

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078447.D
 Acq On : 28 Jun 2023 17:31
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 29 05:23:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	417733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	737964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	661278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	266802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	282228	50.672	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.340%	
35) Dibromofluoromethane	8.177	113	246439	52.815	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.640%	
50) Toluene-d8	10.571	98	890532	49.507	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	12.853	95	293359	52.460	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	174665	36.989	ug/l	99
3) Chloromethane	2.371	50	211739	47.575	ug/l	99
4) Vinyl Chloride	2.518	62	302992	49.002	ug/l	99
5) Bromomethane	2.942	94	209035	44.733	ug/l	93
6) Chloroethane	3.118	64	215340	51.088	ug/l	96
7) Trichlorofluoromethane	3.500	101	395502	47.168	ug/l	98
8) Diethyl Ether	3.971	74	145022	49.223	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	218479	49.372	ug/l	96
10) Methyl Iodide	4.595	142	304502	48.657	ug/l	97
11) Tert butyl alcohol	5.542	59	196354	255.319	ug/l	97
12) 1,1-Dichloroethene	4.347	96	213978	46.908	ug/l	94
13) Acrolein	4.189	56	241811	285.290	ug/l	95
14) Allyl chloride	5.030	41	279534	50.200	ug/l	92
15) Acrylonitrile	5.736	53	565356	285.138	ug/l	99
16) Acetone	4.436	43	445985	278.192	ug/l	92
17) Carbon Disulfide	4.718	76	516090	43.955	ug/l	100
18) Methyl Acetate	5.036	43	395512	53.586	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	751177	51.612	ug/l	99
20) Methylene Chloride	5.289	84	257892	48.680	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	237741	48.321	ug/l	89
22) Diisopropyl ether	6.683	45	713695	54.488	ug/l	94
23) Vinyl Acetate	6.618	43	2153179	276.540	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	451189	52.217	ug/l	98
25) 2-Butanone	7.488	43	713800	289.538	ug/l	89
26) 2,2-Dichloropropane	7.500	77	392131	61.463	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	291784	49.719	ug/l	93
28) Bromochloromethane	7.818	49	207640	52.339	ug/l	90
29) Tetrahydrofuran	7.847	42	465094	282.205	ug/l	85
30) Chloroform	7.971	83	496455	53.357	ug/l	96
31) Cyclohexane	8.265	56	338546	47.385	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	435443	53.307	ug/l	97
36) 1,1-Dichloropropene	8.382	75	341114	50.967	ug/l	99
37) Ethyl Acetate	7.571	43	304029	58.149	ug/l #	93
38) Carbon Tetrachloride	8.371	117	387172	54.785	ug/l	98
39) Methylcyclohexane	9.606	83	299491	43.179	ug/l	94
40) Benzene	8.612	78	1059728	53.036	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	152546	53.827	ug/l	93
42) 1,2-Dichloroethane	8.677	62	366957	53.563	ug/l	97
43) Isopropyl Acetate	8.694	43	523014	52.305	ug/l	93
44) Trichloroethene	9.359	130	271941	51.535	ug/l	95
45) 1,2-Dichloropropane	9.629	63	276693	55.658	ug/l	99
46) Dibromomethane	9.718	93	196649	53.704	ug/l	94
47) Bromodichloromethane	9.894	83	391464	57.554	ug/l	96
48) Methyl methacrylate	9.688	41	229996	54.810	ug/l	91
49) 1,4-Dioxane	9.700	88	97510	1105.607	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1549266	294.230	ug/l	94
52) Toluene	10.635	92	666777	52.854	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	409225	57.770	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	447680	57.172	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	276718	57.984	ug/l	95
56) Ethyl methacrylate	10.882	69	392475	56.480	ug/l	93
57) 1,3-Dichloropropane	11.171	76	456728	56.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	742076	264.354	ug/l	93
59) 2-Hexanone	11.200	43	1110246	302.823	ug/l	91
60) Dibromochloromethane	11.365	129	301327	57.702	ug/l	98
61) 1,2-Dibromoethane	11.476	107	277198	55.349	ug/l	100
64) Tetrachloroethene	11.112	164	218155	49.450	ug/l	96
65) Chlorobenzene	11.900	112	722345	51.007	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	279631	53.686	ug/l	98
67) Ethyl Benzene	11.970	91	1276225	52.228	ug/l	100
68) m/p-Xylenes	12.076	106	965541	103.682	ug/l	99
69) o-Xylene	12.406	106	481229	52.622	ug/l	98
70) Styrene	12.418	104	772700	53.671	ug/l	97
71) Bromoform	12.582	173	195345	58.115	ug/l #	99
73) Isopropylbenzene	12.700	105	1160710	46.006	ug/l	99
74) N-amyl acetate	12.500	43	415479	50.008	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	391119	56.691	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	457698	72.566	ug/l	70
77) Bromobenzene	12.988	156	281815	48.118	ug/l	97
78) n-propylbenzene	13.041	91	1302379	47.512	ug/l	100
79) 2-Chlorotoluene	13.129	91	810431	45.803	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	934459	45.748	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	114672	55.857	ug/l	93
82) 4-Chlorotoluene	13.229	91	783502	47.445	ug/l	98
83) tert-Butylbenzene	13.441	119	780281	43.945	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	923106	46.613	ug/l	98
85) sec-Butylbenzene	13.623	105	979001	42.126	ug/l	100
86) p-Isopropyltoluene	13.735	119	811477	43.028	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	462965	46.732	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	445196	46.571	ug/l	98
89) n-Butylbenzene	14.059	91	603968	40.602	ug/l	97
90) Hexachloroethane	14.341	117	154728	46.231	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	456591	47.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	61029	48.836	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	138456	40.136	ug/l	97
94) Hexachlorobutadiene	15.506	225	76751	45.128	ug/l	99
95) Naphthalene	15.647	128	440908	37.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	153726	39.844	ug/l	97

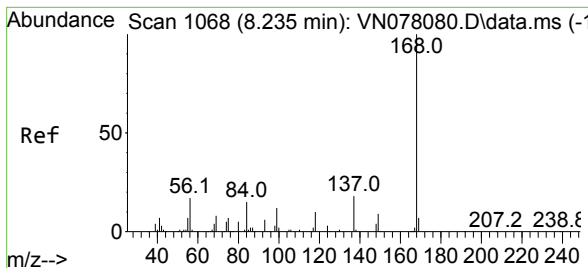
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Response via : Initial Calibration

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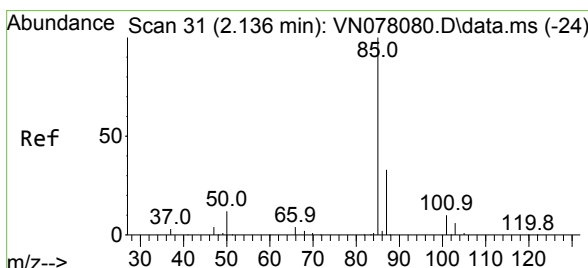
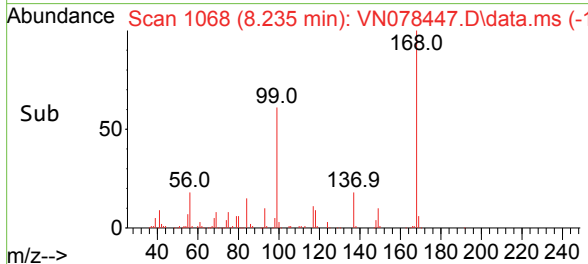
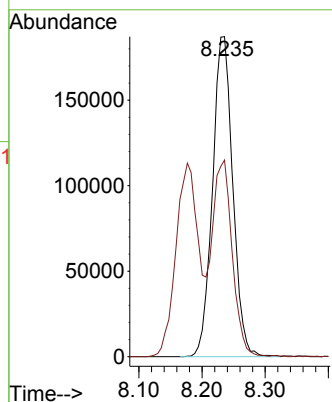
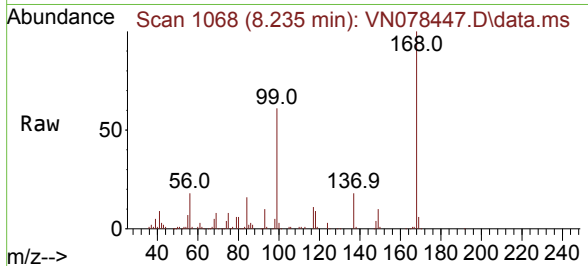
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

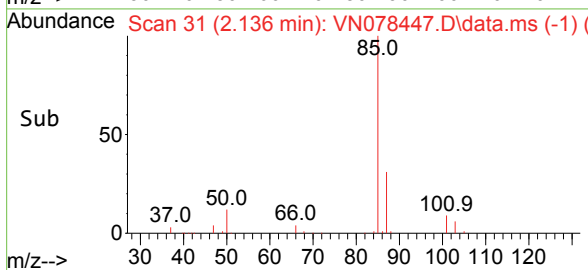
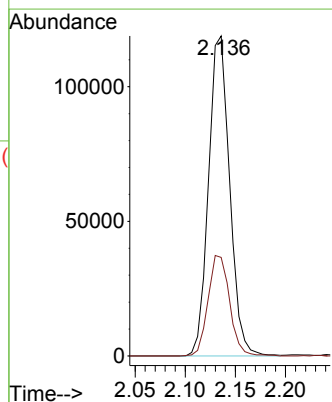
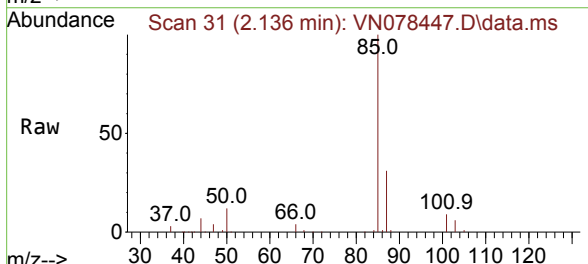
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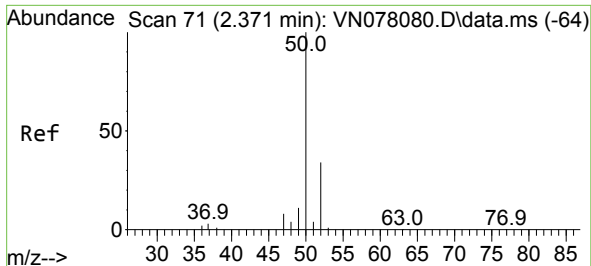
Tgt Ion:168 Resp: 417733
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 36.989 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 85 Resp: 174665
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4

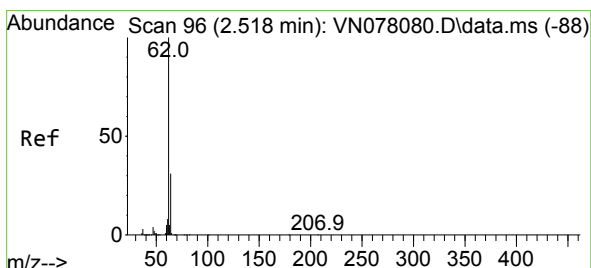
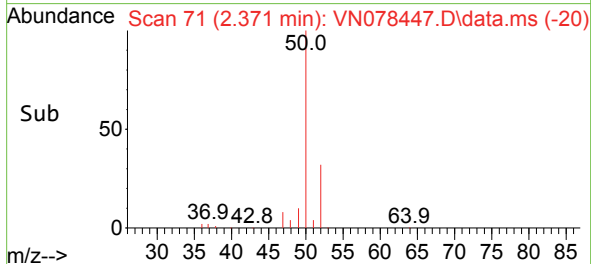
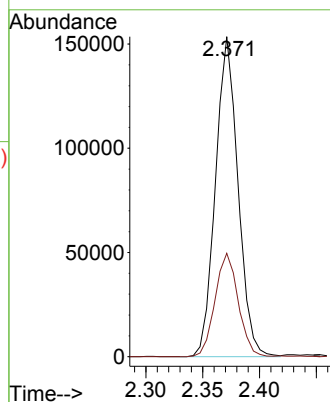
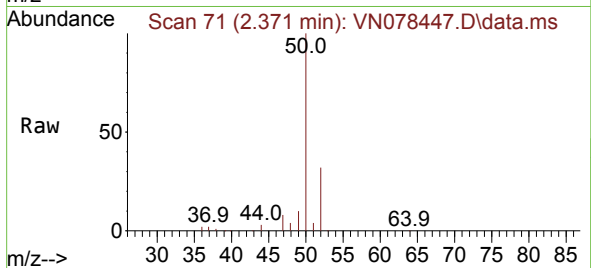




#3
Chloromethane
Concen: 47.575 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

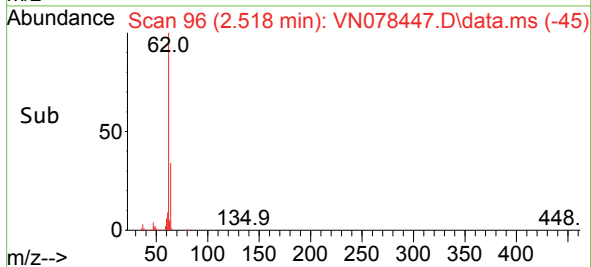
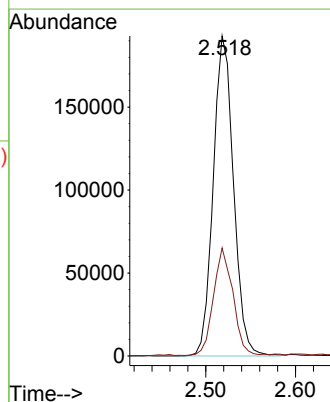
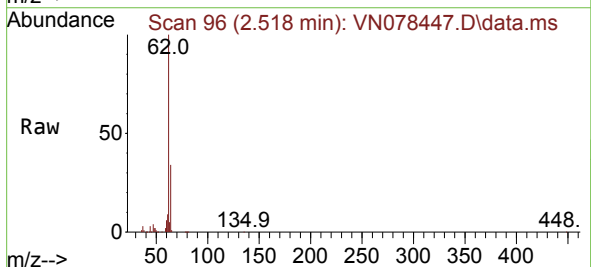
Instrument :
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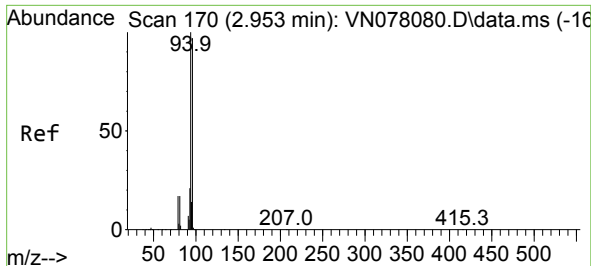
Tgt Ion: 50 Resp: 211739
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7



#4
Vinyl Chloride
Concen: 49.002 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 62 Resp: 302992
Ion Ratio Lower Upper
62 100
64 33.5 26.2 39.2

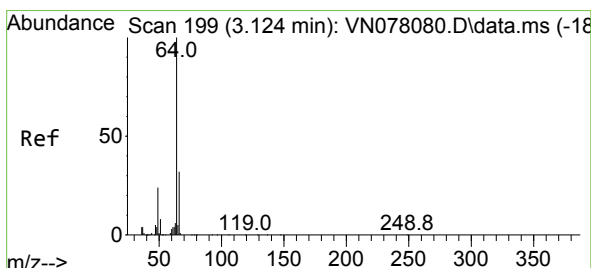
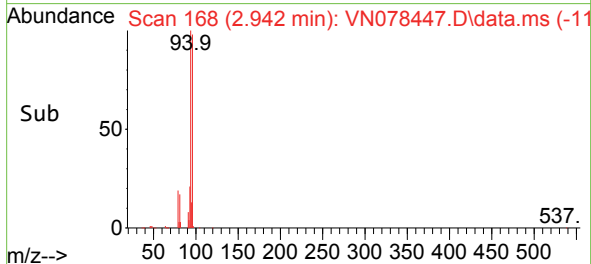
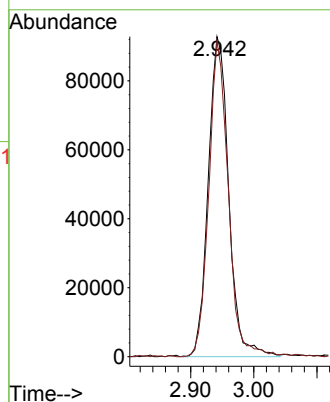
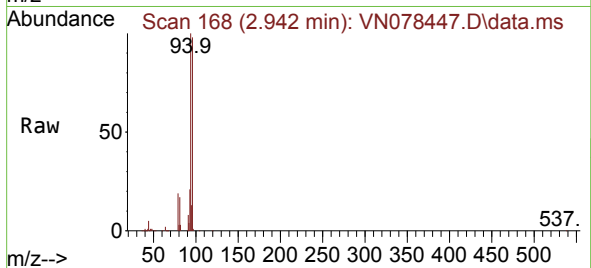




#5
Bromomethane
Concen: 44.733 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

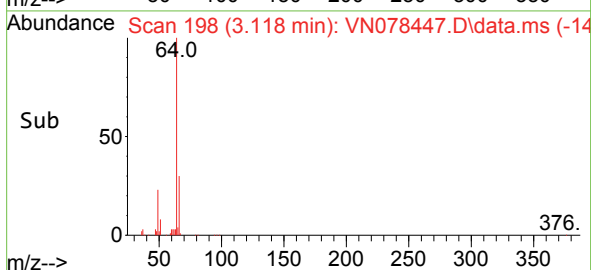
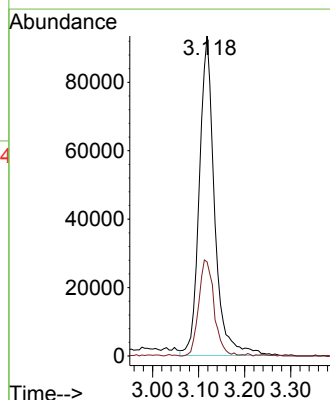
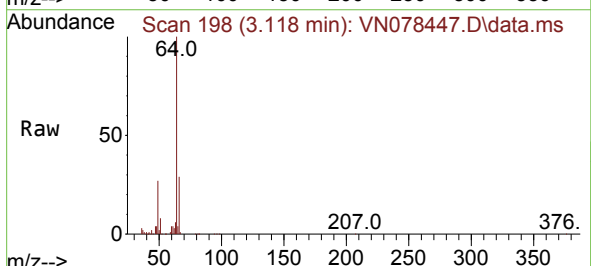
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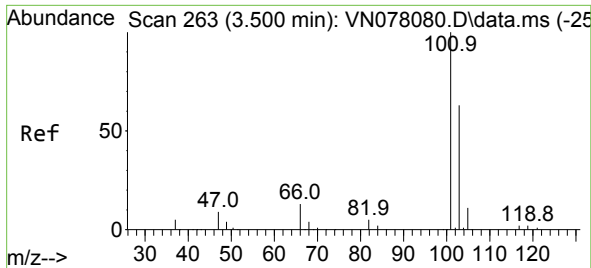
Tgt Ion: 94 Resp: 209035
Ion Ratio Lower Upper
94 100
96 98.5 73.1 109.7



#6
Chloroethane
Concen: 51.088 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 64 Resp: 215340
Ion Ratio Lower Upper
64 100
66 29.4 25.4 38.2

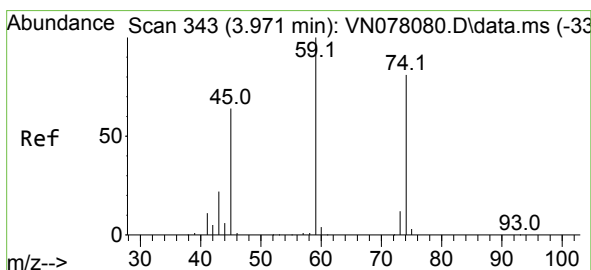
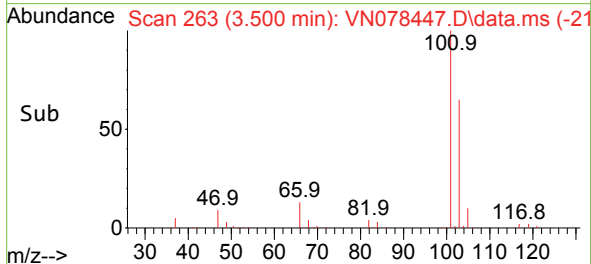
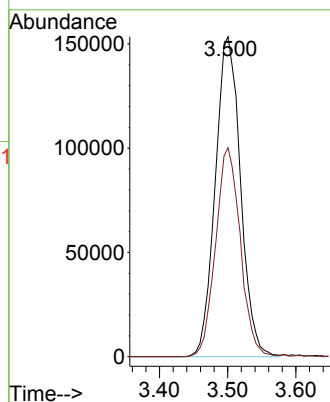
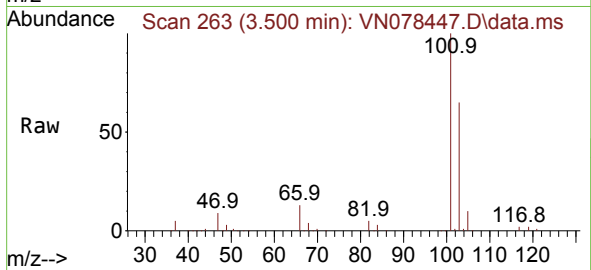




#7
 Trichlorofluoromethane
 Concen: 47.168 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078447.D
 Acq: 28 Jun 2023 17:31

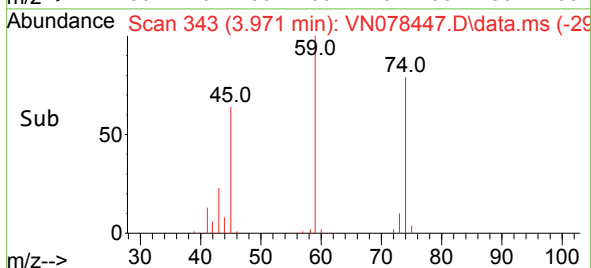
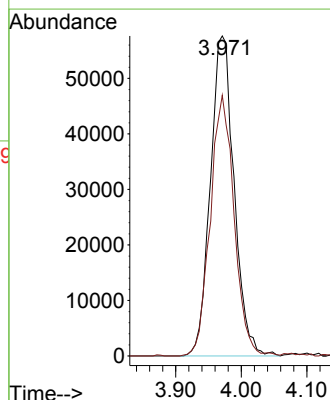
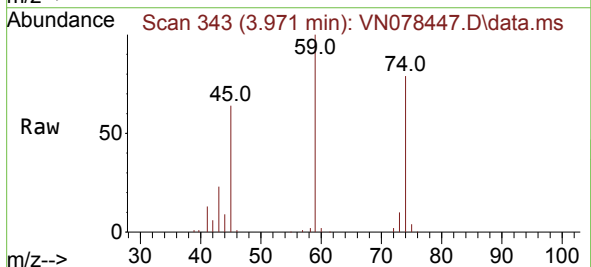
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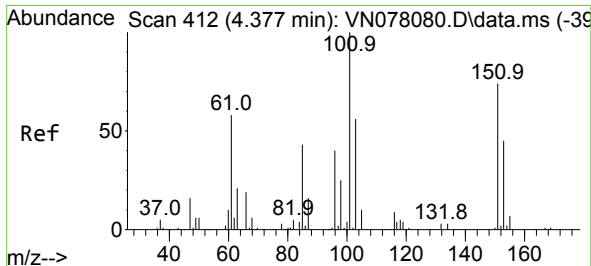
Tgt Ion:101 Resp: 395502
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 49.223 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078447.D
 Acq: 28 Jun 2023 17:31

Tgt Ion: 74 Resp: 145022
 Ion Ratio Lower Upper
 74 100
 45 81.7 34.4 103.3

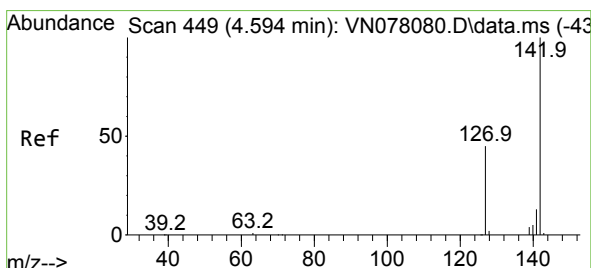
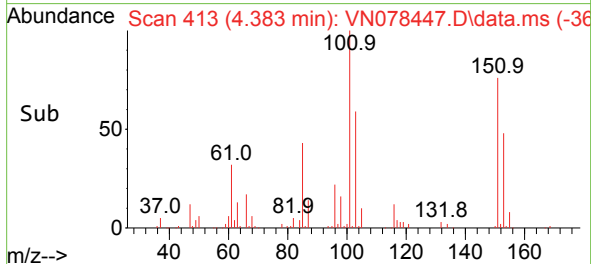
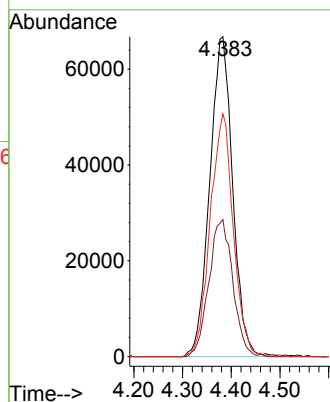
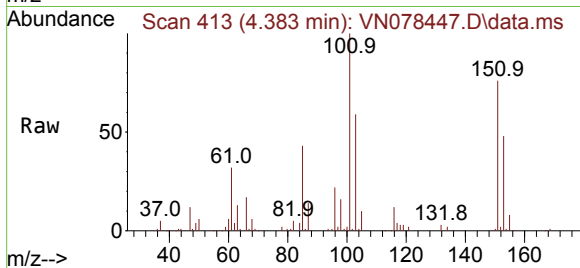




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.372 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078447.D
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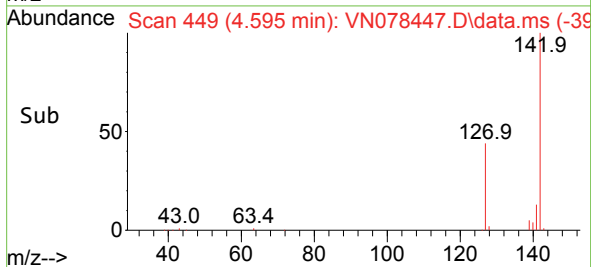
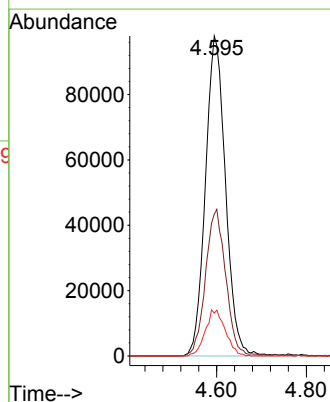
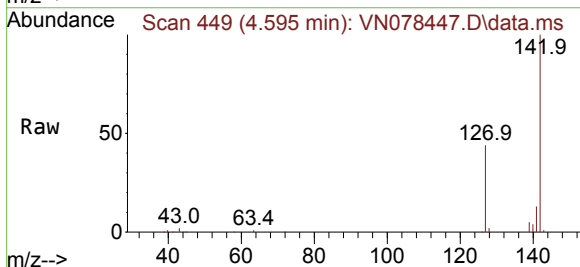
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

