

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078640.D
 Acq On : 25 Jul 2023 11:19
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 26 04:42:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	495533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	816463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	745170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	314081	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	313036	47.122	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.240%
35) Dibromofluoromethane	8.177	113	288874	52.121	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.240%
50) Toluene-d8	10.571	98	1010281	48.252	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.853	95	335155	51.968	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	316059	52.022	ug/l	99
3) Chloromethane	2.371	50	362769	54.936	ug/l	98
4) Vinyl Chloride	2.518	62	449628	52.635	ug/l	98
5) Bromomethane	2.948	94	304614	57.082	ug/l	100
6) Chloroethane	3.118	64	292746	56.918	ug/l	99
7) Trichlorofluoromethane	3.495	101	496611	48.633	ug/l	100
8) Diethyl Ether	3.971	74	172176	50.608	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	270794	50.096	ug/l	96
10) Methyl Iodide	4.595	142	392303	52.814	ug/l	97
11) Tert butyl alcohol	5.536	59	241401	235.653	ug/l	99
12) 1,1-Dichloroethene	4.348	96	258410	49.421	ug/l	93
13) Acrolein	4.195	56	205806	204.200	ug/l	95
14) Allyl chloride	5.036	41	332967	46.603	ug/l	96
15) Acrylonitrile	5.730	53	632608	244.415	ug/l	100
16) Acetone	4.436	43	537174	259.587	ug/l	91
17) Carbon Disulfide	4.718	76	723823	47.873	ug/l	99
18) Methyl Acetate	5.036	43	413431	47.196	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	884683	51.352	ug/l	98
20) Methylene Chloride	5.283	84	316035	53.324	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	294220	49.934	ug/l	86
22) Diisopropyl ether	6.677	45	821823	51.369	ug/l	94
23) Vinyl Acetate	6.612	43	2691947	264.677	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	527242	48.909	ug/l	97
25) 2-Butanone	7.494	43	806261	247.515	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	464396	52.670	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	343561	50.403	ug/l	93
28) Bromochloromethane	7.824	49	236914	46.660	ug/l	96
29) Tetrahydrofuran	7.847	42	517717	242.216	ug/l	87
30) Chloroform	7.971	83	563014	50.165	ug/l	96
31) Cyclohexane	8.265	56	419993	46.781	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	509971	50.681	ug/l	97
36) 1,1-Dichloropropene	8.377	75	419235	52.386	ug/l	98
37) Ethyl Acetate	7.571	43	335968	50.361	ug/l	96
38) Carbon Tetrachloride	8.371	117	462951	53.227	ug/l	98
39) Methylcyclohexane	9.606	83	407834	55.831	ug/l	92
40) Benzene	8.612	78	1258094	53.065	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	175124	51.494	ug/l	92
42) 1,2-Dichloroethane	8.677	62	419580	52.030	ug/l	100
43) Isopropyl Acetate	8.694	43	568527	51.763	ug/l	97
44) Trichloroethene	9.359	130	338866	53.031	ug/l	94
45) 1,2-Dichloropropane	9.630	63	321654	53.566	ug/l	96
46) Dibromomethane	9.718	93	232641	55.045	ug/l	92
47) Bromodichloromethane	9.894	83	454715	53.673	ug/l	96
48) Methyl methacrylate	9.688	41	271078	53.273	ug/l	89
49) 1,4-Dioxane	9.700	88	117611	1059.848	ug/l	96
51) 4-Methyl-2-Pentanone	10.453	43	1717352	262.873	ug/l	95
52) Toluene	10.635	92	802766	54.632	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	483272	55.681	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	530528	57.344	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	317235	54.796	ug/l	96
56) Ethyl methacrylate	10.877	69	452591	55.924	ug/l	94
57) 1,3-Dichloropropane	11.171	76	526316	53.467	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	767972	266.277	ug/l	95
59) 2-Hexanone	11.200	43	1218728	262.483	ug/l	93
60) Dibromochloromethane	11.365	129	360105	56.342	ug/l	100
61) 1,2-Dibromoethane	11.477	107	333458	55.913	ug/l	97
64) Tetrachloroethene	11.112	164	301235	53.769	ug/l	98
65) Chlorobenzene	11.894	112	855068	51.336	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	335151	52.305	ug/l	98
67) Ethyl Benzene	11.971	91	1496712	53.160	ug/l	99
68) m/p-Xylenes	12.076	106	1159314	111.369	ug/l	99
69) o-Xylene	12.406	106	559748	53.237	ug/l	97
70) Styrene	12.418	104	911863	55.435	ug/l	97
71) Bromoform	12.582	173	247743	57.088	ug/l #	98
73) Isopropylbenzene	12.700	105	1406352	47.653	ug/l	98
74) N-amyl acetate	12.500	43	471707	46.380	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	430015	52.311	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	520008	68.497	ug/l	73
77) Bromobenzene	12.988	156	342830	53.526	ug/l	93
78) n-propylbenzene	13.041	91	1565793	49.610	ug/l	100
79) 2-Chlorotoluene	13.129	91	973178	47.074	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1130519	48.482	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	135424	46.876	ug/l	96
82) 4-Chlorotoluene	13.229	91	932767	48.366	ug/l	97
83) tert-Butylbenzene	13.441	119	951358	48.054	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1103621	48.725	ug/l	97
85) sec-Butylbenzene	13.623	105	1216661	48.620	ug/l	99
86) p-Isopropyltoluene	13.735	119	997111	49.624	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	578979	51.103	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	567965	49.770	ug/l	98
89) n-Butylbenzene	14.059	91	745328	51.842	ug/l	98
90) Hexachloroethane	14.335	117	188150	50.961	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	555852	49.299	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	70027	49.547	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	185633	51.587	ug/l	99
94) Hexachlorobutadiene	15.506	225	111486	60.782	ug/l	100
95) Naphthalene	15.647	128	540851	43.965	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	201813	48.775	ug/l	97

