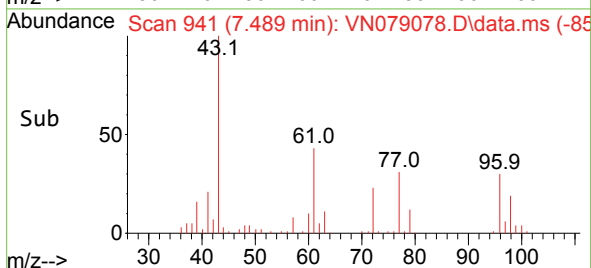
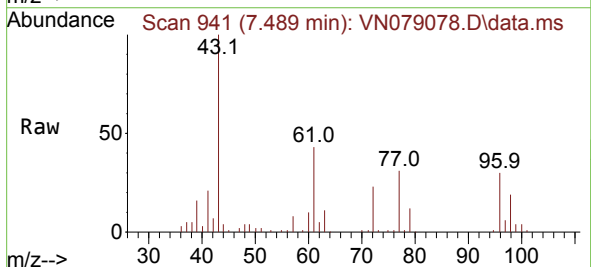


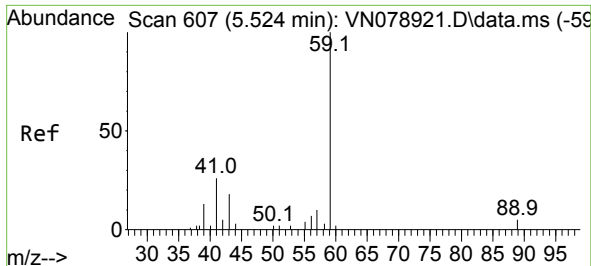
Tgt Ion: 63 Resp: 92939
Ion Ratio Lower Upper
63 100
98 9.1 4.4 13.2
100 2.8 2.1 6.5



#22
cis-1,2-Dichloroethene
Concen: 19.584 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 96 Resp: 53247
Ion Ratio Lower Upper
96 100
61 147.8 121.8 182.6
98 64.9 50.7 76.1

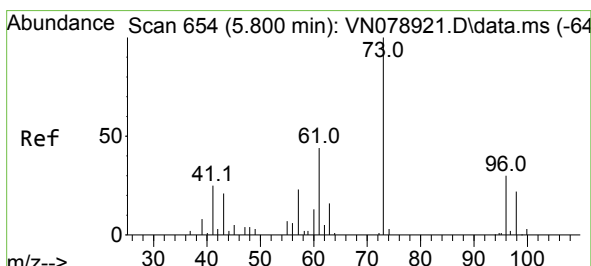
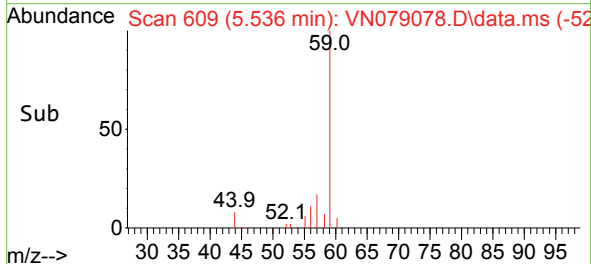
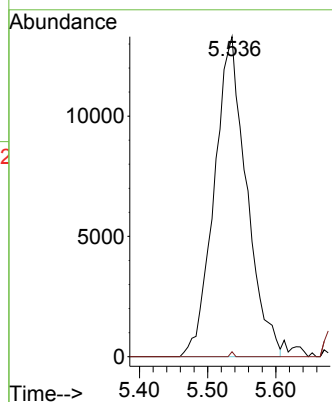
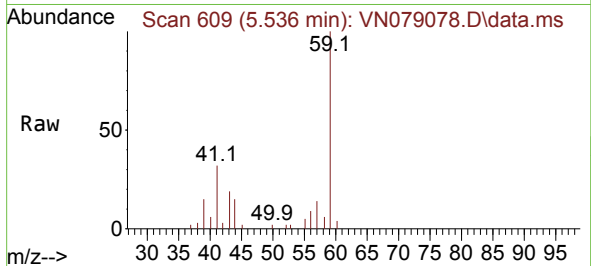




#23
tert-Butyl Alcohol
Concen: 90.441 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

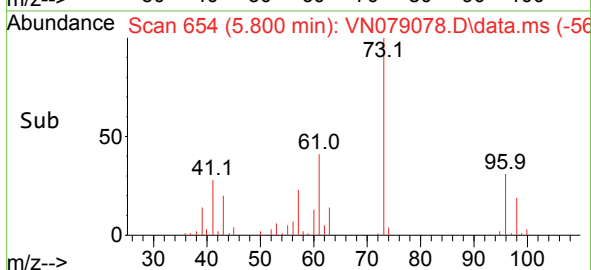
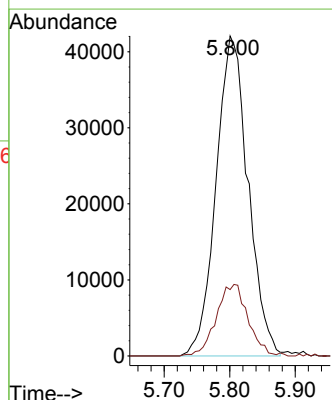
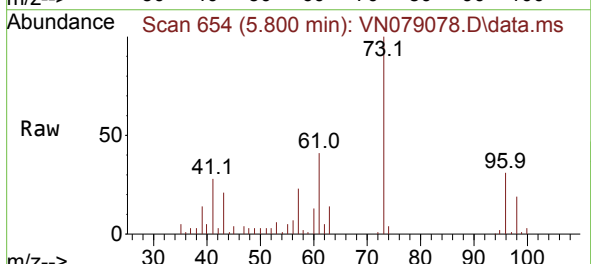
Instrument :
MSVOA_N
ClientSampleId :

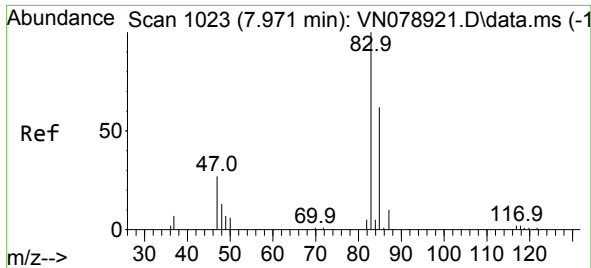
Tgt Ion: 59 Resp: 43874
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.026 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 73 Resp: 142549
Ion Ratio Lower Upper
73 100
43 22.0 17.3 25.9

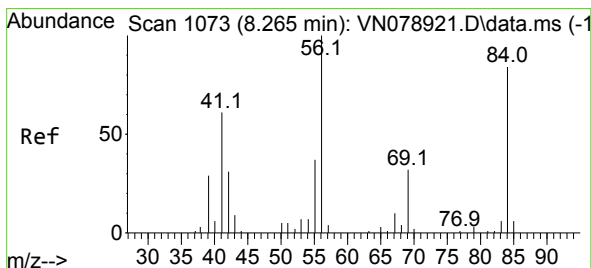
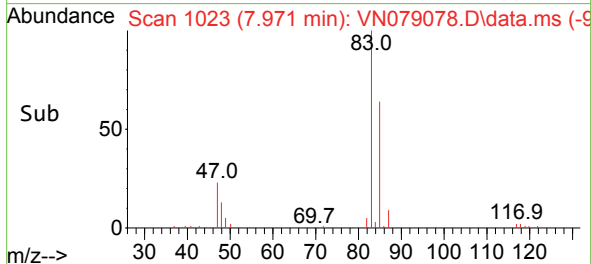
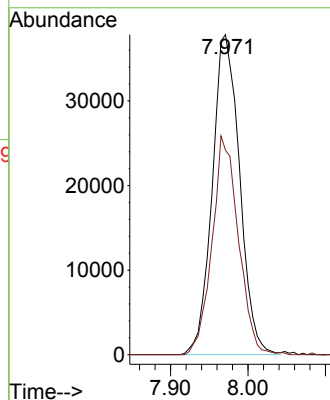
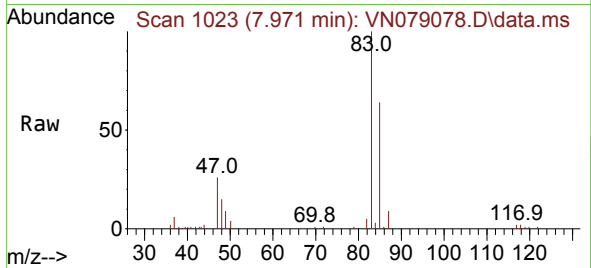




#25
Chloroform
Concen: 19.804 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

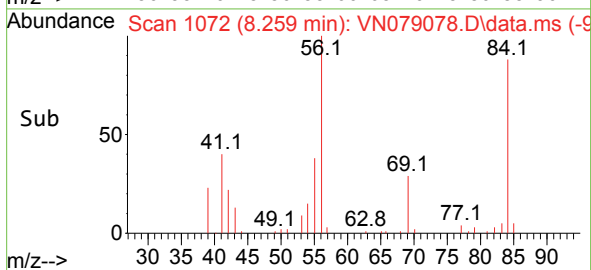
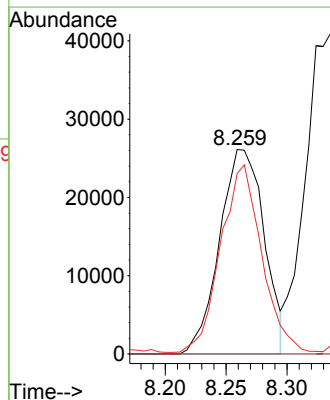
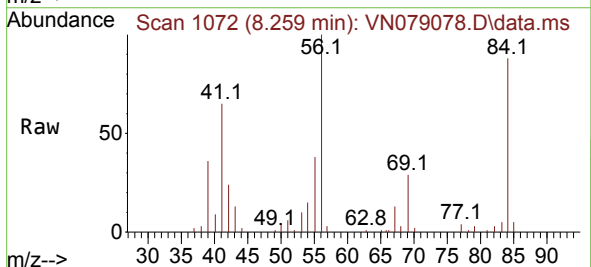
Instrument :
MSVOA_N
ClientSampleId :

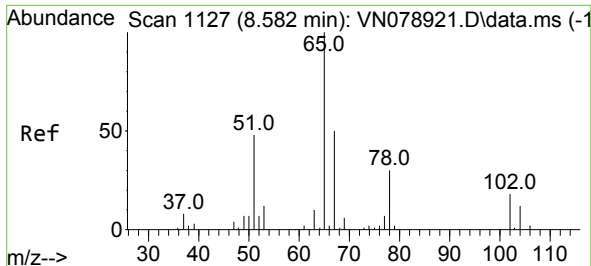
Tgt Ion: 83 Resp: 93163
Ion Ratio Lower Upper
83 100
85 63.9 49.6 74.4



#26
Cyclohexane
Concen: 19.499 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 56 Resp: 66606
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.4 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 29.455 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

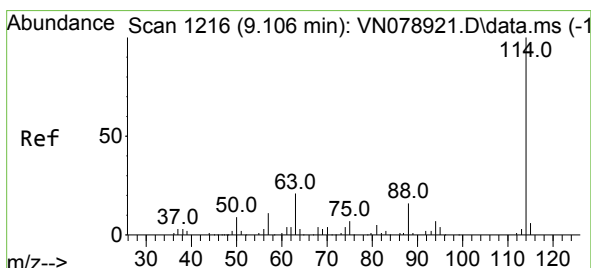
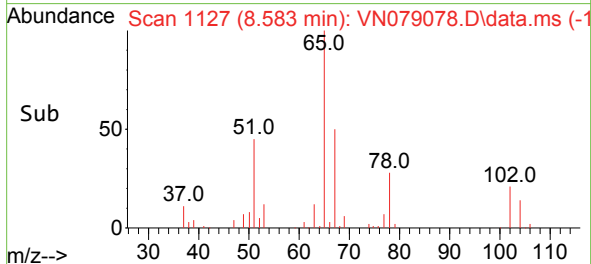
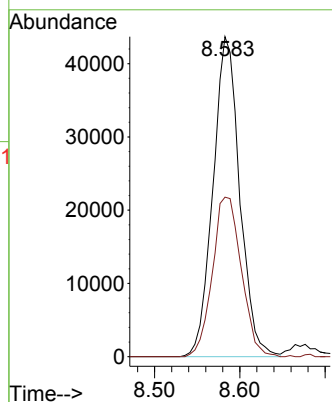
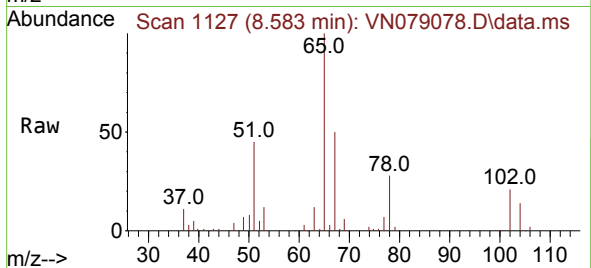
ClientSampleId :

Tgt Ion: 65 Resp: 95090

Ion Ratio Lower Upper

65 100

67 53.9 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

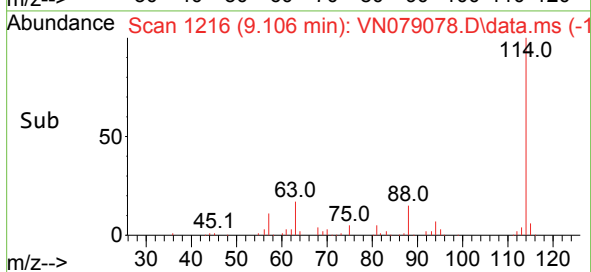
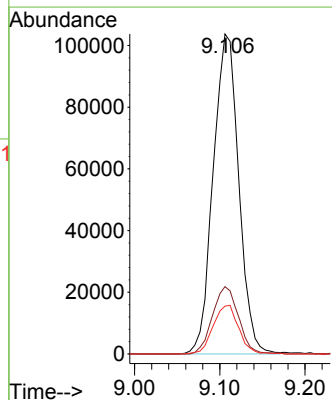
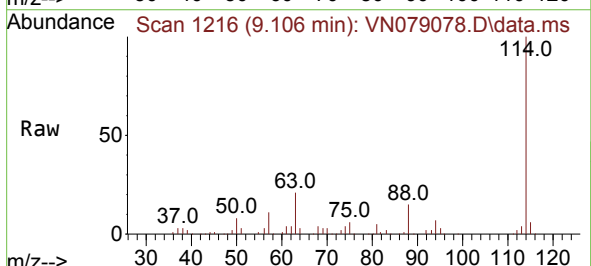
Tgt Ion: 114 Resp: 216417

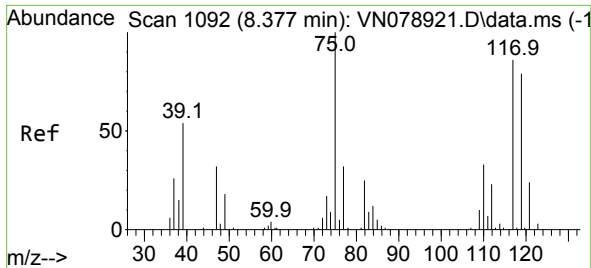
Ion Ratio Lower Upper

114 100

63 21.3 17.4 26.2

88 15.0 12.0 18.0





#29

1,1-Dichloropropene

Concen: 19.885 ug/l

RT: 8.377 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

ClientSampleId :

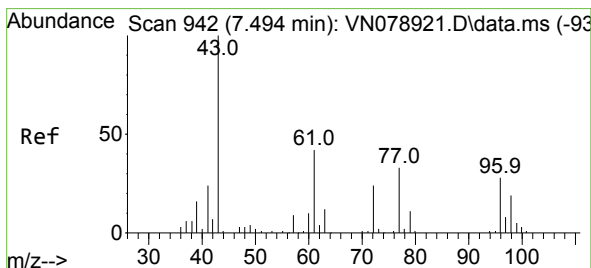
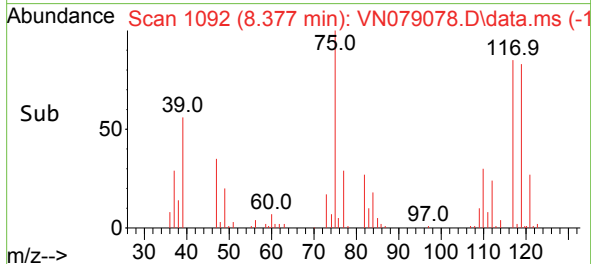
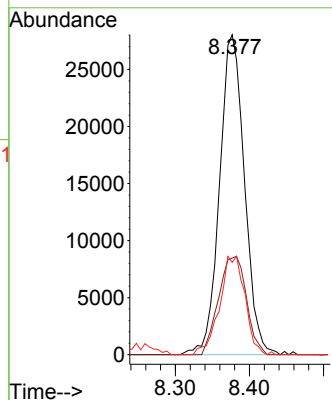
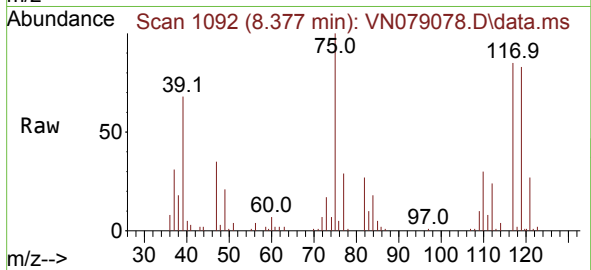
Tgt Ion: 75 Resp: 65464

Ion Ratio Lower Upper

75 100

110 34.3 0.0 65.8

77 31.3 0.0 60.4



#30

2-Butanone

Concen: 91.873 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

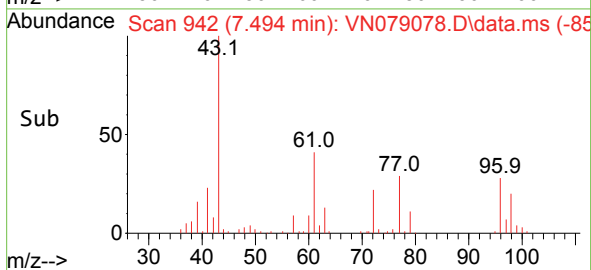
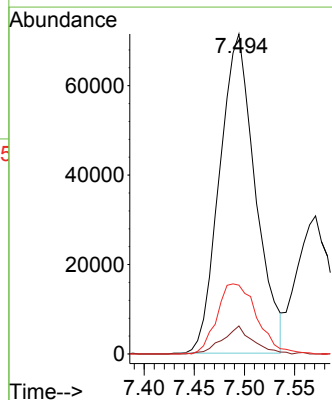
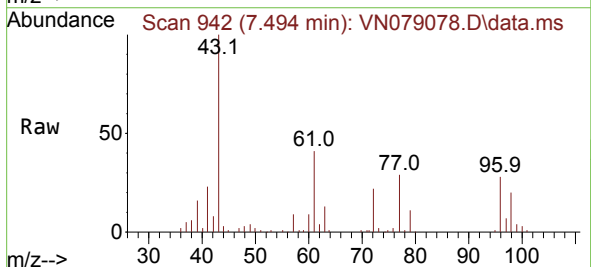
Tgt Ion: 43 Resp: 177064