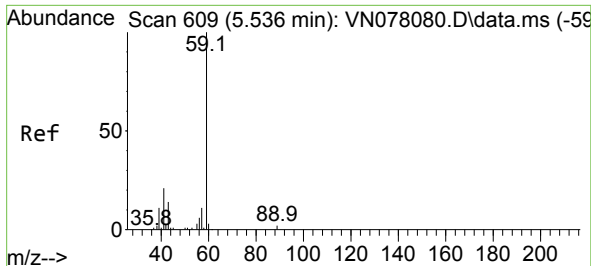
Tgt Ion:101 Resp: 218479
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 76.3 57.6 86.4



#10
Methyl Iodide
Concen: 48.657 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion:142 Resp: 304502
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 13.4 11.4 17.0

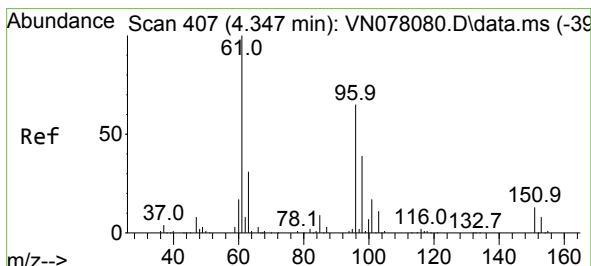
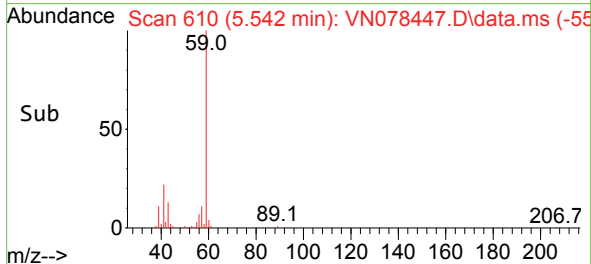
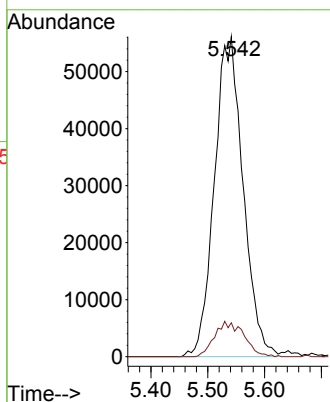
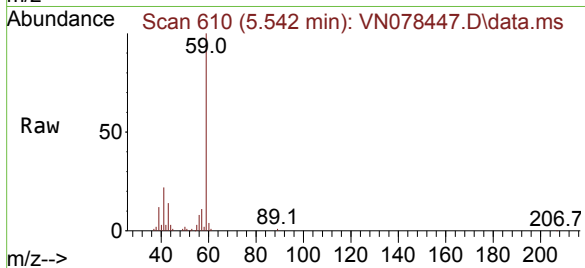




#11
Tert butyl alcohol
Concen: 255.319 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

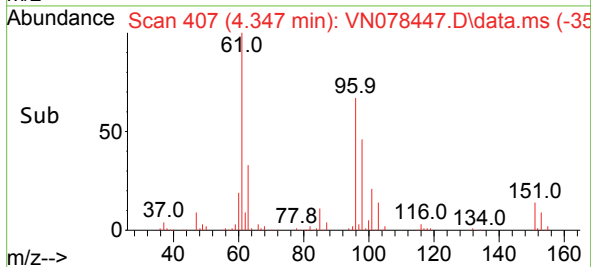
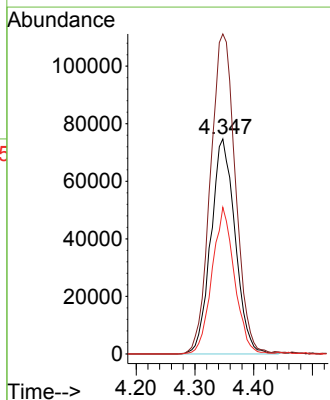
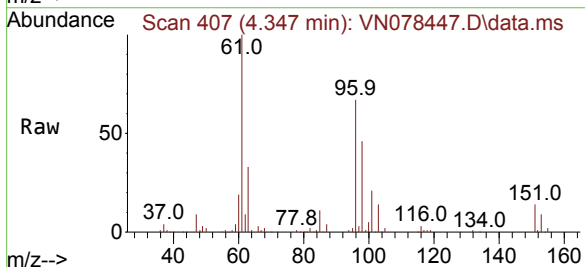
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

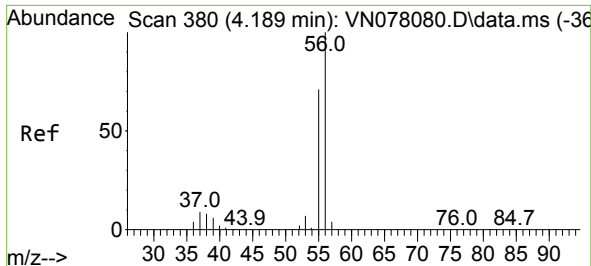
Tgt Ion: 59 Resp: 196354
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.908 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 96 Resp: 213978
Ion Ratio Lower Upper
96 100
61 148.8 112.7 169.1
98 68.1 51.2 76.8

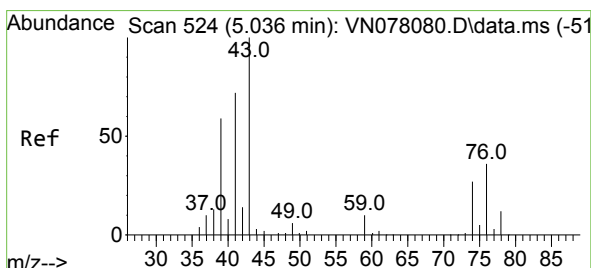
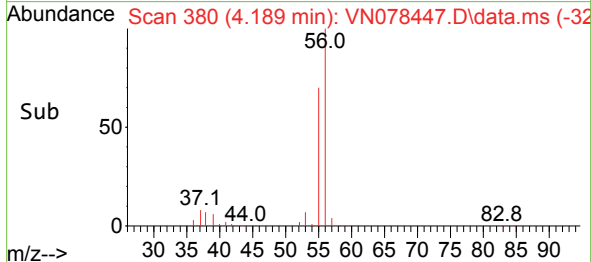
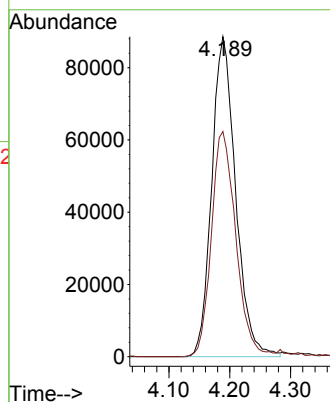
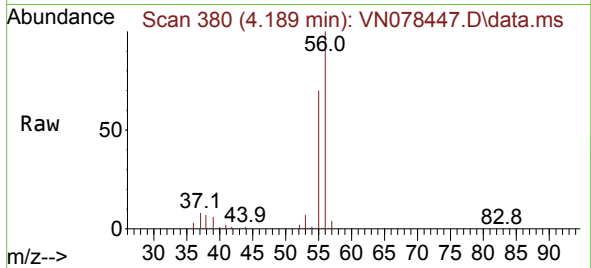




#13
Acrolein
Concen: 285.290 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

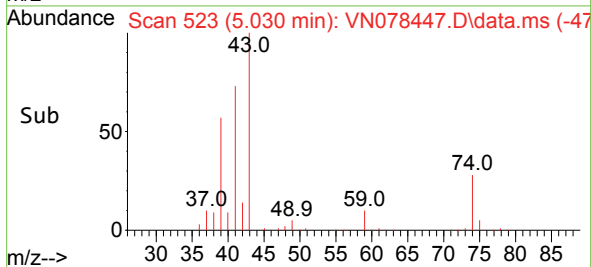
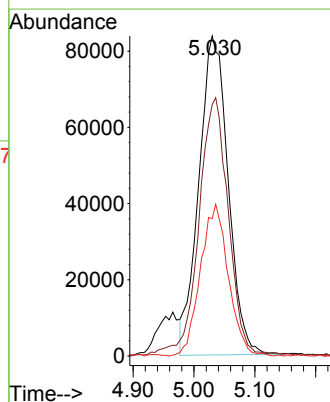
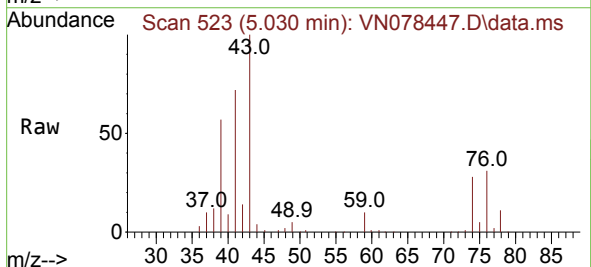
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

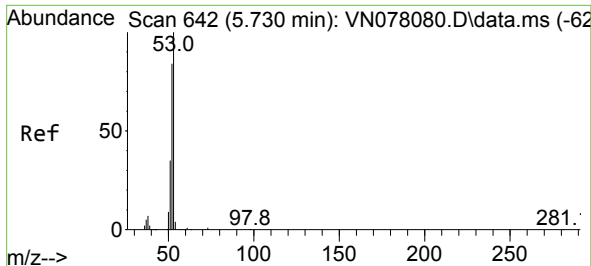
Tgt Ion: 56 Resp: 241811
Ion Ratio Lower Upper
56 100
55 71.8 54.5 81.7



#14
Allyl chloride
Concen: 50.200 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 41 Resp: 279534
Ion Ratio Lower Upper
41 100
39 82.5 58.8 88.2
76 45.4 39.1 58.7

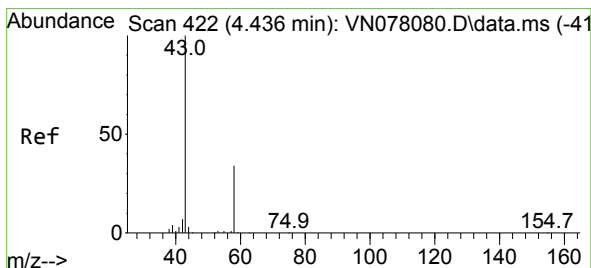
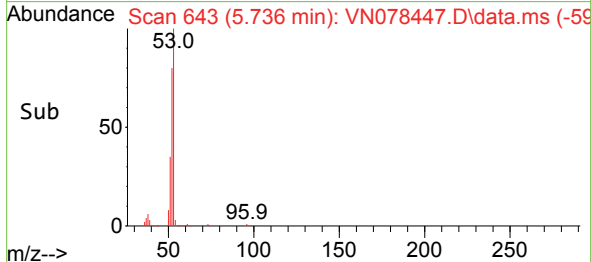
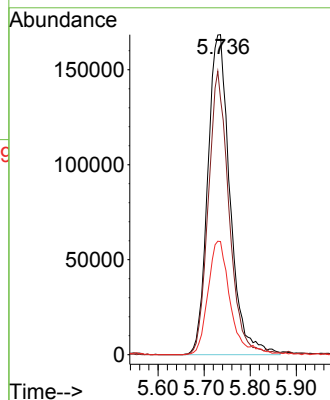
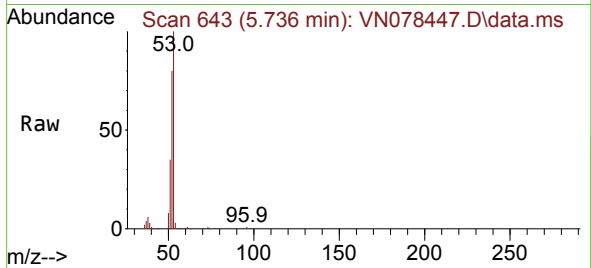




#15
Acrylonitrile
Concen: 285.138 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

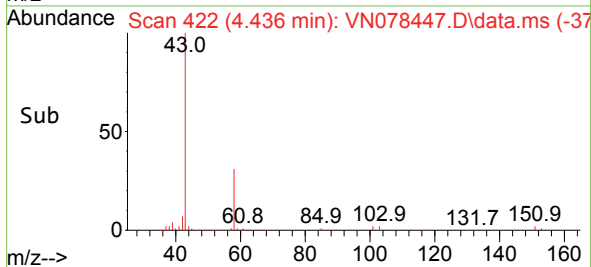
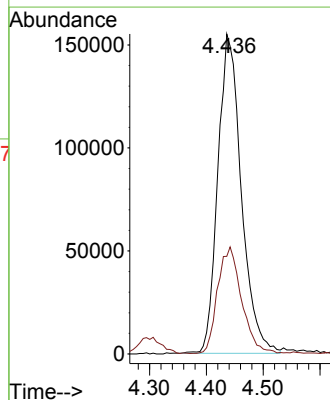
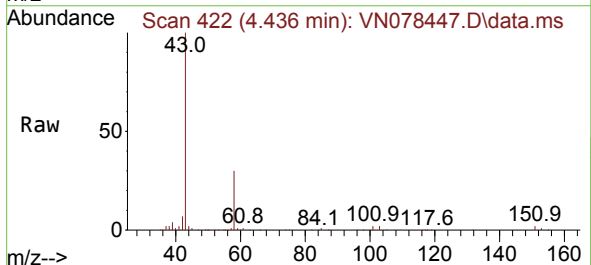
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

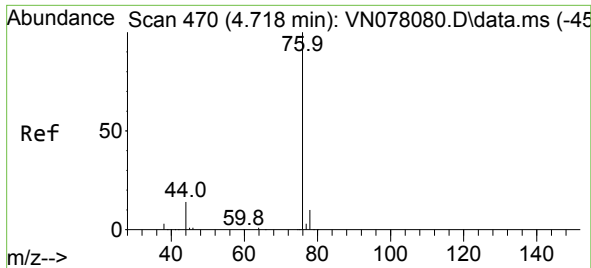
Tgt Ion: 53 Resp: 565356
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 35.9 28.9 43.3



#16
Acetone
Concen: 278.192 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 43 Resp: 445985
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0

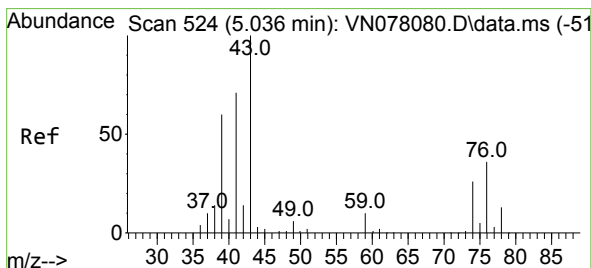
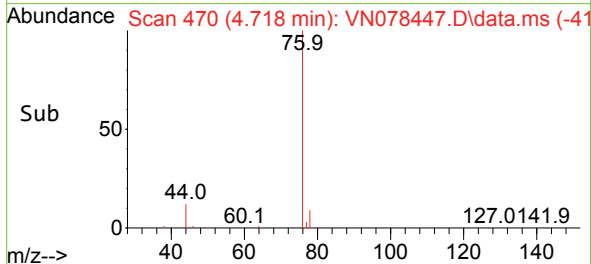
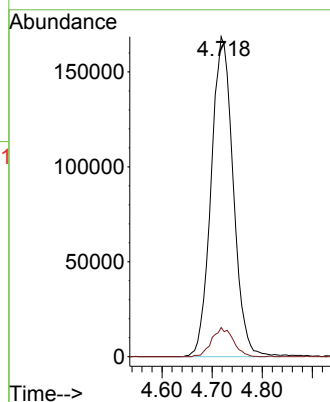
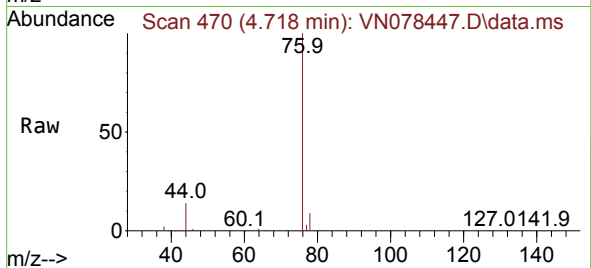




#17
Carbon Disulfide
Concen: 43.955 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

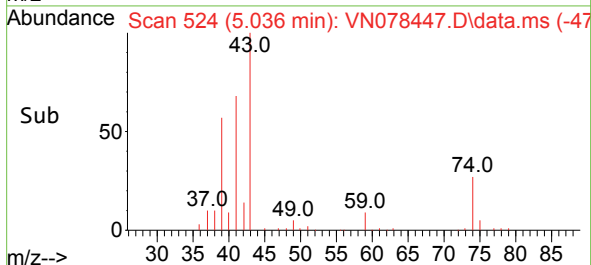
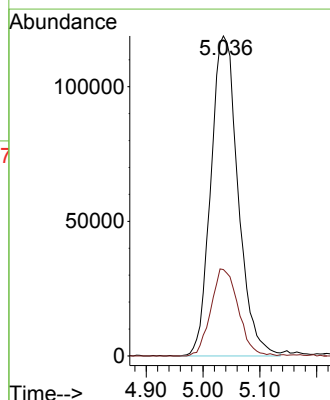
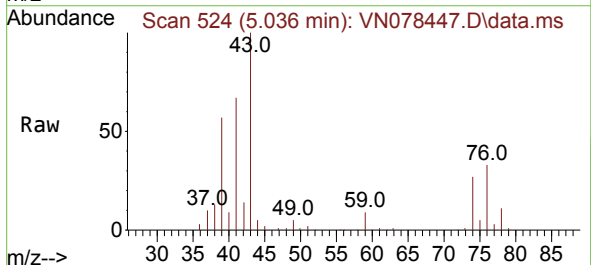
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

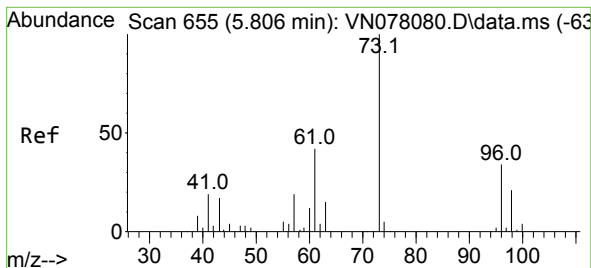
Tgt Ion: 76 Resp: 516090
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 53.586 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 43 Resp: 395512
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 51.612 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

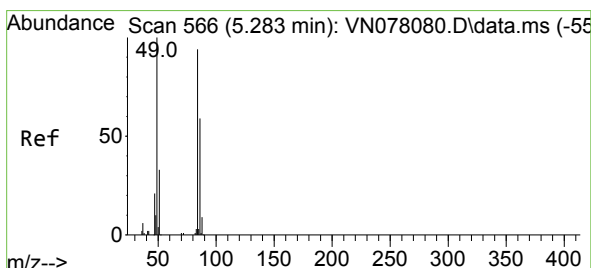
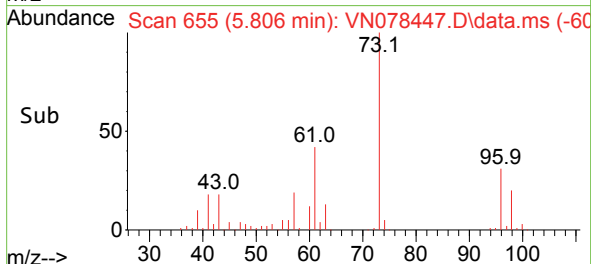
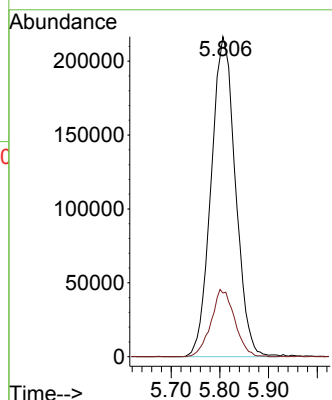
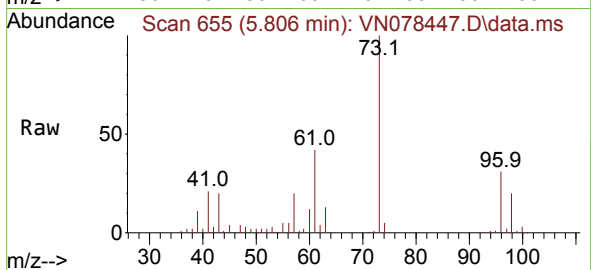
VSTDCCC050EC

Tgt Ion: 73 Resp: 751177

Ion Ratio Lower Upper

73 100

57 19.9 15.6 23.4



#20

Methylene Chloride

Concen: 48.680 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Tgt Ion: 84 Resp: 257892

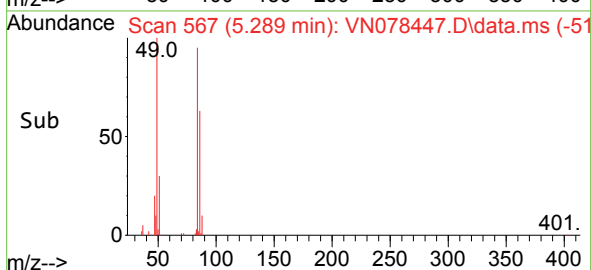
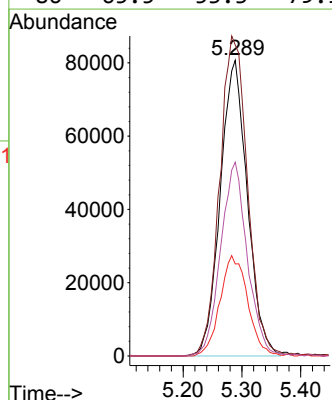
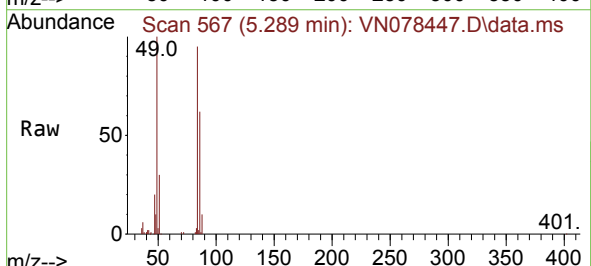
Ion Ratio Lower Upper

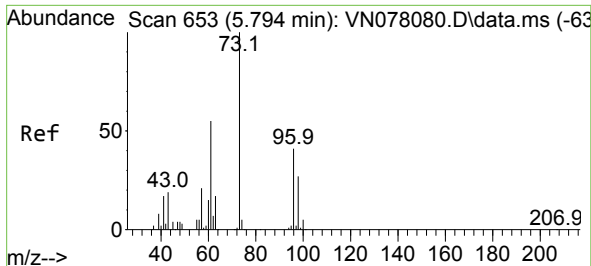
84 100

49 105.2 79.7 119.5

51 31.1 25.2 37.8

86 65.5 53.3 79.9

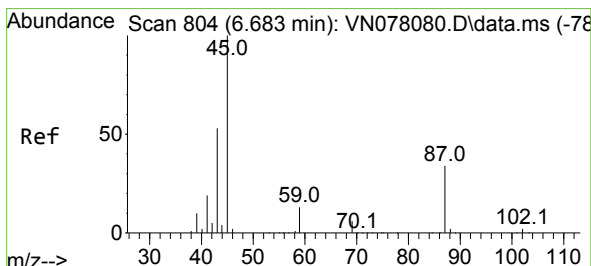
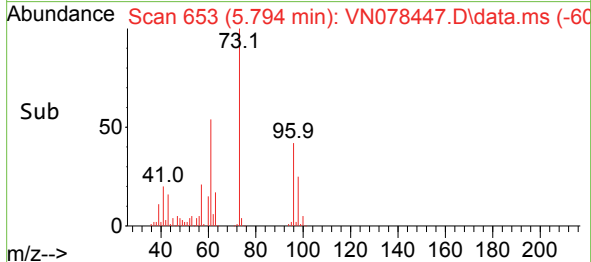
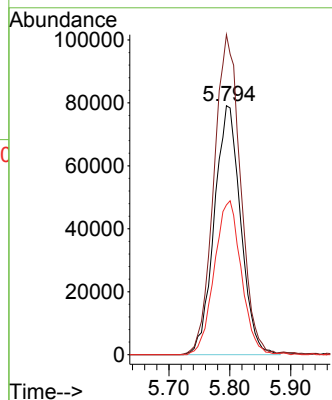
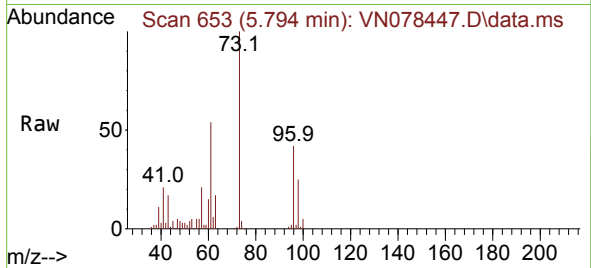




#21
trans-1,2-Dichloroethene
Concen: 48.321 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

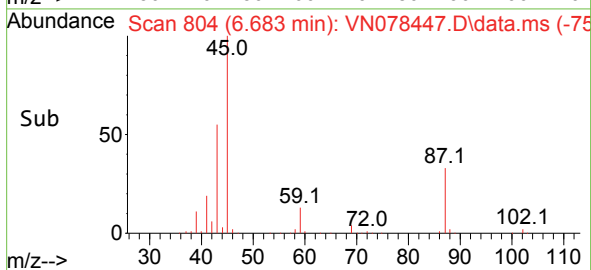
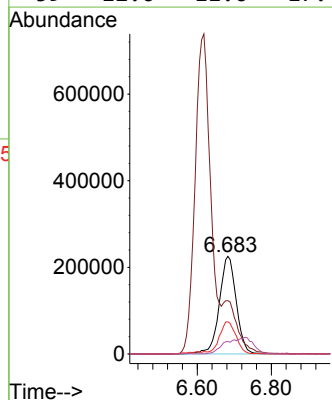
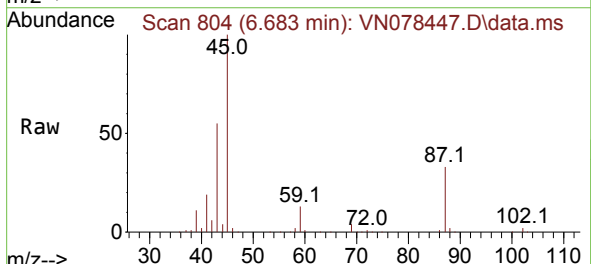
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 237741
Ion Ratio Lower Upper
96 100
61 128.5 90.1 135.1
98 60.1 46.4 69.6