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QLast Update : Mon Jul 10 16:13:53 2023
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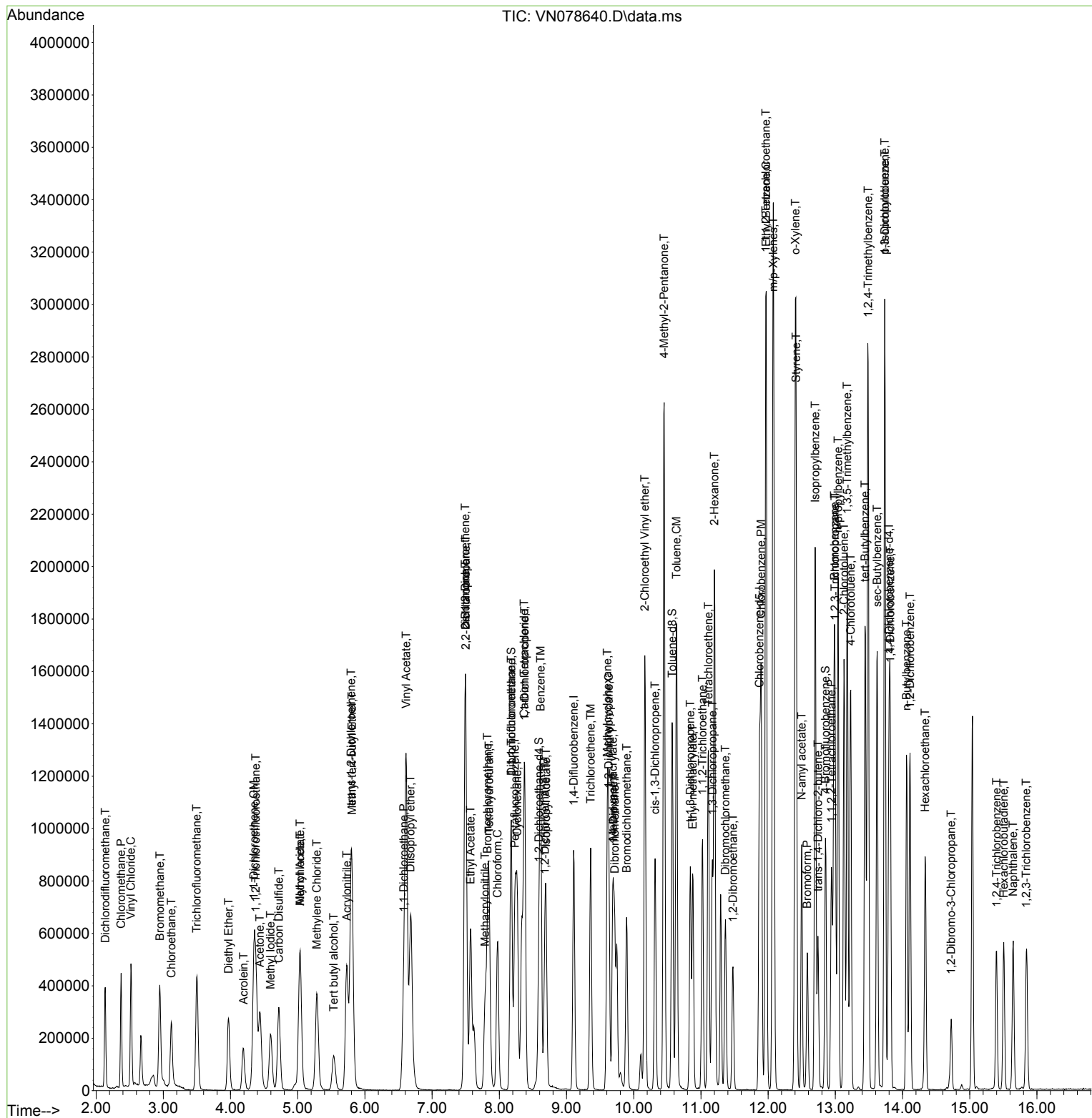
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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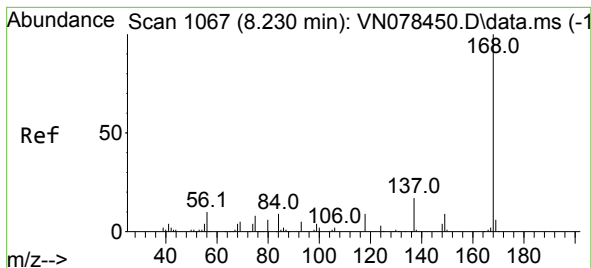
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VN078640.D

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Instrument :

MSVOA_N

ClientSampleId :

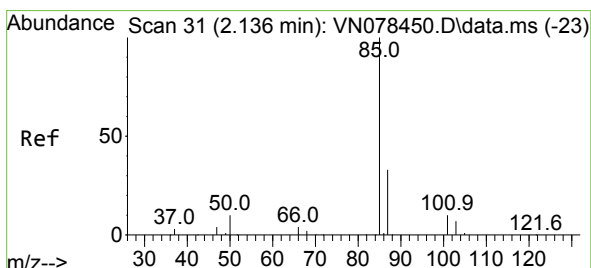
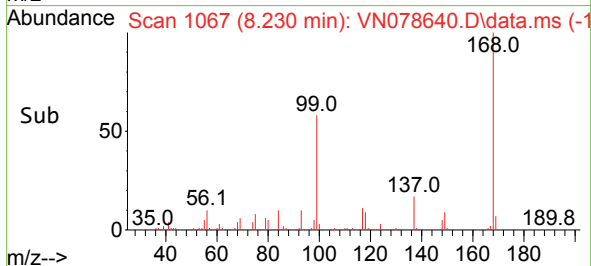
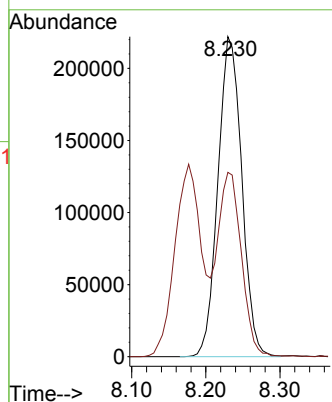
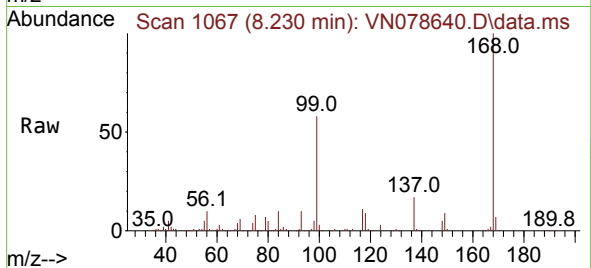
VSTDCCC050

Tgt Ion:168 Resp: 495533

Ion Ratio Lower Upper

168 100

99 57.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 52.022 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078640.D

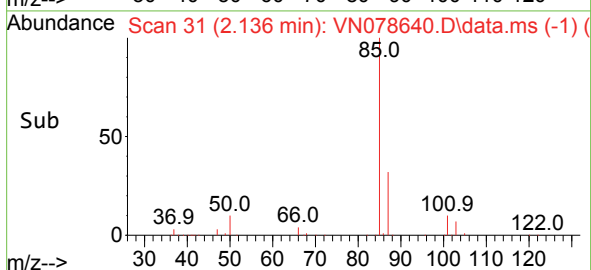
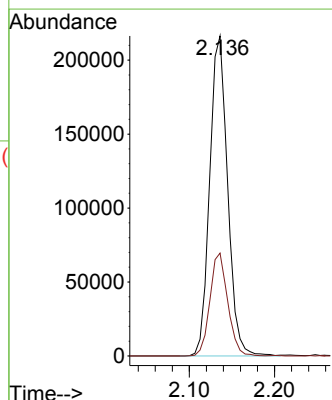
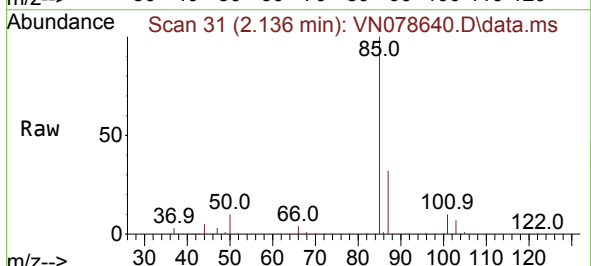
Acq: 25 Jul 2023 11:19