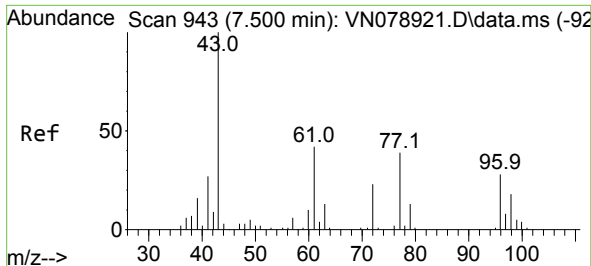
Ion Ratio Lower Upper

43 100

57 7.5 6.2 9.4

72 24.5 19.4 29.2





#31

2,2-Dichloropropane

Concen: 16.713 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

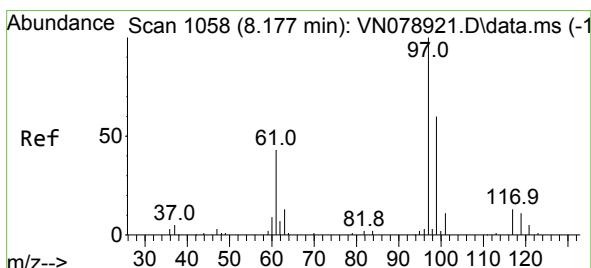
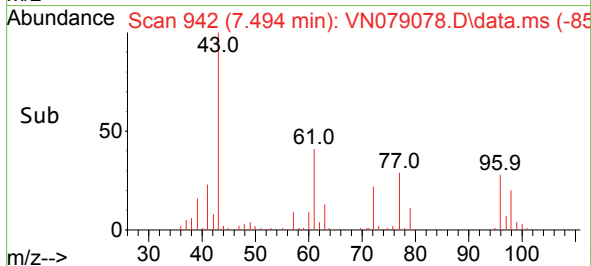
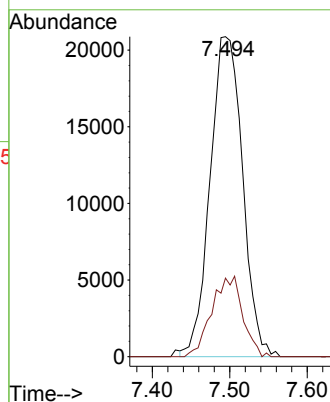
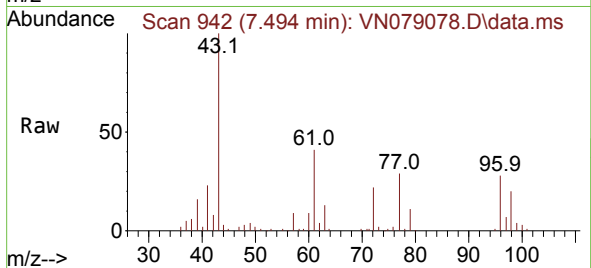
ClientSampleId :

Tgt Ion: 77 Resp: 60810

Ion Ratio Lower Upper

77 100

97 23.8 17.6 26.4



#32

1,1,1-Trichloroethane

Concen: 20.290 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

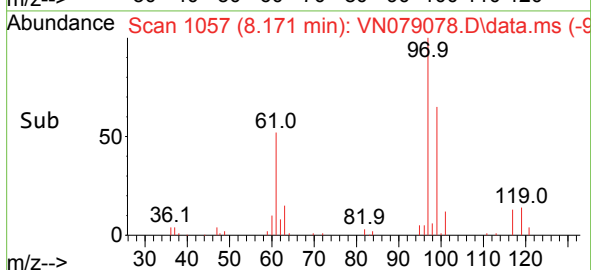
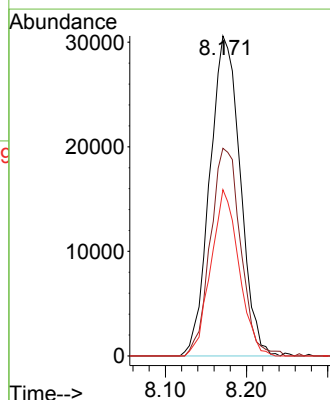
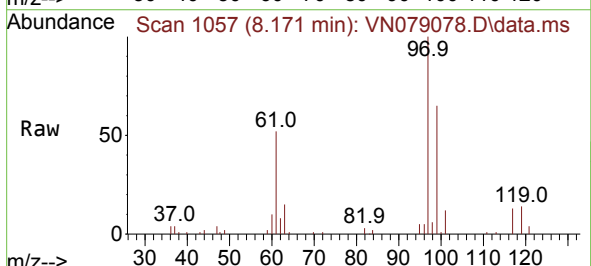
Tgt Ion: 97 Resp: 79752

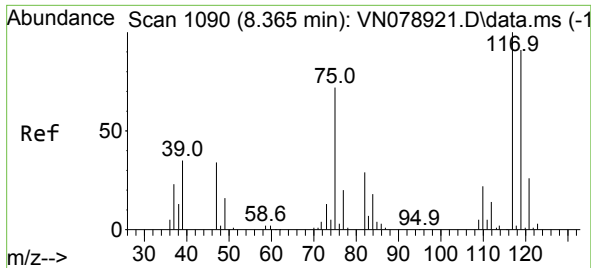
Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

61 48.0 37.0 55.6

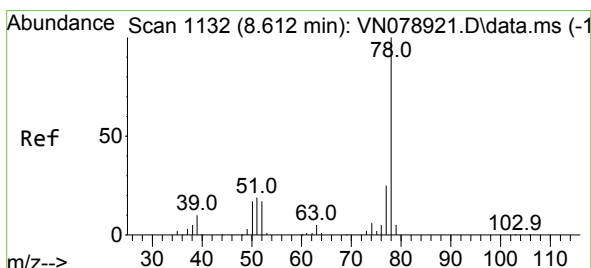
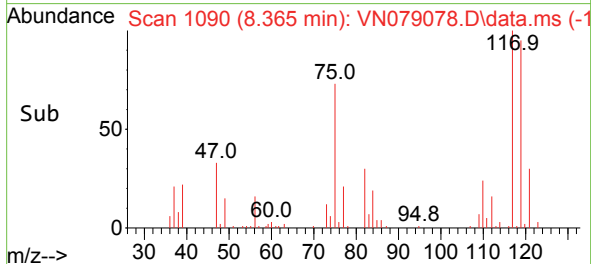
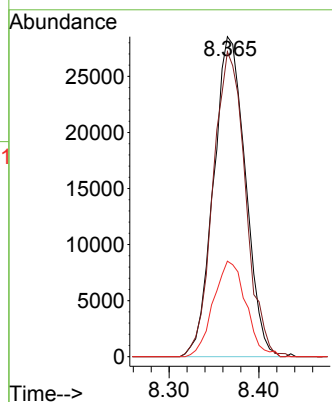
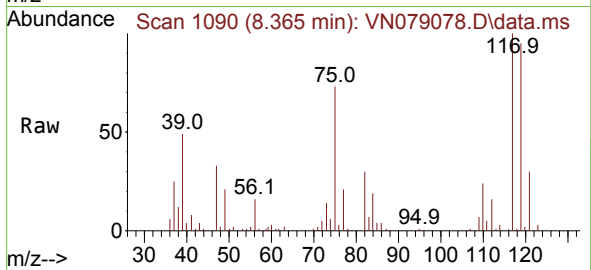




#33
Carbon Tetrachloride
Concen: 20.630 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

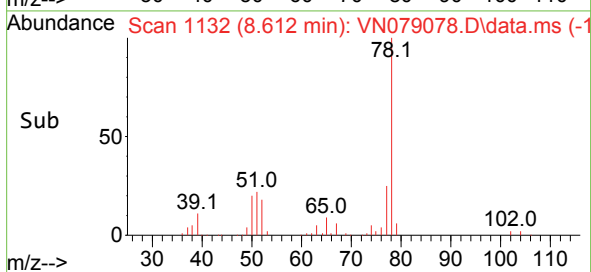
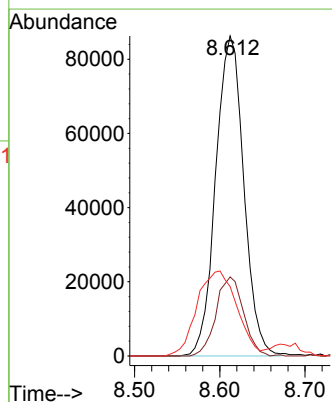
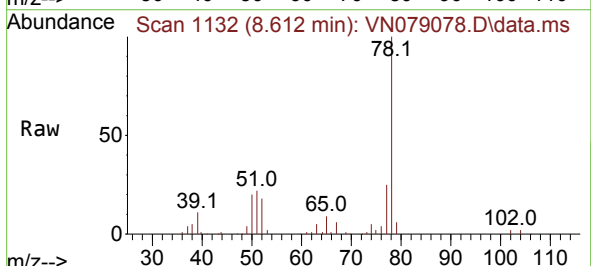
Instrument :
MSVOA_N
ClientSampleId :

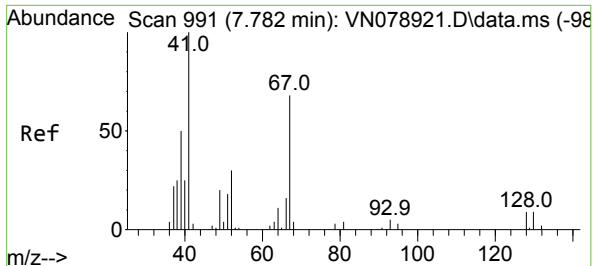
Tgt Ion:117 Resp: 70237
Ion Ratio Lower Upper
117 100
119 95.3 72.6 108.8
121 29.8 20.7 31.1



#34
Benzene
Concen: 20.007 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 78 Resp: 197383
Ion Ratio Lower Upper
78 100
77 24.7 19.9 29.9
51 19.5 14.8 22.2

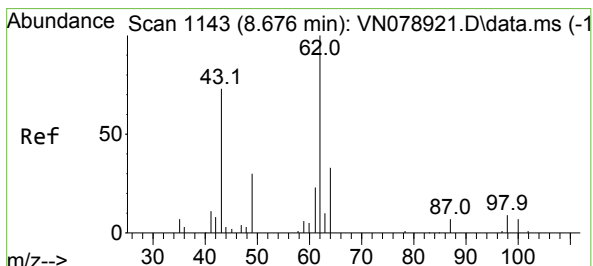
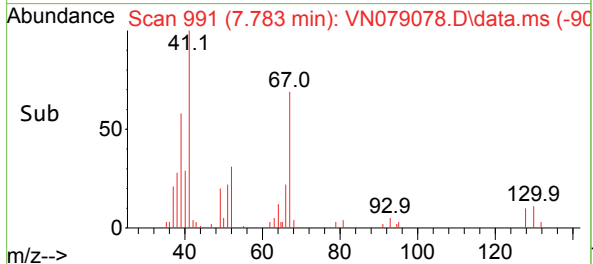
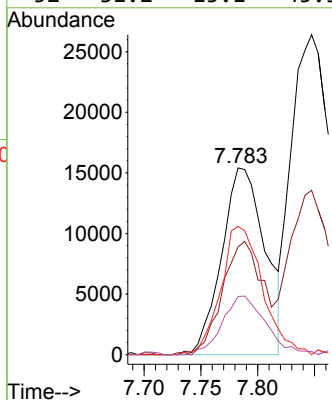
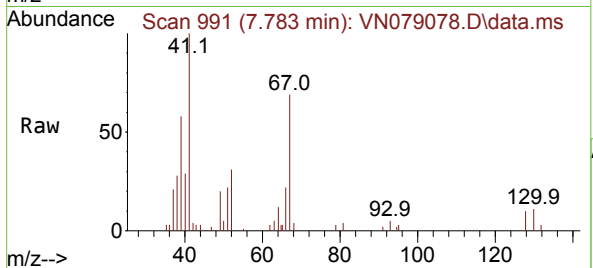




#35
Methacrylonitrile
Concen: 19.959 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

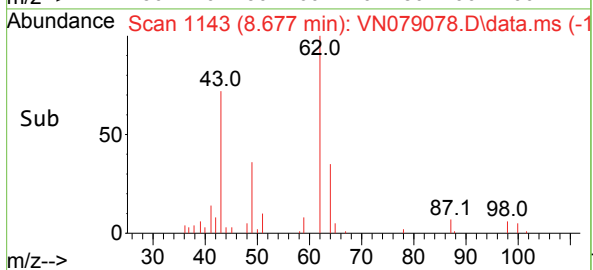
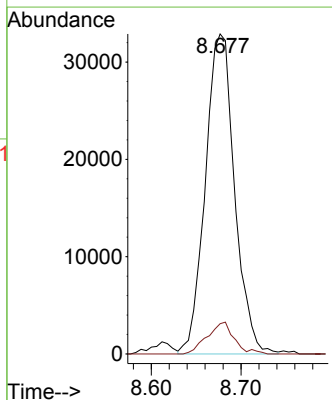
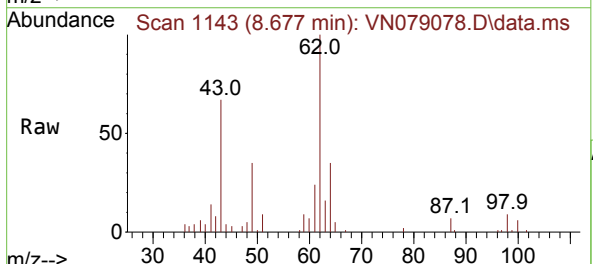
Instrument :
MSVOA_N
ClientSampleId :

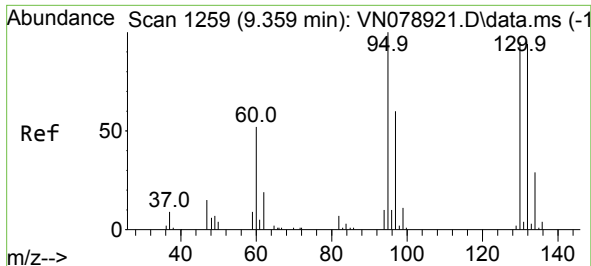
Tgt Ion:	41	Resp:	40998
Ion	Ratio	Lower	Upper
41	100		
39	56.7	25.0	75.0
67	68.8	34.0	102.0
52	31.2	15.1	45.3



#36
1,2-Dichloroethane
Concen: 20.200 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion:	62	Resp:	74630
Ion	Ratio	Lower	Upper
62	100		
98	8.7	8.1	12.1





#37

Trichloroethene

Concen: 19.162 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

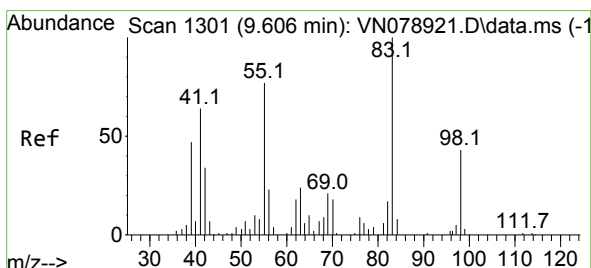
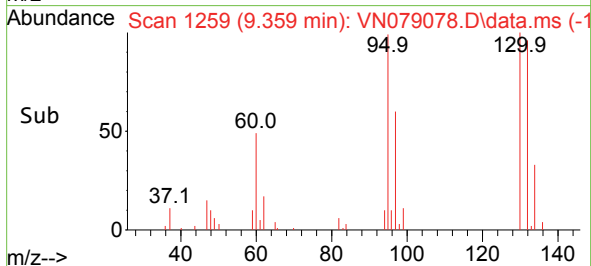
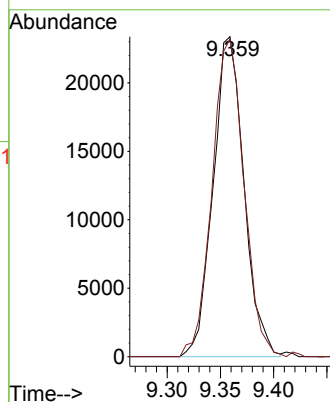
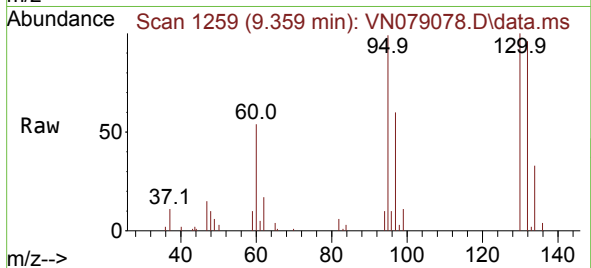
ClientSampleId :

Tgt Ion:130 Resp: 47058

Ion Ratio Lower Upper

130 100

95 99.2 84.6 127.0



#38

Methylcyclohexane

Concen: 20.930 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

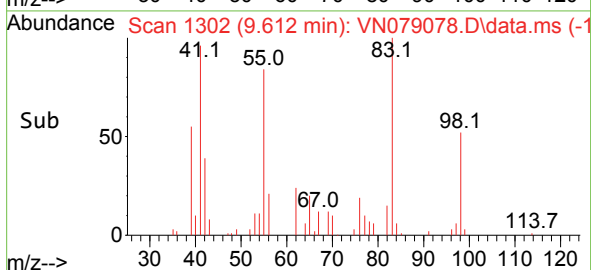
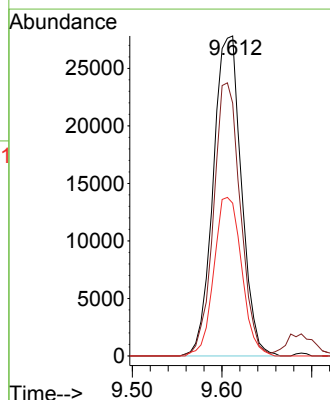
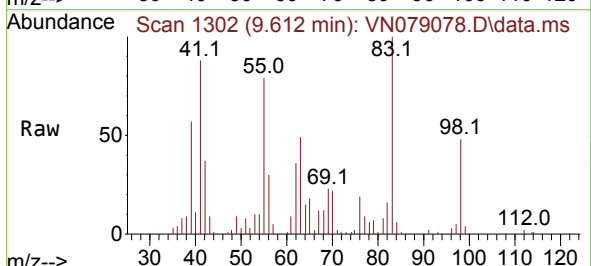
Tgt Ion: 83 Resp: 60665

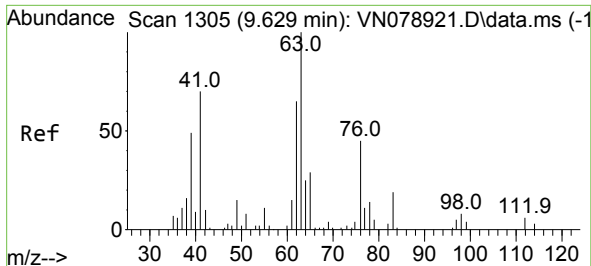
Ion Ratio Lower Upper

83 100

55 81.3 40.2 120.6

98 48.8 24.1 72.3





#39

1,2-Dichloropropane

Concen: 20.152 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

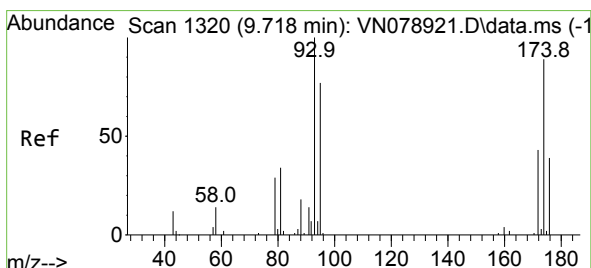
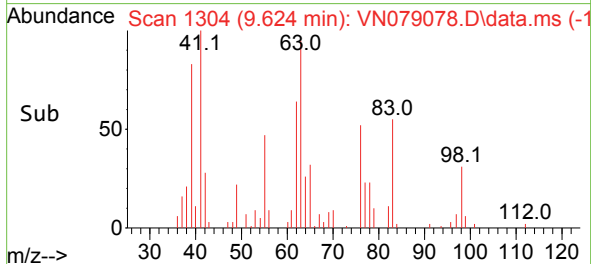
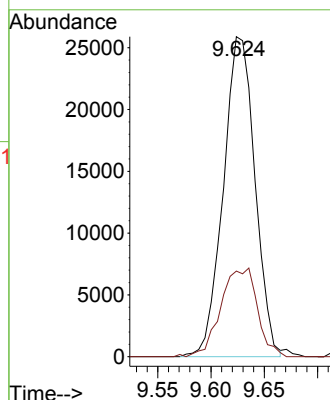
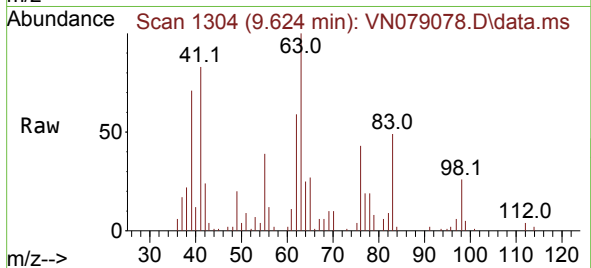
ClientSampleId :