#22
Diisopropyl ether
Concen: 54.488 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 45 Resp: 713695
Ion Ratio Lower Upper
45 100
43 54.1 45.5 68.3
87 33.0 31.8 47.8
59 12.6 11.6 17.4

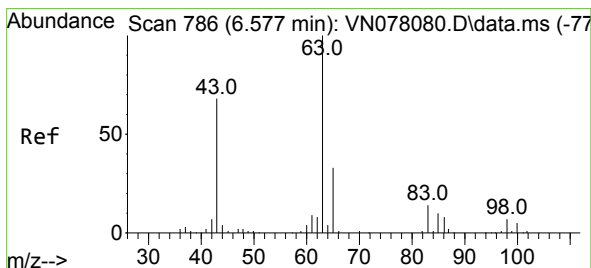
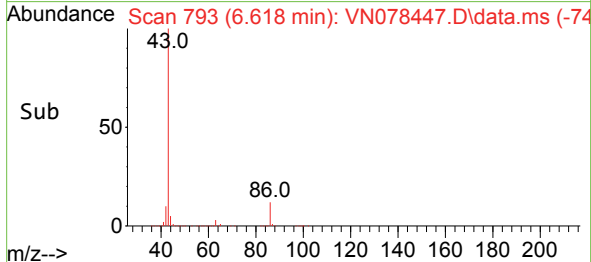
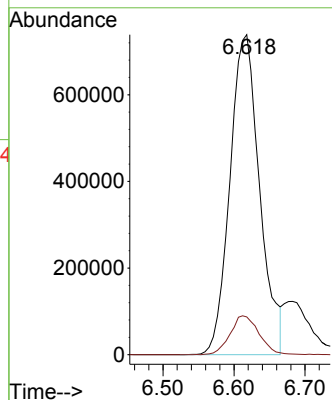
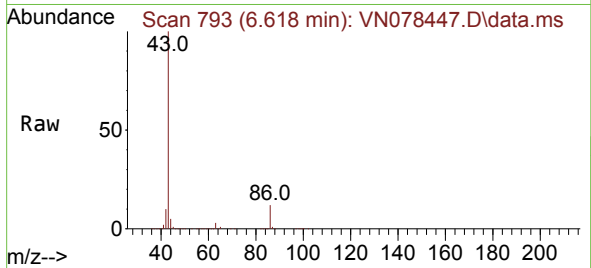




#23
 Vinyl Acetate
 Concen: 276.540 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.006 min
 Lab File: VN078447.D
 Acq: 28 Jun 2023 17:31

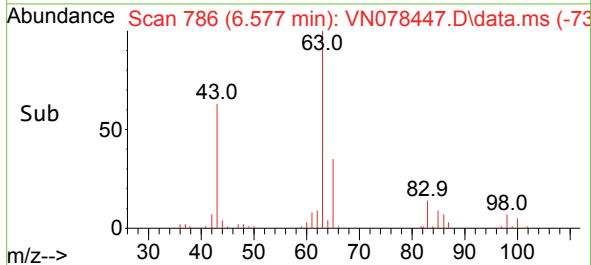
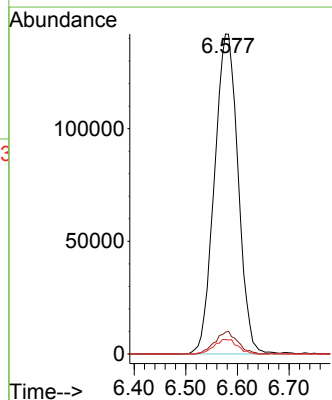
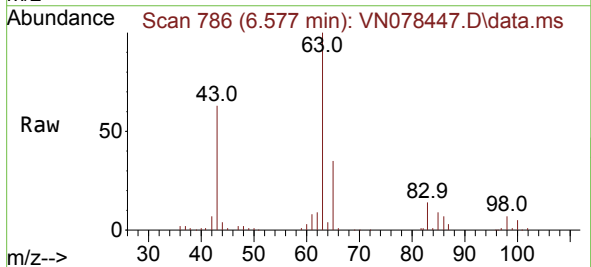
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

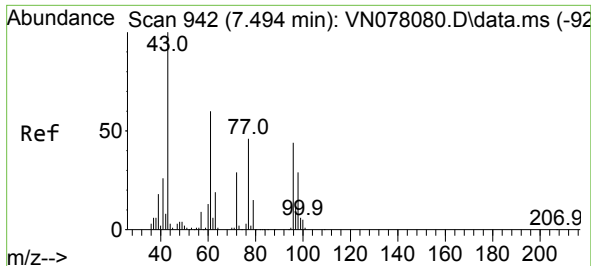
Tgt Ion: 43 Resp: 2153179
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 52.217 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078447.D
 Acq: 28 Jun 2023 17:31

Tgt Ion: 63 Resp: 451189
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.5 2.5 7.4

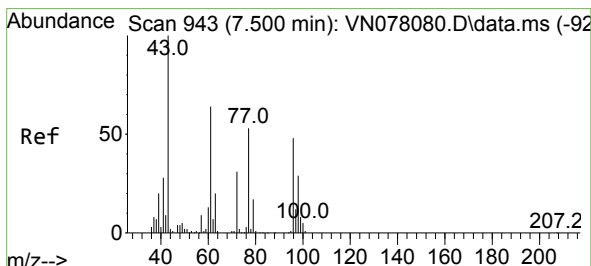
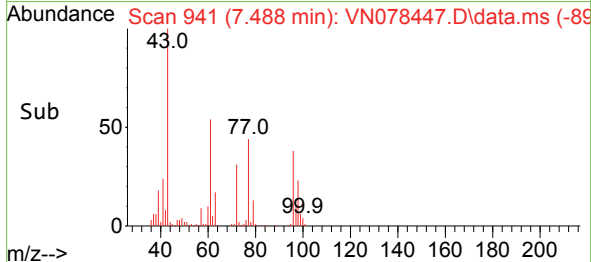
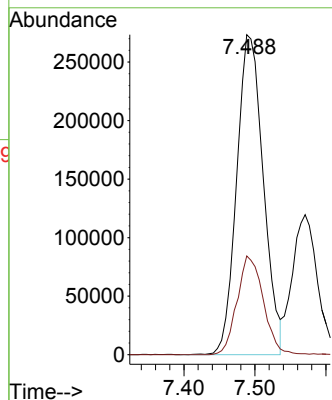
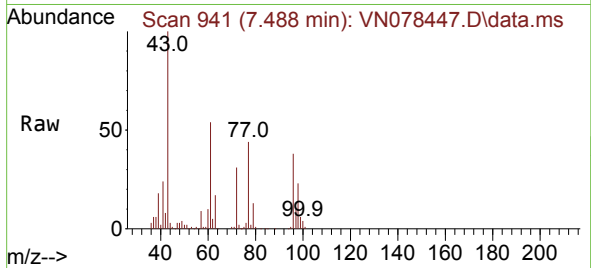




#25
2-Butanone
Concen: 289.538 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

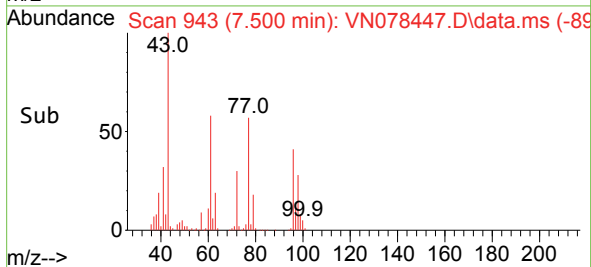
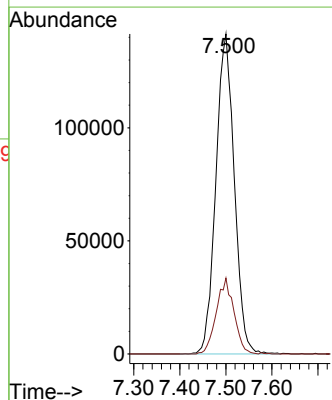
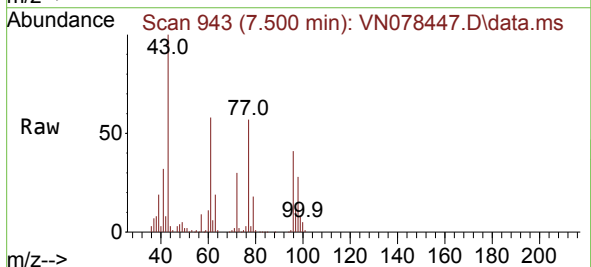
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

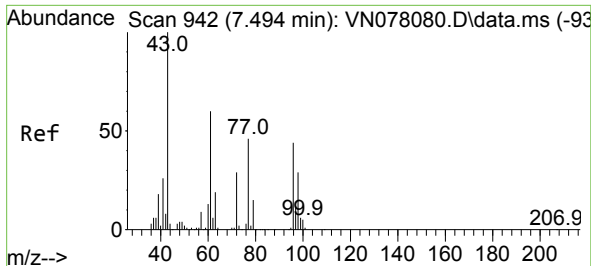
Tgt Ion: 43 Resp: 713800
Ion Ratio Lower Upper
43 100
72 30.8 30.2 45.2



#26
2,2-Dichloropropane
Concen: 61.463 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 77 Resp: 392131
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 49.719 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

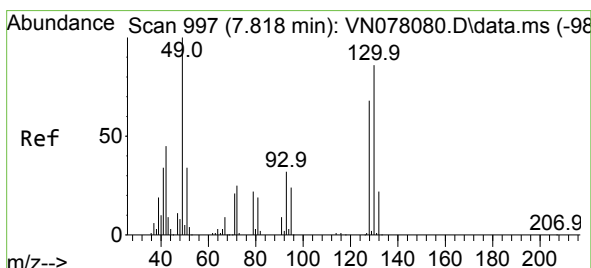
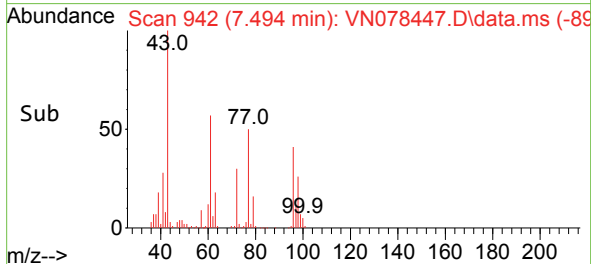
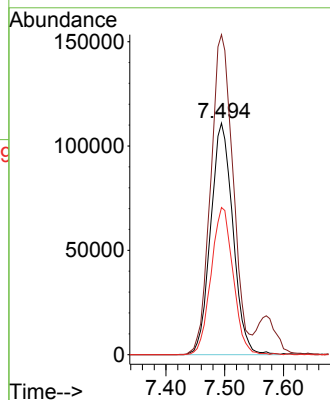
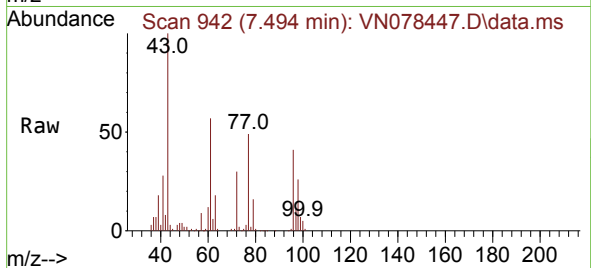
Tgt Ion: 96 Resp: 291784

Ion Ratio Lower Upper

96 100

61 139.4 0.0 255.2

98 63.0 0.0 128.8



#28

Bromochloromethane

Concen: 52.339 ug/l

RT: 7.818 min Scan# 997

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

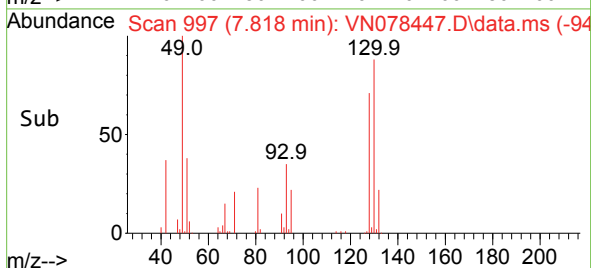
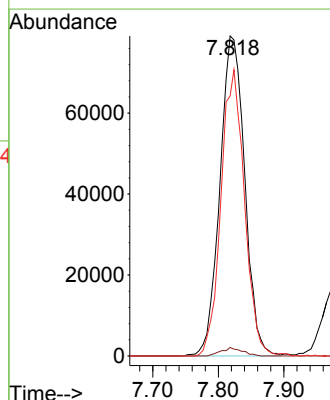
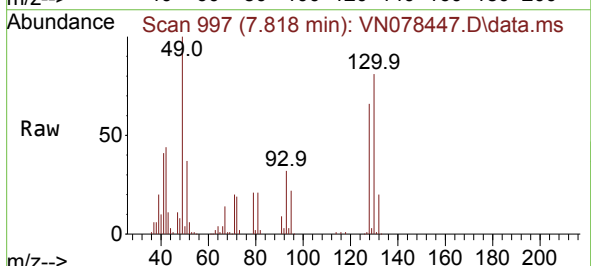
Tgt Ion: 49 Resp: 207640

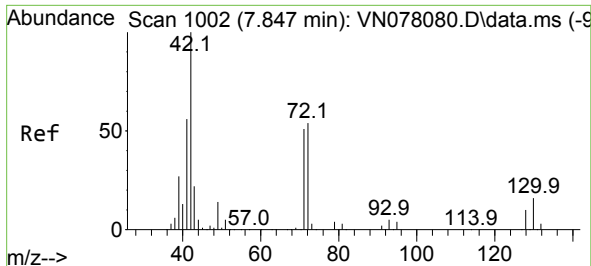
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 84.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 282.205 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

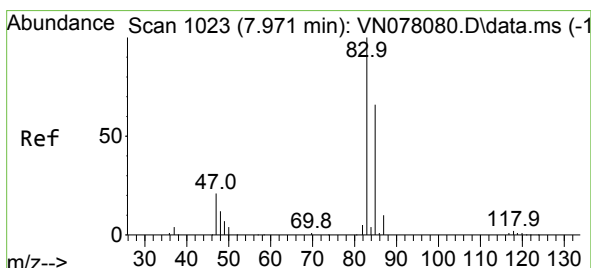
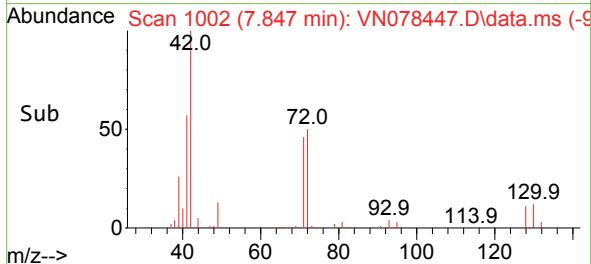
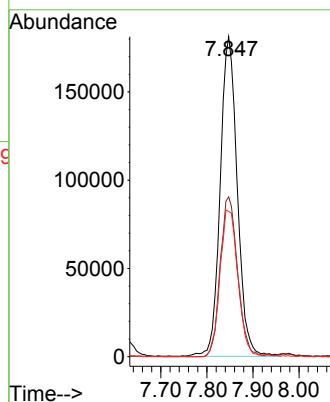
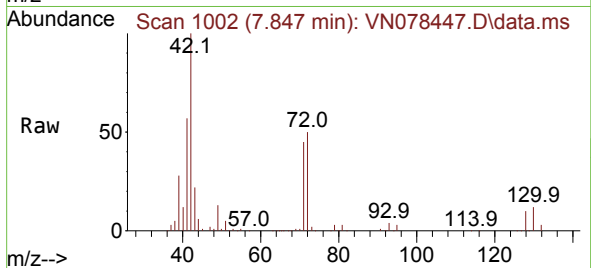
Tgt Ion: 42 Resp: 465094

Ion Ratio Lower Upper

42 100

72 50.7 49.8 74.6

71 48.5 47.4 71.2



#30

Chloroform

Concen: 53.357 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078447.D

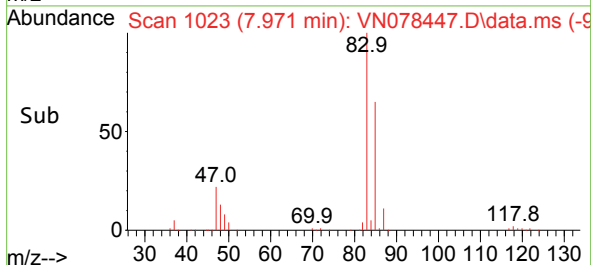
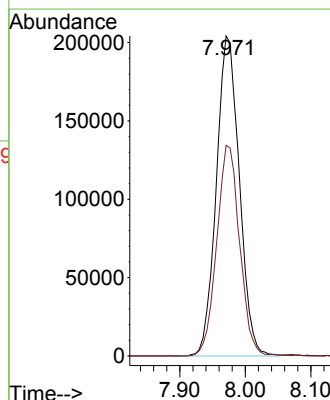
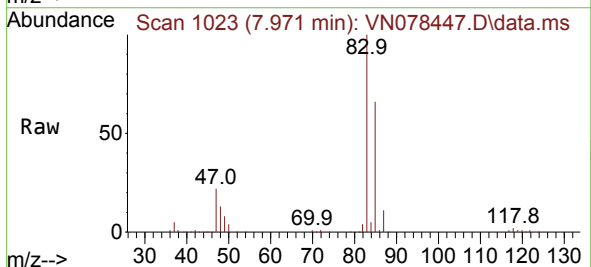
Acq: 28 Jun 2023 17:31

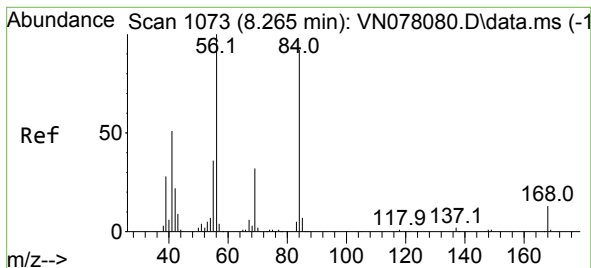
Tgt Ion: 83 Resp: 496455

Ion Ratio Lower Upper

83 100

85 65.9 55.4 83.0





#31

Cyclohexane

Concen: 47.385 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

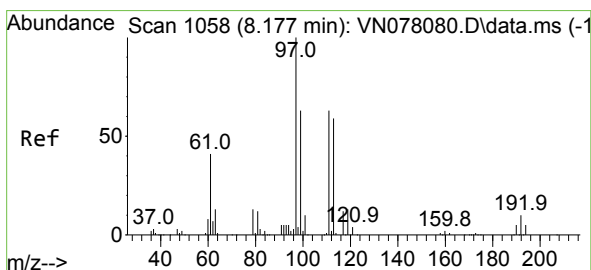
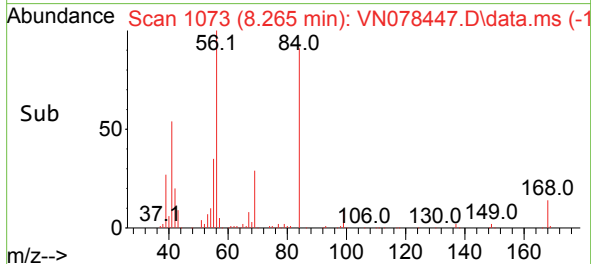
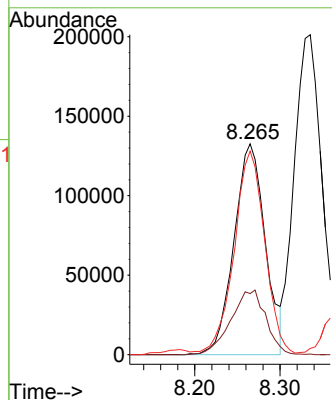
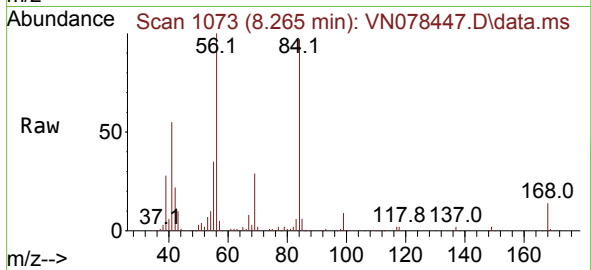
Tgt Ion: 56 Resp: 338546

Ion Ratio Lower Upper

56 100

69 29.0 26.8 40.2

84 93.8 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 53.307 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

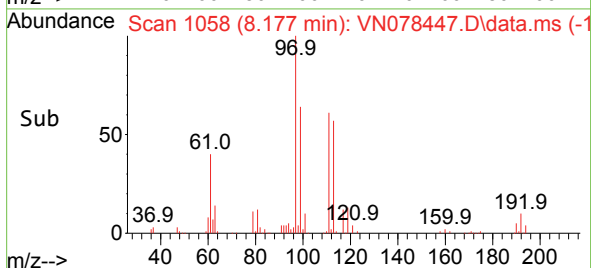
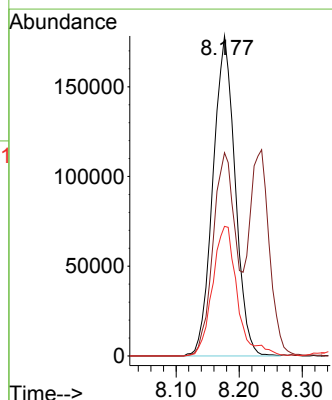
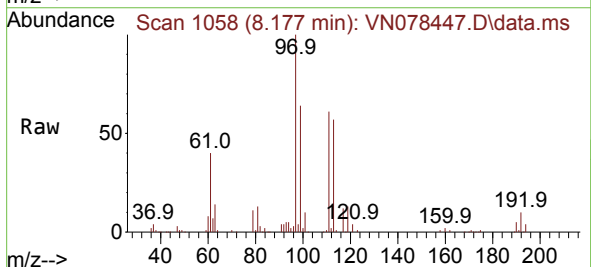
Tgt Ion: 97 Resp: 435443

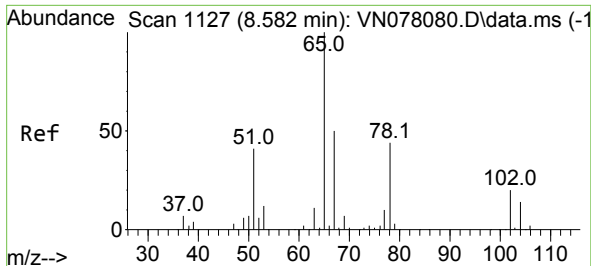
Ion Ratio Lower Upper

97 100

99 65.9 50.3 75.5

61 45.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.672 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

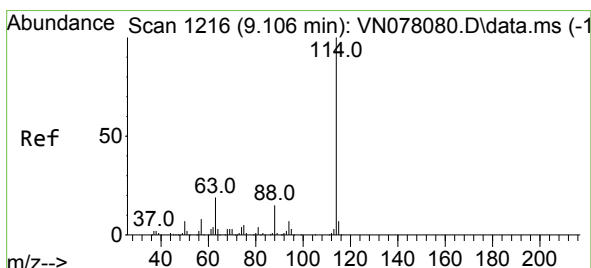
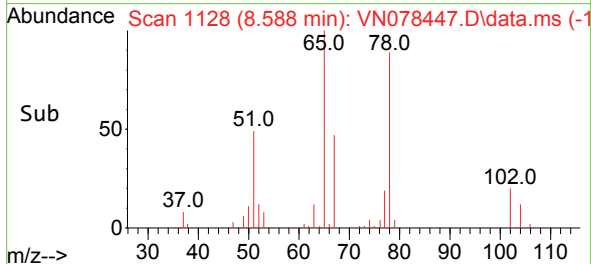
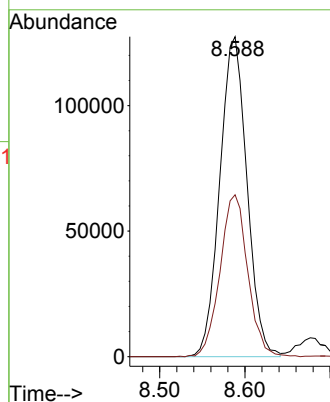
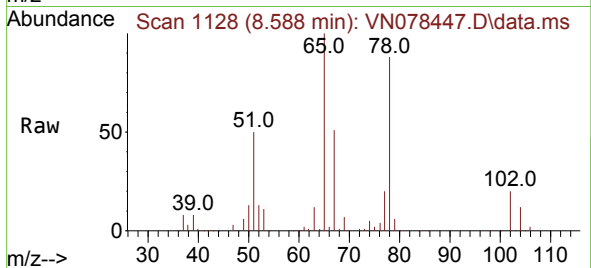
VSTDCCC050EC

Tgt Ion: 65 Resp: 282228

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

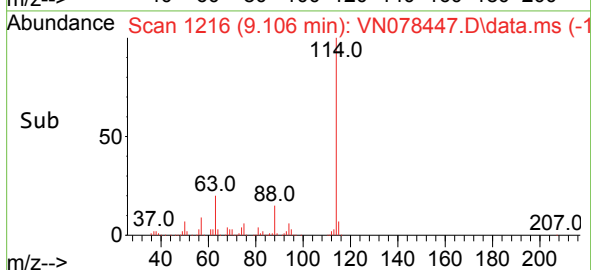
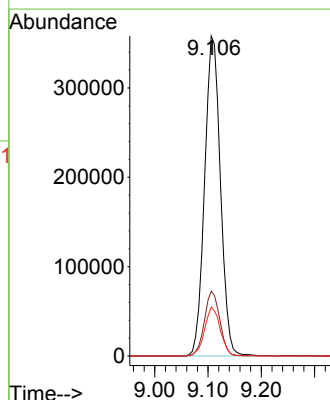
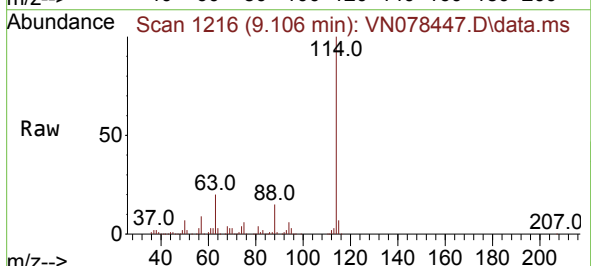
Tgt Ion: 114 Resp: 737964

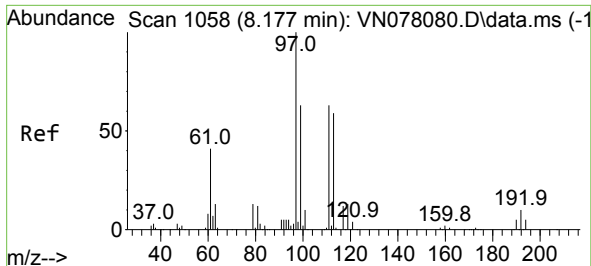
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.4 0.0 30.6