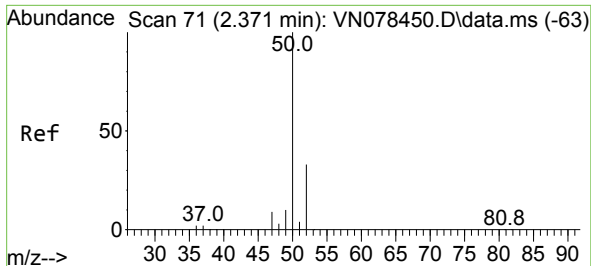
Tgt Ion: 85 Resp: 316059

Ion Ratio Lower Upper

85 100

87 32.2 15.8 47.4

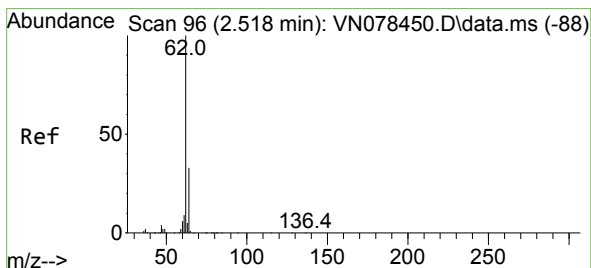
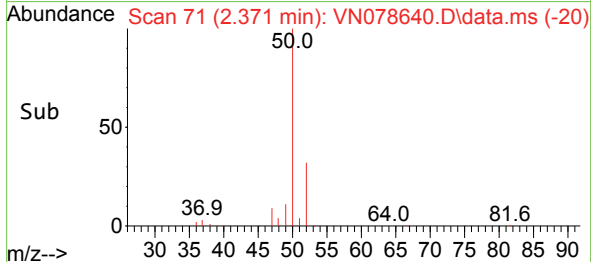
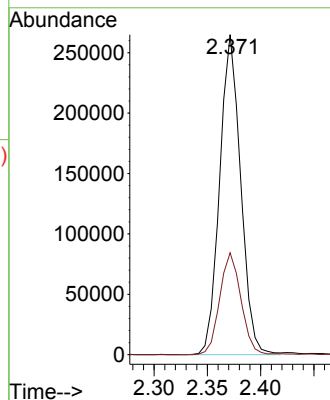
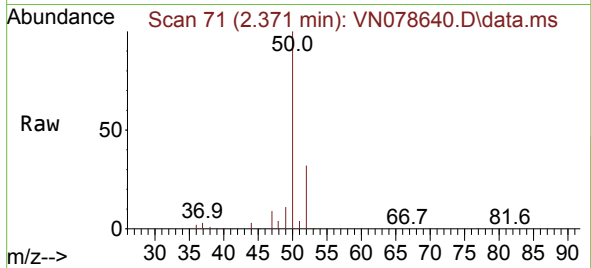




#3
Chloromethane
Concen: 54.936 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

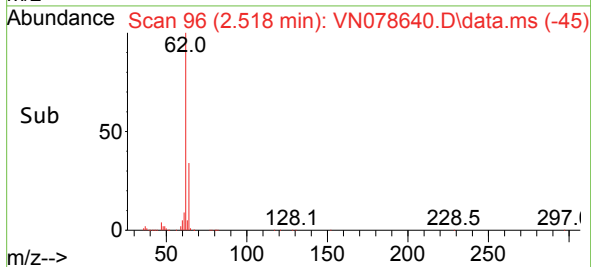
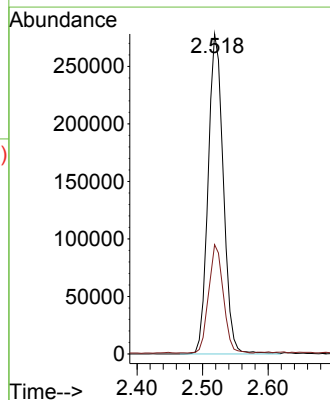
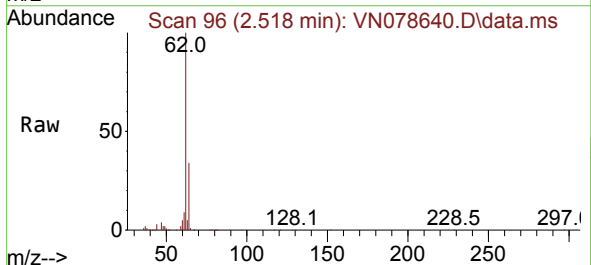
Instrument :
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ClientSampleId :
VSTDCCC050

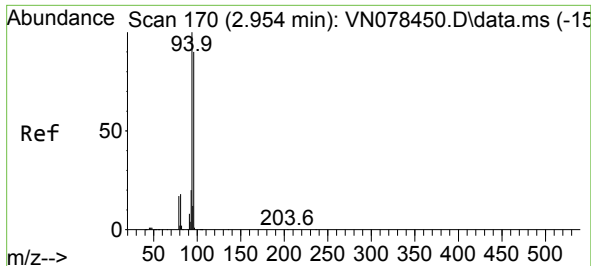
Tgt Ion: 50 Resp: 362769
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7



#4
Vinyl Chloride
Concen: 52.635 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078640.D
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Tgt Ion: 62 Resp: 449628
Ion Ratio Lower Upper
62 100
64 33.8 26.2 39.2

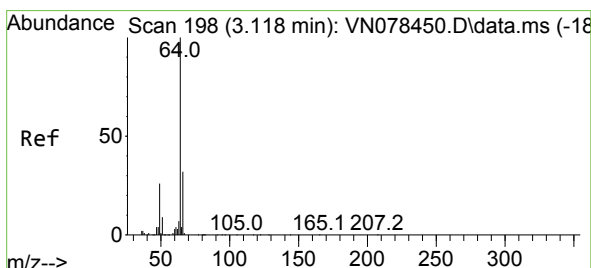
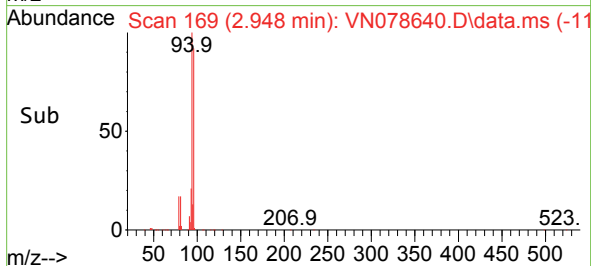
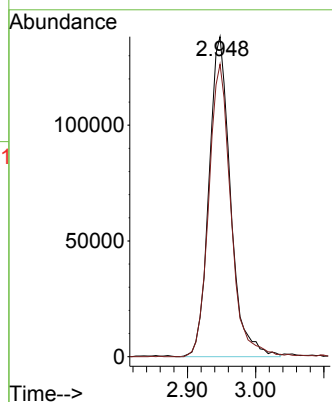
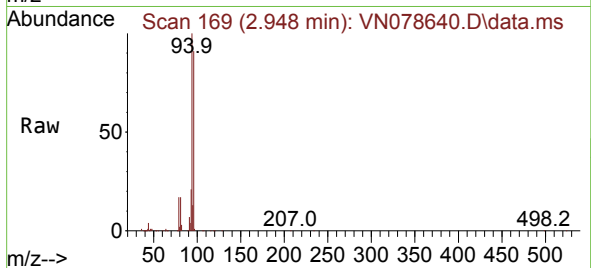