Tgt Ion: 63 Resp: 53552

Ion Ratio Lower Upper

63 100

65 26.1 23.5 35.3



#40

Dibromomethane

Concen: 20.593 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

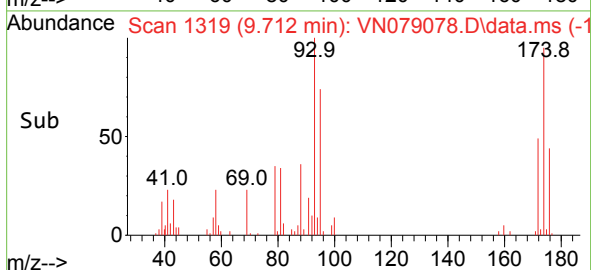
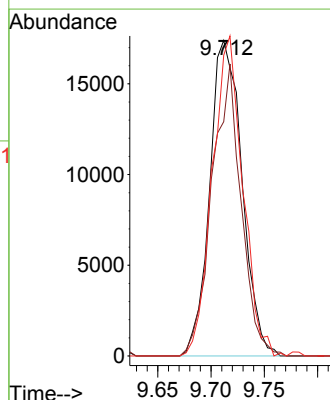
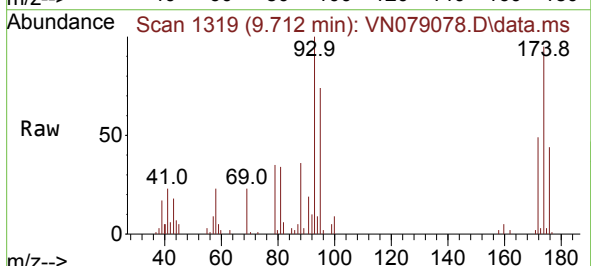
Tgt Ion: 93 Resp: 36683

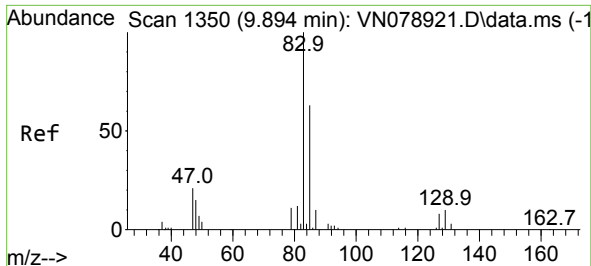
Ion Ratio Lower Upper

93 100

95 83.2 0.0 162.0

174 95.3 0.0 188.6

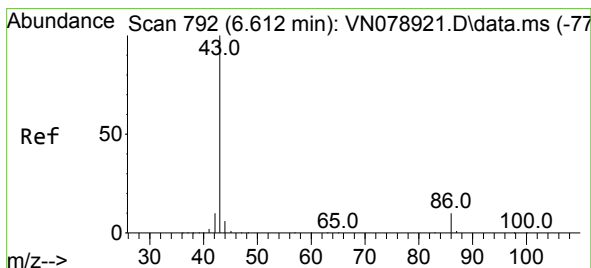
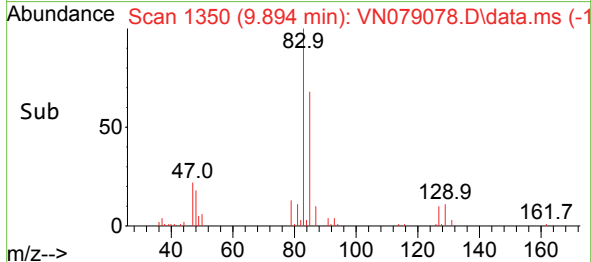
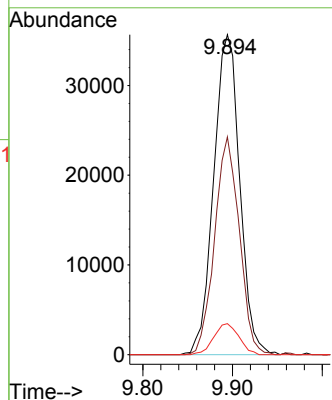
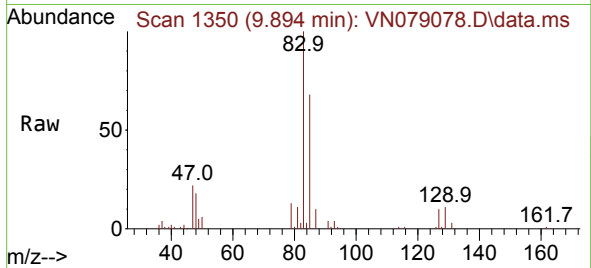




#41
Bromodichloromethane
Concen: 20.072 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

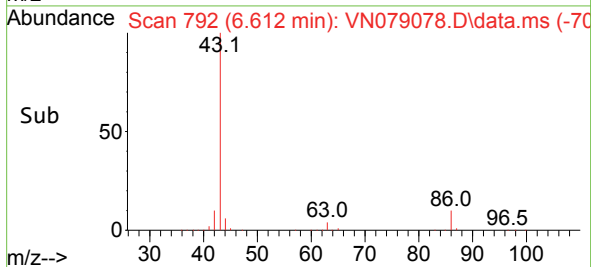
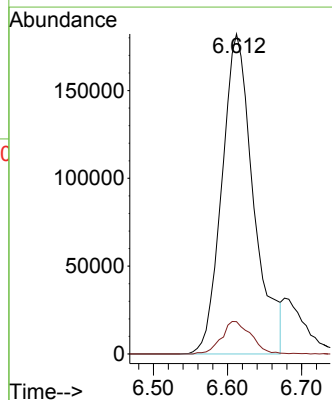
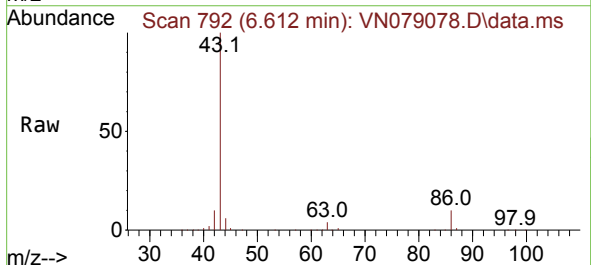
Instrument :
MSVOA_N
ClientSampleId :

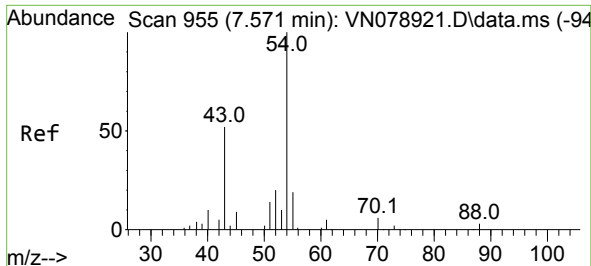
Tgt Ion: 83 Resp: 71904
Ion Ratio Lower Upper
83 100
85 68.0 50.2 75.2
127 10.5 6.2 9.4#



#42
Vinyl Acetate
Concen: 99.399 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 43 Resp: 540116
Ion Ratio Lower Upper
43 100
86 9.5 7.4 11.0

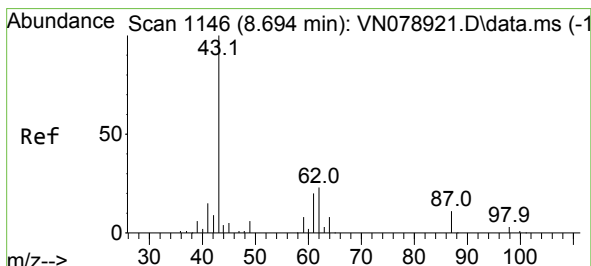
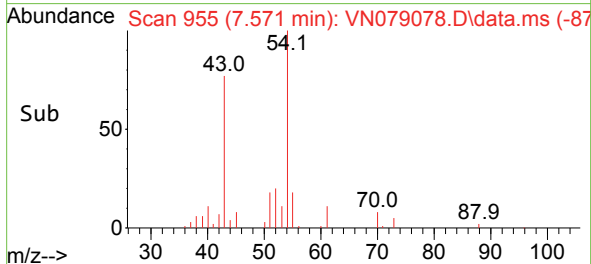
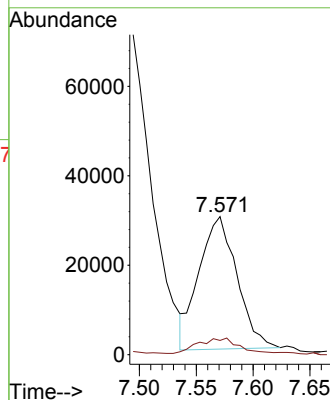
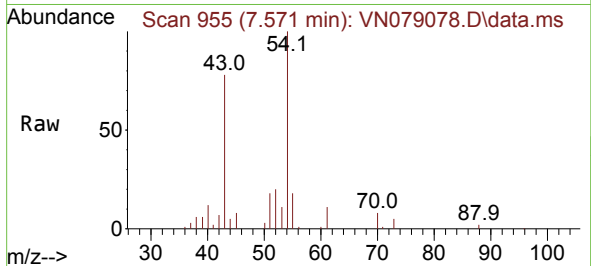




#43
Ethyl Acetate
Concen: 18.433 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

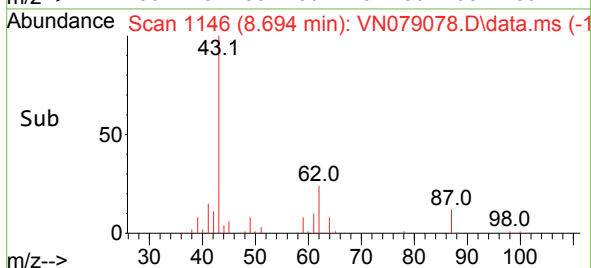
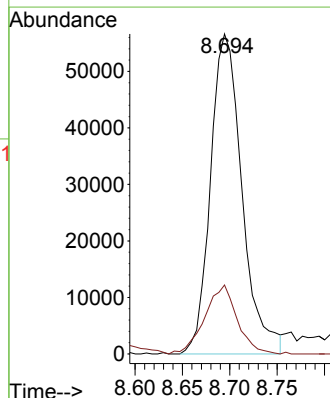
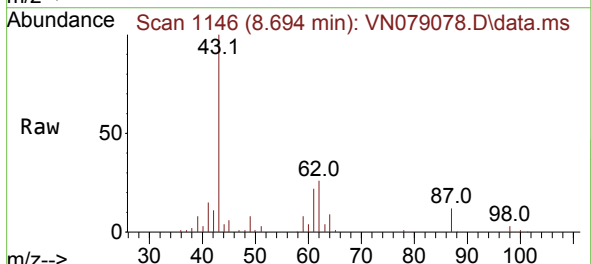
Instrument :
MSVOA_N
ClientSampleId :

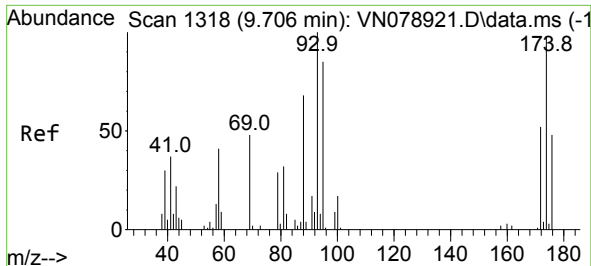
Tgt Ion: 43 Resp: 68920
Ion Ratio Lower Upper
43 100
45 7.3 9.6 14.4#



#44
Isopropyl Acetate
Concen: 19.891 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 43 Resp: 131043
Ion Ratio Lower Upper
43 100
61 22.1 19.0 28.4

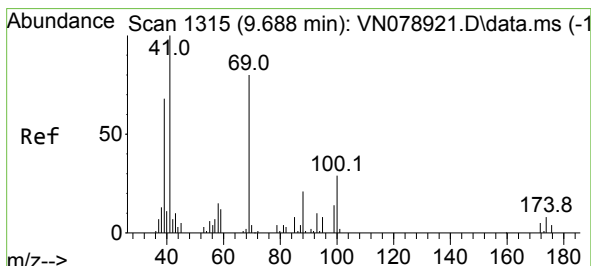
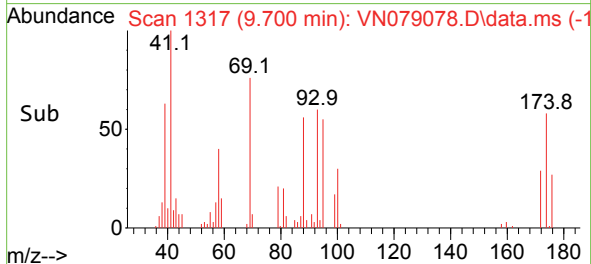
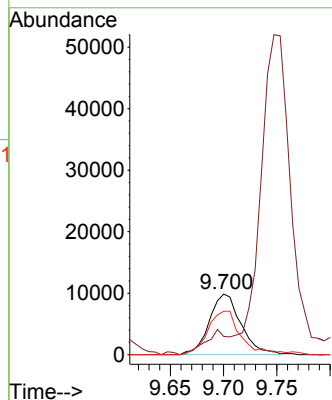
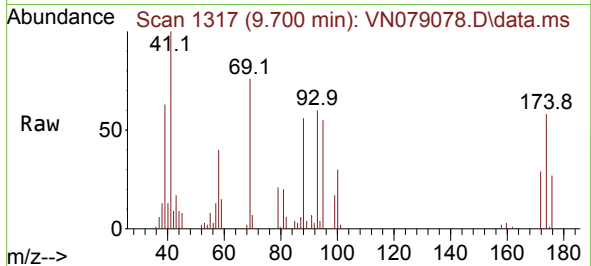




#45
1,4-Dioxane
Concen: 411.502 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

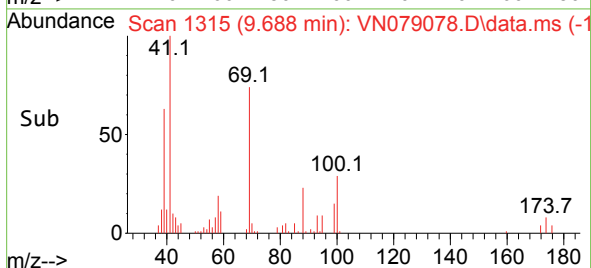
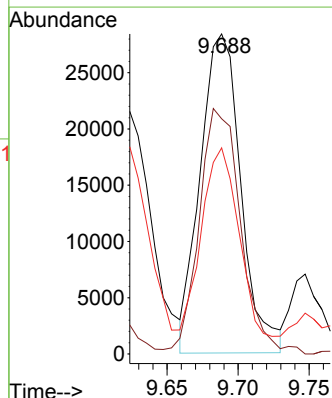
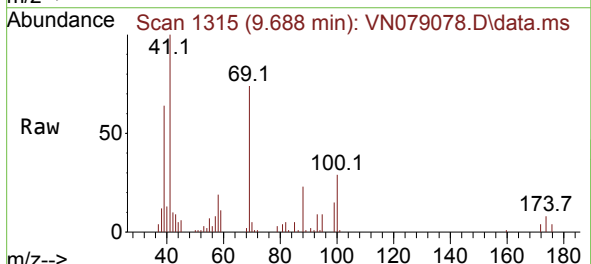
Instrument :
MSVOA_N
ClientSampleId :

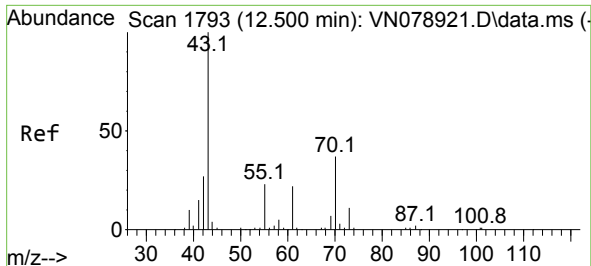
Tgt Ion: 88 Resp: 20401
Ion Ratio Lower Upper
88 100
43 29.5 28.1 42.1
58 69.5 57.0 85.4



#46
Methyl methacrylate
Concen: 19.466 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 41 Resp: 56503
Ion Ratio Lower Upper
41 100
69 77.7 38.5 115.5
39 63.7 35.9 107.8





#47

n-amyl acetate

Concen: 18.464 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

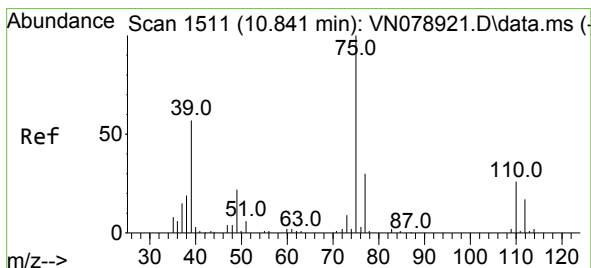
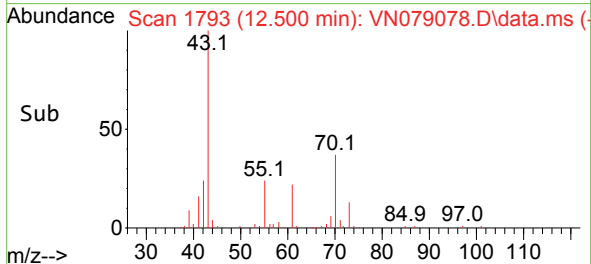
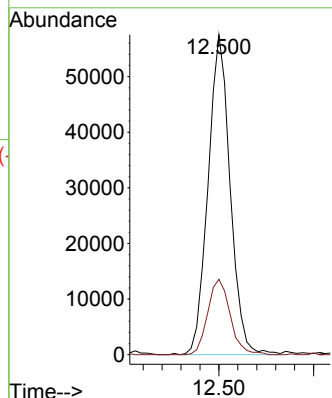
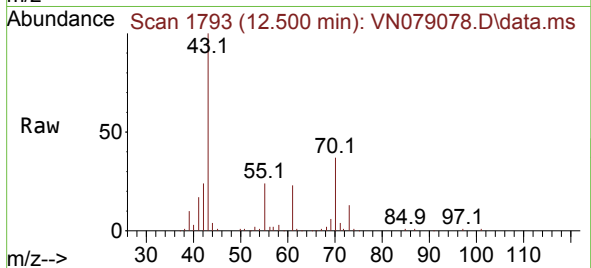
ClientSampleId :

Tgt Ion: 43 Resp: 93347

Ion Ratio Lower Upper

43 100

55 23.9 17.5 26.3



#48

t-1,3-Dichloropropene

Concen: 19.448 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN079078.D

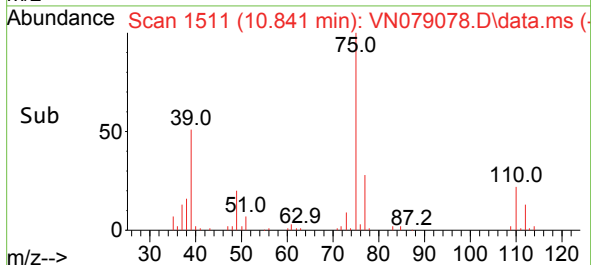
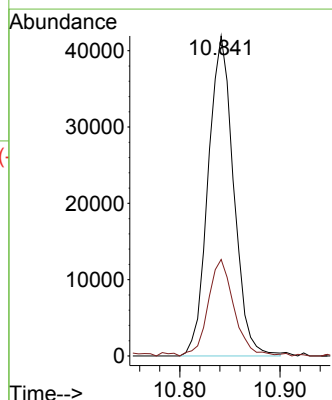
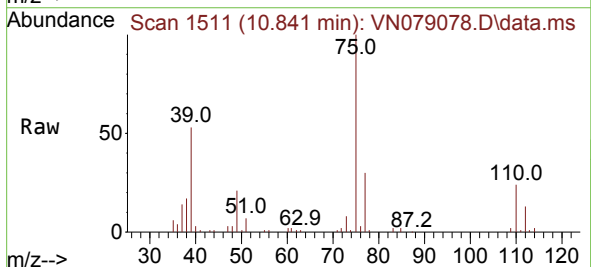
Acq: 28 Aug 2023 19:44