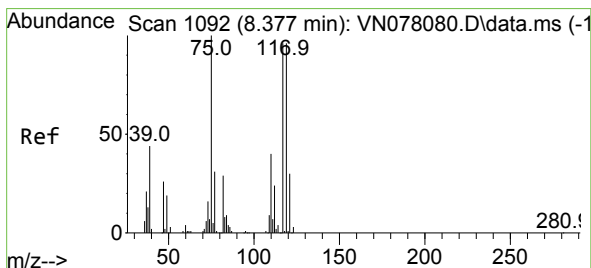
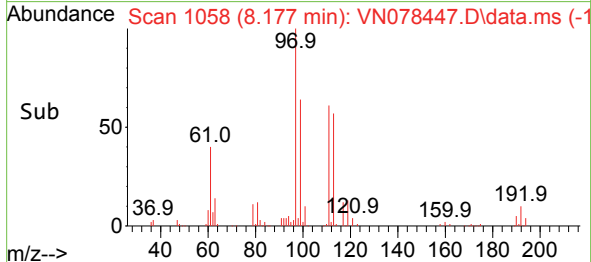
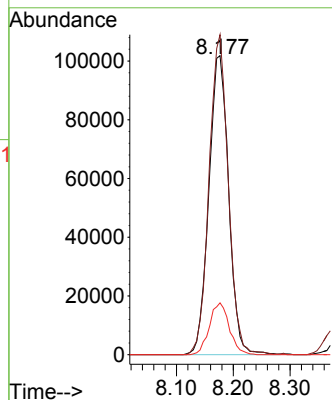
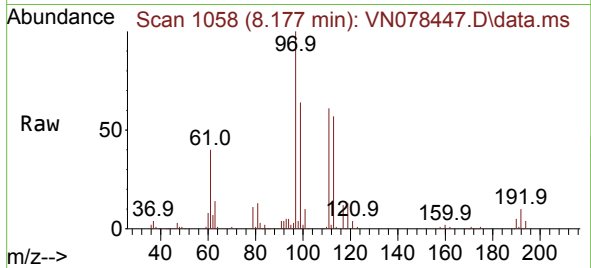




#35
Dibromofluoromethane
Concen: 52.815 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

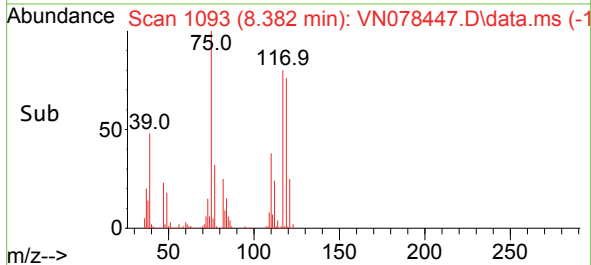
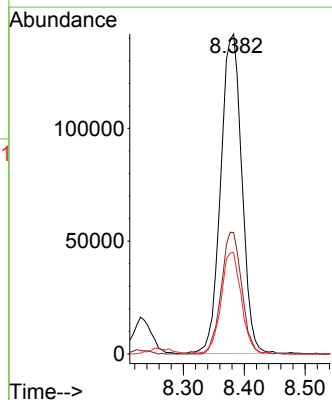
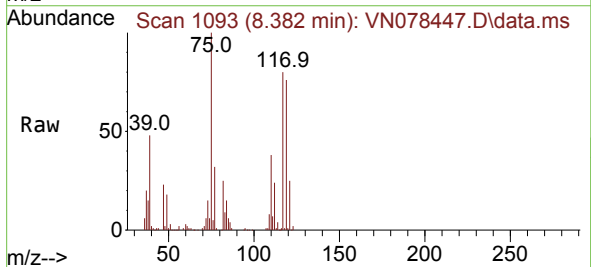
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

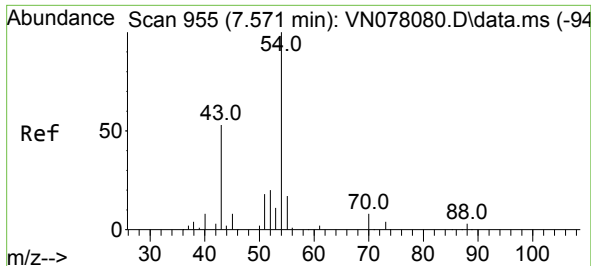
Tgt Ion:113 Resp: 246439
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 17.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 50.967 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 75 Resp: 341114
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.3
77 30.9 25.0 37.4

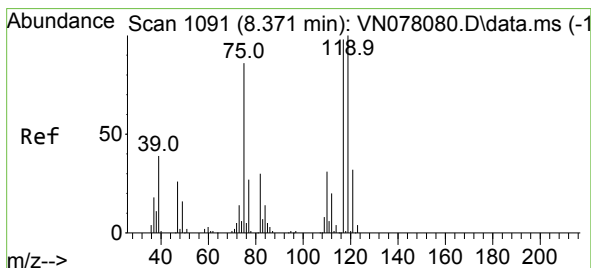
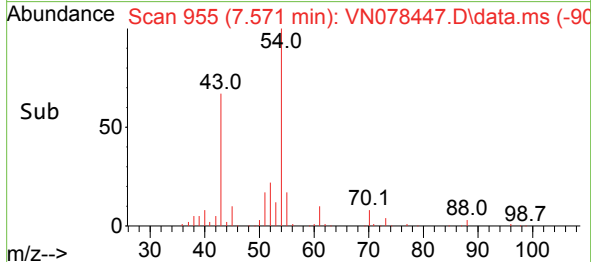
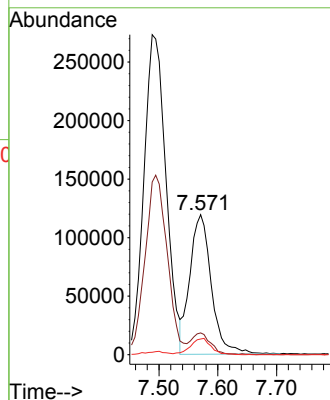
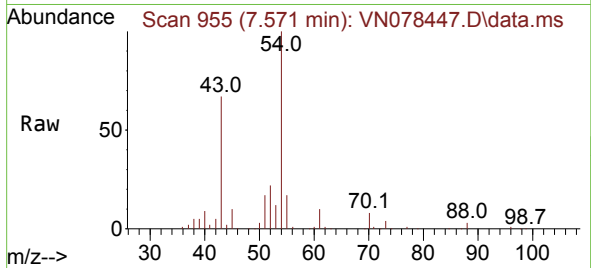




#37
Ethyl Acetate
Concen: 58.149 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

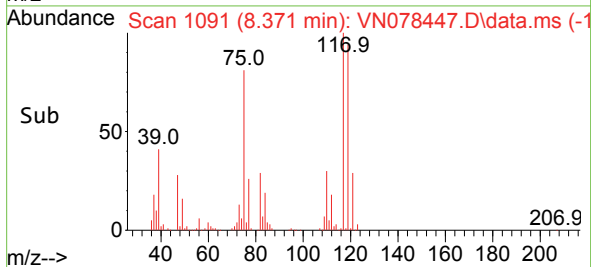
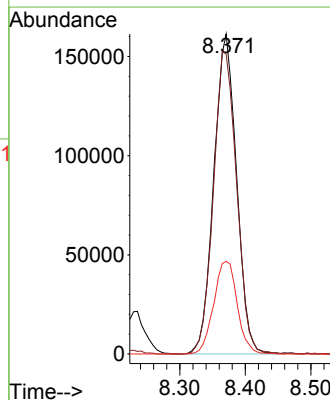
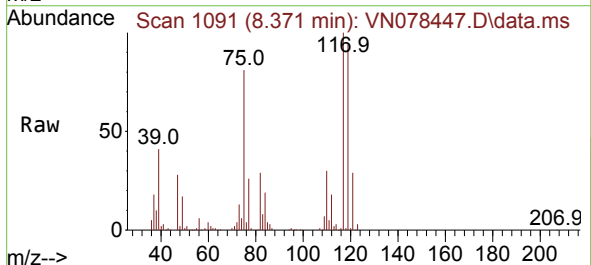
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

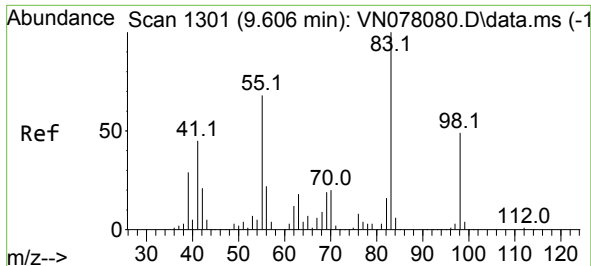
Tgt Ion: 43 Resp: 304029
Ion Ratio Lower Upper
43 100
61 13.3 13.2 19.8
70 11.1 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 54.785 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 117 Resp: 387172
Ion Ratio Lower Upper
117 100
119 93.8 77.3 115.9
121 29.0 23.3 34.9

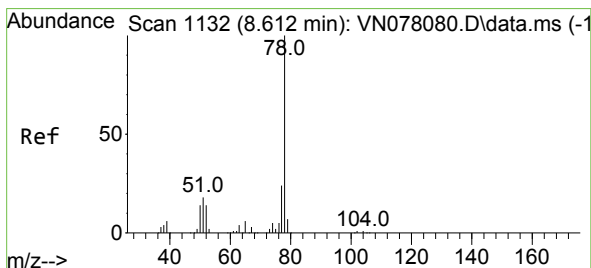
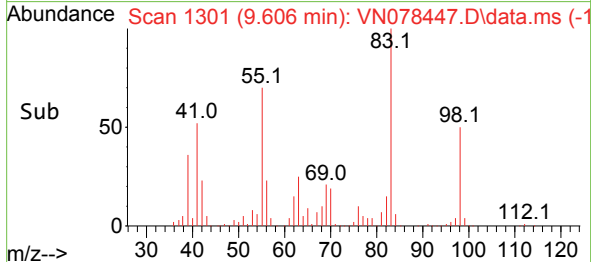
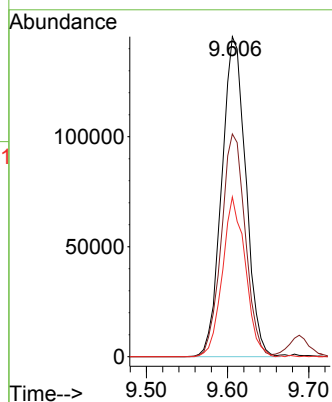
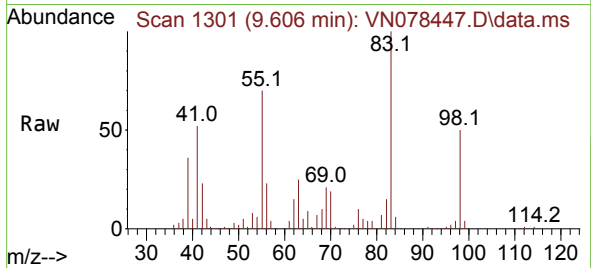




#39
Methylcyclohexane
Concen: 43.179 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

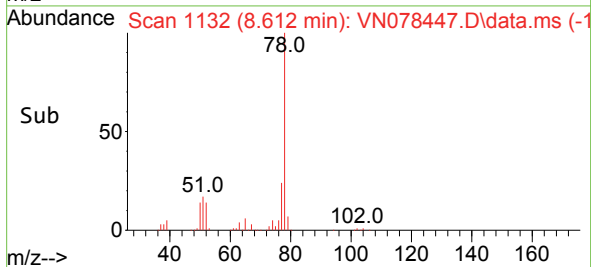
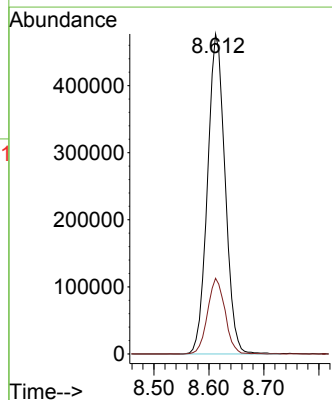
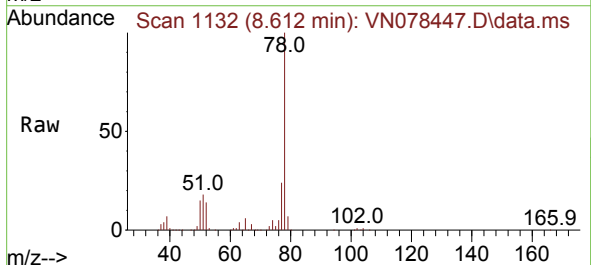
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

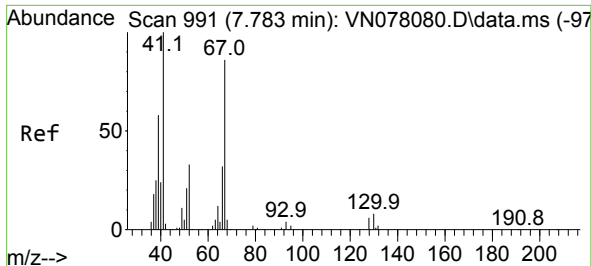
Tgt Ion: 83 Resp: 299491
Ion Ratio Lower Upper
83 100
55 69.6 49.1 73.7
98 49.9 40.6 61.0



#40
Benzene
Concen: 53.036 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 78 Resp: 1059728
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

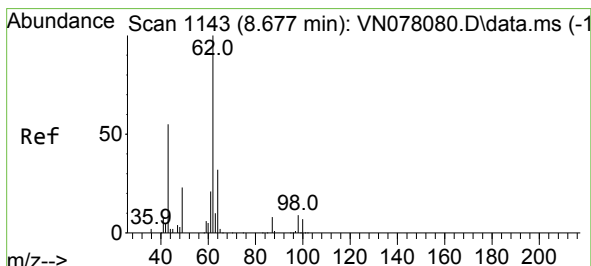
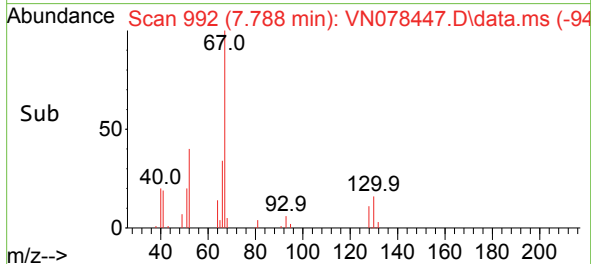
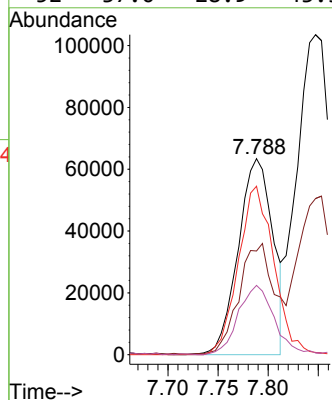
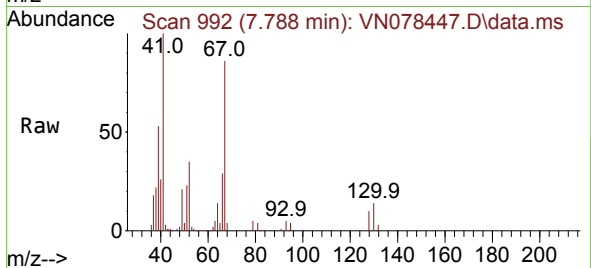




#41
Methacrylonitrile
Concen: 53.827 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

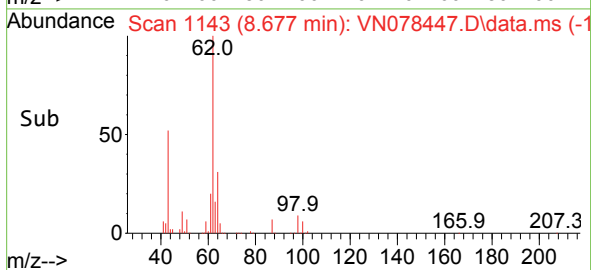
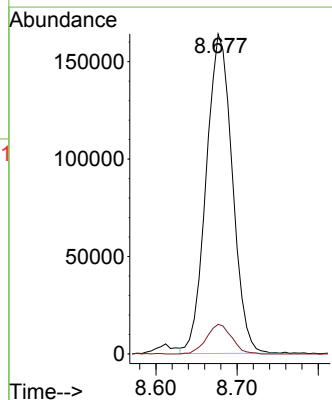
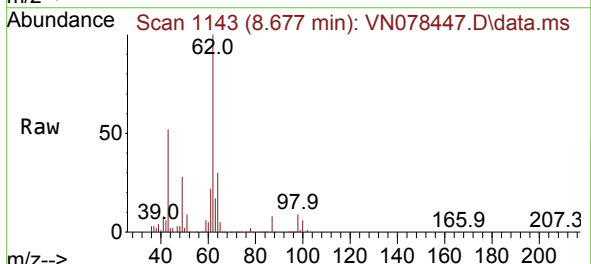
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

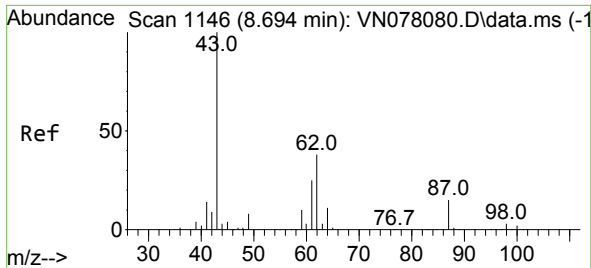
Tgt Ion:	41	Resp:	152546
Ion	Ratio	Lower	Upper
41	100		
39	59.0	42.6	64.0
67	88.0	77.5	116.3
52	37.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 53.563 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion:	62	Resp:	366957
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

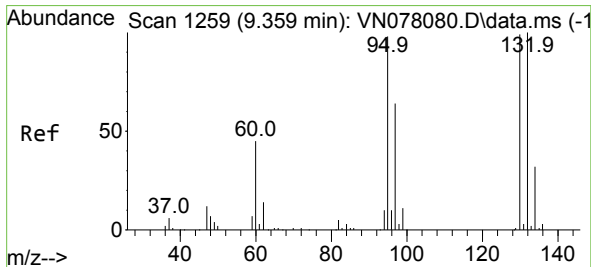
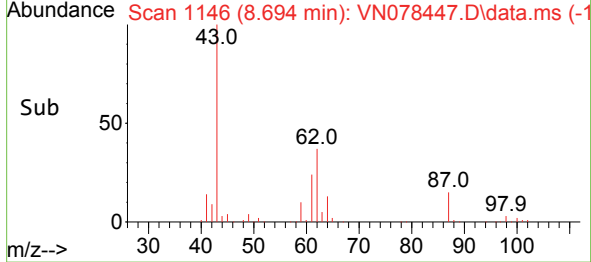
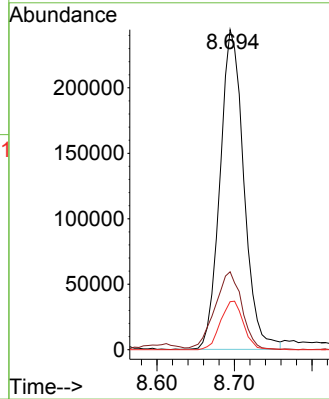
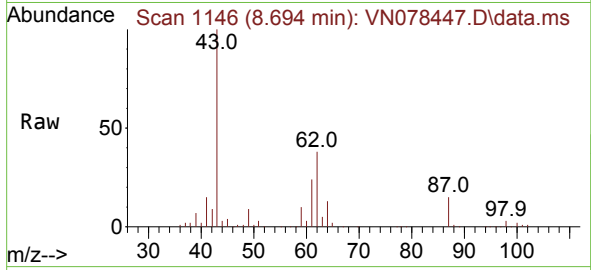




#43
Isopropyl Acetate
Concen: 52.305 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

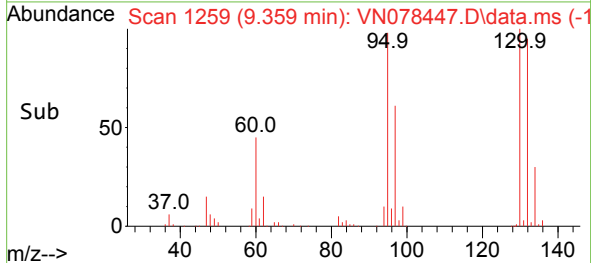
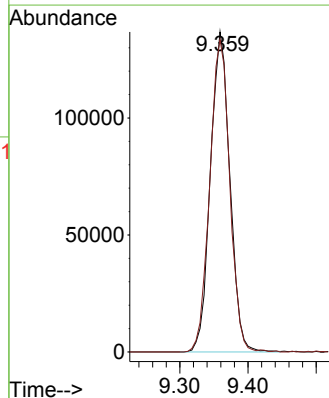
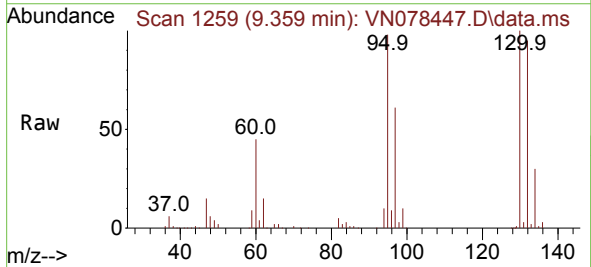
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

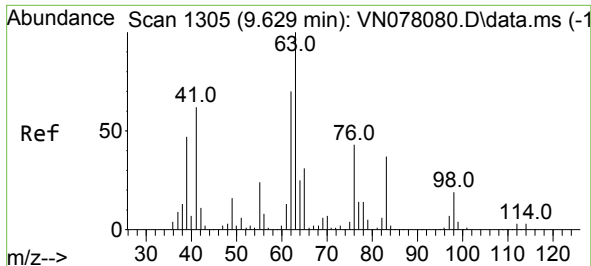
Tgt Ion: 43 Resp: 523014
Ion Ratio Lower Upper
43 100
61 27.5 24.7 37.1
87 14.7 14.6 21.8



#44
Trichloroethene
Concen: 51.535 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion:130 Resp: 271941
Ion Ratio Lower Upper
130 100
95 97.6 0.0 204.6

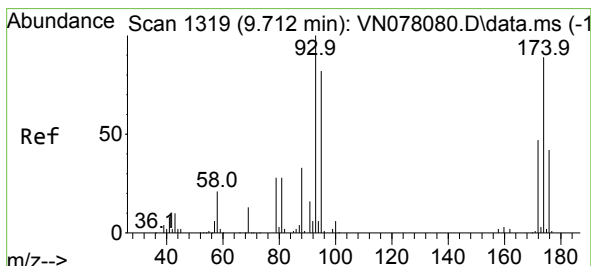
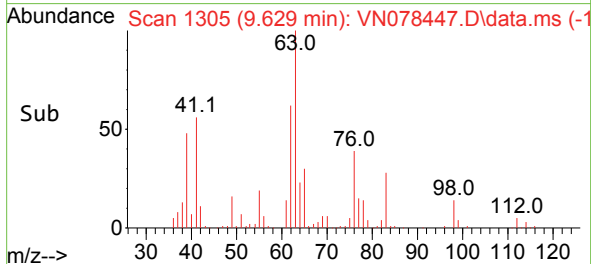
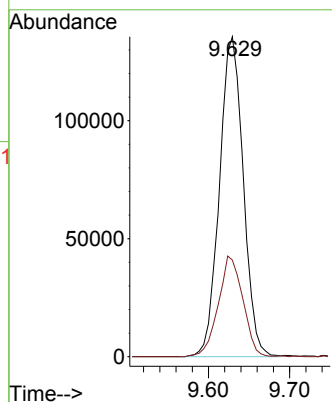
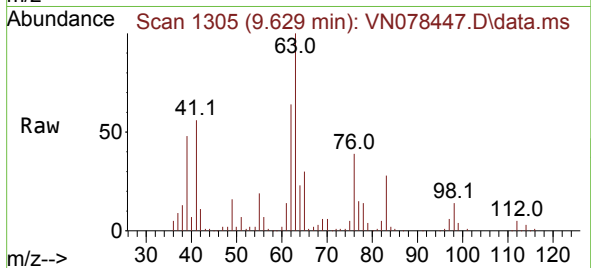




#45
1,2-Dichloropropane
Concen: 55.658 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

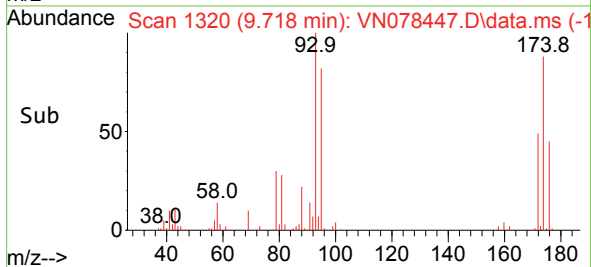
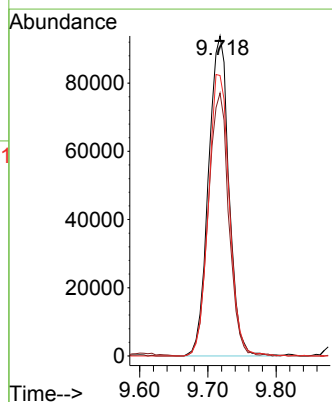
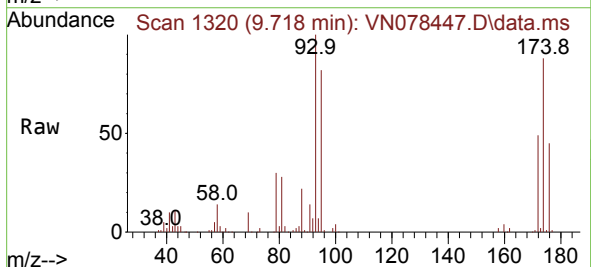
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

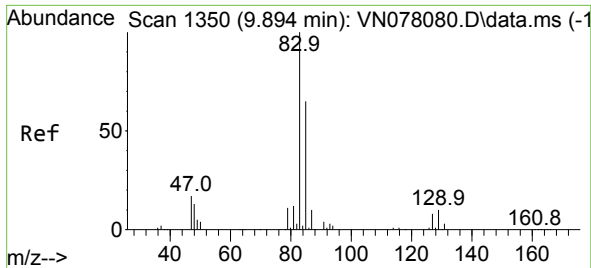
Tgt Ion: 63 Resp: 276693
Ion Ratio Lower Upper
63 100
65 30.2 23.9 35.9



#46
Dibromomethane
Concen: 53.704 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 93 Resp: 196649
Ion Ratio Lower Upper
93 100
95 82.0 63.8 95.8
174 89.6 65.6 98.4