#5
Bromomethane
Concen: 57.082 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078640.D
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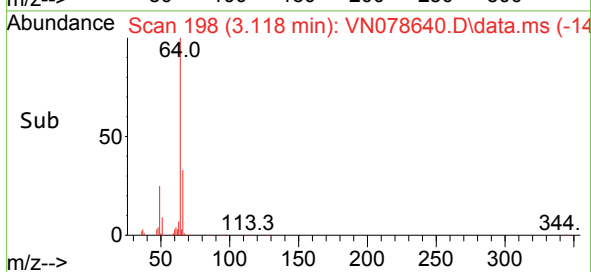
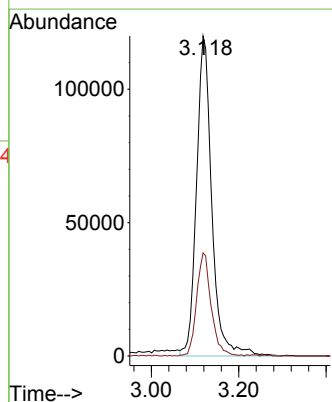
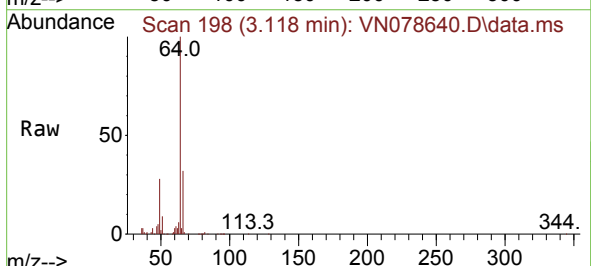
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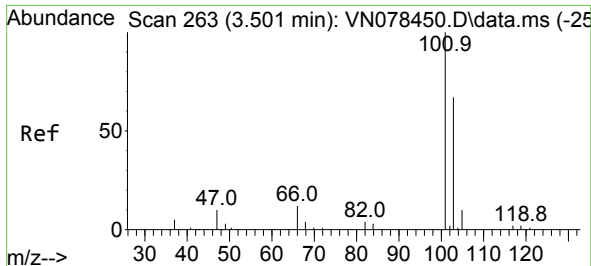
Tgt Ion: 94 Resp: 304614
Ion Ratio Lower Upper
94 100
96 91.4 73.1 109.7



#6
Chloroethane
Concen: 56.918 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 292746
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

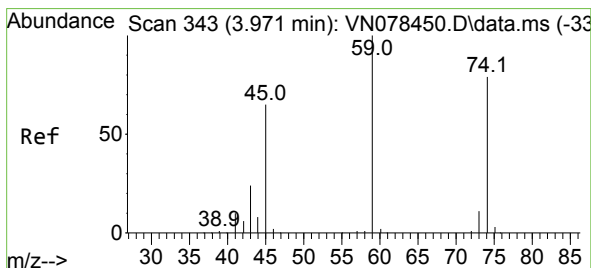
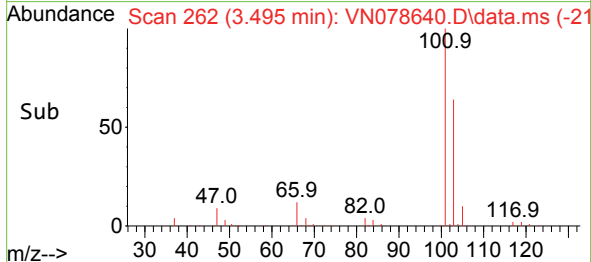
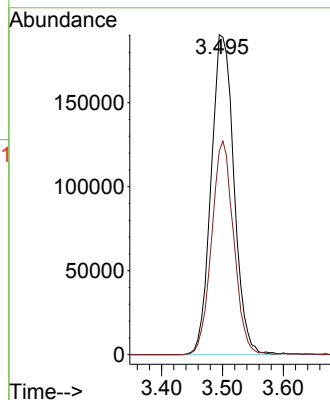
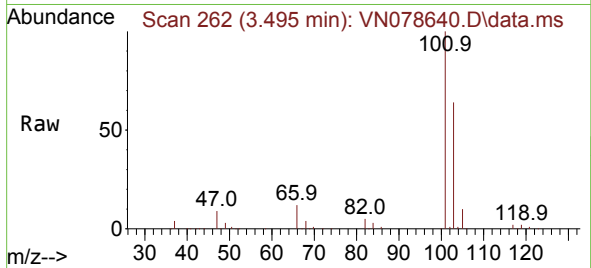




#7
 Trichlorofluoromethane
 Concen: 48.633 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN078640.D
 Acq: 25 Jul 2023 11:19

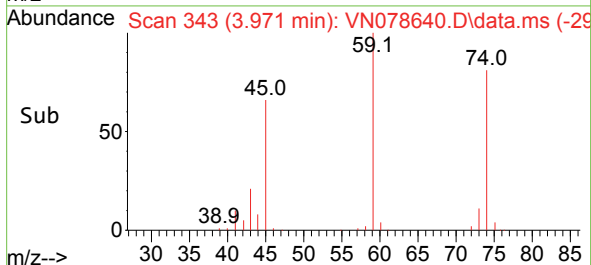
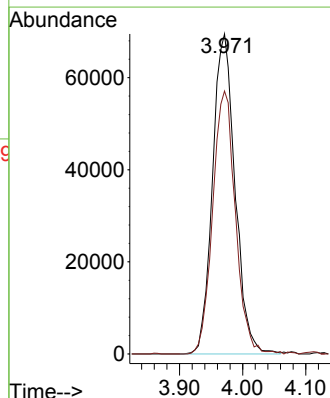
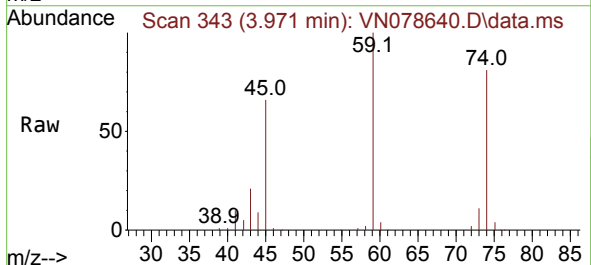
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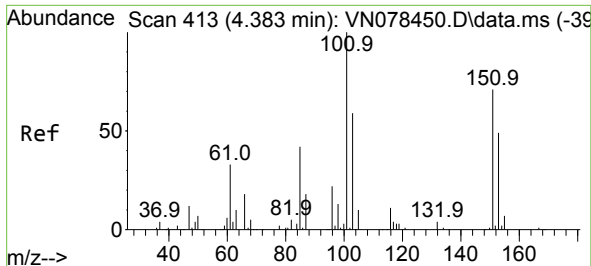
Tgt Ion:101 Resp: 496611
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 50.608 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 172176
 Ion Ratio Lower Upper
 74 100
 45 83.1 34.4 103.3