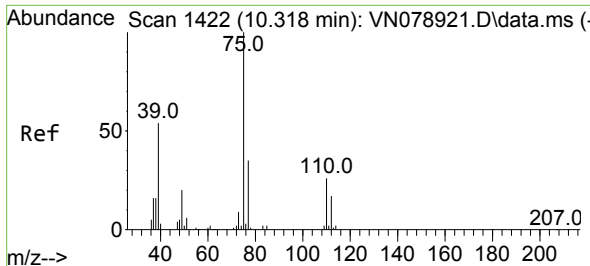
Tgt Ion: 75 Resp: 74200

Ion Ratio Lower Upper

75 100

77 30.2 23.7 35.5





#49

cis-1,3-Dichloropropene

Concen: 19.243 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

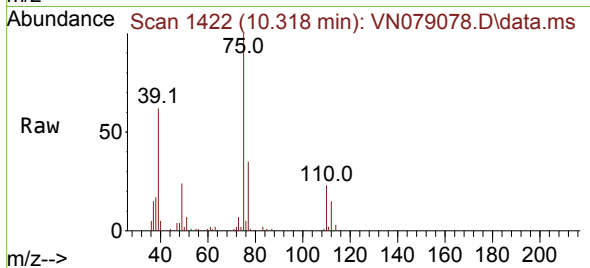
Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

ClientSampleId :



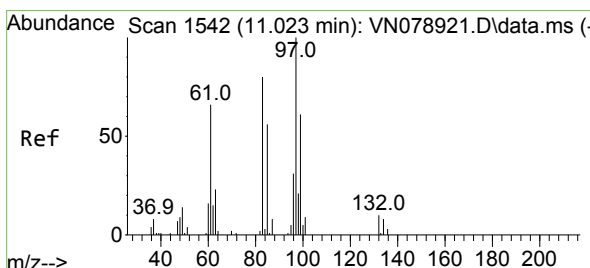
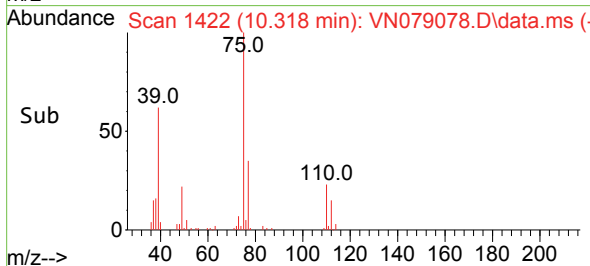
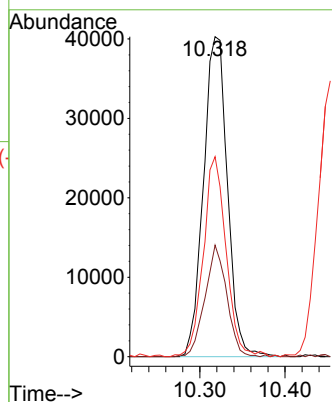
Tgt Ion: 75 Resp: 78727

Ion Ratio Lower Upper

75 100

77 34.8 27.8 41.8

39 62.5 43.5 65.3



#50

1,1,2-Trichloroethane

Concen: 21.340 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Tgt Ion: 97 Resp: 51370

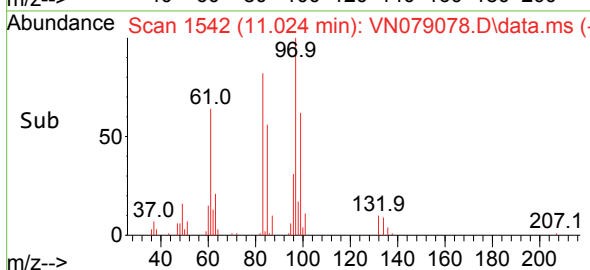
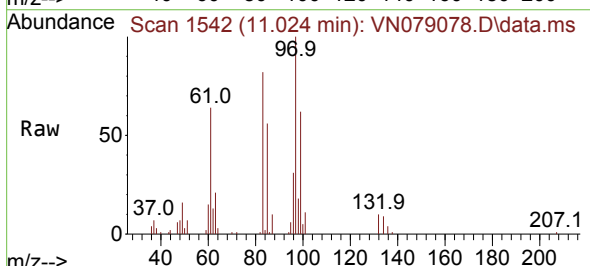
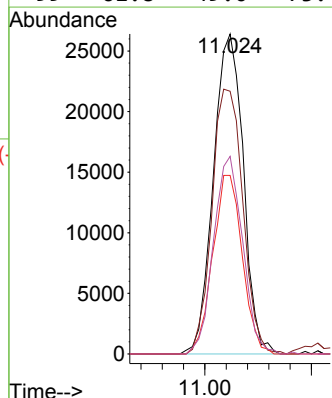
Ion Ratio Lower Upper

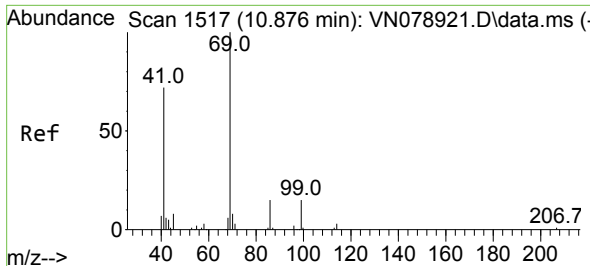
97 100

83 82.1 63.7 95.5

85 55.8 44.9 67.3

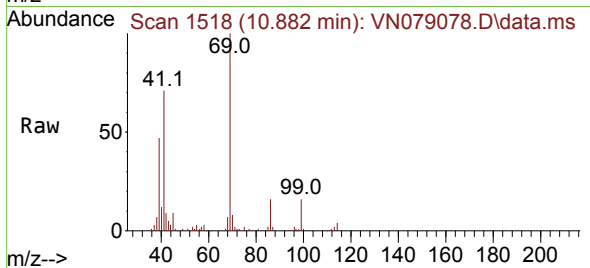
99 61.8 49.0 73.4



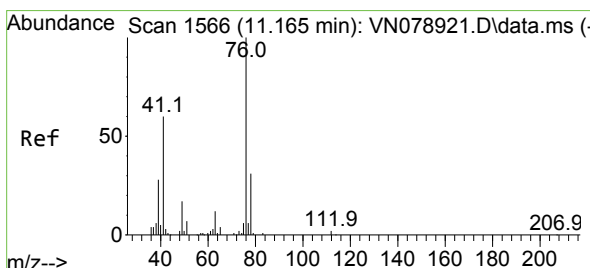
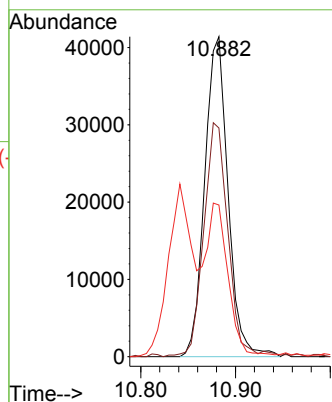
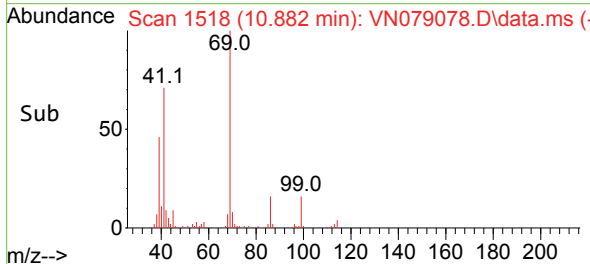


#51
Ethyl methacrylate
Concen: 18.983 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Instrument :
MSVOA_N
ClientSampleId :

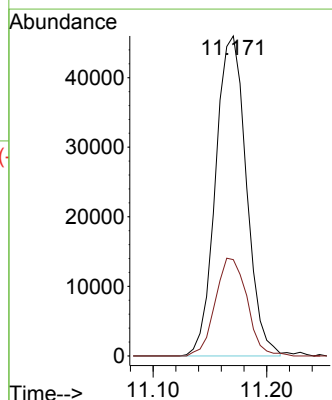
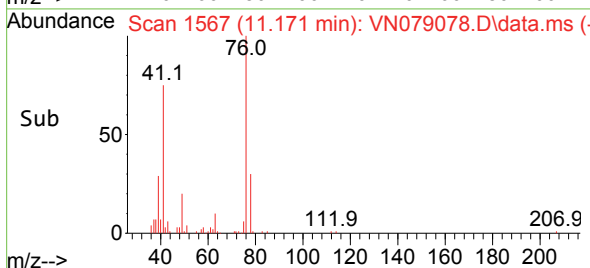
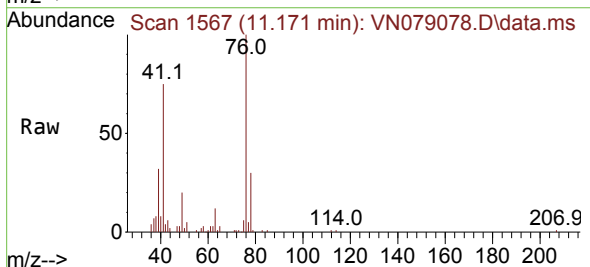


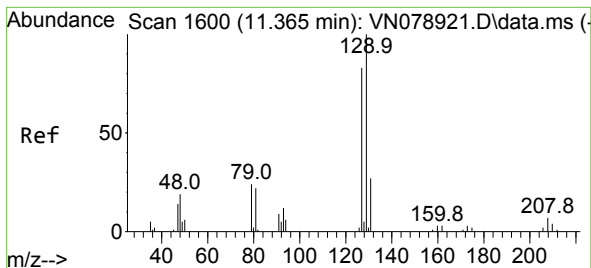
Tgt Ion: 69 Resp: 70726
Ion Ratio Lower Upper
69 100
41 70.9 35.9 107.8
39 46.7 23.5 70.5



#52
1,3-Dichloropropane
Concen: 20.068 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 76 Resp: 86525
Ion Ratio Lower Upper
76 100
78 31.5 0.0 64.6





#53

Dibromochloromethane

Concen: 19.301 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

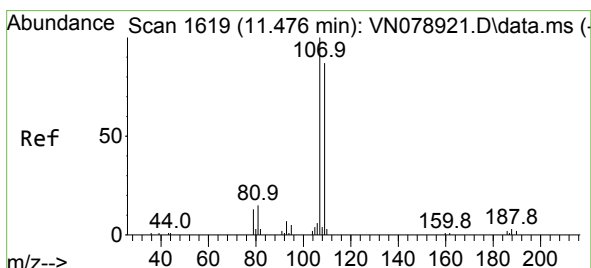
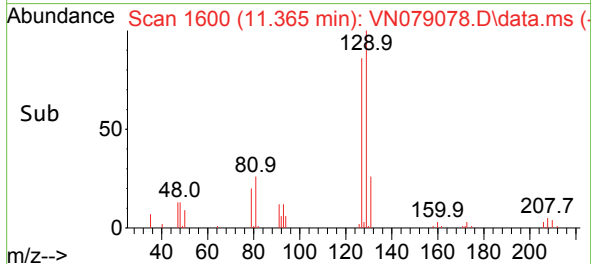
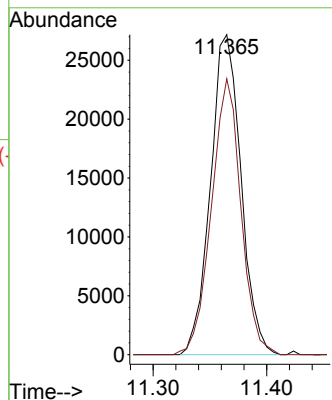
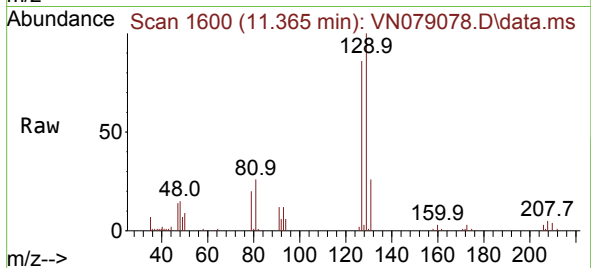
ClientSampleId :

Tgt Ion:129 Resp: 50851

Ion Ratio Lower Upper

129 100

127 83.0 40.1 120.2



#54

1,2-Dibromoethane

Concen: 19.502 ug/l

RT: 11.477 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VN079078.D

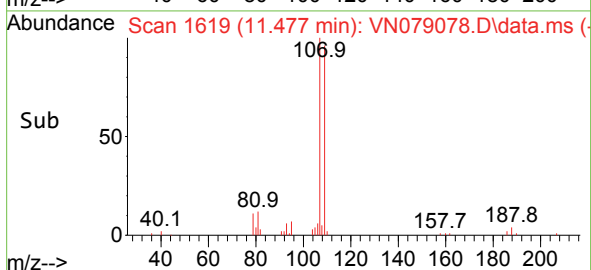
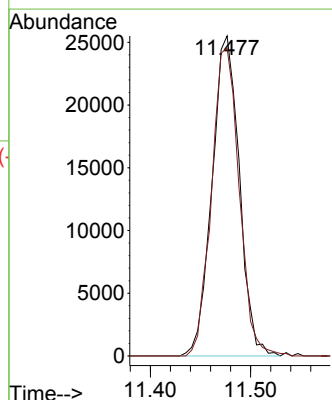
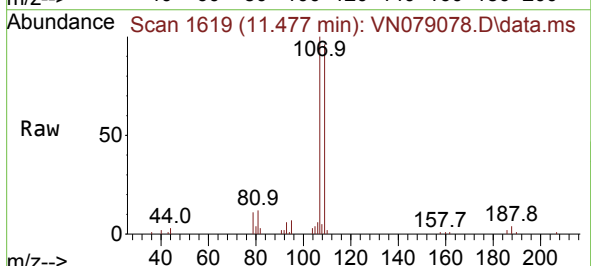
Acq: 28 Aug 2023 19:44

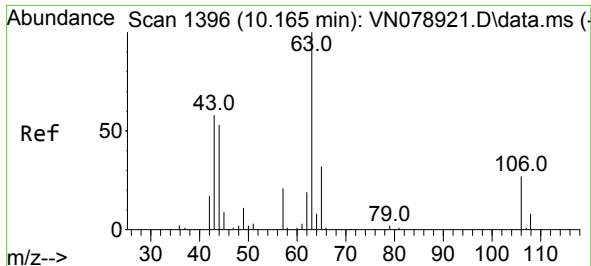
Tgt Ion:107 Resp: 48196

Ion Ratio Lower Upper

107 100

109 97.8 71.7 107.5

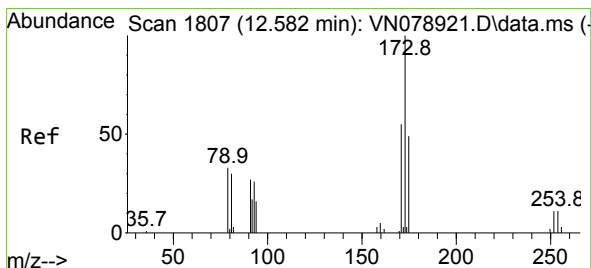
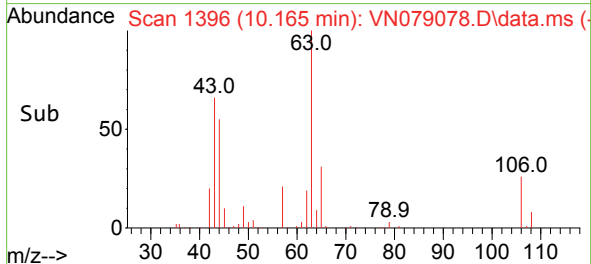
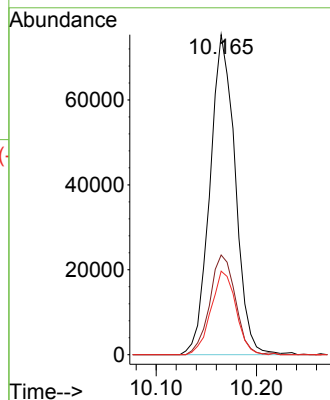
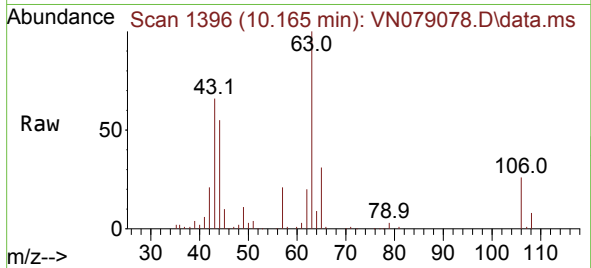




#55
2-Chloroethyl vinyl ether
Concen: 76.374 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

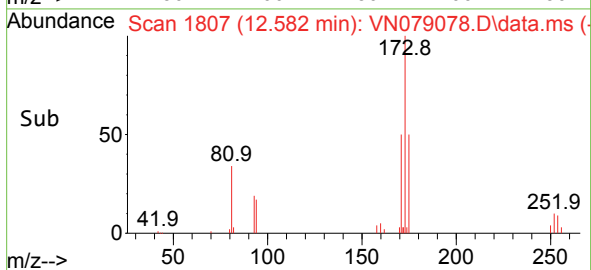
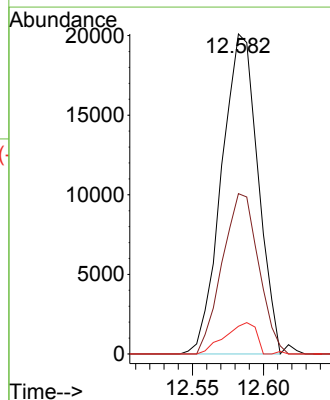
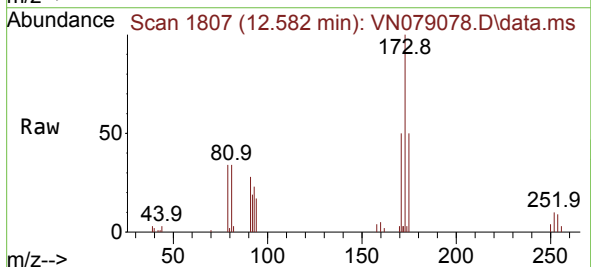
Instrument :
MSVOA_N
ClientSampleId :

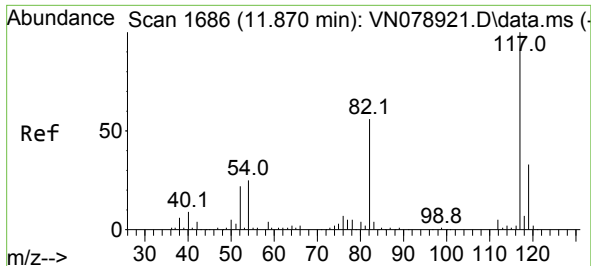
Tgt Ion: 63 Resp: 131525
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.2
106 25.8 22.3 33.5



#56
Bromoform
Concen: 19.222 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

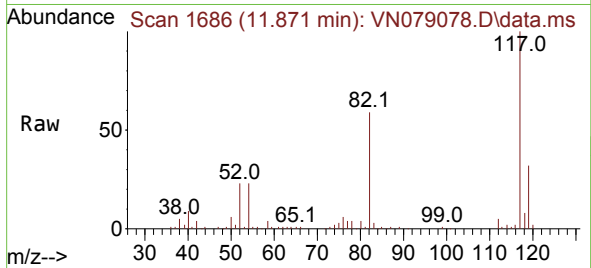
Tgt Ion: 173 Resp: 35731
Ion Ratio Lower Upper
173 100
175 50.2 38.8 58.2
254 8.4 7.6 11.4