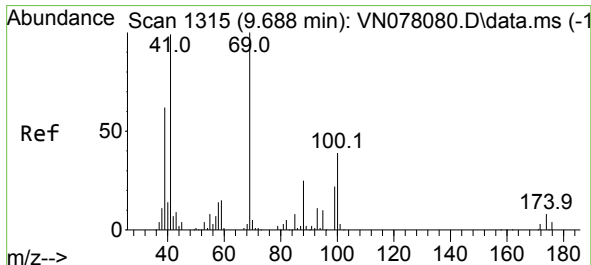
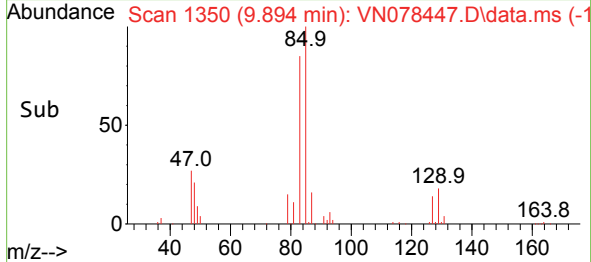
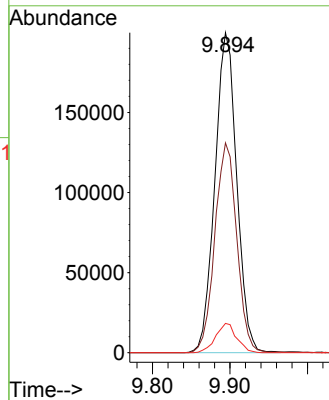
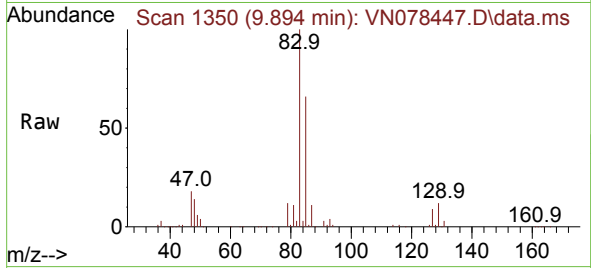




#47
Bromodichloromethane
Concen: 57.554 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

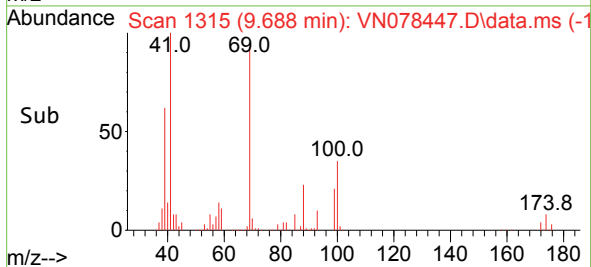
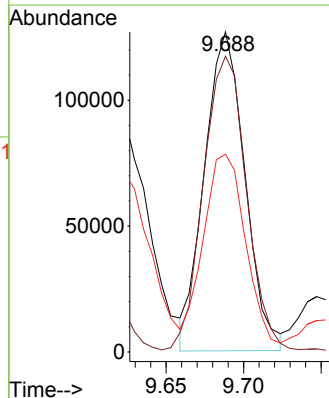
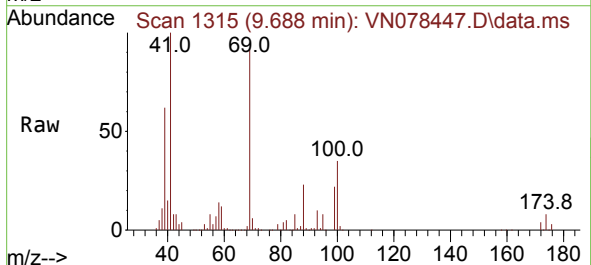
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

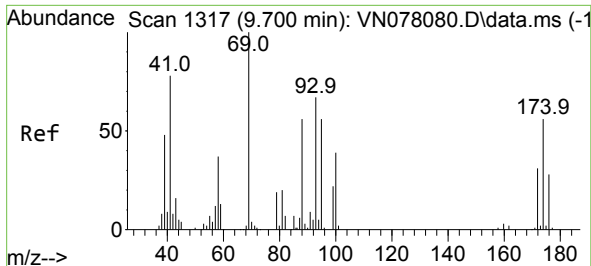
Tgt Ion: 83 Resp: 391464
Ion Ratio Lower Upper
83 100
85 65.6 49.6 74.4
127 9.1 7.0 10.6



#48
Methyl methacrylate
Concen: 54.810 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 41 Resp: 229996
Ion Ratio Lower Upper
41 100
69 100.1 90.4 135.6
39 65.6 54.6 81.8





#49

1,4-Dioxane

Concen: 1105.607 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

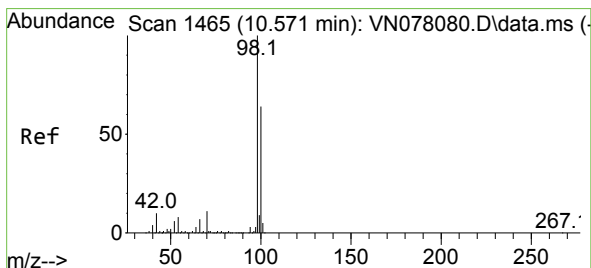
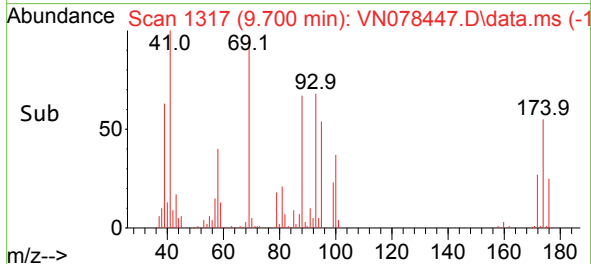
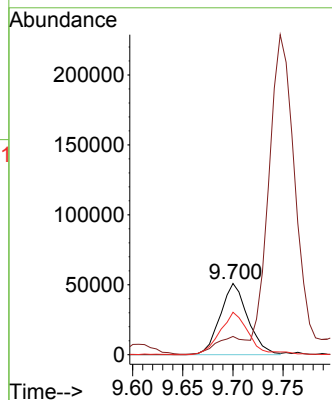
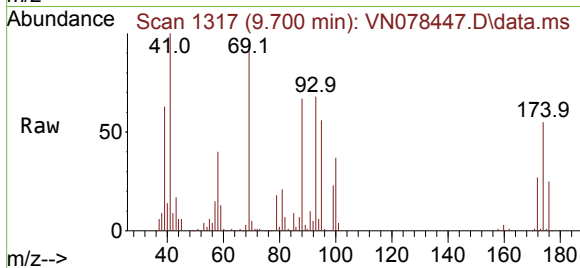
Tgt Ion: 88 Resp: 97510

Ion Ratio Lower Upper

88 100

43 25.1 17.0 25.6

58 62.7 47.0 70.4



#50

Toluene-d8

Concen: 49.507 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078447.D

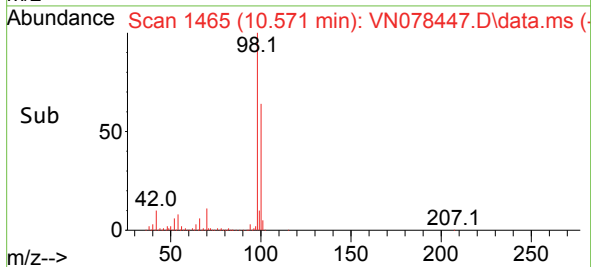
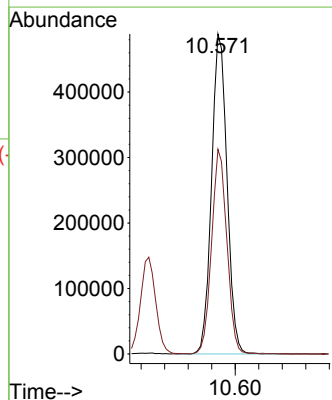
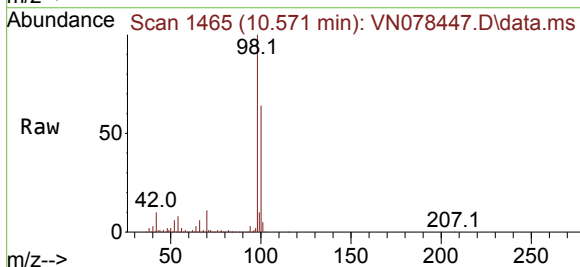
Acq: 28 Jun 2023 17:31

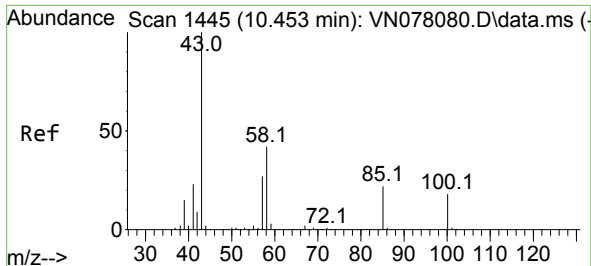
Tgt Ion: 98 Resp: 890532

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

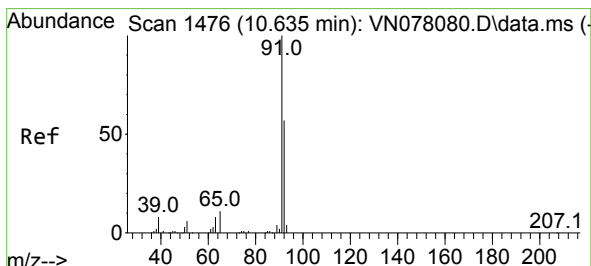
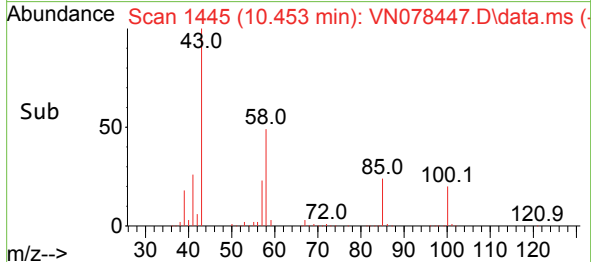
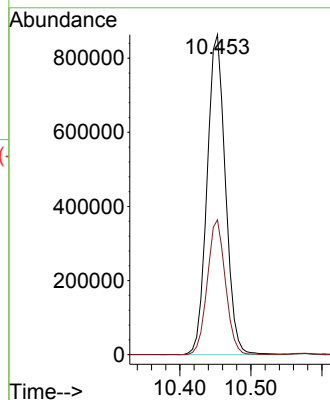
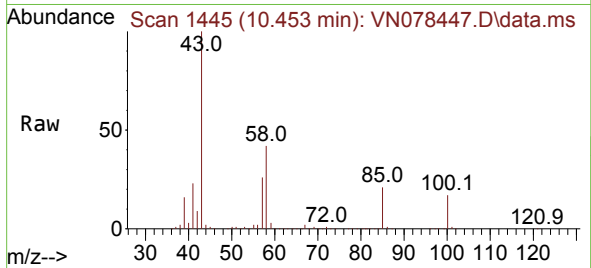




#51
4-Methyl-2-Pentanone
Concen: 294.230 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

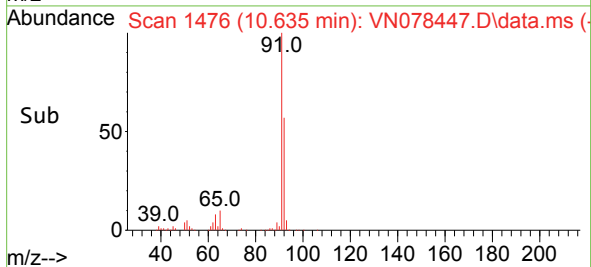
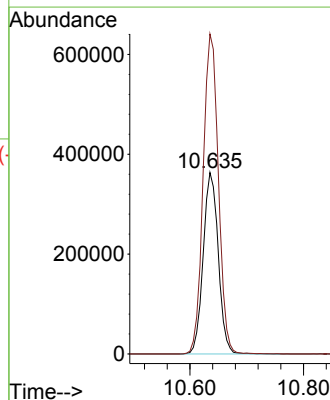
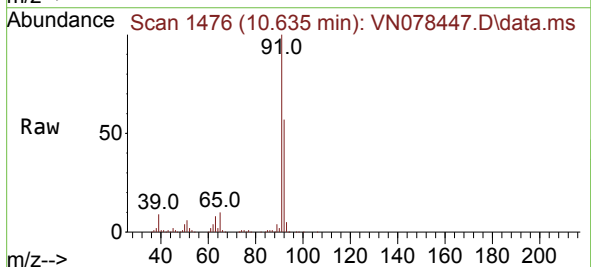
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

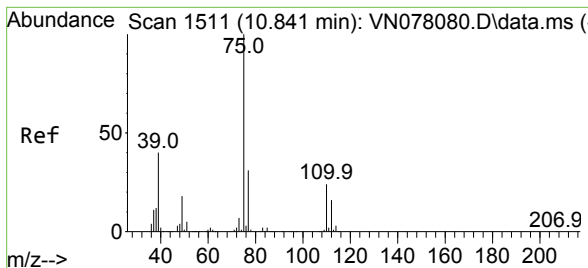
Tgt Ion: 43 Resp: 1549266
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8



#52
Toluene
Concen: 52.854 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 92 Resp: 666777
Ion Ratio Lower Upper
92 100
91 179.2 137.4 206.0

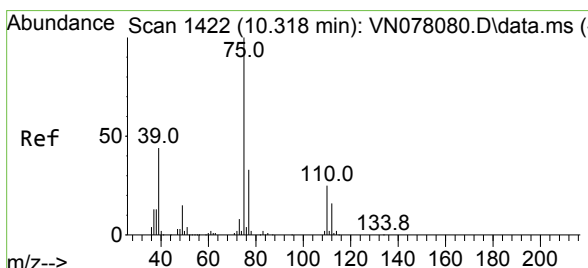
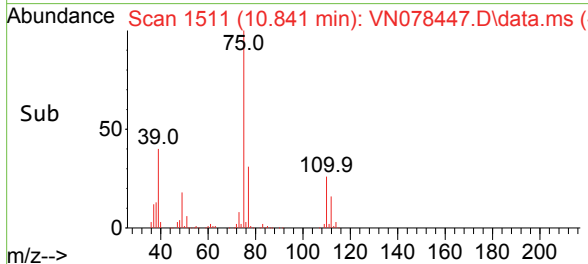
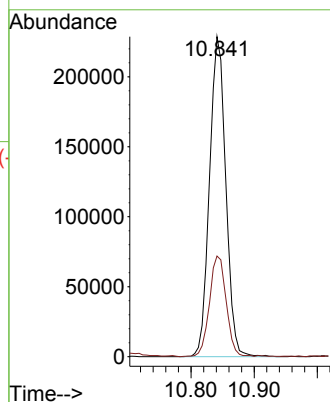
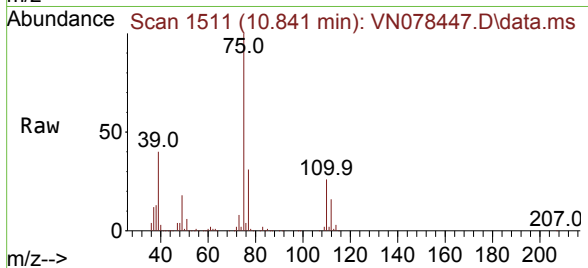




#53
 t-1,3-Dichloropropene
 Concen: 57.770 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078447.D
 Acq: 28 Jun 2023 17:31

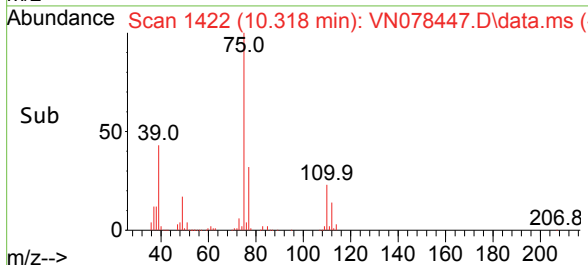
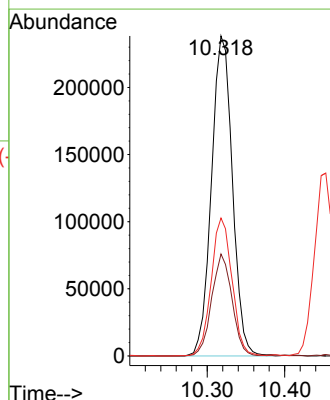
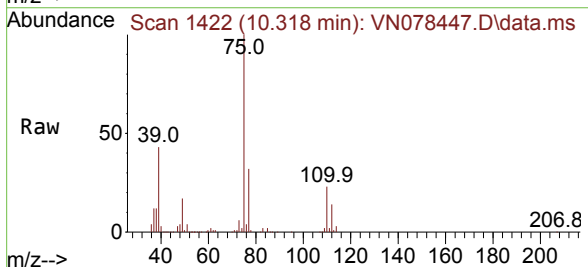
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

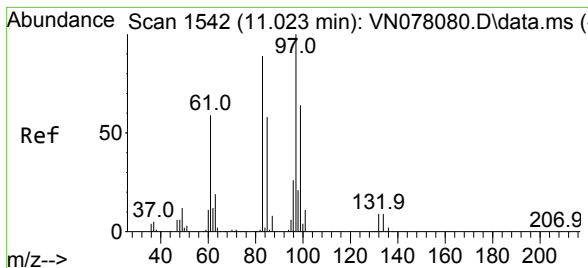
Tgt Ion: 75 Resp: 409225
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 57.172 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078447.D
 Acq: 28 Jun 2023 17:31

Tgt Ion: 75 Resp: 447680
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.1 39.1
 39 43.0 31.6 47.4



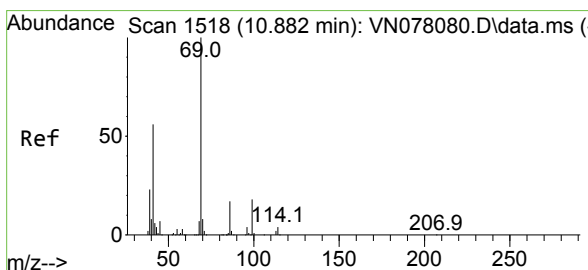
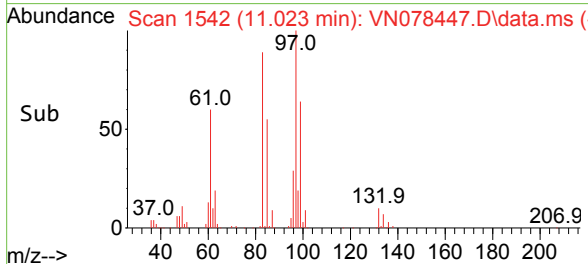
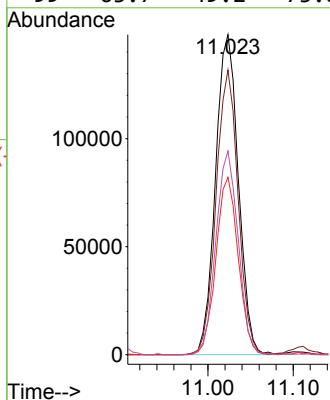
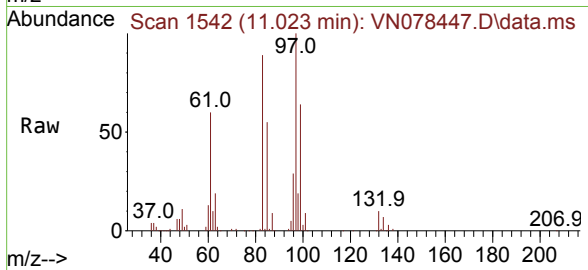


#55
 1,1,2-Trichloroethane
 Concen: 57.984 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN078447.D
 Acq: 28 Jun 2023 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 276718

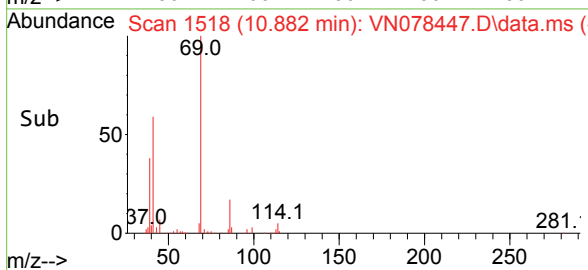
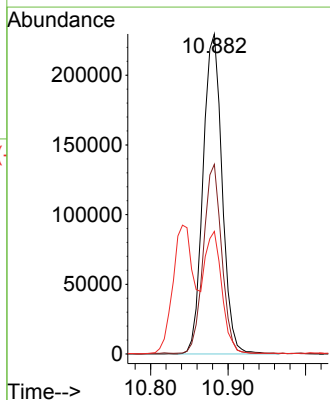
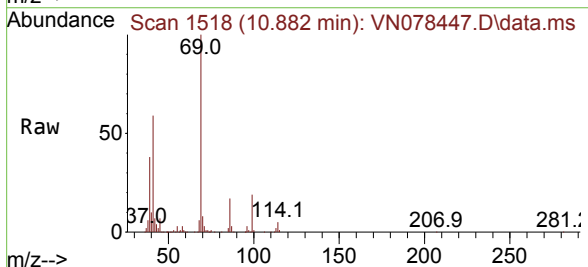
Ion	Ratio	Lower	Upper
97	100		
83	88.9	65.1	97.7
85	55.5	43.4	65.2
99	63.7	49.2	73.8

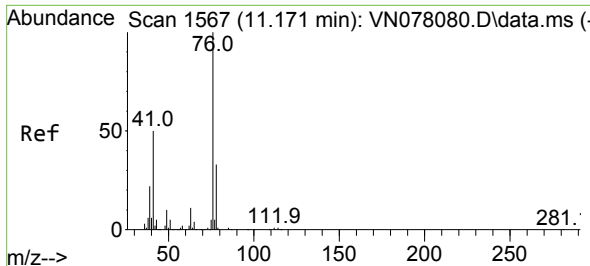


#56
 Ethyl methacrylate
 Concen: 56.480 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. 0.000 min
 Lab File: VN078447.D
 Acq: 28 Jun 2023 17:31

Tgt Ion: 69 Resp: 392475

Ion	Ratio	Lower	Upper
69	100		
41	56.5	39.6	59.4
39	33.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 56.698 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

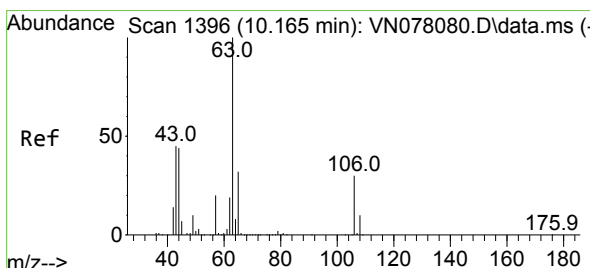
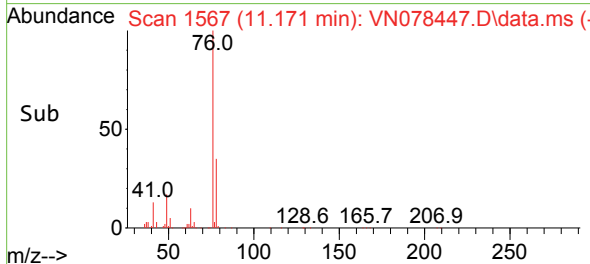
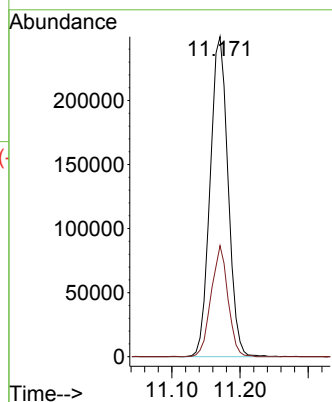
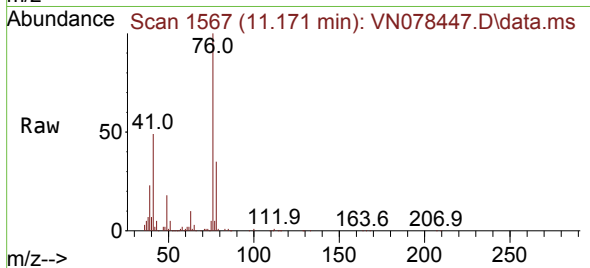
VSTDCCC050EC

Tgt Ion: 76 Resp: 456728

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 264.354 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078447.D

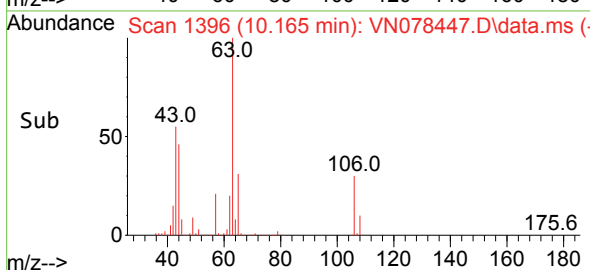
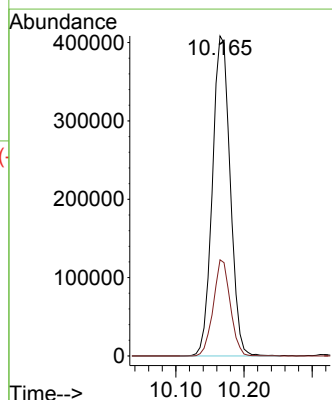
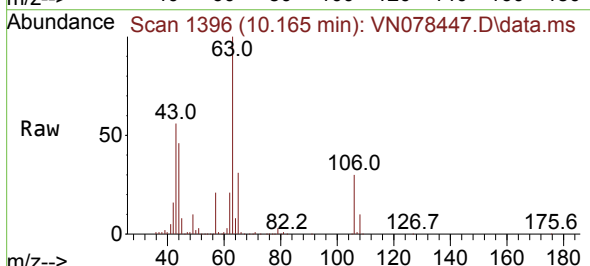
Acq: 28 Jun 2023 17:31