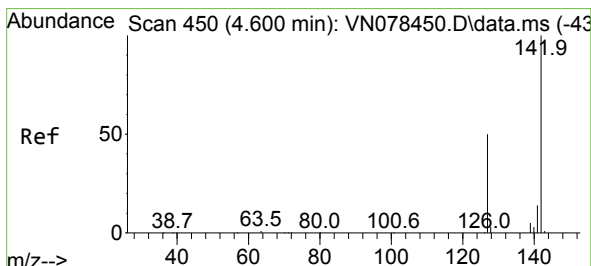
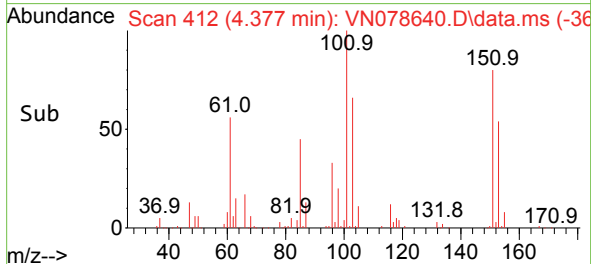
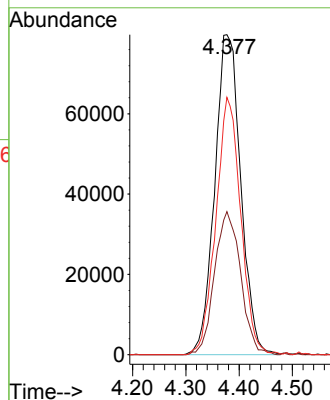
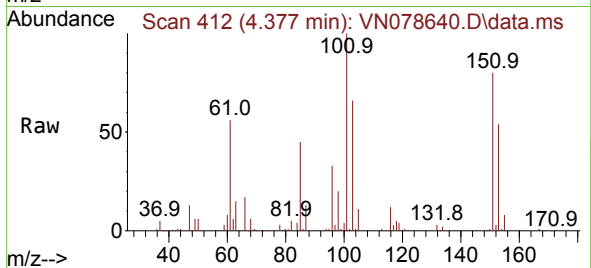




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.096 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

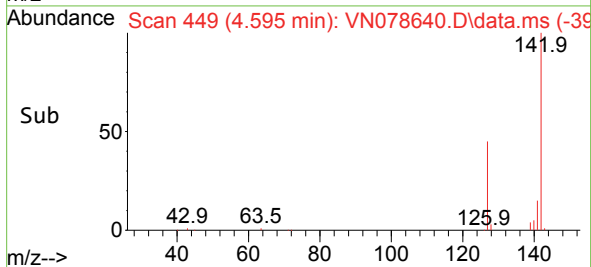
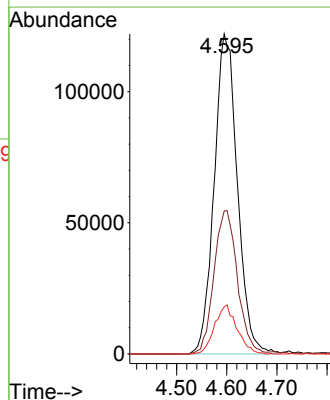
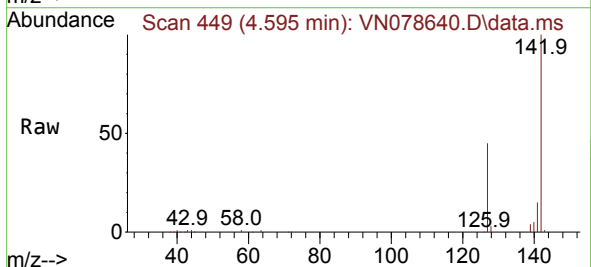
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

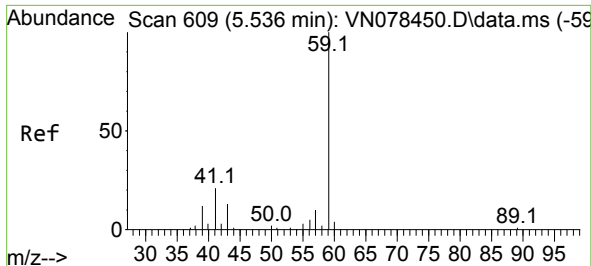
Tgt Ion:101 Resp: 270794
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 76.8 57.6 86.4



#10
Methyl Iodide
Concen: 52.814 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion:142 Resp: 392303
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.7 11.4 17.0

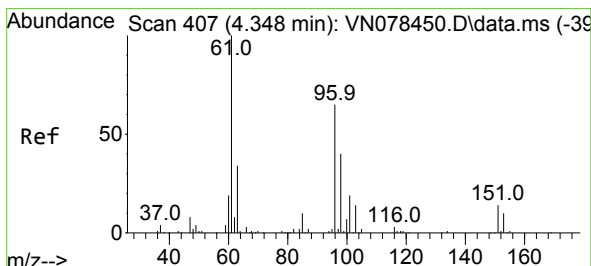
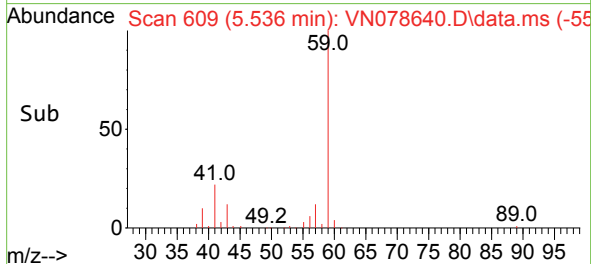
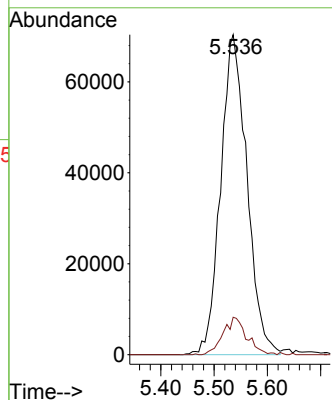
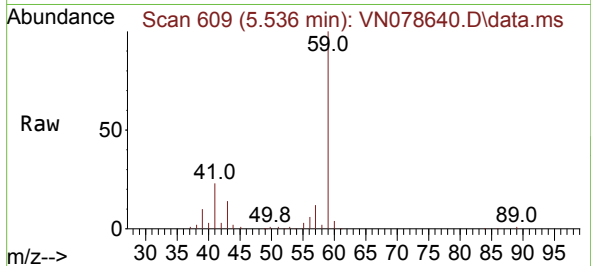