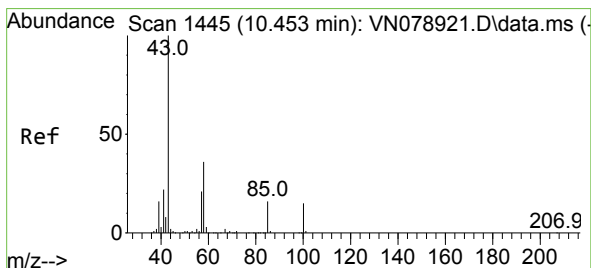
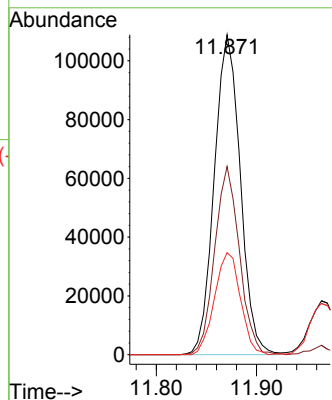
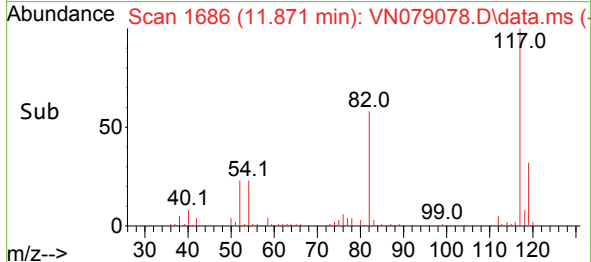


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

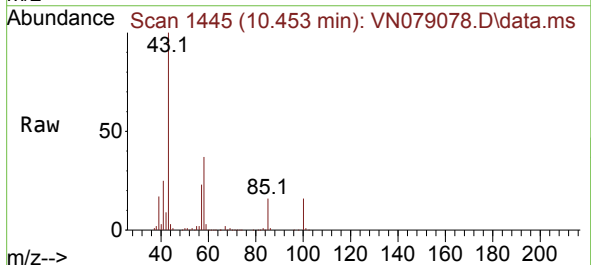
Instrument :
MSVOA_N
ClientSampleId :



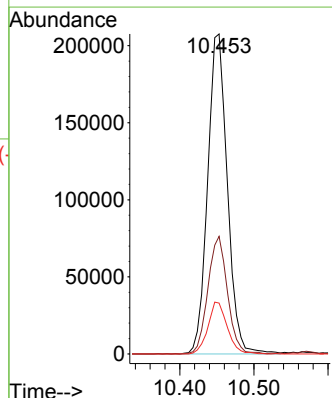
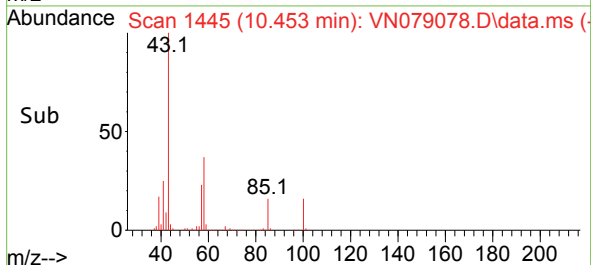
Tgt Ion:117 Resp: 196248
Ion Ratio Lower Upper
117 100
82 56.1 43.4 65.0
119 31.7 25.5 38.3

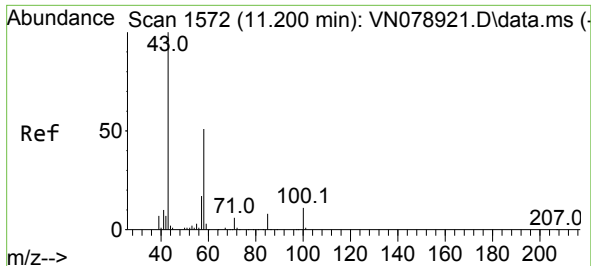


#58
4-Methyl-2-Pentanone
Concen: 98.504 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44



Tgt Ion: 43 Resp: 383538
Ion Ratio Lower Upper
43 100
58 36.5 28.8 43.2
85 15.9 12.7 19.1

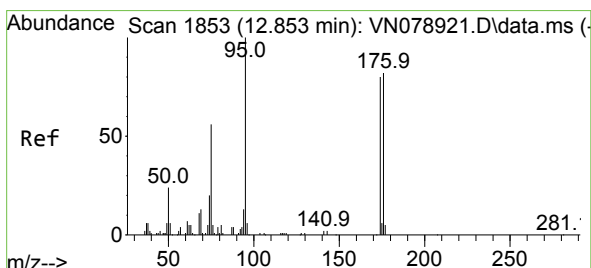
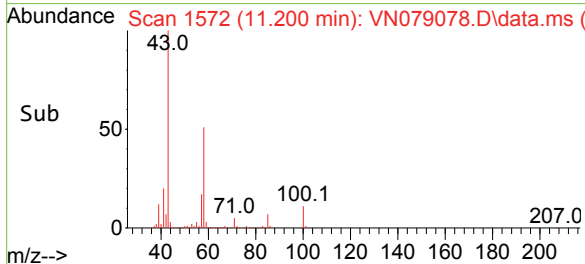
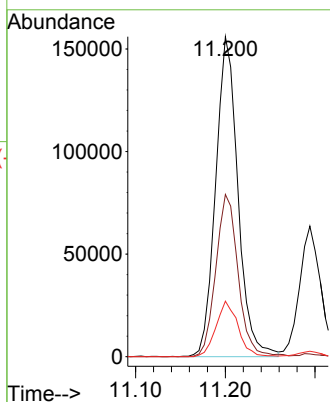
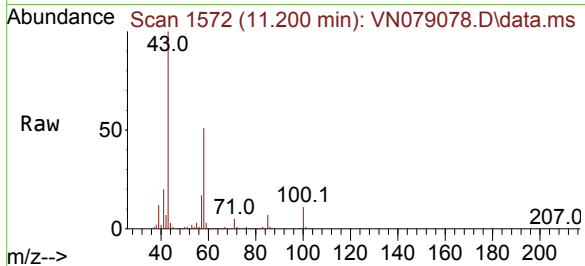




#59
2-Hexanone
Concen: 94.514 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

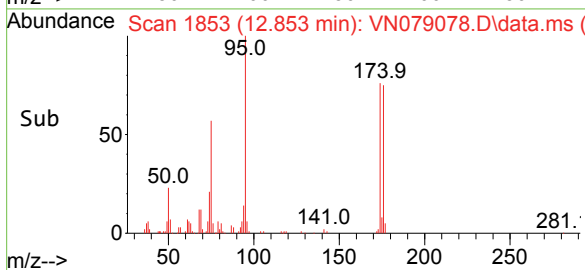
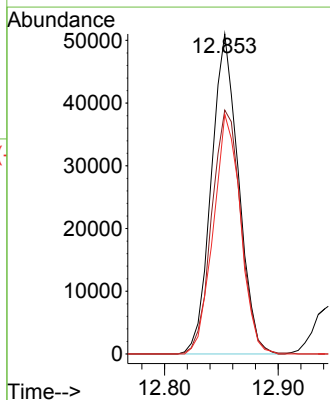
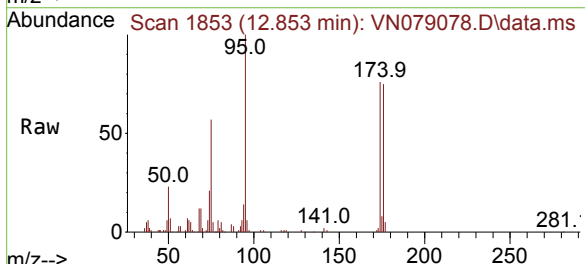
Instrument :
MSVOA_N
ClientSampleId :

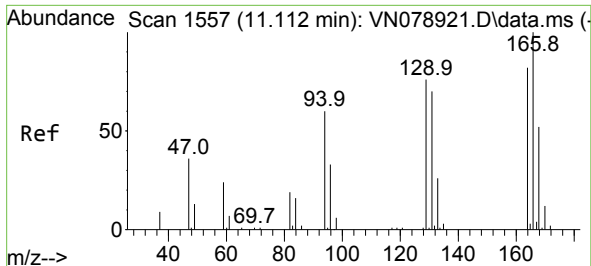
Tgt Ion: 43 Resp: 269628
Ion Ratio Lower Upper
43 100
58 50.3 40.6 60.8
57 17.2 13.6 20.4



#60
4-Bromofluorobenzene
Concen: 29.636 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

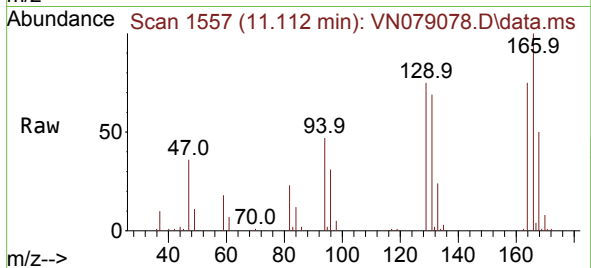
Tgt Ion: 95 Resp: 84840
Ion Ratio Lower Upper
95 100
174 81.6 64.8 97.2
176 74.9 63.0 94.6



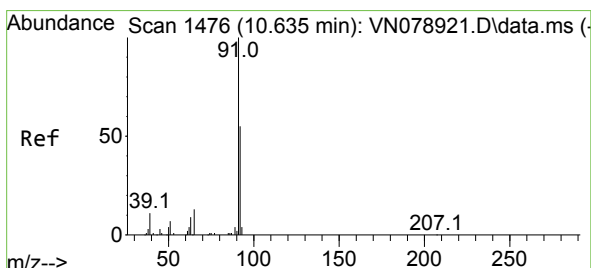
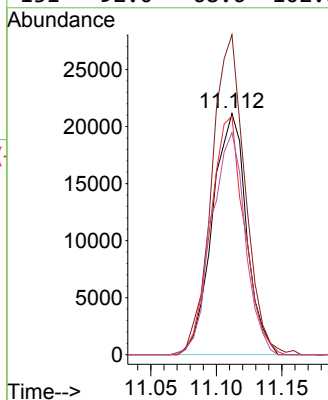
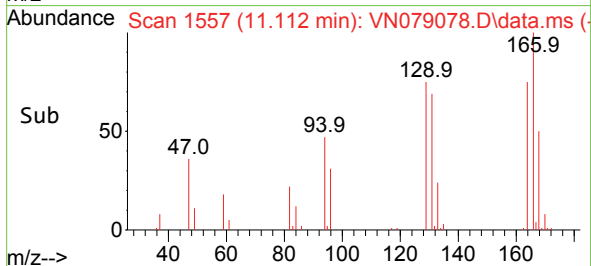


#61
Tetrachloroethene
Concen: 20.027 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

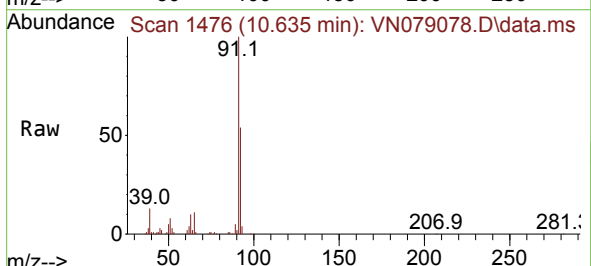
Instrument :
MSVOA_N
ClientSampleId :



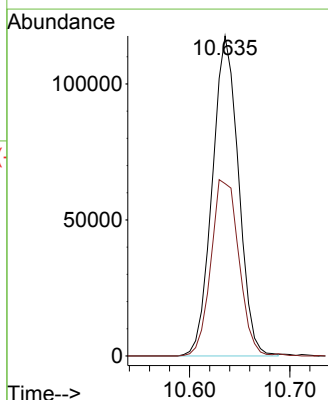
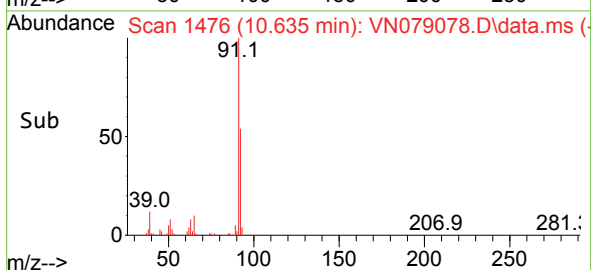
Tgt Ion:164 Resp: 38054
Ion Ratio Lower Upper
164 100
166 131.7 97.6 146.4
129 98.9 74.1 111.1
131 92.0 68.6 102.8

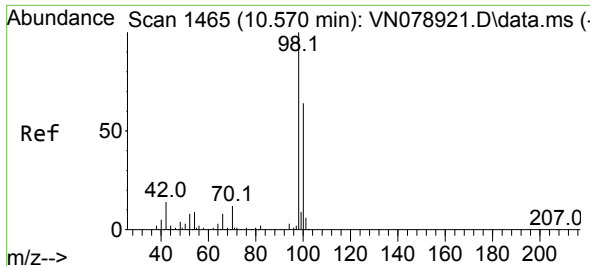


#62
Toluene
Concen: 19.956 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44



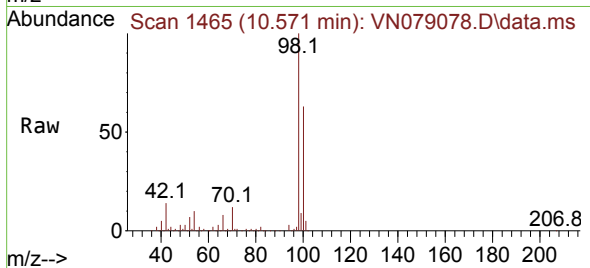
Tgt Ion: 91 Resp: 213812
Ion Ratio Lower Upper
91 100
92 58.4 44.7 67.1



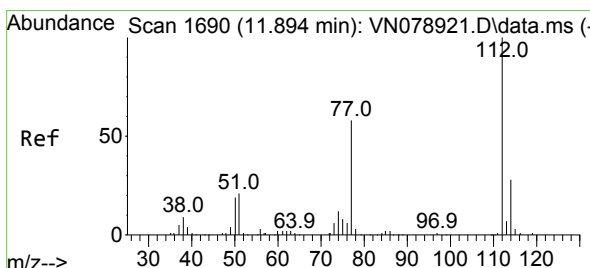
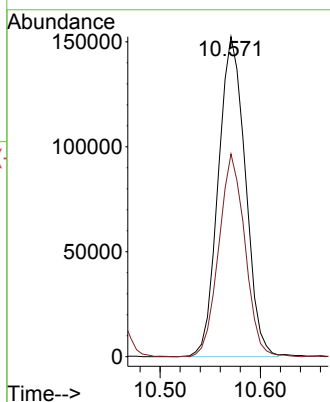
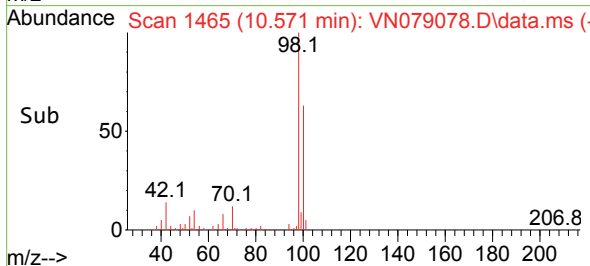


#63
Toluene-d8
Concen: 31.177 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Instrument :
MSVOA_N
ClientSampleId :

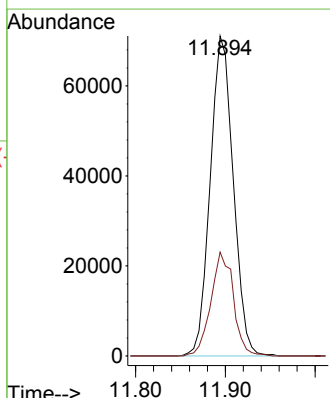
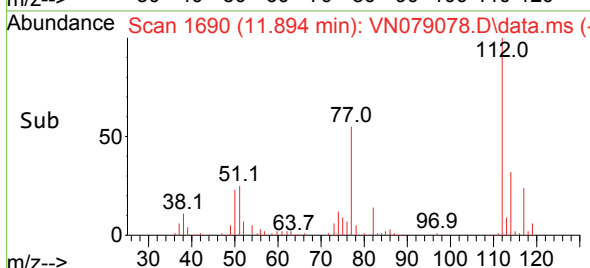
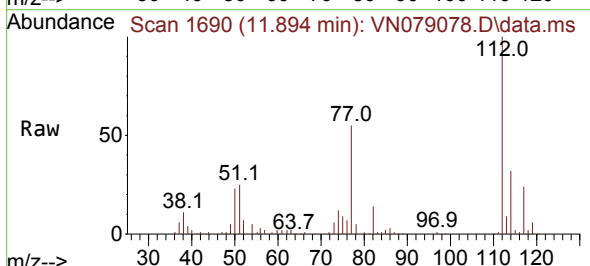


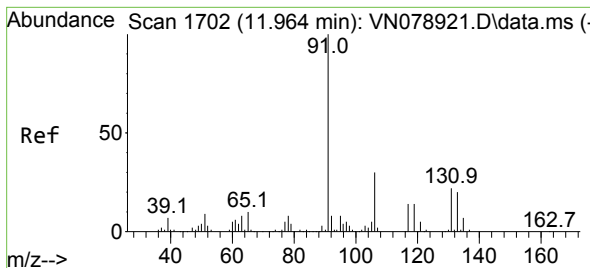
Tgt Ion: 98 Resp: 285722
Ion Ratio Lower Upper
98 100
100 61.2 51.1 76.7



#64
Chlorobenzene
Concen: 19.692 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 112 Resp: 126857
Ion Ratio Lower Upper
112 100
114 32.5 22.4 33.6

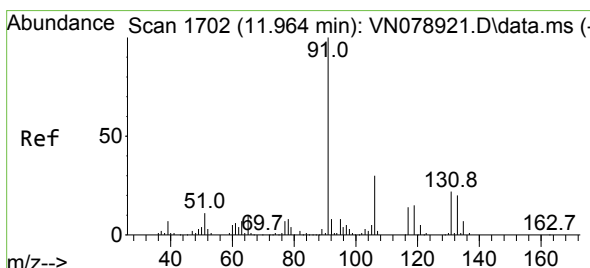
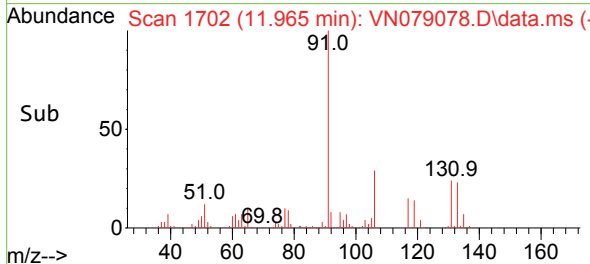
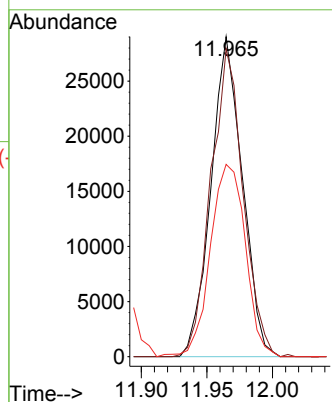
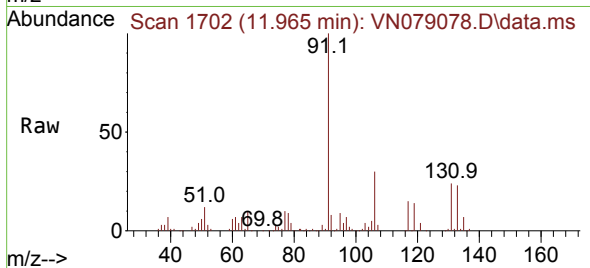