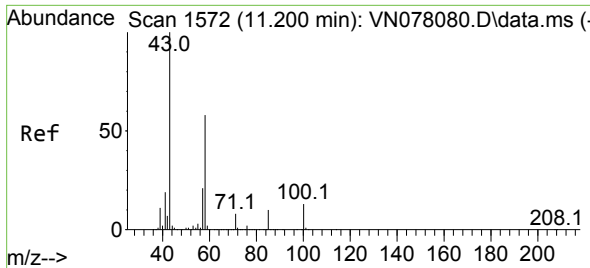
Tgt Ion: 63 Resp: 742076

Ion Ratio Lower Upper

63 100

106 28.7 26.2 39.4

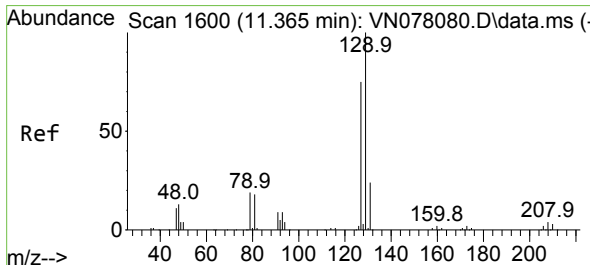
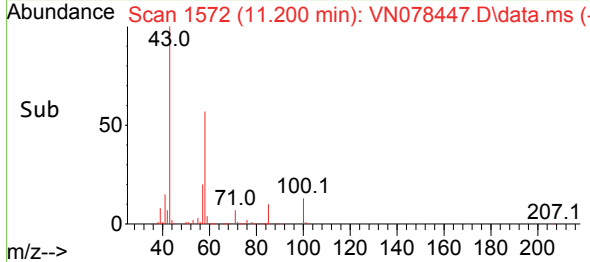
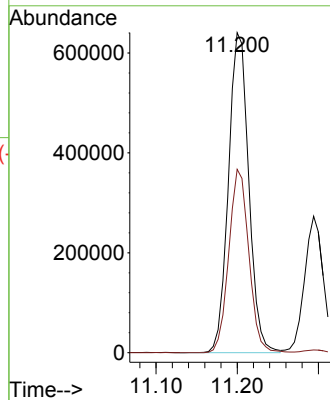
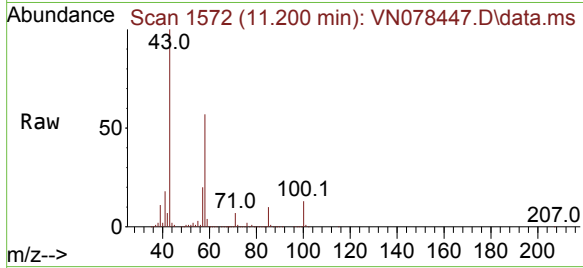




#59
2-Hexanone
Concen: 302.823 ug/l
RT: 11.200 min Scan# 1110246
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

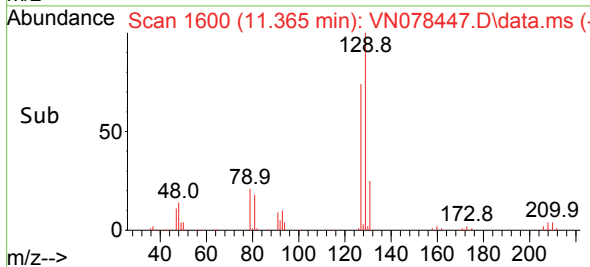
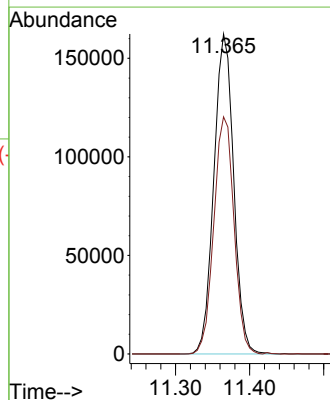
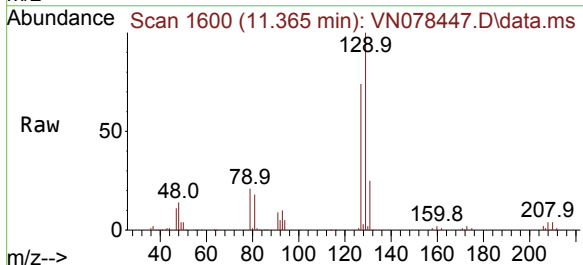
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

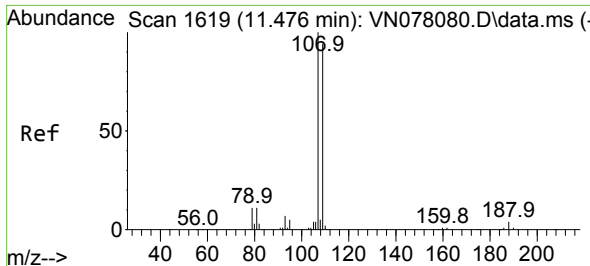
Tgt Ion: 43 Resp: 1110246
Ion Ratio Lower Upper
43 100
58 56.7 31.7 95.1



#60
Dibromochloromethane
Concen: 57.702 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion:129 Resp: 301327
Ion Ratio Lower Upper
129 100
127 75.4 38.6 116.0

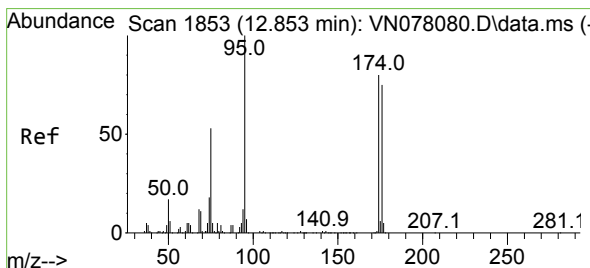
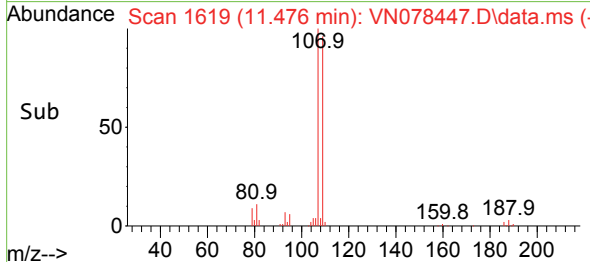
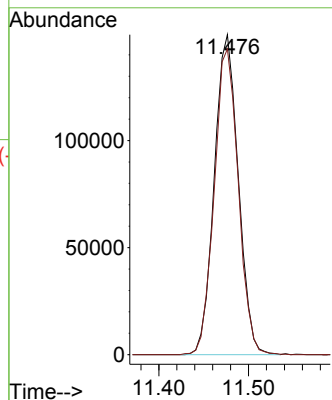
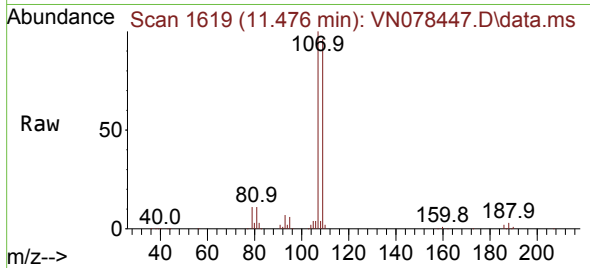




#61
1,2-Dibromoethane
Concen: 55.349 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

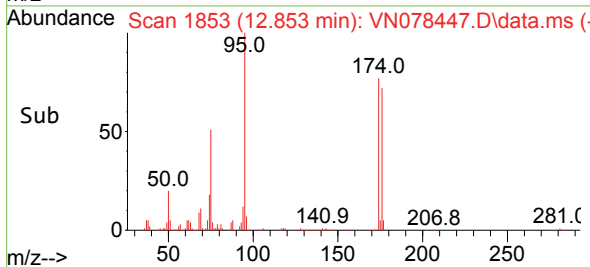
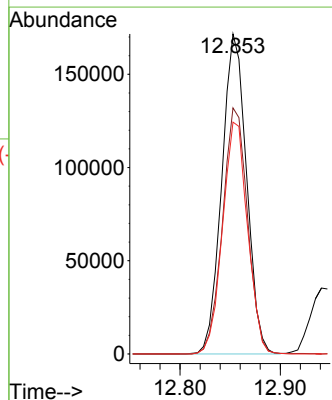
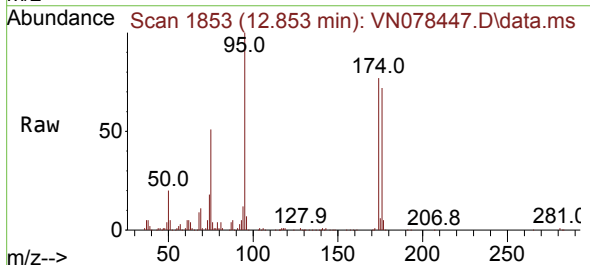
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

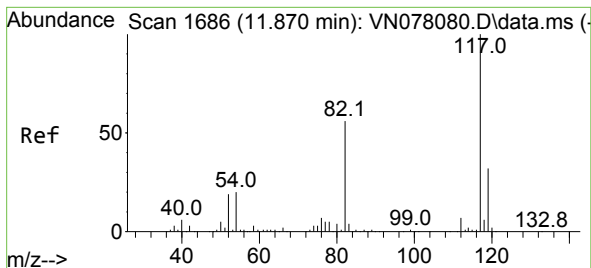
Tgt Ion:107 Resp: 277198
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.460 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 95 Resp: 293359
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 73.3 0.0 135.8

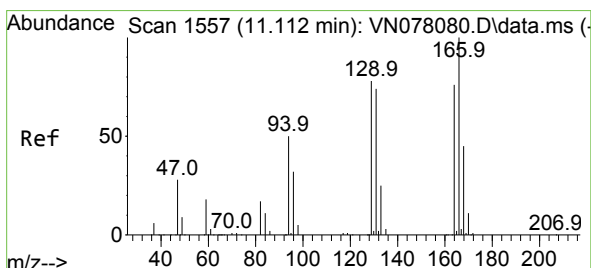
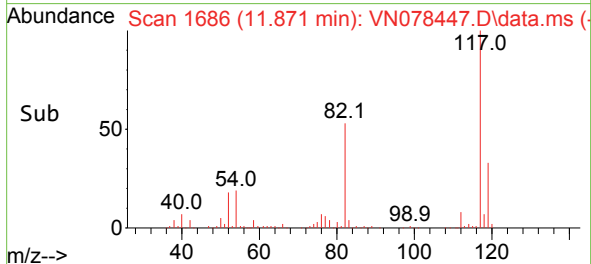
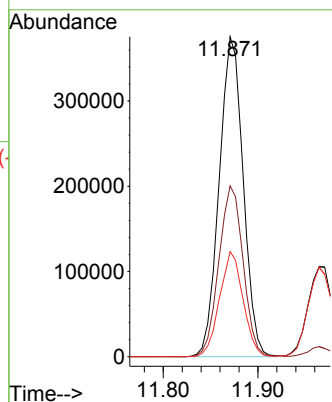
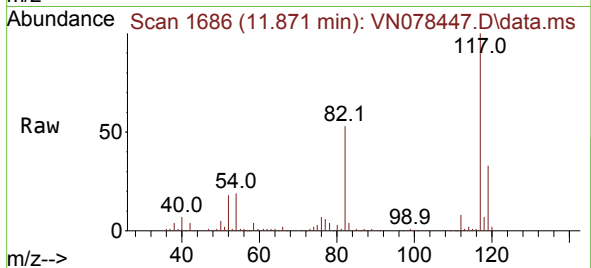




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

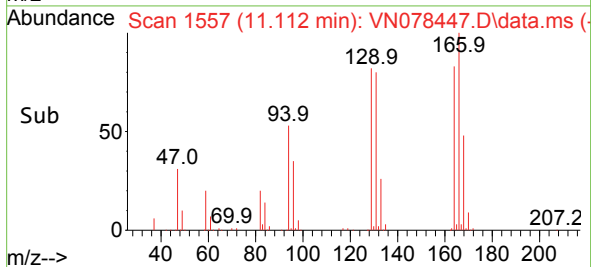
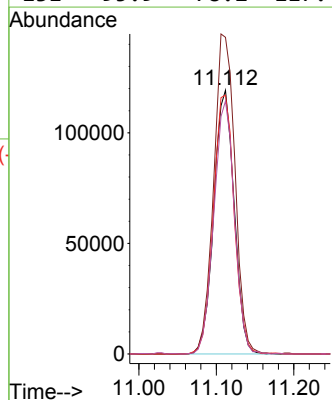
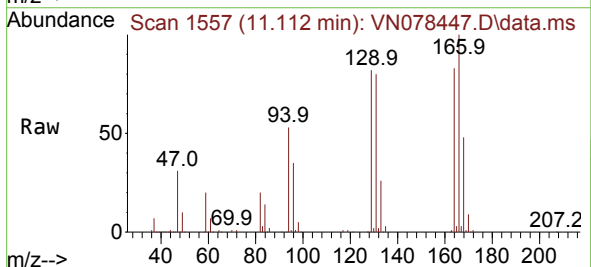
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

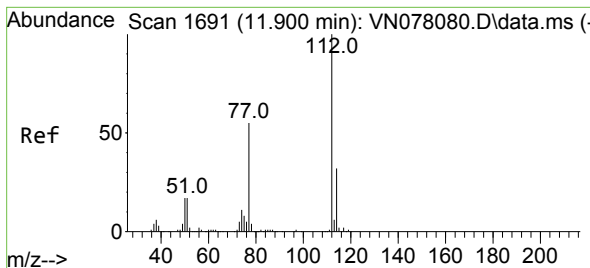
Tgt Ion:117 Resp: 661278
Ion Ratio Lower Upper
117 100
82 53.4 44.0 66.0
119 32.9 25.6 38.4



#64
Tetrachloroethene
Concen: 49.450 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion:164 Resp: 218155
Ion Ratio Lower Upper
164 100
166 120.1 101.4 152.0
129 98.2 82.4 123.6
131 95.9 78.2 117.4





#65

Chlorobenzene

Concen: 51.007 ug/l

RT: 11.900 min Scan# 1691

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

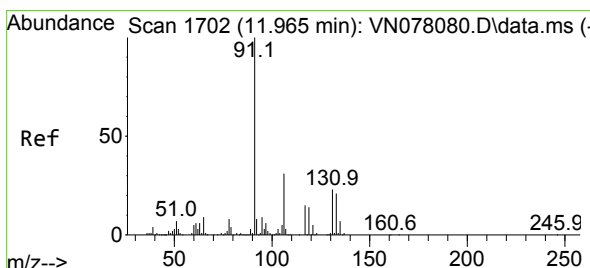
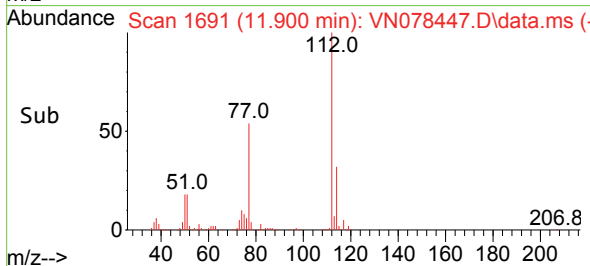
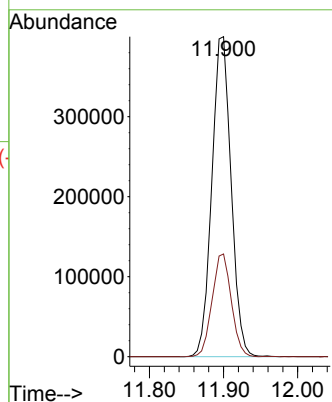
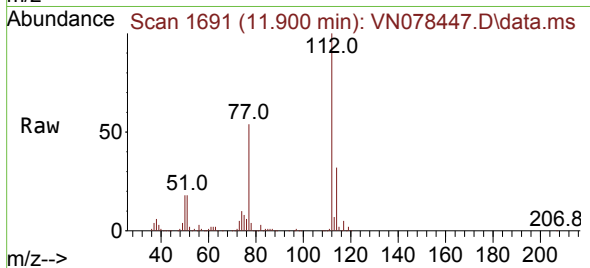
VSTDCCC050EC

Tgt Ion:112 Resp: 722345

Ion Ratio Lower Upper

112 100

114 32.1 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 53.686 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

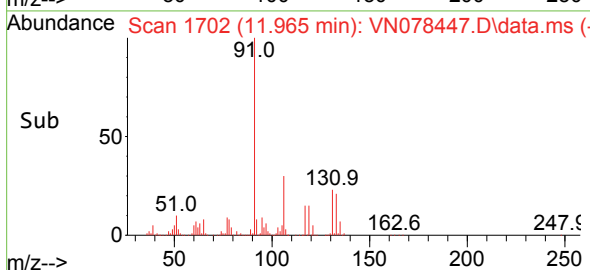
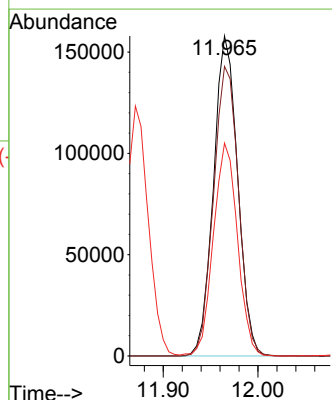
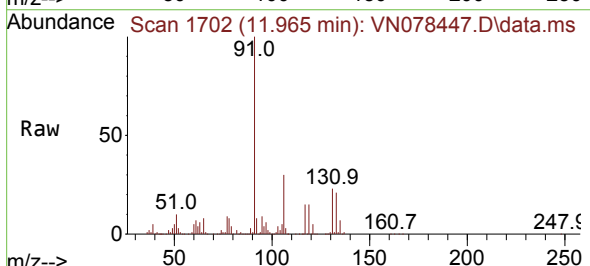
Tgt Ion:131 Resp: 279631

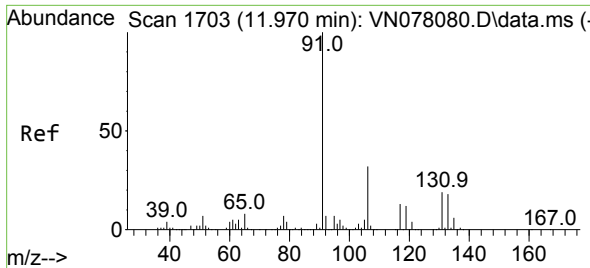
Ion Ratio Lower Upper

131 100

133 93.9 46.4 139.1

119 66.5 34.1 102.2

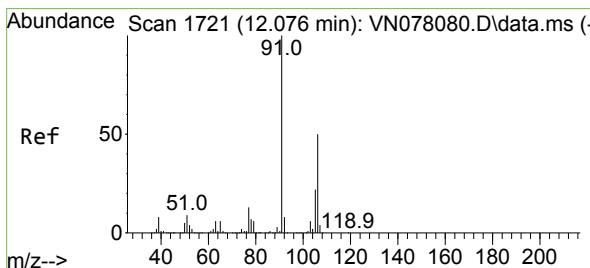
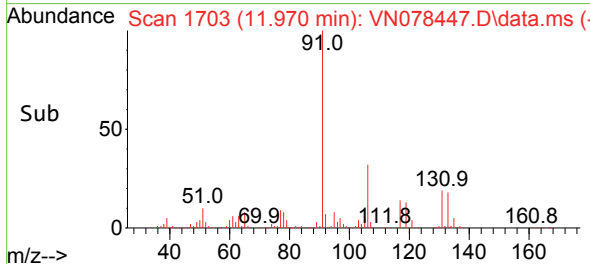
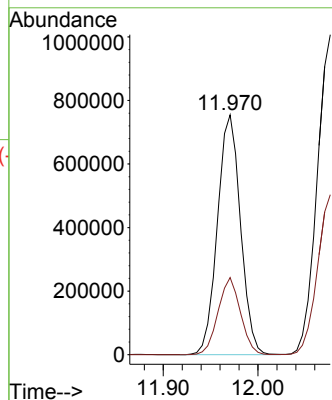
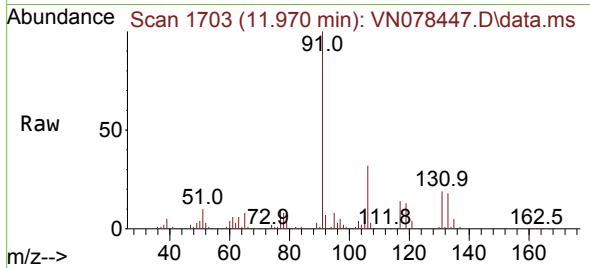




#67
Ethyl Benzene
Concen: 52.228 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

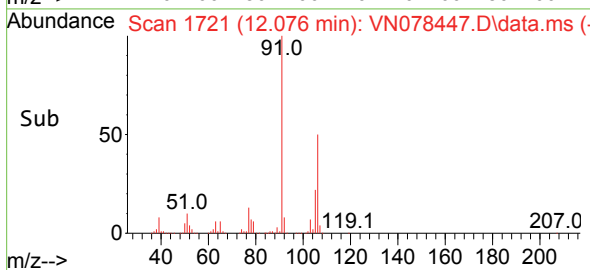
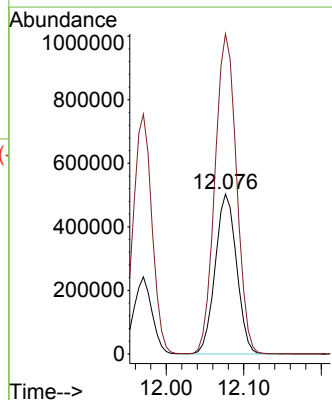
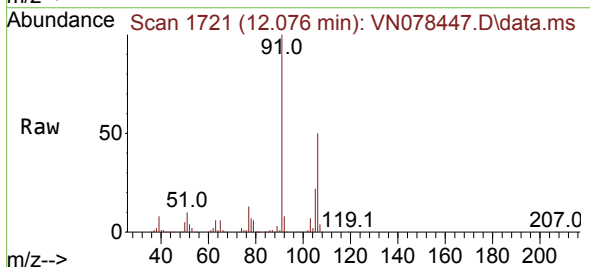
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

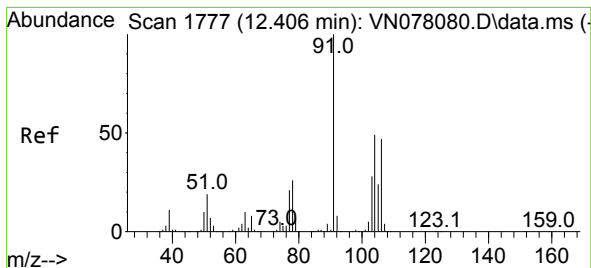
Tgt Ion: 91 Resp: 1276225
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 103.682 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 106 Resp: 965541
Ion Ratio Lower Upper
106 100
91 201.7 159.6 239.4





#69

o-Xylene

Concen: 52.622 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

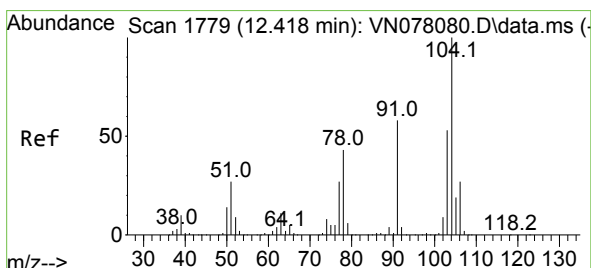
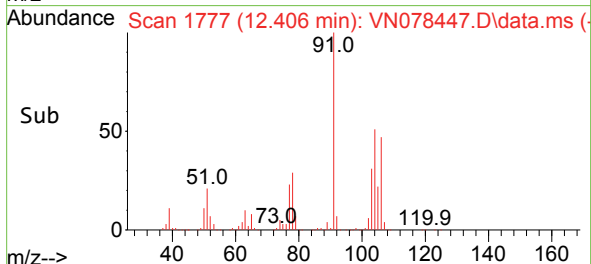
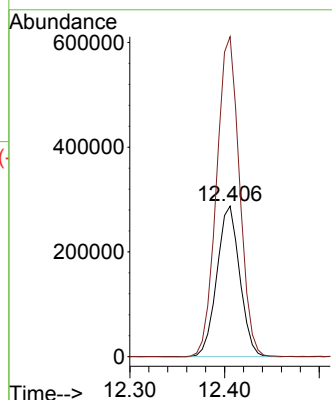
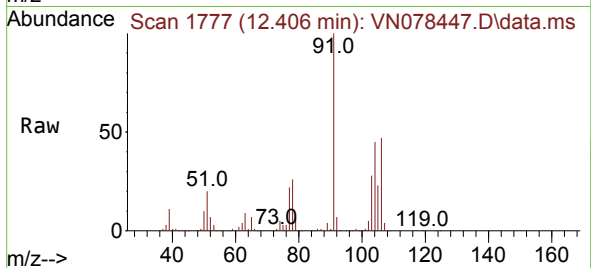
VSTDCCC050EC

Tgt Ion:106 Resp: 481229

Ion Ratio Lower Upper

106 100

91 213.8 105.2 315.5



#70

Styrene

Concen: 53.671 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

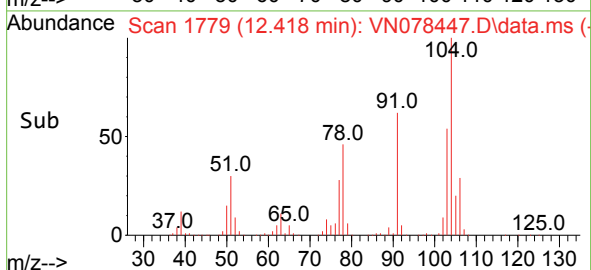
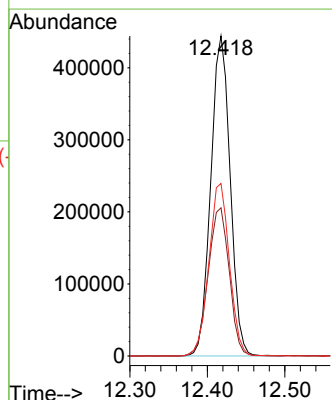
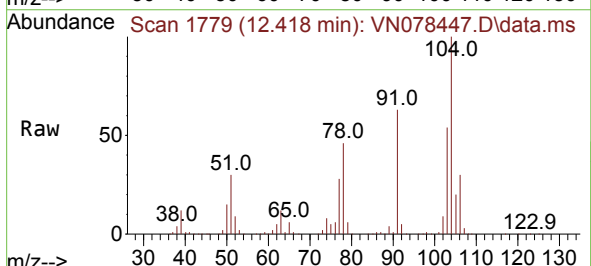
Tgt Ion:104 Resp: 772700

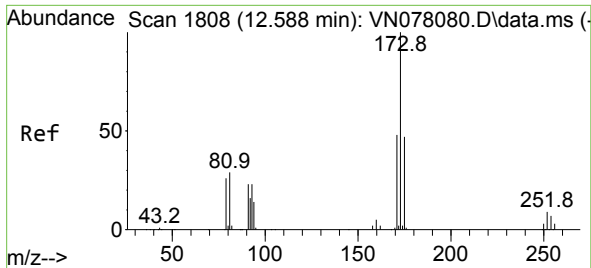
Ion Ratio Lower Upper

104 100

78 50.3 39.5 59.3

103 57.1 43.2 64.8

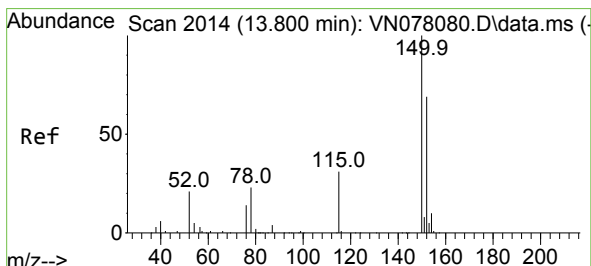
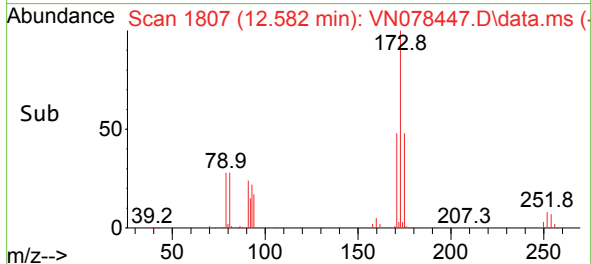
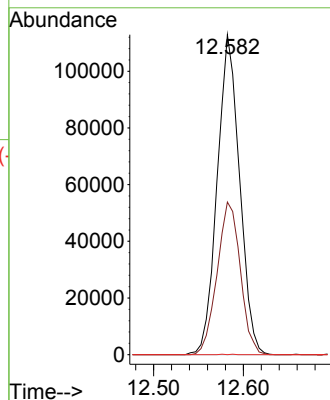
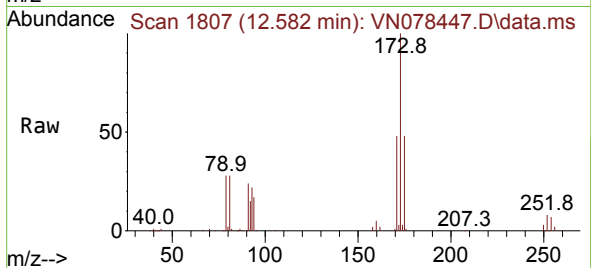