#11
Tert butyl alcohol
Concen: 235.653 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

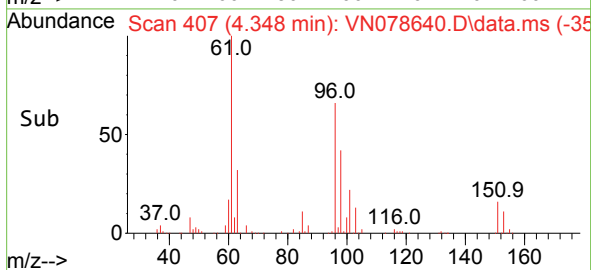
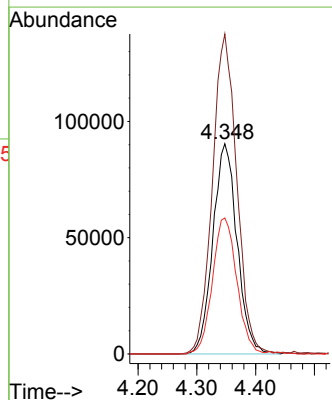
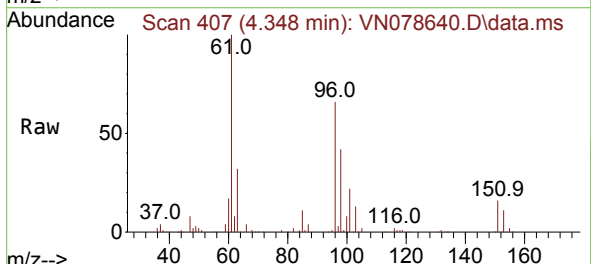
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

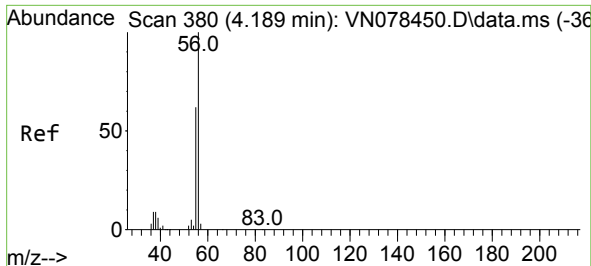
Tgt Ion: 59 Resp: 241401
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.421 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 96 Resp: 258410
Ion Ratio Lower Upper
96 100
61 152.2 112.7 169.1
98 64.6 51.2 76.8





#13

Acrolein

Concen: 204.200 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

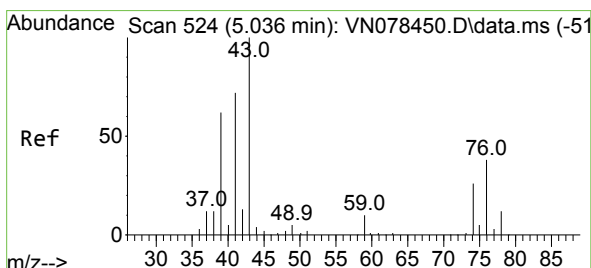
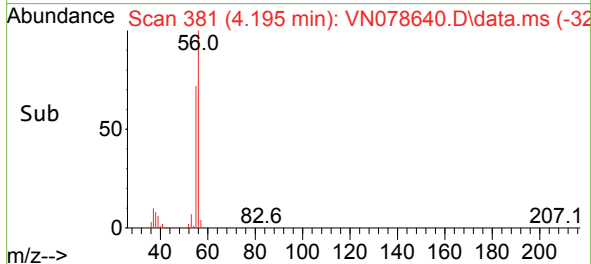
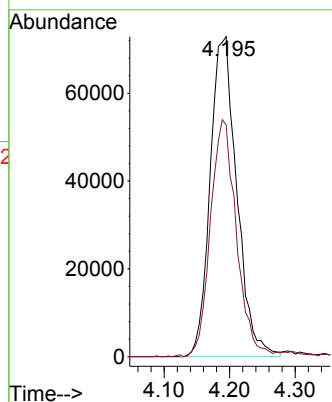
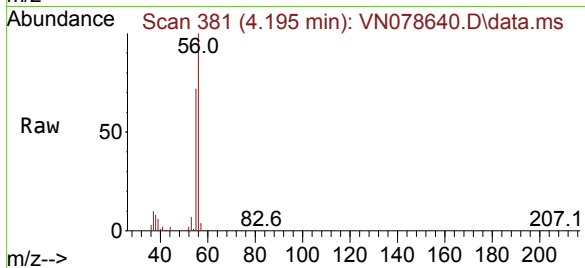
VSTDCCC050

Tgt Ion: 56 Resp: 205806

Ion Ratio Lower Upper

56 100

55 72.3 54.5 81.7



#14

Allyl chloride

Concen: 46.603 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

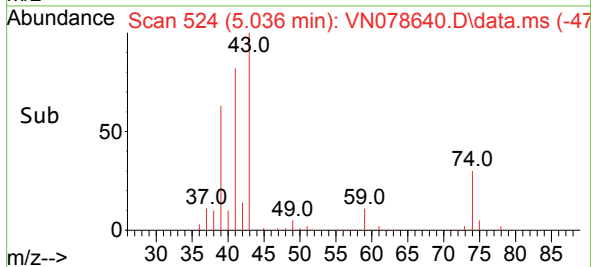
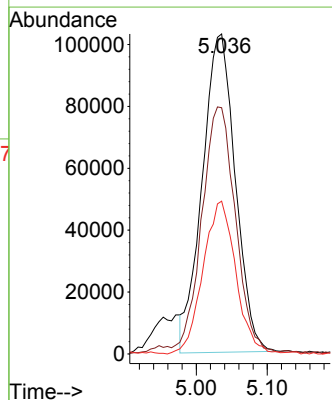
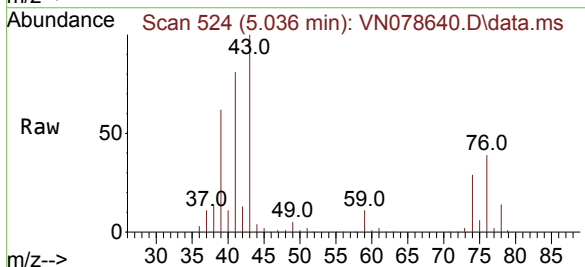
Tgt Ion: 41 Resp: 332967