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.634 ug/l
 RT: 11.965 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN079078.D
 Acq: 28 Aug 2023 19:44

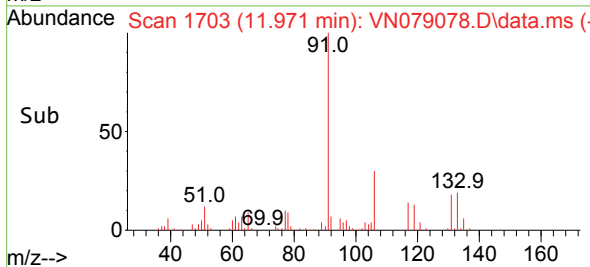
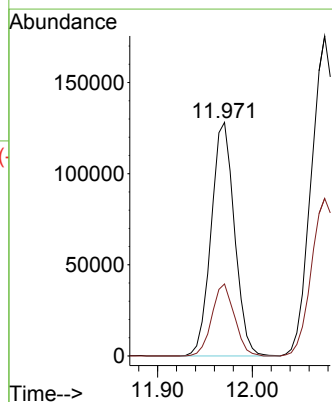
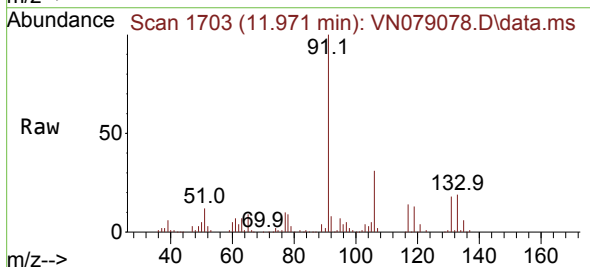
Instrument :
 MSVOA_N
 ClientSampleId :

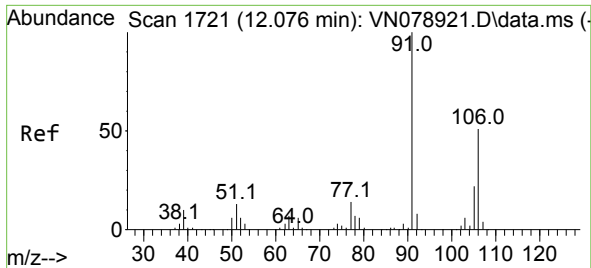
Tgt Ion:131 Resp: 48362
 Ion Ratio Lower Upper
 131 100
 133 98.6 0.0 184.8
 119 66.6 0.0 133.4



#66
 Ethyl Benzene
 Concen: 19.527 ug/l
 RT: 11.971 min Scan# 1703
 Delta R.T. 0.006 min
 Lab File: VN079078.D
 Acq: 28 Aug 2023 19:44

Tgt Ion: 91 Resp: 218843
 Ion Ratio Lower Upper
 91 100
 106 30.9 24.1 36.1

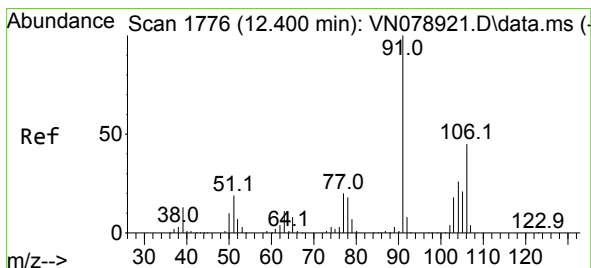
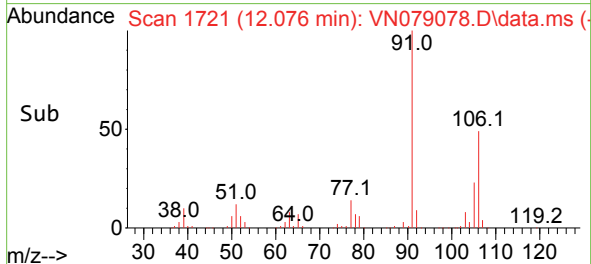
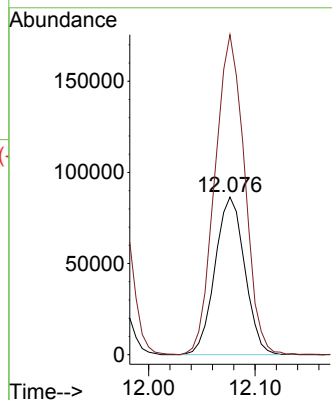
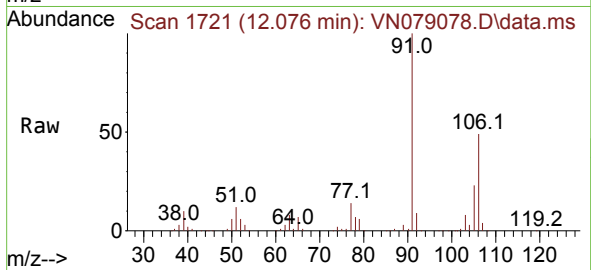




#67
m/p-Xylenes
Concen: 40.100 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

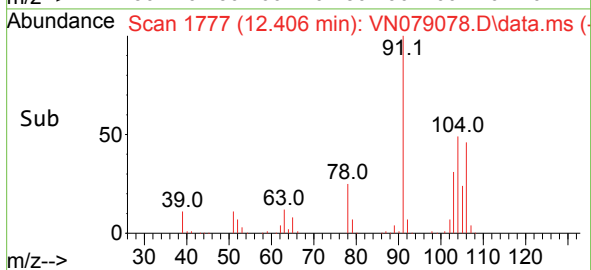
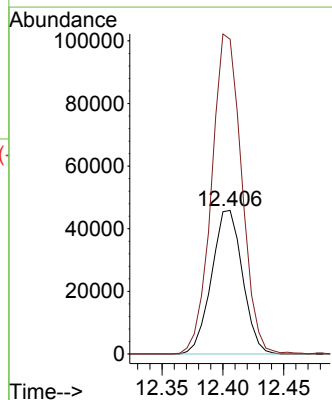
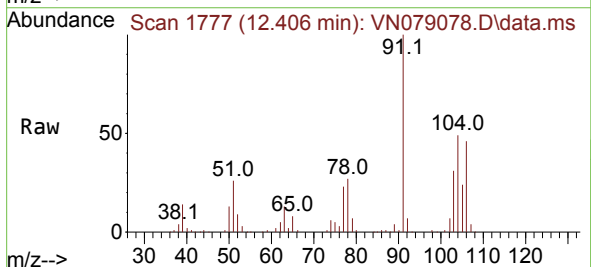
Instrument :
MSVOA_N
ClientSampleId :

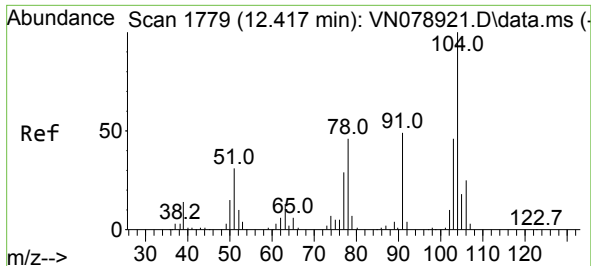
Tgt Ion:106 Resp: 167563
Ion Ratio Lower Upper
106 100
91 202.9 161.2 241.8



#68
o-Xylene
Concen: 19.654 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion:106 Resp: 80979
Ion Ratio Lower Upper
106 100
91 216.5 109.0 327.0

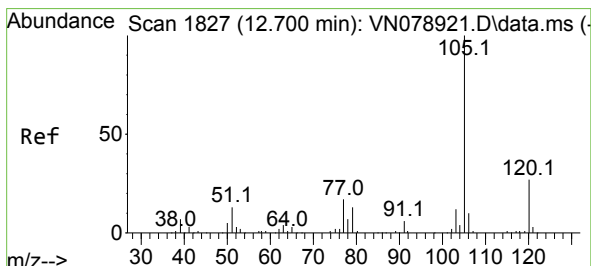
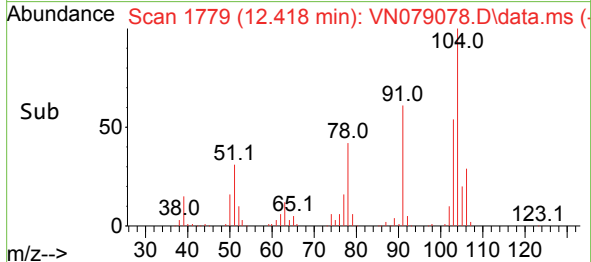
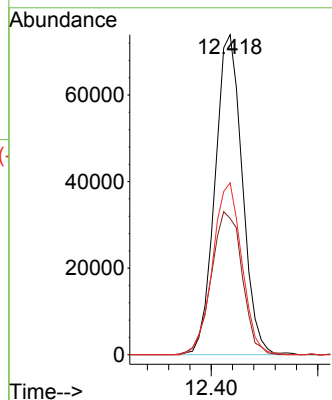
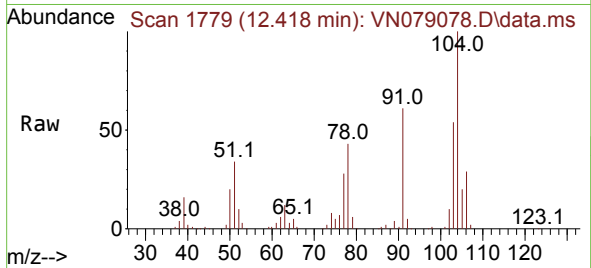




#69
Styrene
Concen: 19.616 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

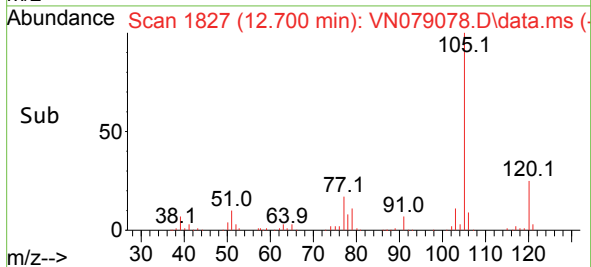
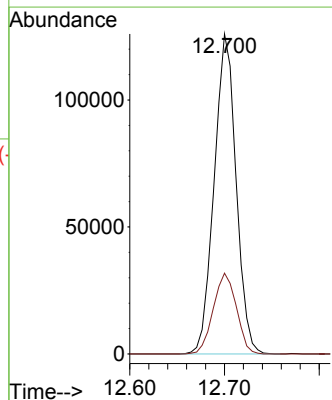
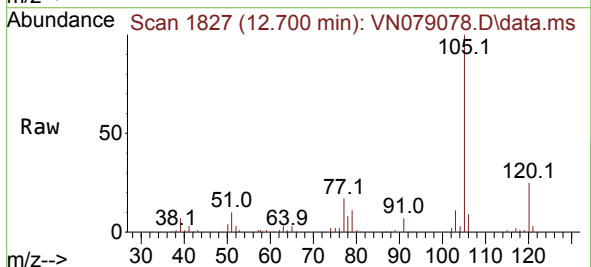
Instrument :
MSVOA_N
ClientSampleId :

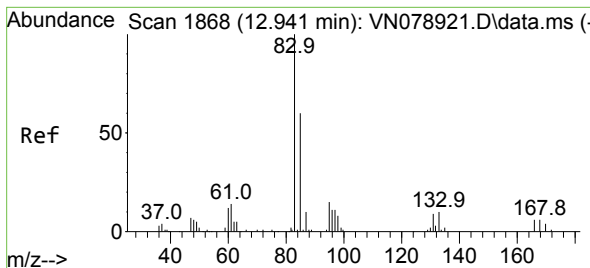
Tgt Ion:104 Resp: 131325
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.4
103 57.2 43.2 64.8



#70
Isopropylbenzene
Concen: 20.268 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion:105 Resp: 202336
Ion Ratio Lower Upper
105 100
120 26.6 19.1 35.5

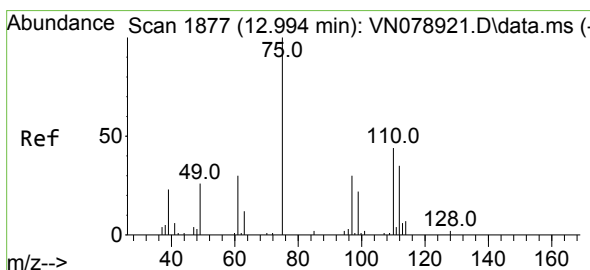
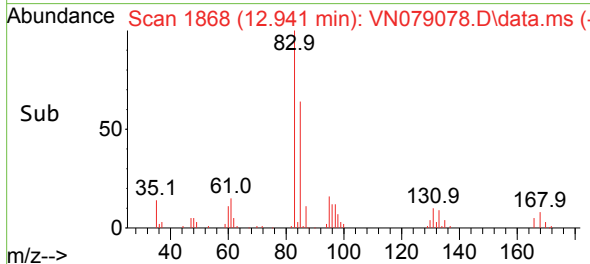
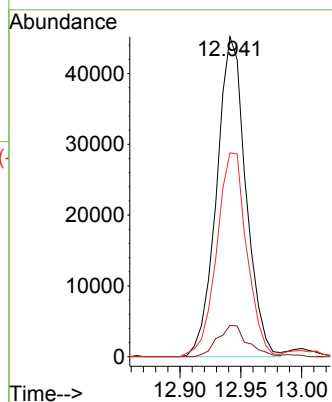
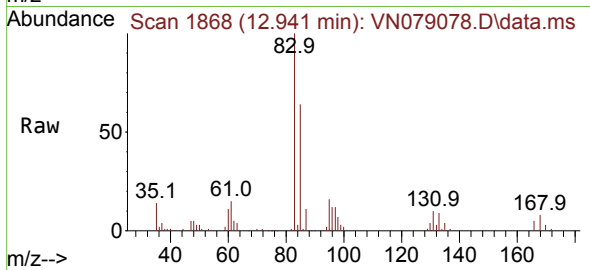




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.239 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079078.D
 Acq: 28 Aug 2023 19:44

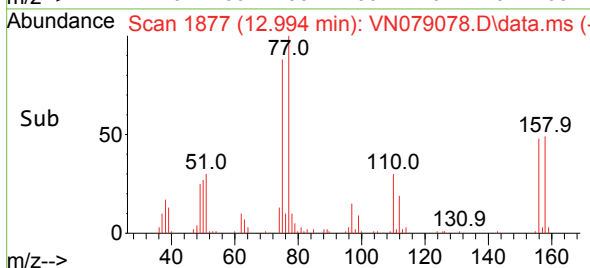
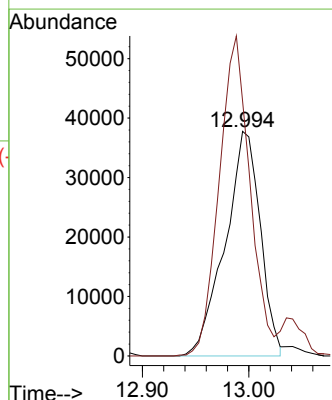
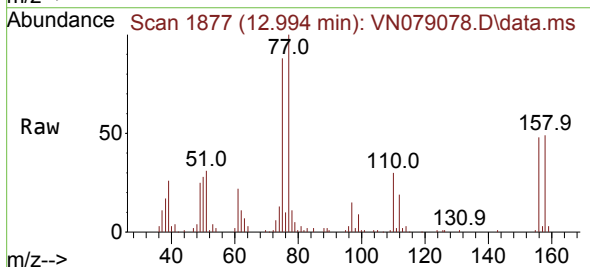
Instrument :
 MSVOA_N
 ClientSampleId :

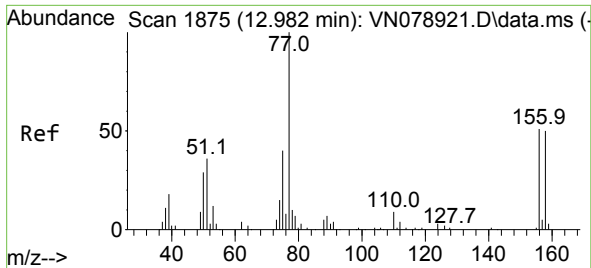
Tgt Ion: 83 Resp: 75741
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.7 14.0
 85 65.5 31.9 95.7



#72
 1,2,3-Trichloropropane
 Concen: 28.293 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079078.D
 Acq: 28 Aug 2023 19:44

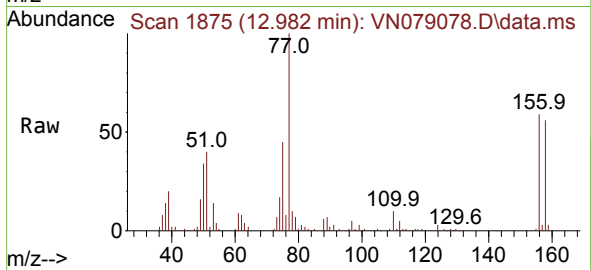
Tgt Ion: 75 Resp: 86864
 Ion Ratio Lower Upper
 75 100
 77 124.4 0.0 367.4



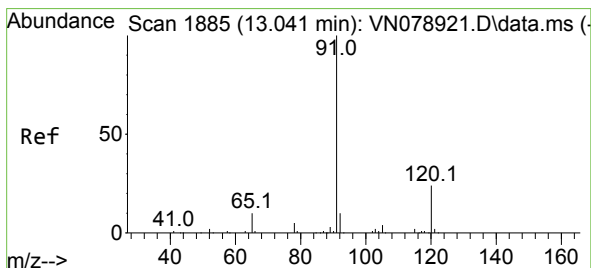
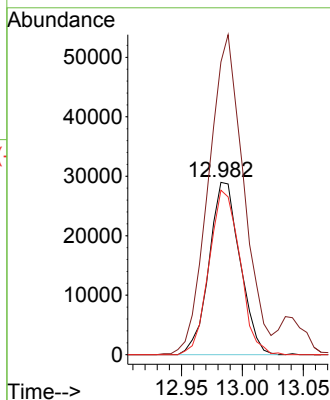
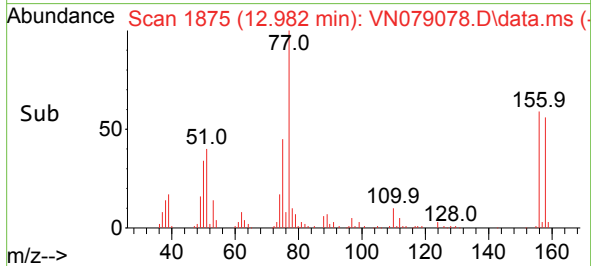


#73
Bromobenzene
Concen: 20.214 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Instrument :
MSVOA_N
ClientSampleId :

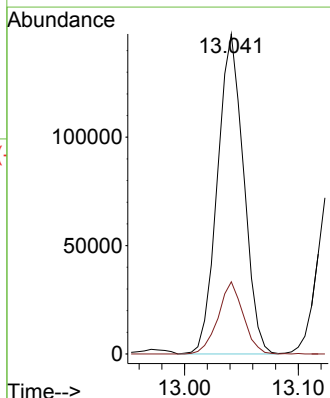
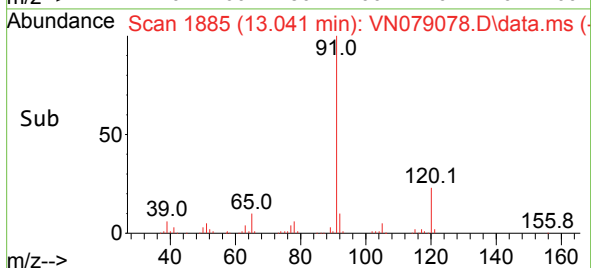
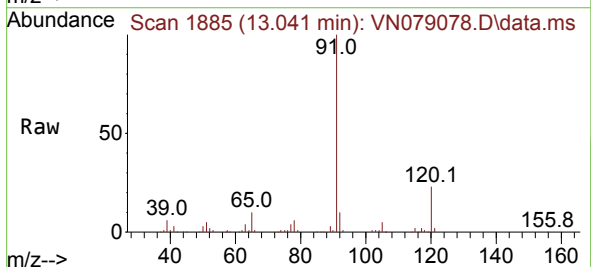