#71
Bromoform
Concen: 58.115 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

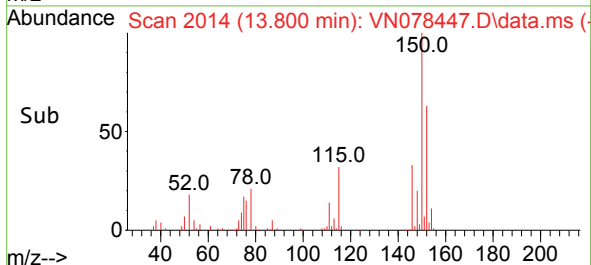
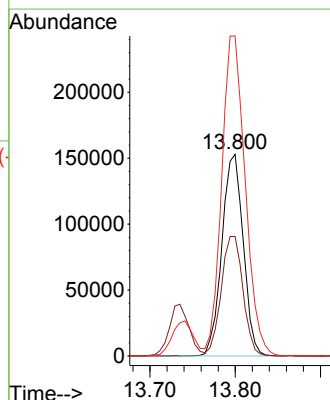
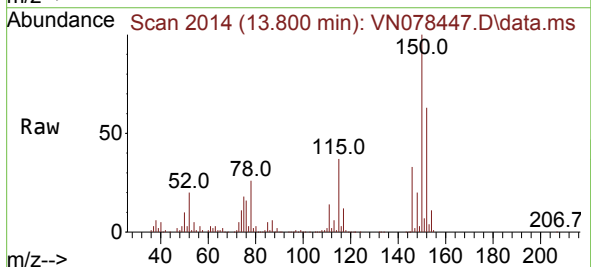
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

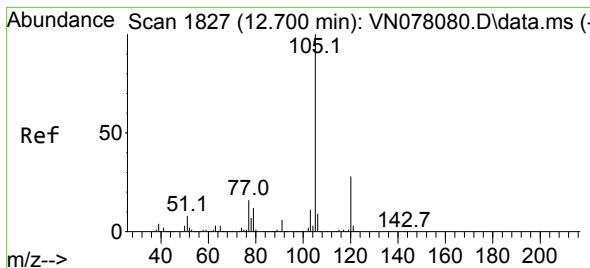
Tgt Ion:173 Resp: 195345
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion:152 Resp: 266802
Ion Ratio Lower Upper
152 100
115 60.2 32.3 96.8
150 175.0 0.0 355.8





#73

Isopropylbenzene

Concen: 46.006 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

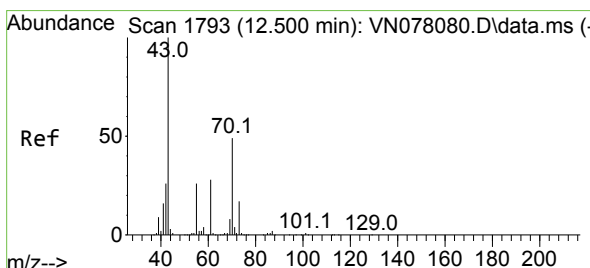
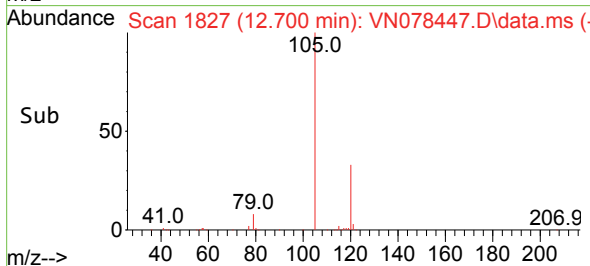
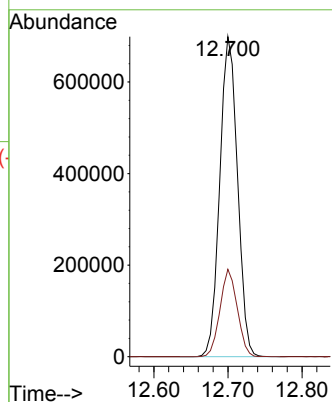
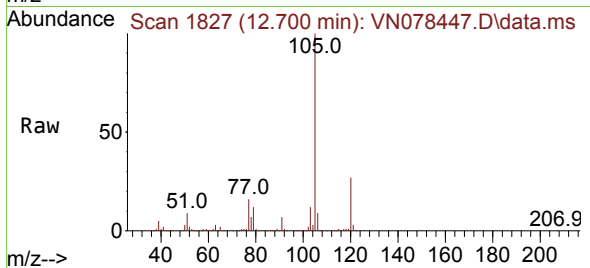
VSTDCCC050EC

Tgt Ion:105 Resp: 1160710

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1



#74

N-ethyl acetate

Concen: 50.008 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Tgt Ion: 43 Resp: 415479

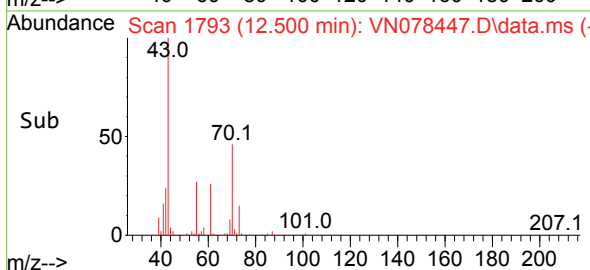
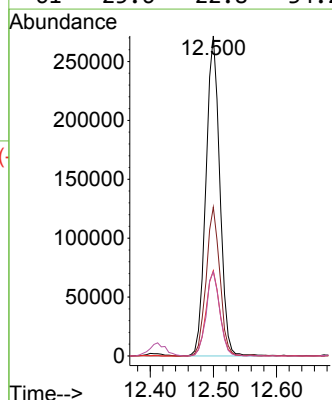
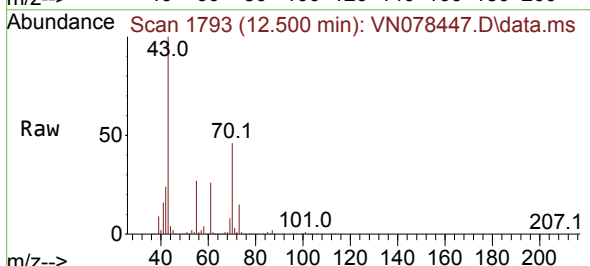
Ion Ratio Lower Upper

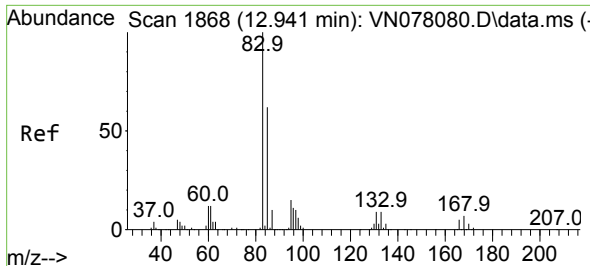
43 100

70 45.6 43.4 65.2

55 26.4 21.4 32.0

61 25.6 22.8 34.2

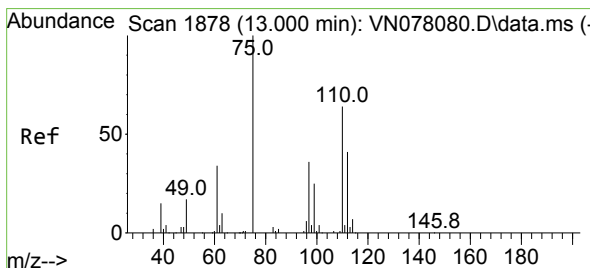
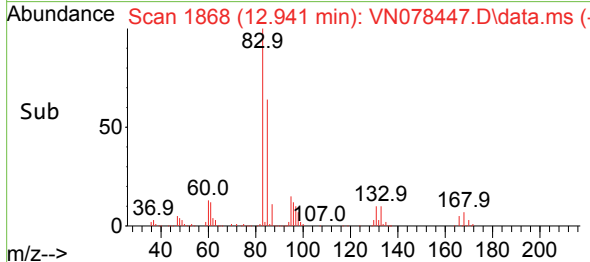
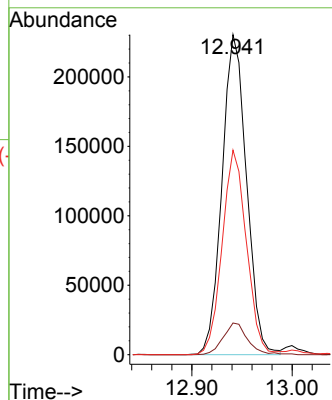
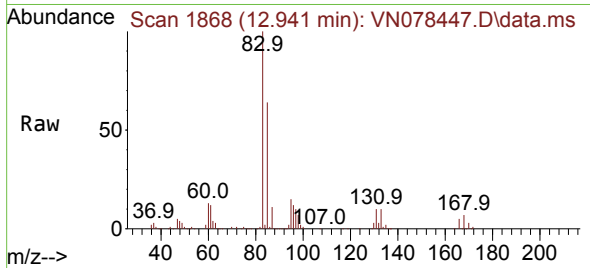




#75
1,1,2,2-Tetrachloroethane
Concen: 56.691 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

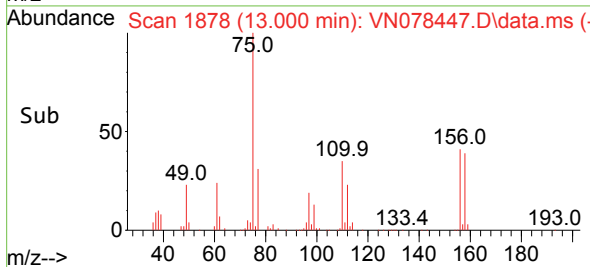
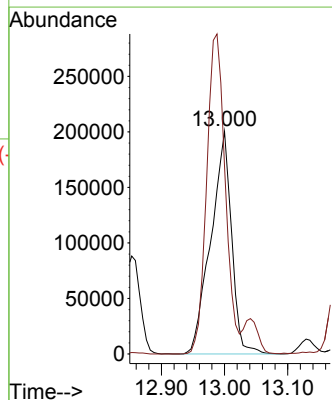
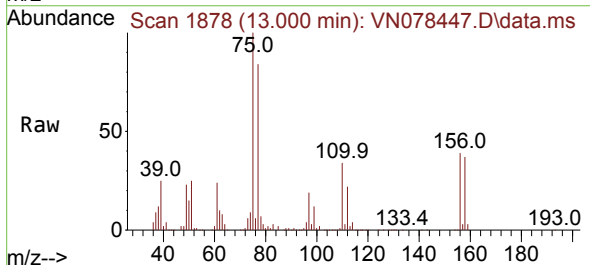
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

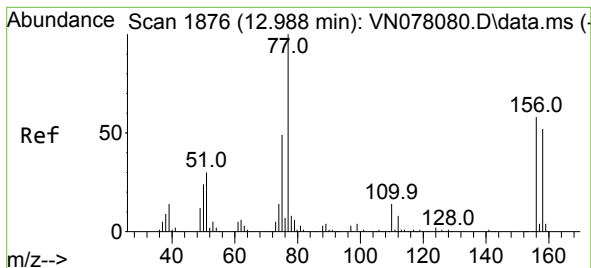
Tgt Ion: 83 Resp: 391119
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 63.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 72.566 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 75 Resp: 457698
Ion Ratio Lower Upper
75 100
77 128.2 84.5 253.5





#77

Bromobenzene

Concen: 48.118 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

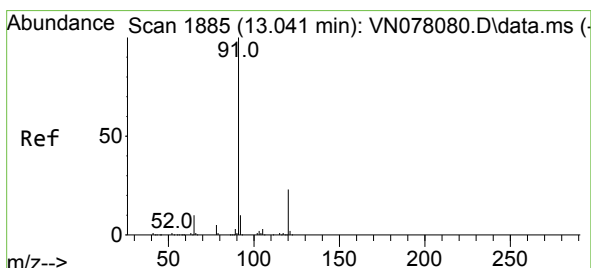
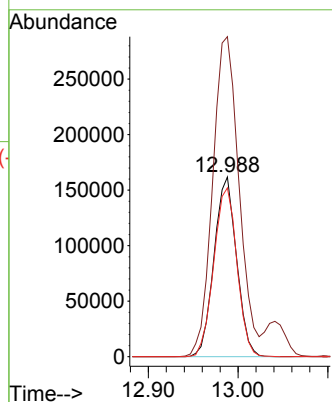
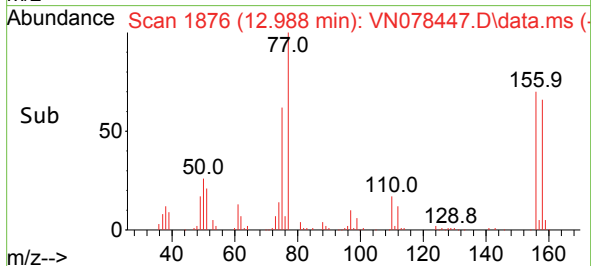
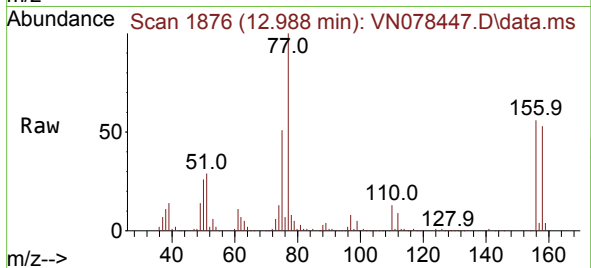
Tgt Ion:156 Resp: 281815

Ion Ratio Lower Upper

156 100

77 208.2 107.7 323.3

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 47.512 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078447.D

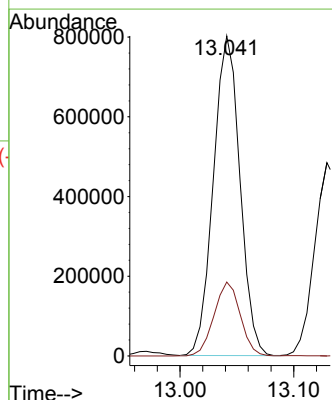
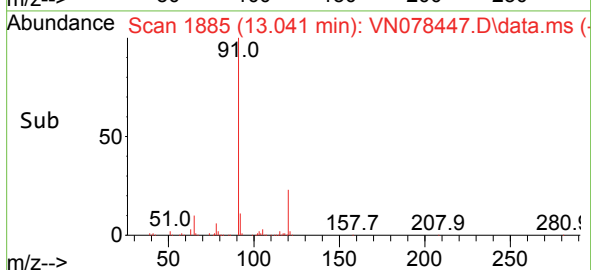
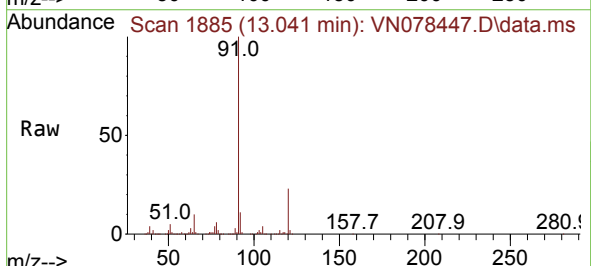
Acq: 28 Jun 2023 17:31

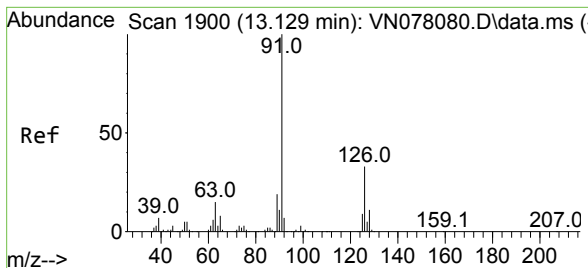
Tgt Ion: 91 Resp: 1302379

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

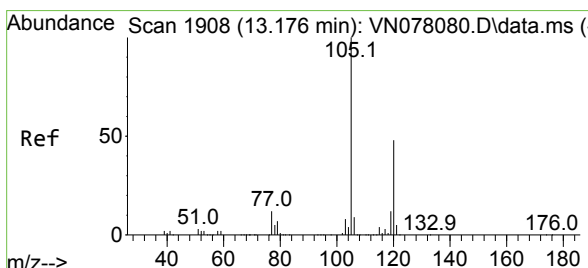
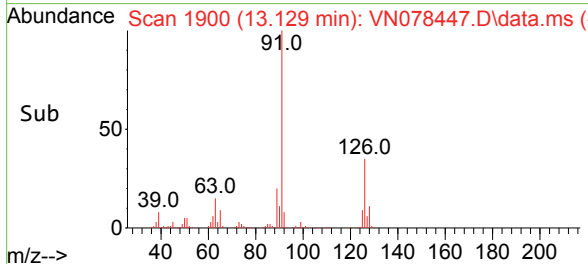
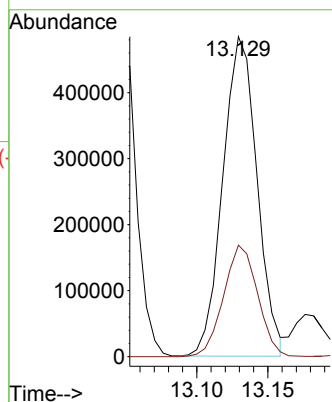
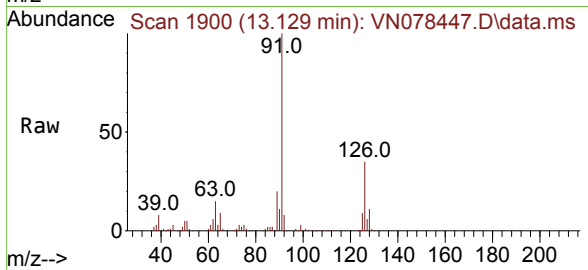




#79
2-Chlorotoluene
Concen: 45.803 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

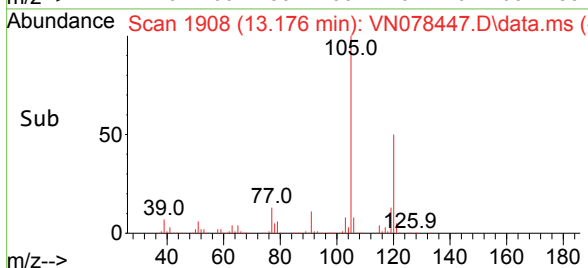
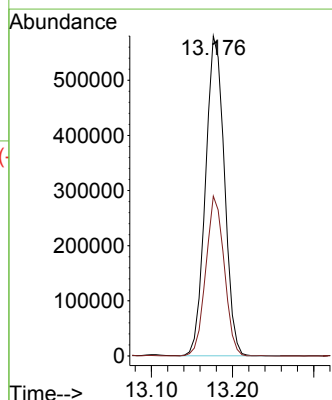
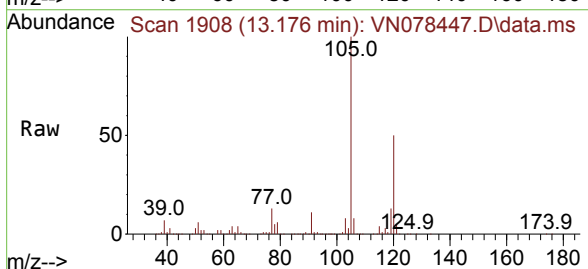
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

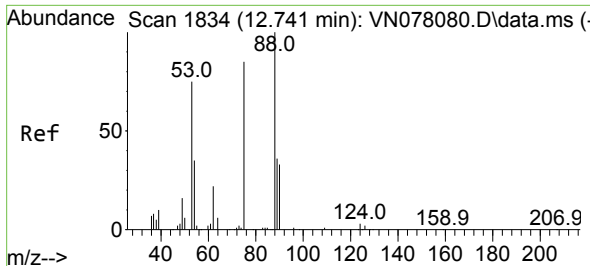
Tgt Ion: 91 Resp: 810431
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 45.748 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 105 Resp: 934459
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3

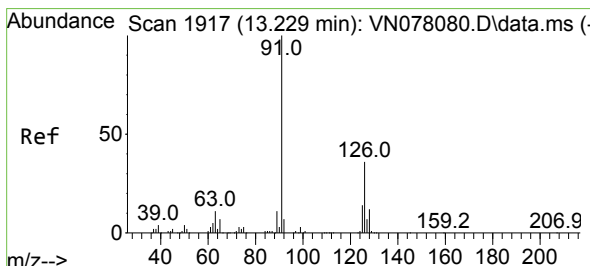
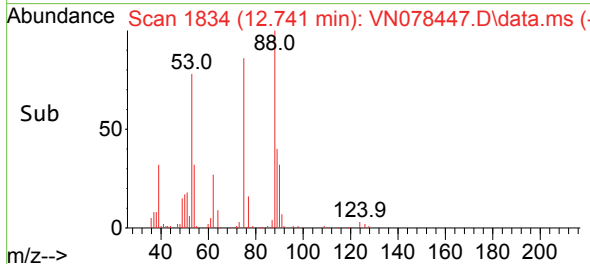
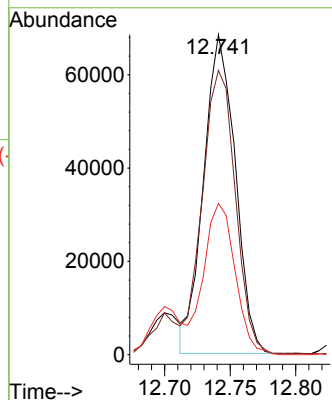
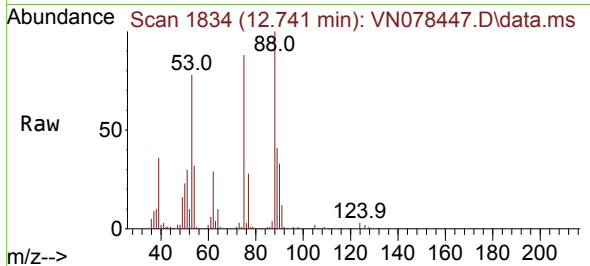




#81
trans-1,4-Dichloro-2-butene
Concen: 55.857 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

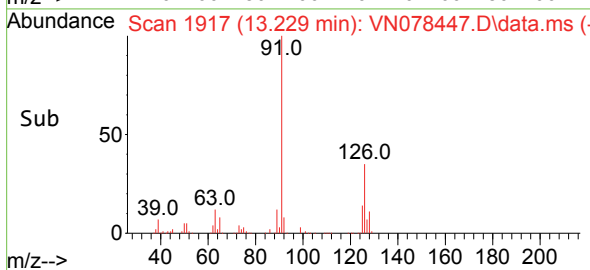
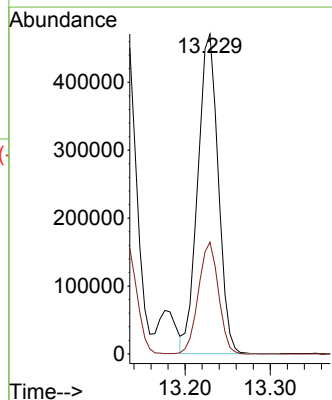
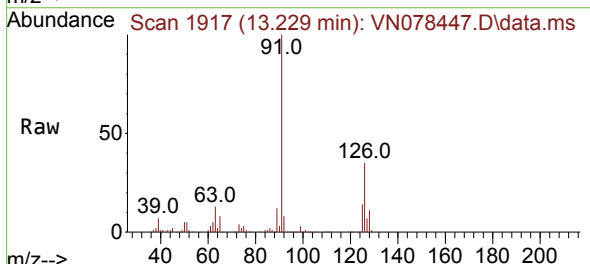
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

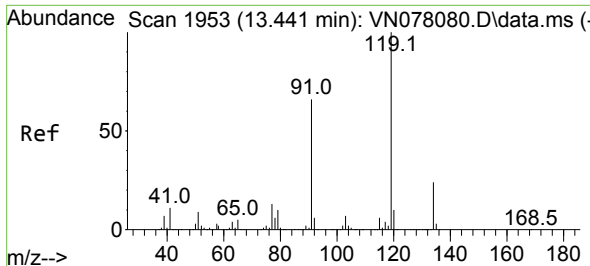
Tgt Ion: 75 Resp: 114672
Ion Ratio Lower Upper
75 100
53 93.2 67.4 101.2
89 46.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 47.445 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 91 Resp: 783502
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0

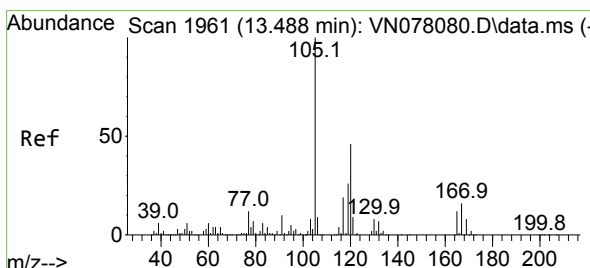
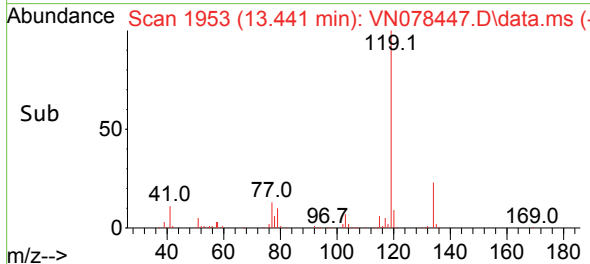
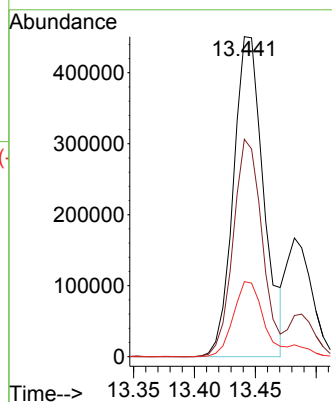
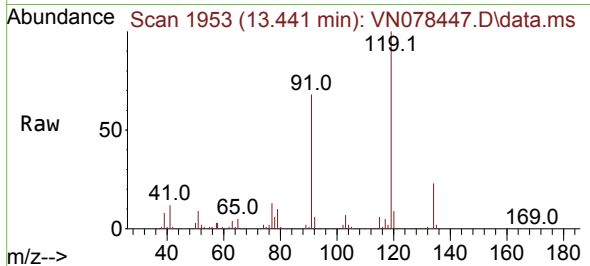