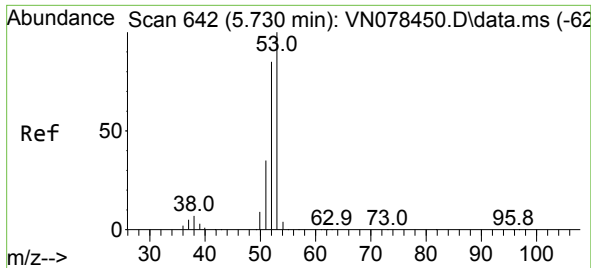
Ion Ratio Lower Upper

41 100

39 77.9 58.8 88.2

76 47.6 39.1 58.7

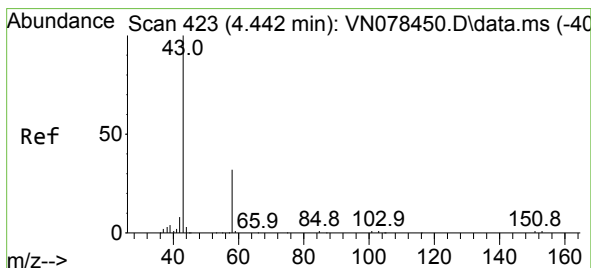
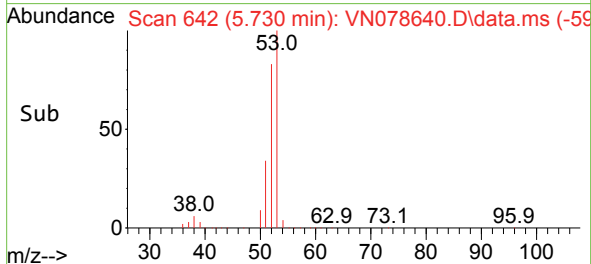
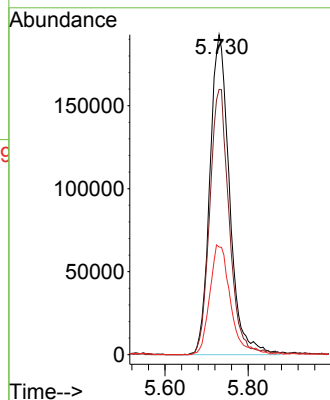
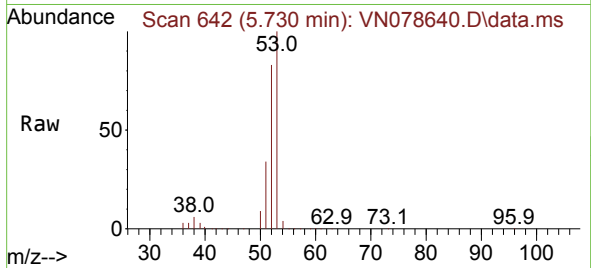




#15
Acrylonitrile
Concen: 244.415 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

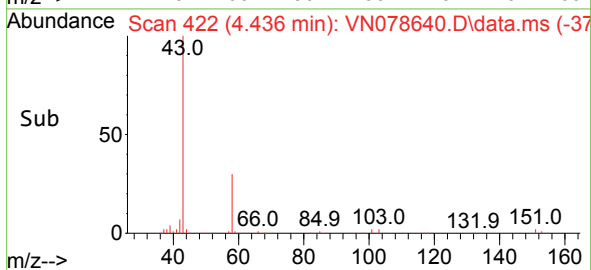
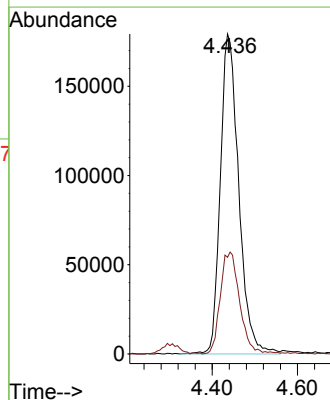
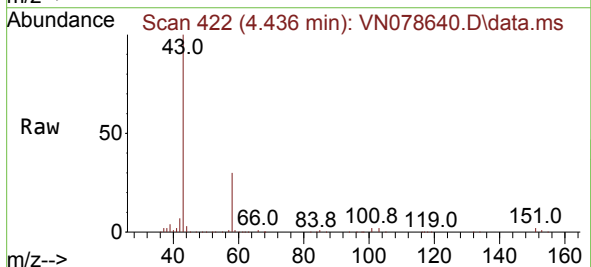
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

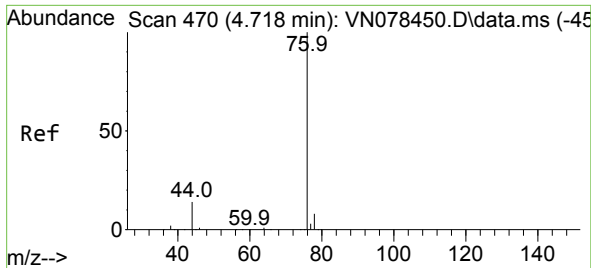
Tgt Ion: 53 Resp: 632608
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 36.2 28.9 43.3



#16
Acetone
Concen: 259.587 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 43 Resp: 537174
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0

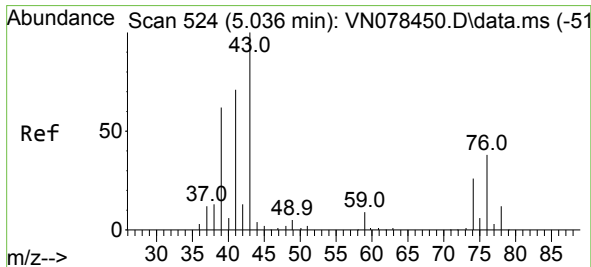
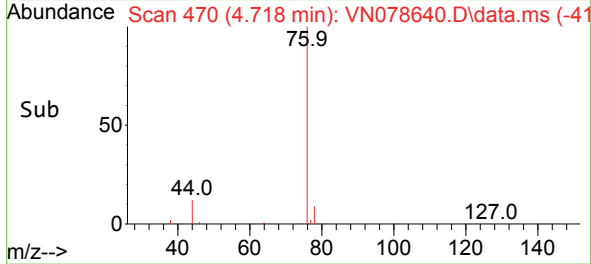
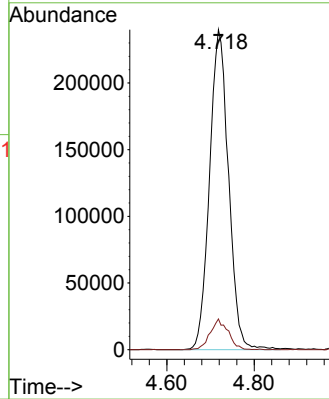
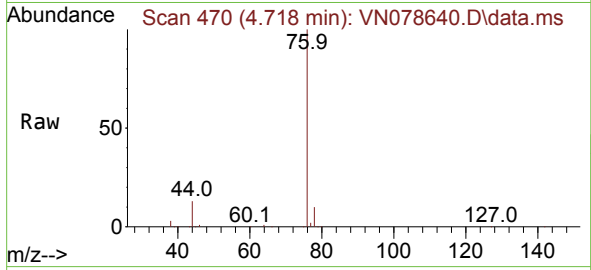