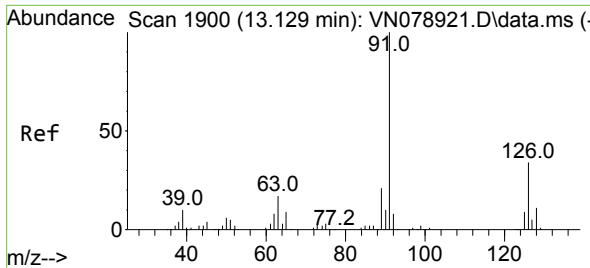
Tgt Ion:156 Resp: 51374
Ion Ratio Lower Upper
156 100
77 210.3 0.0 431.0
158 94.8 0.0 196.8



#74
n-propylbenzene
Concen: 20.912 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 91 Resp: 236603
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.4

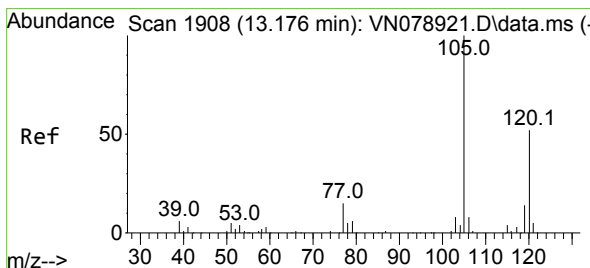
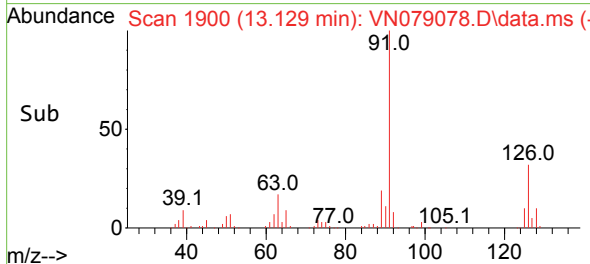
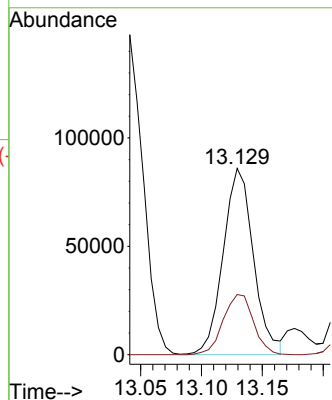
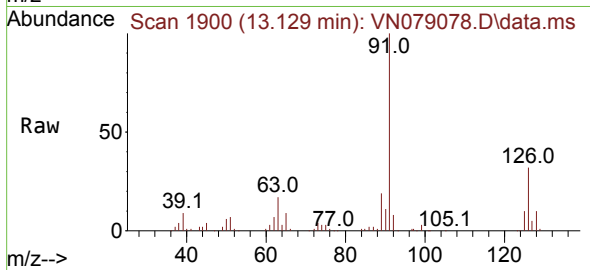




#75
2-Chlorotoluene
Concen: 20.776 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

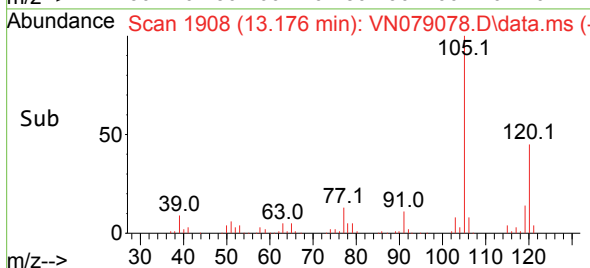
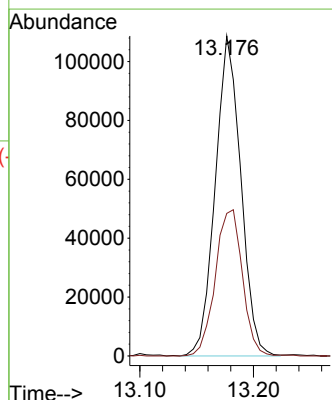
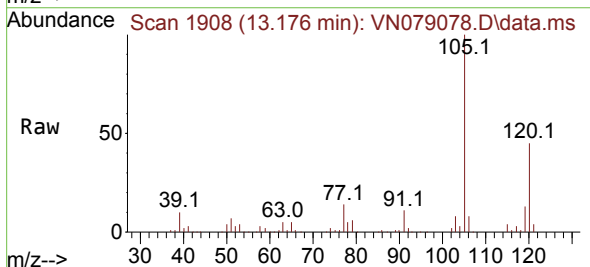
Instrument :
MSVOA_N
ClientSampleId :

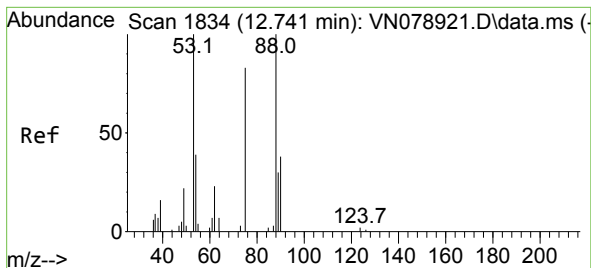
Tgt Ion: 91 Resp: 149118
Ion Ratio Lower Upper
91 100
126 32.2 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 21.445 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 105 Resp: 169710
Ion Ratio Lower Upper
105 100
120 48.4 0.0 98.8

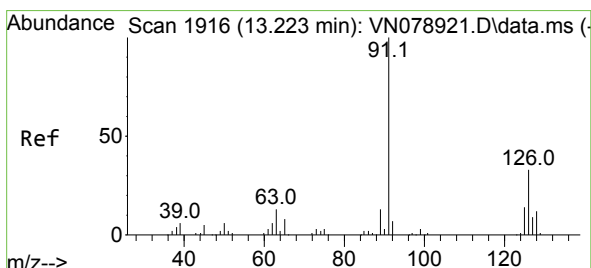
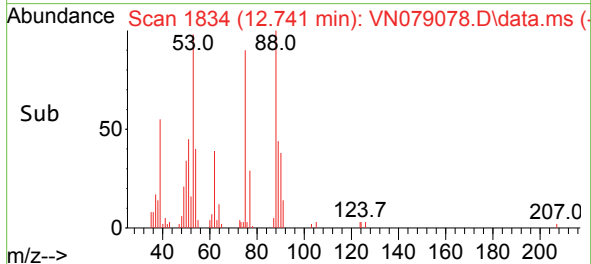
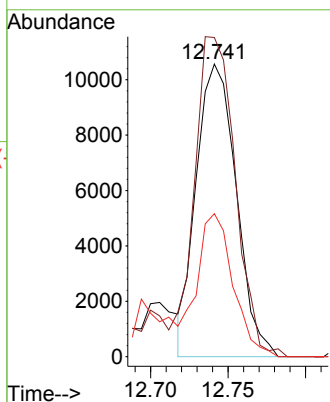
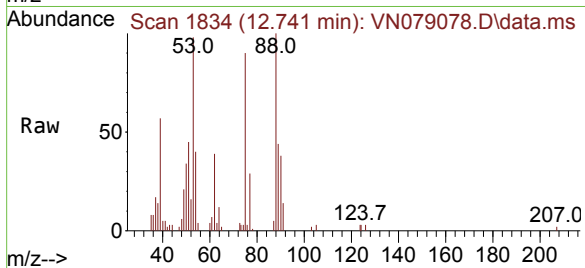




#77
t-1,4-Dichloro-2-butene
Concen: 16.641 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

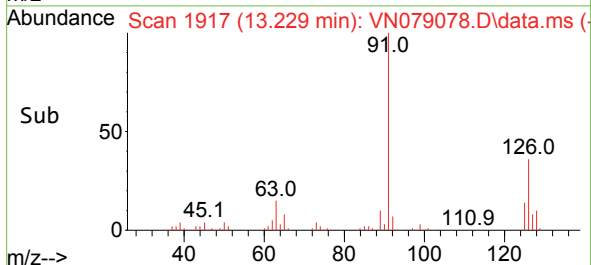
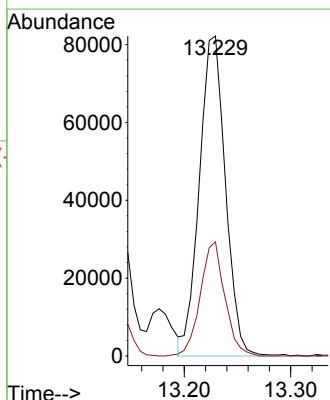
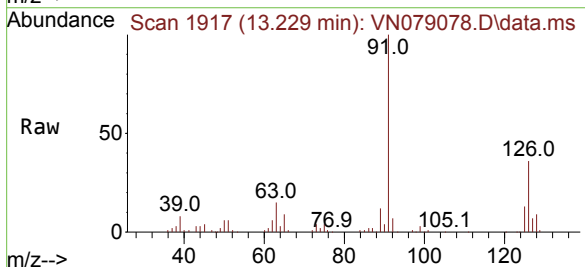
Instrument :
MSVOA_N
ClientSampleId :

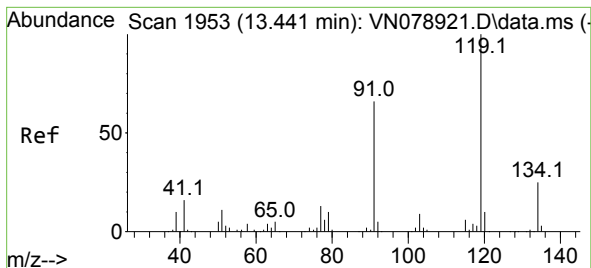
Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.4	60.1	180.3
89	48.9	22.9	68.8



#78
4-Chlorotoluene
Concen: 20.394 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	0.0	67.4

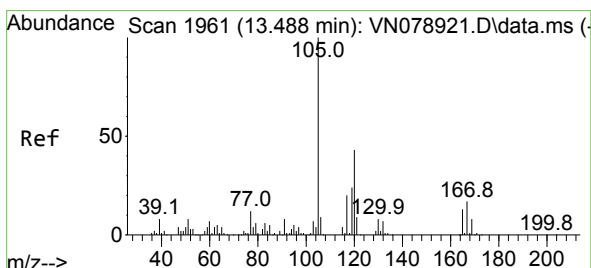
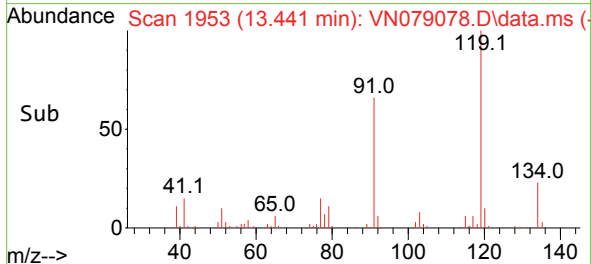
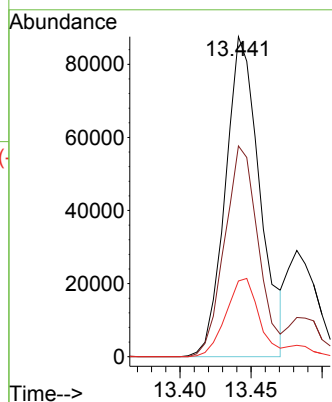
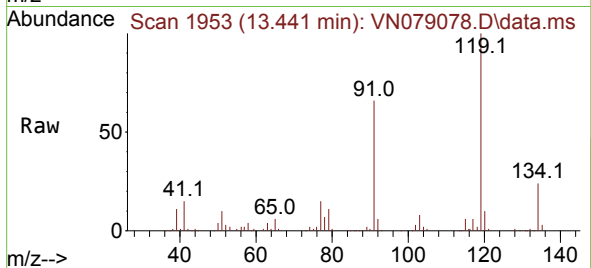




#79
tert-butylbenzene
Concen: 22.129 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

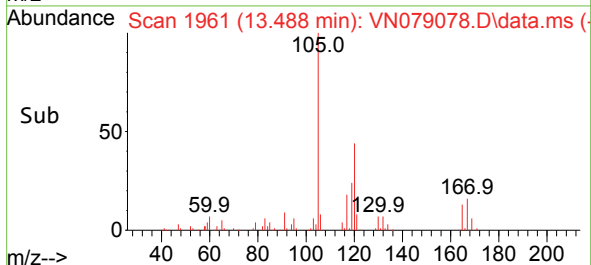
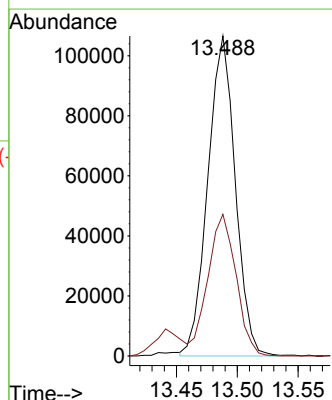
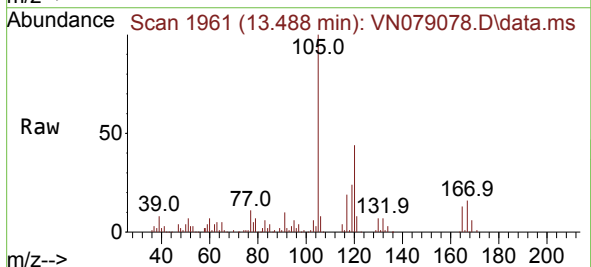
Instrument :
MSVOA_N
ClientSampleId :

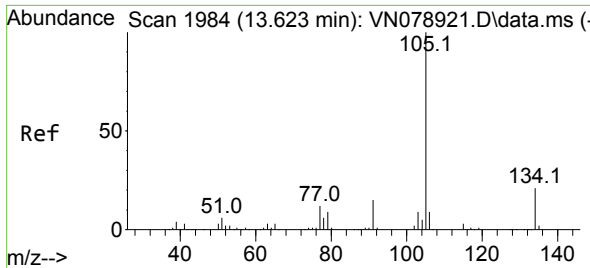
Tgt Ion:119 Resp: 147985
Ion Ratio Lower Upper
119 100
91 64.4 0.0 135.6
134 23.5 0.0 51.4



#80
1,2,4-Trimethylbenzene
Concen: 21.509 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion:105 Resp: 167371
Ion Ratio Lower Upper
105 100
120 45.5 0.0 91.6

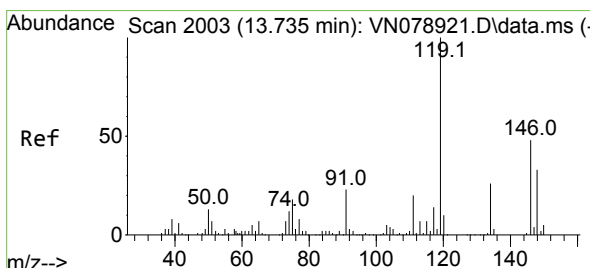
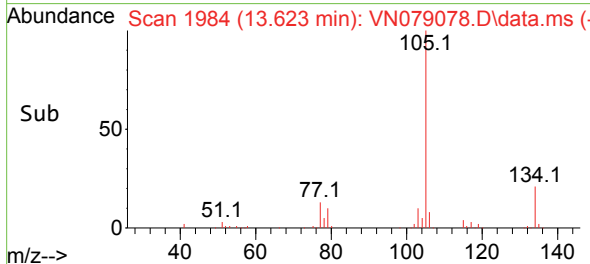
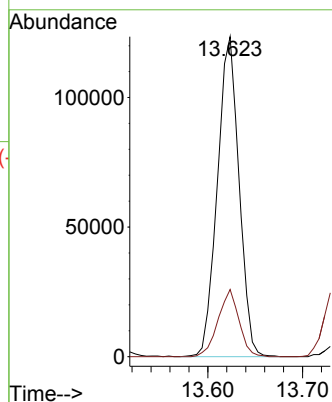
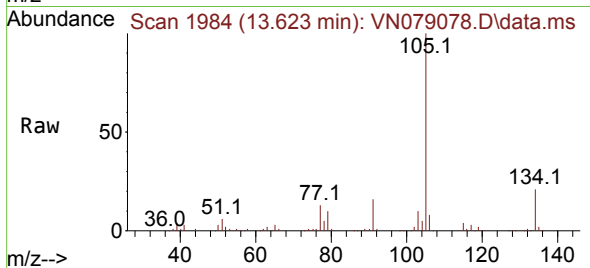




#81
 sec-Butylbenzene
 Concen: 22.270 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079078.D
 Acq: 28 Aug 2023 19:44

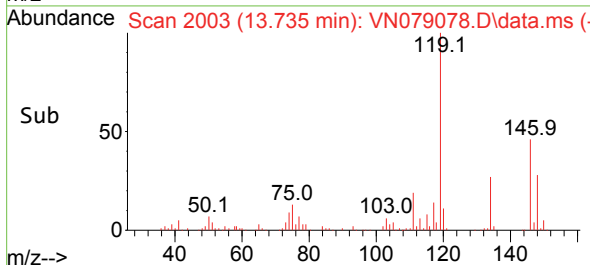
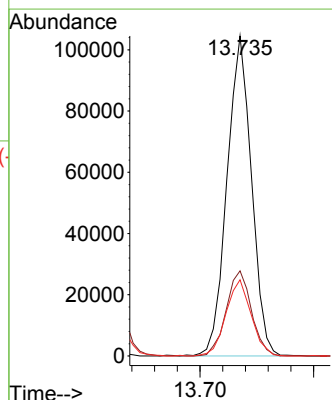
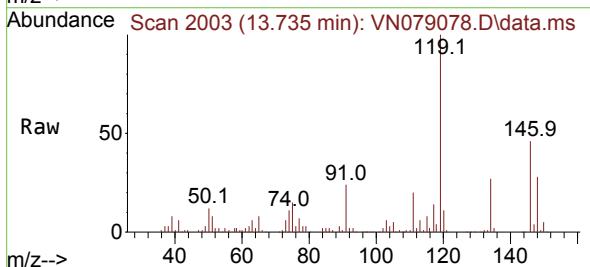
Instrument :
 MSVOA_N
 ClientSampleId :

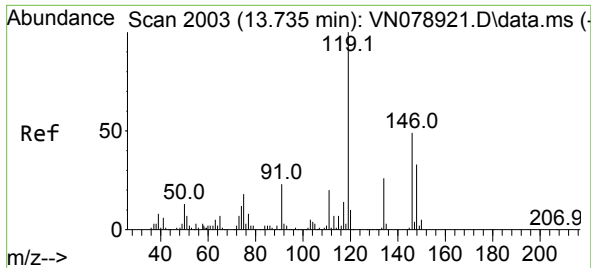
Tgt Ion:105 Resp: 196545
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 21.723 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079078.D
 Acq: 28 Aug 2023 19:44

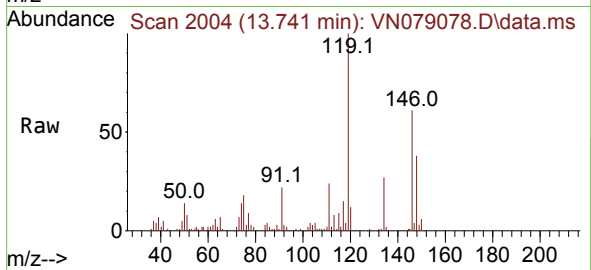
Tgt Ion:119 Resp: 156527
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 52.4
 91 24.5 0.0 47.4