#83
tert-Butylbenzene
Concen: 43.945 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

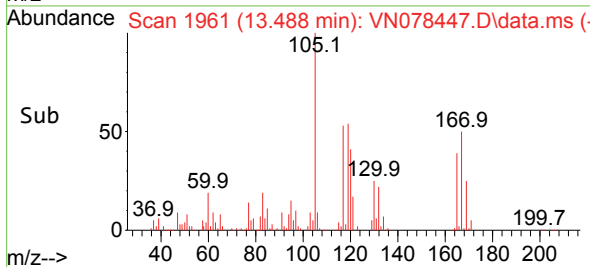
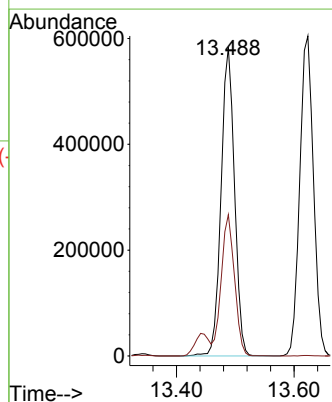
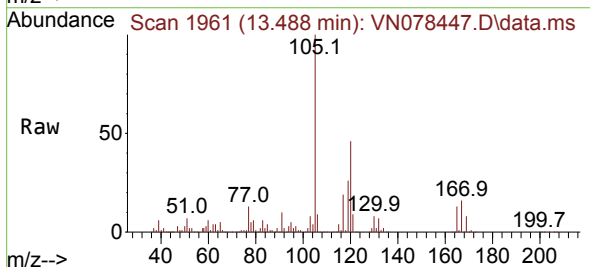
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

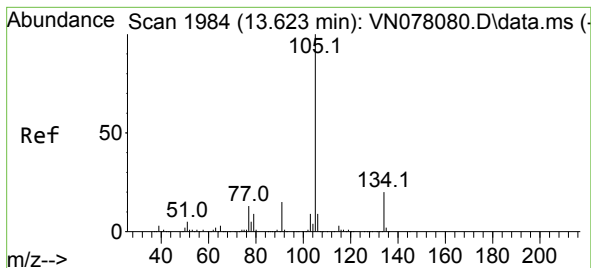
Tgt Ion:119 Resp: 780281
Ion Ratio Lower Upper
119 100
91 65.0 33.9 101.7
134 25.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 46.613 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion:105 Resp: 923106
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 42.126 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

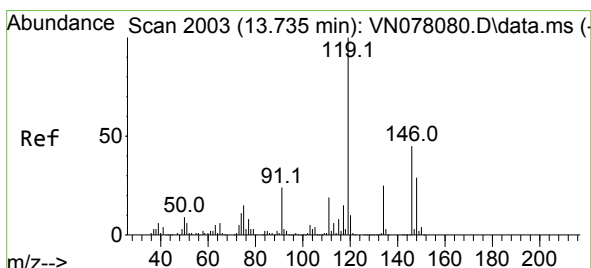
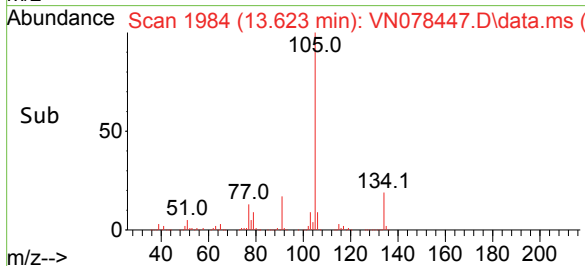
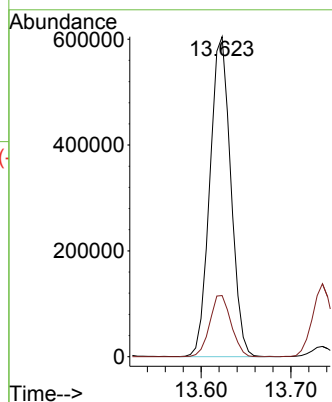
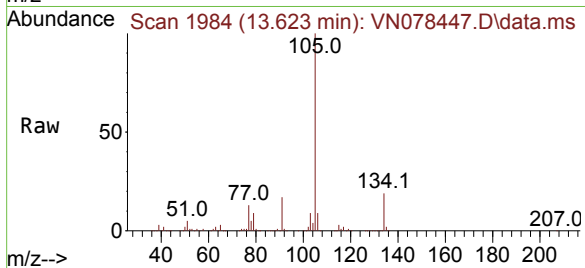
VSTDCCC050EC

Tgt Ion:105 Resp: 979001

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 43.028 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

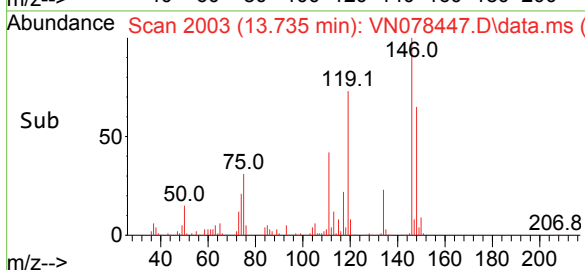
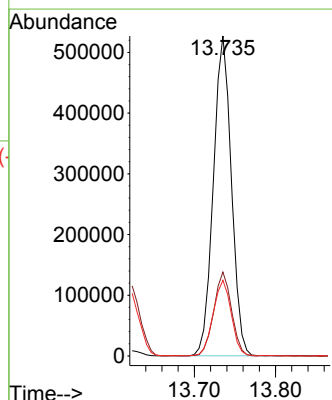
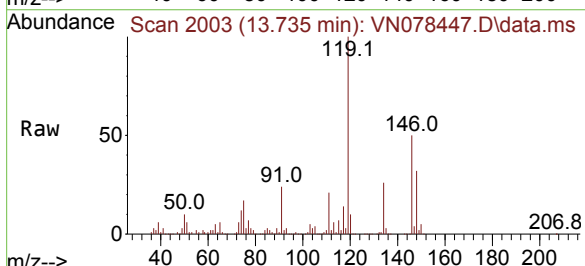
Tgt Ion:119 Resp: 811477

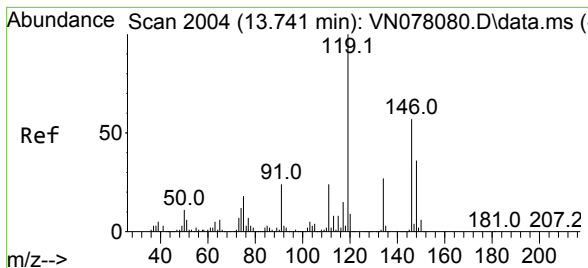
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 23.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.732 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

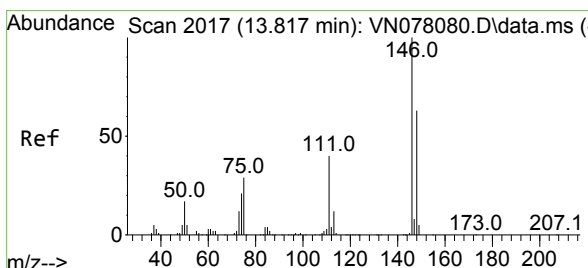
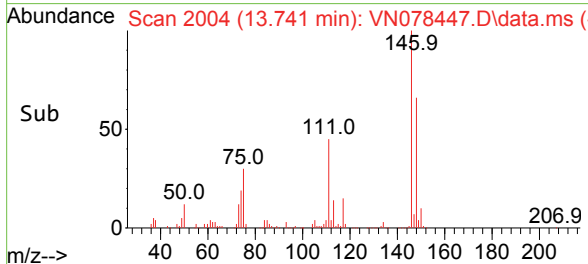
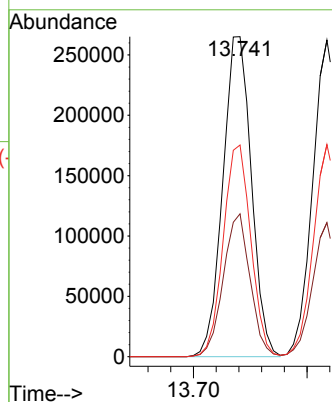
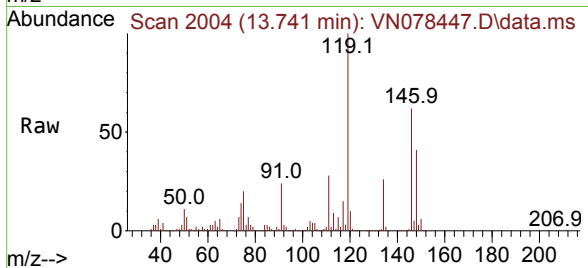
Tgt Ion:146 Resp: 462965

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.3

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 46.571 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078447.D

Acq: 28 Jun 2023 17:31

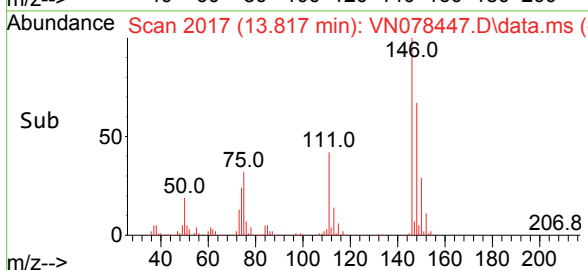
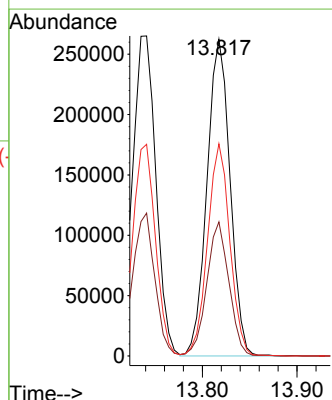
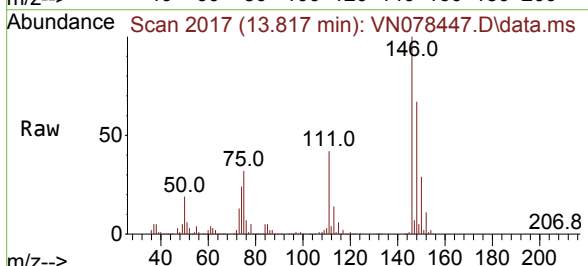
Tgt Ion:146 Resp: 445196

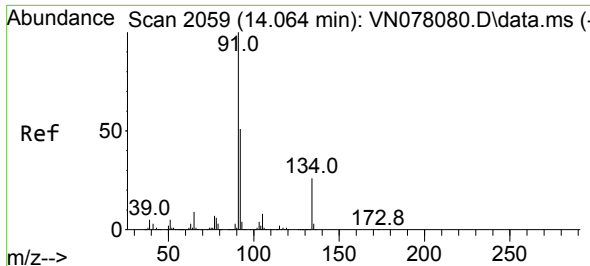
Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

148 64.9 31.6 94.8

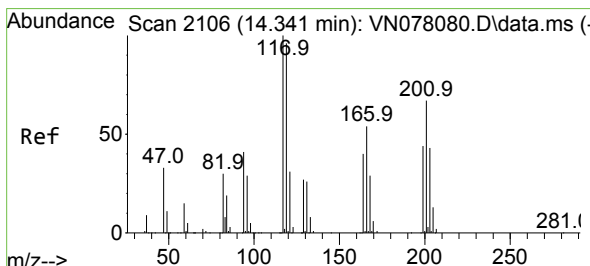
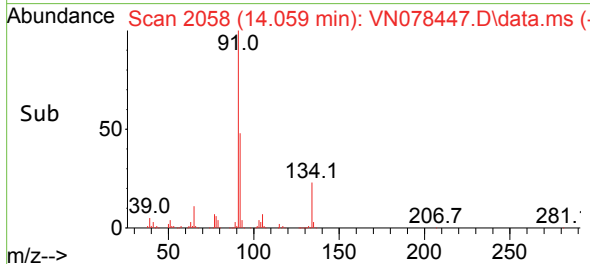
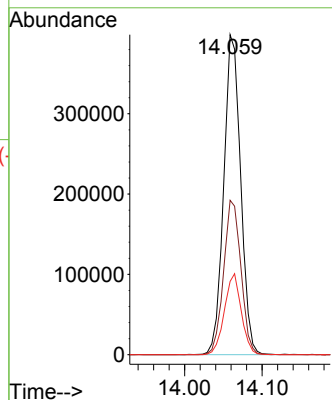
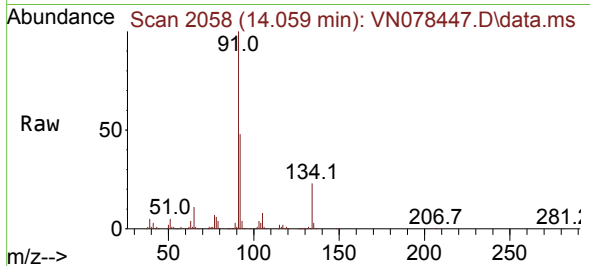




#89
n-Butylbenzene
Concen: 40.602 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

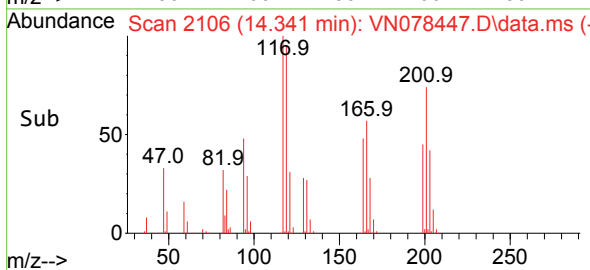
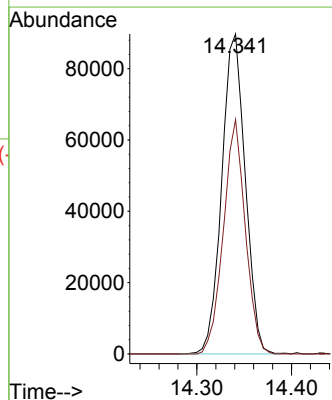
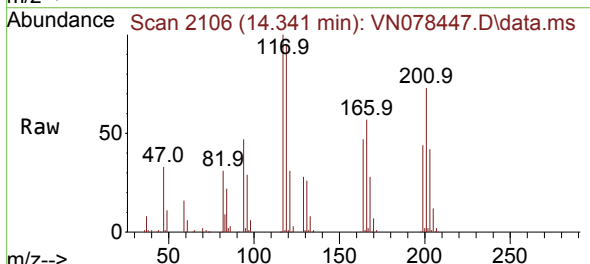
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

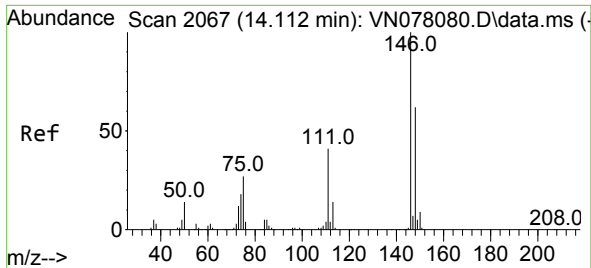
Tgt Ion: 91 Resp: 603968
Ion Ratio Lower Upper
91 100
92 49.5 26.4 79.0
134 25.3 12.6 37.6



#90
Hexachloroethane
Concen: 46.231 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 117 Resp: 154728
Ion Ratio Lower Upper
117 100
201 68.2 29.3 88.0

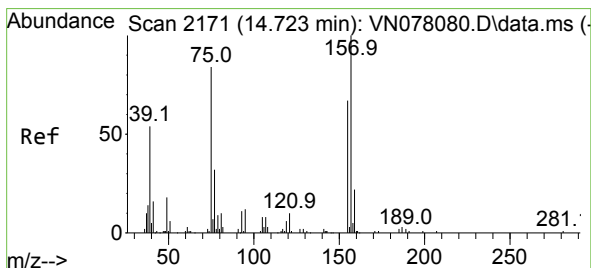
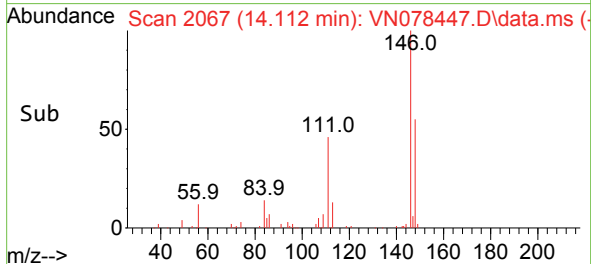
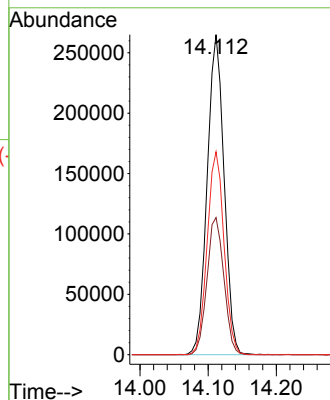
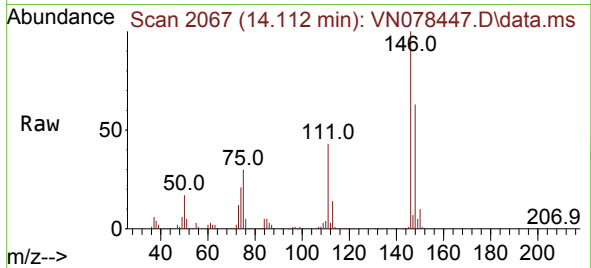




#91
1,2-Dichlorobenzene
Concen: 47.158 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

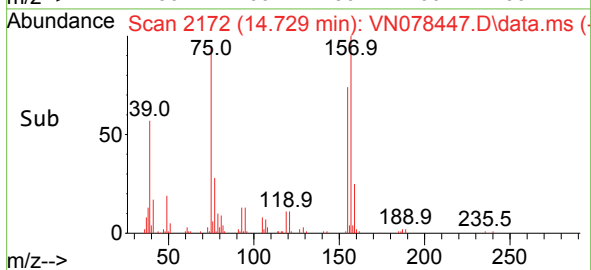
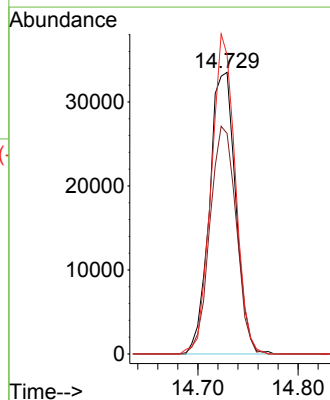
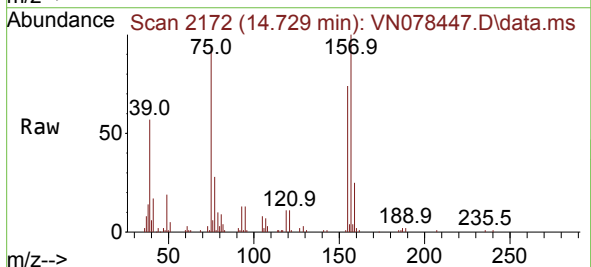
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

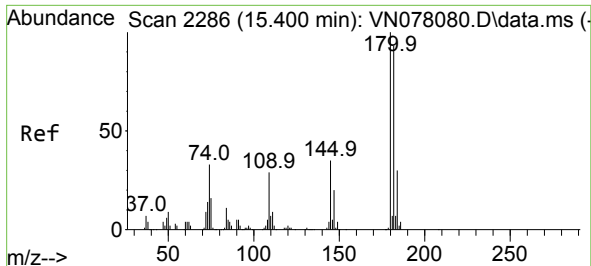
Tgt Ion:146 Resp: 456591
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 63.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.836 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion: 75 Resp: 61029
Ion Ratio Lower Upper
75 100
155 80.8 39.1 117.2
157 103.8 50.3 150.9

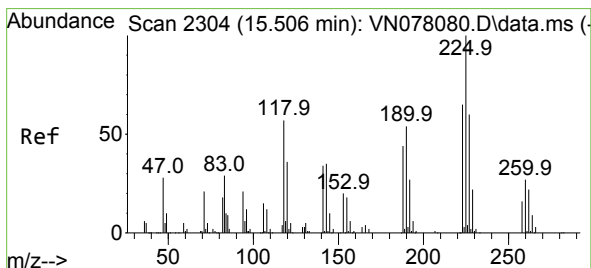
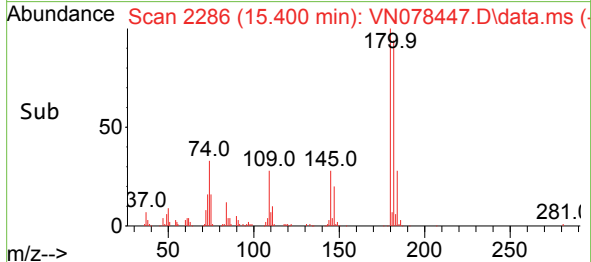
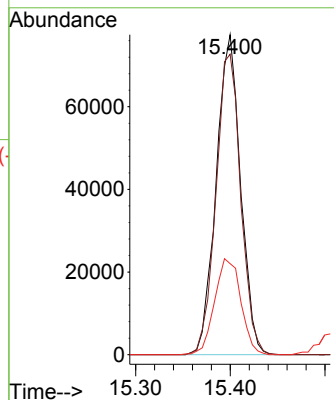
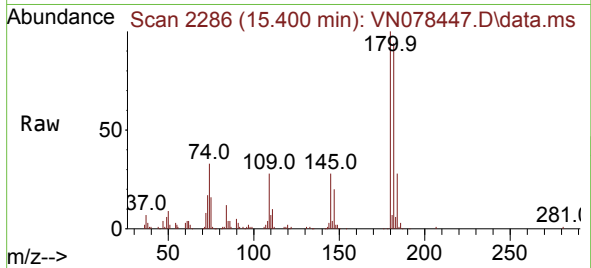




#93
1,2,4-Trichlorobenzene
Concen: 40.136 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

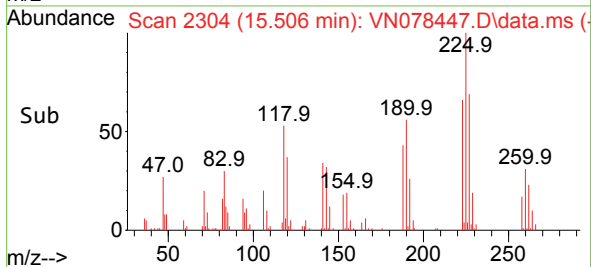
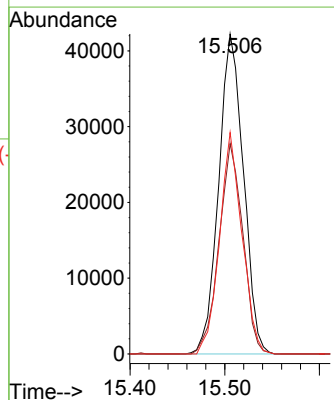
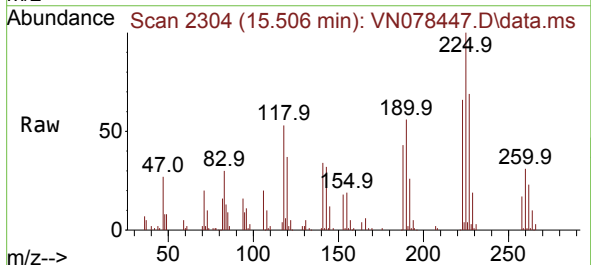
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

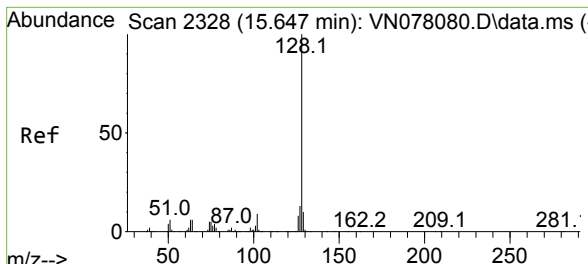
Tgt Ion:180 Resp: 138456
Ion Ratio Lower Upper
180 100
182 95.6 46.1 138.2
145 32.3 16.6 49.8



#94
Hexachlorobutadiene
Concen: 45.128 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion:225 Resp: 76751
Ion Ratio Lower Upper
225 100
223 63.2 31.3 93.8
227 62.8 31.9 95.9

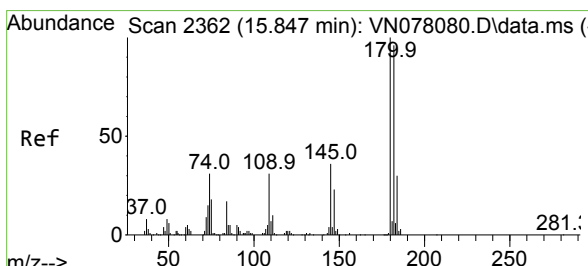
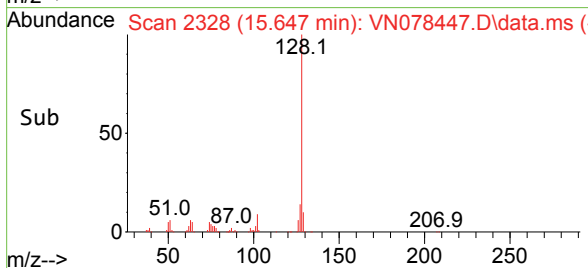
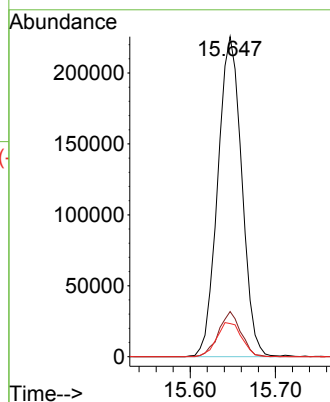
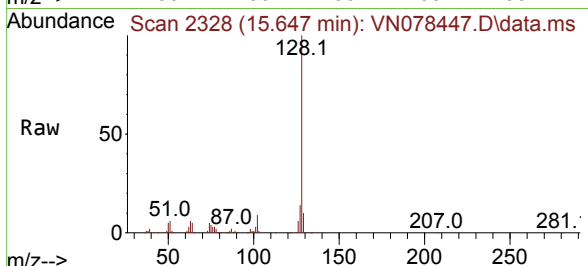




#95
Naphthalene
Concen: 37.996 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	440908
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.0	15.0
129	11.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 39.844 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078447.D
Acq: 28 Jun 2023 17:31

Tgt Ion:	180	Resp:	153726
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.2	138.6
145	34.4	17.5	52.6