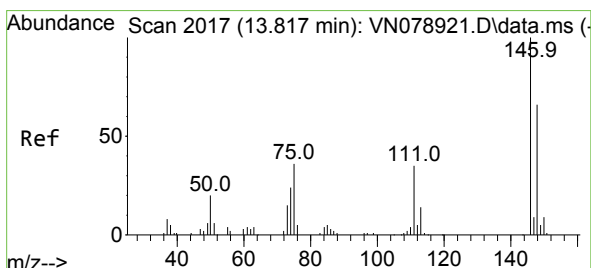
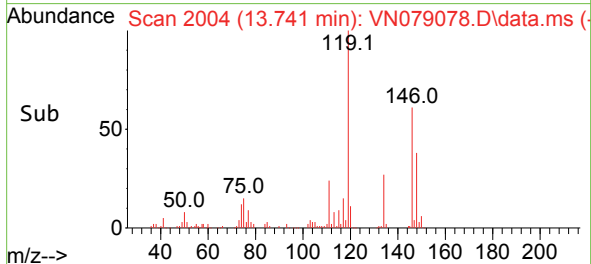
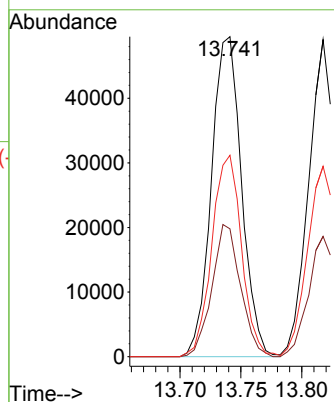


#83
1,3-Dichlorobenzene
Concen: 20.831 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Instrument :
MSVOA_N
ClientSampleId :

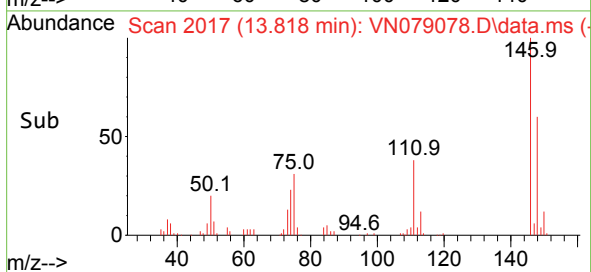
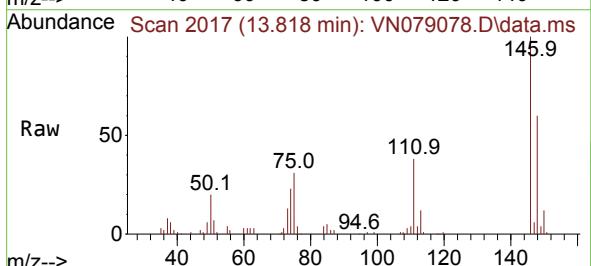
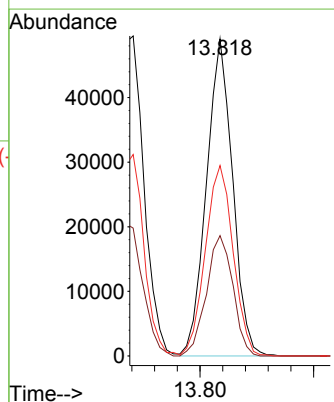


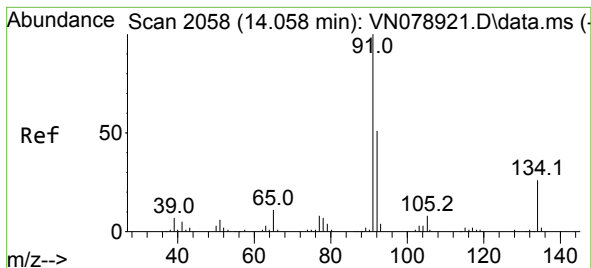
Tgt Ion:146 Resp: 85442
Ion Ratio Lower Upper
146 100
111 39.1 21.2 63.6
148 61.9 33.1 99.5



#84
1,4-Dichlorobenzene
Concen: 19.509 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion:146 Resp: 78562
Ion Ratio Lower Upper
146 100
111 38.4 18.6 56.0
148 63.9 32.0 96.2





#85

n-Butylbenzene

Concen: 20.676 ug/l

RT: 14.065 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

ClientSampleId :

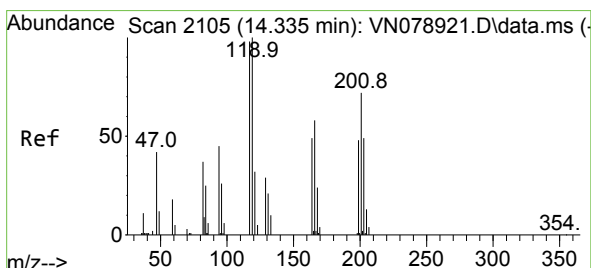
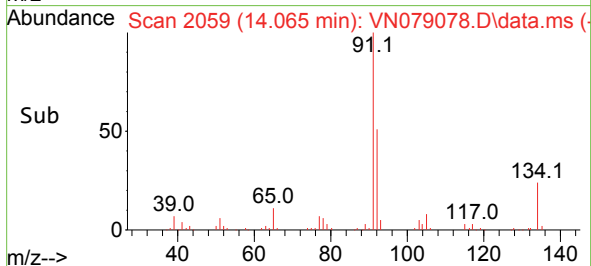
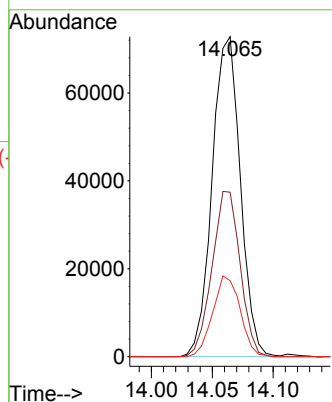
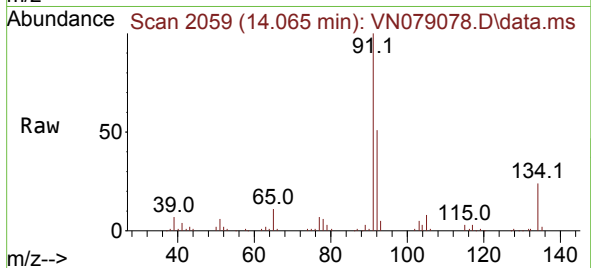
Tgt Ion: 91 Resp: 117173

Ion Ratio Lower Upper

91 100

92 51.5 0.0 102.8

134 24.6 0.0 48.6



#86

Hexachloroethane

Concen: 22.012 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079078.D

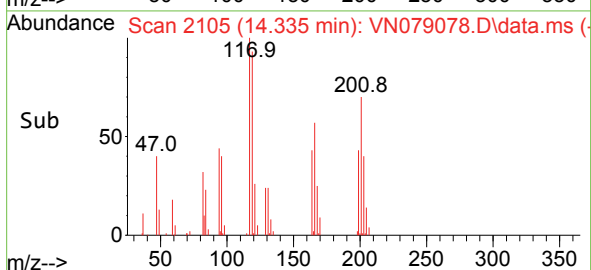
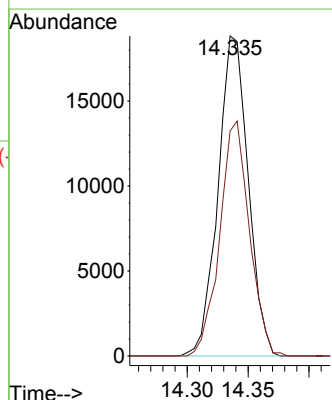
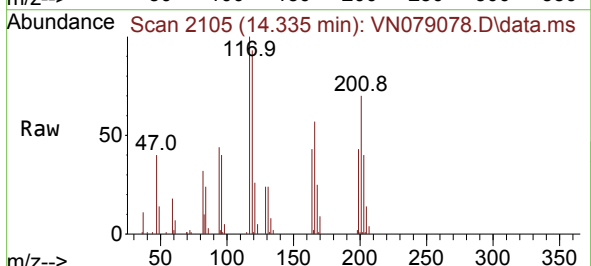
Acq: 28 Aug 2023 19:44

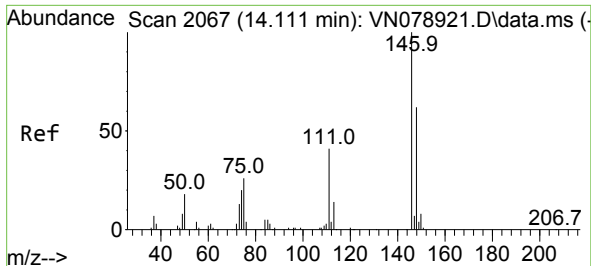
Tgt Ion: 117 Resp: 32453

Ion Ratio Lower Upper

117 100

201 72.1 36.6 109.8

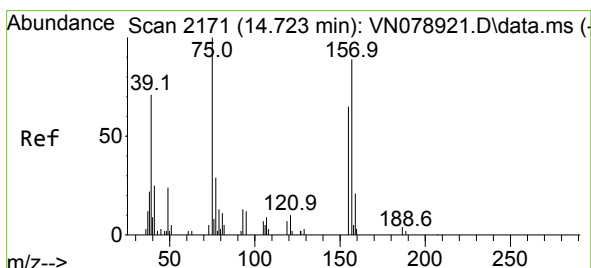
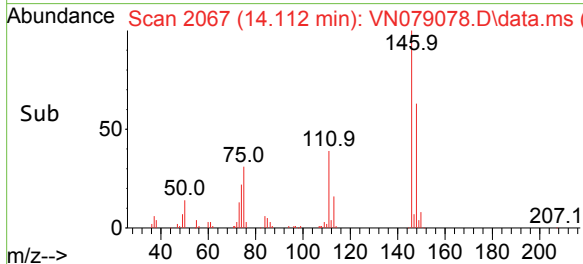
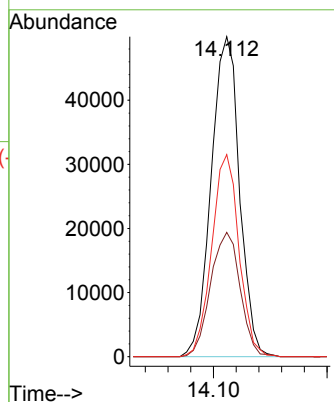
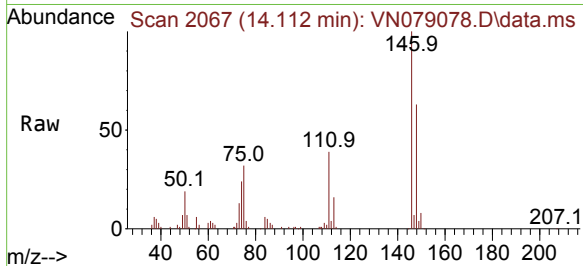




#87
1,2-Dichlorobenzene
Concen: 20.541 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

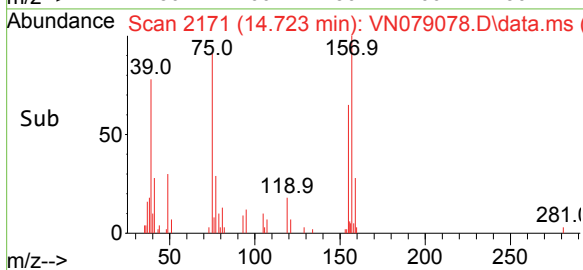
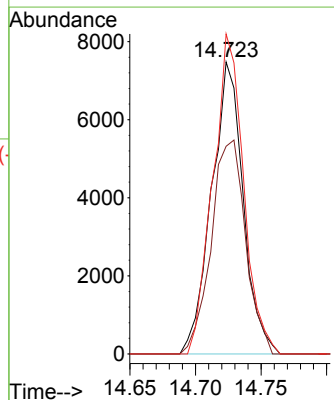
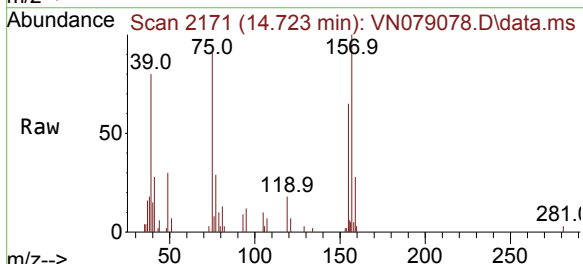
Instrument :
MSVOA_N
ClientSampleId :

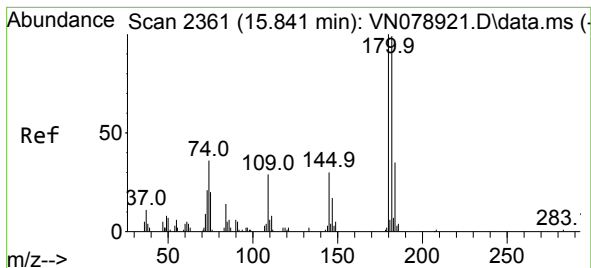
Tgt Ion:146 Resp: 86290
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 60.8 32.0 96.2



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.692 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079078.D
Acq: 28 Aug 2023 19:44

Tgt Ion: 75 Resp: 12555
Ion Ratio Lower Upper
75 100
155 79.3 61.1 91.7
157 106.2 79.8 119.6





#89

1,2,4-Trichlorobenzene

Concen: 19.626 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079078.D

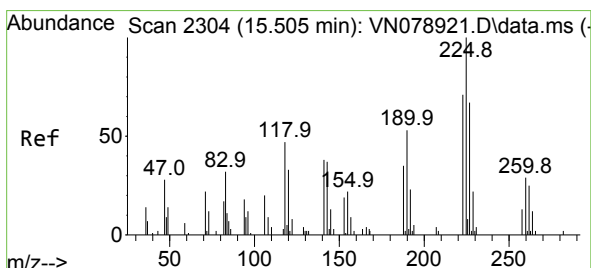
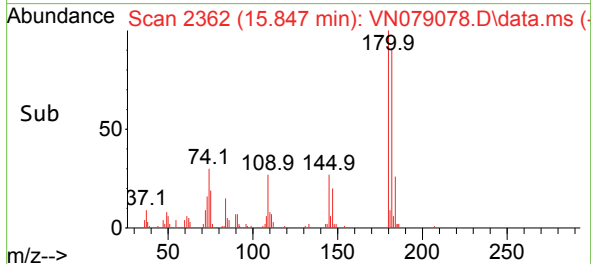
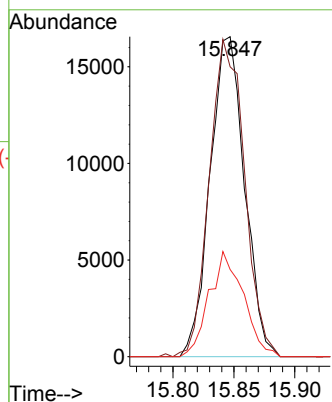
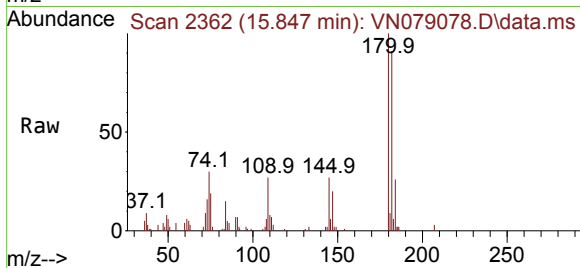
Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	180	Resp:	32561
Ion Ratio	Lower	Upper	
180	100		
182	100.9	76.1	114.1
145	32.5	26.5	39.7



#90

Hexachlorobutadiene

Concen: 22.198 ug/l

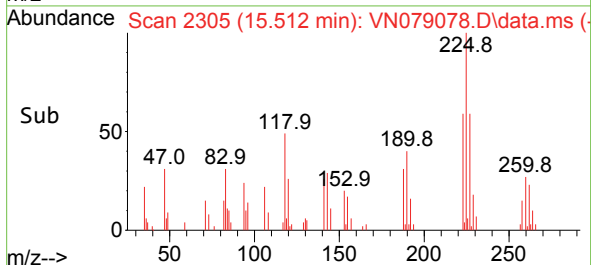
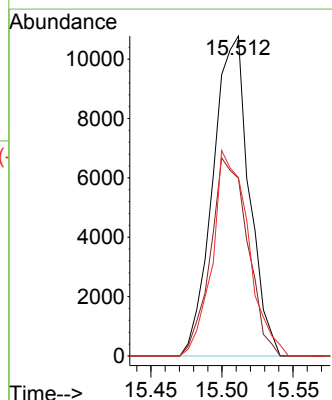
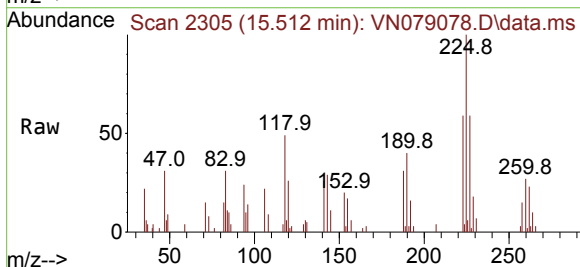
RT: 15.512 min Scan# 2305

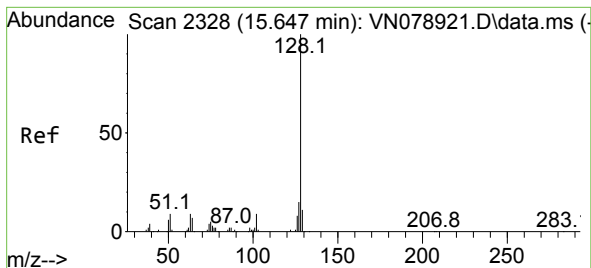
Delta R.T. 0.006 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Tgt Ion:	225	Resp:	19174
Ion Ratio	Lower	Upper	
225	100		
223	63.1	0.0	124.0
227	63.4	0.0	117.4





#91

Naphthalene

Concen: 16.425 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Instrument :

MSVOA_N

ClientSampleId :

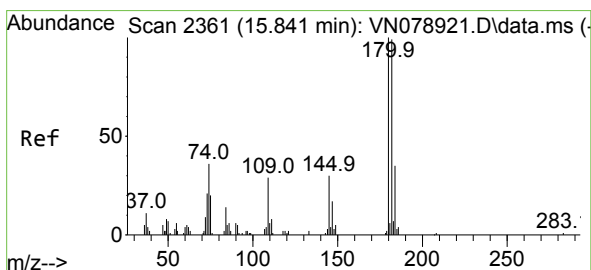
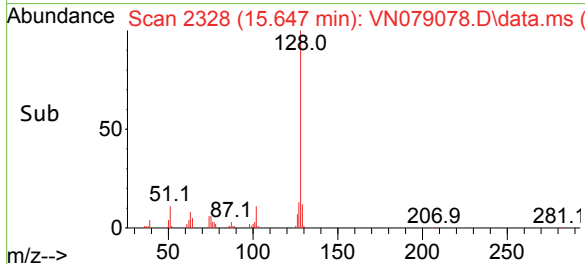
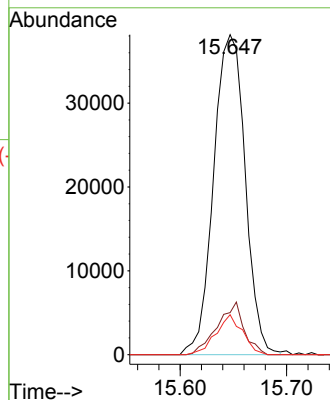
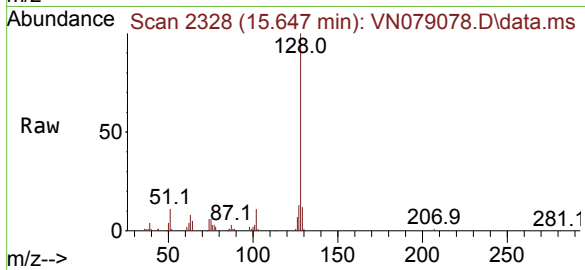
Tgt Ion:128 Resp: 78597

Ion Ratio Lower Upper

128 100

127 13.9 11.1 16.7

129 10.5 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 19.626 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079078.D

Acq: 28 Aug 2023 19:44

Tgt Ion:180 Resp: 32561

Ion Ratio Lower Upper

180 100

182 100.9 0.0 190.2

145 32.5 0.0 66.2