#17
Carbon Disulfide
Concen: 47.873 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

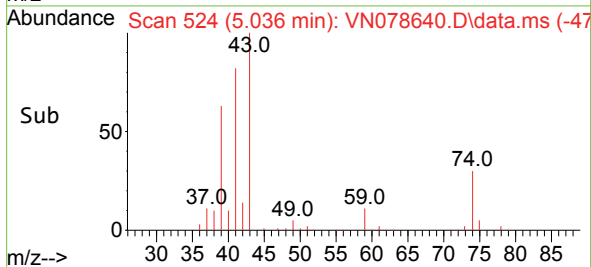
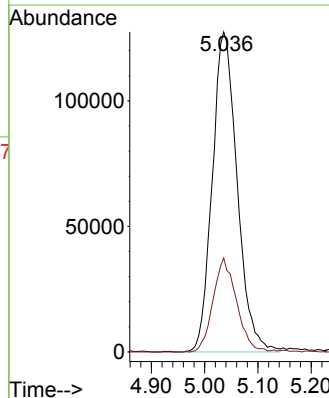
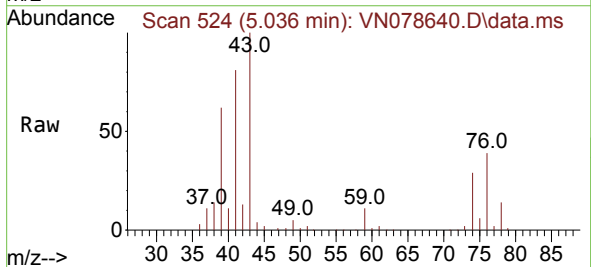
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

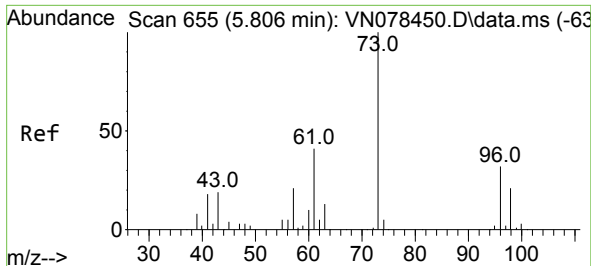
Tgt Ion: 76 Resp: 723823
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 47.196 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 43 Resp: 413431
Ion Ratio Lower Upper
43 100
74 27.6 26.2 39.4

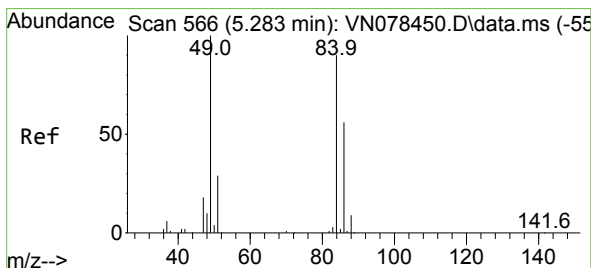
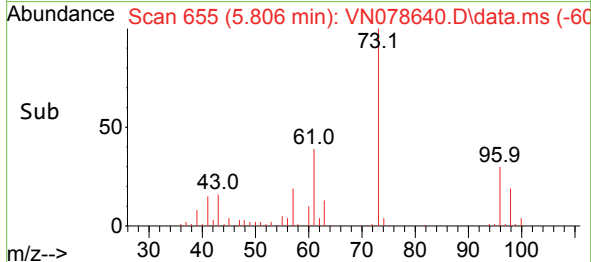
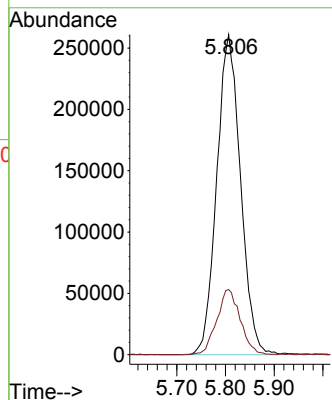
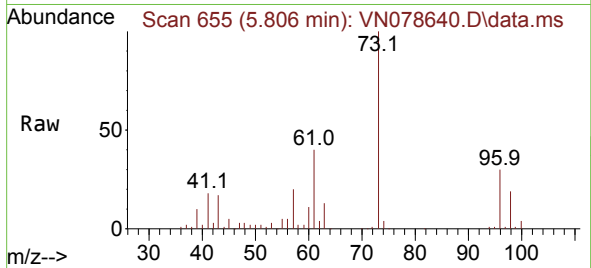




#19
Methyl tert-butyl Ether
Concen: 51.352 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

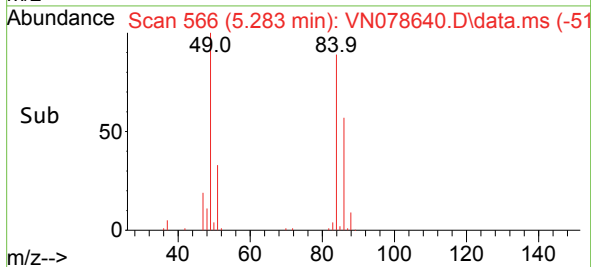
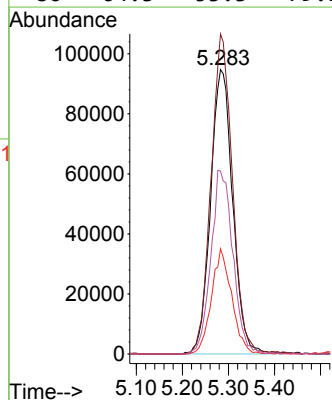
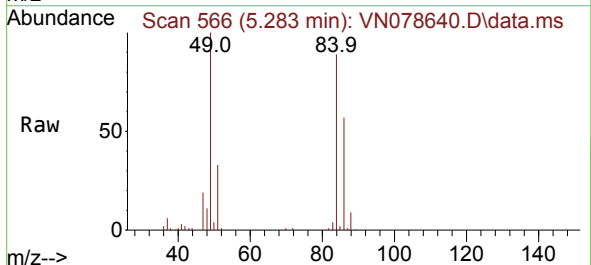
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

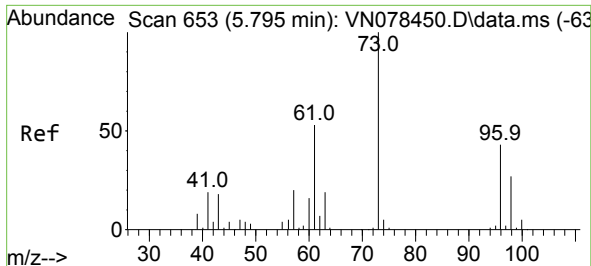
Tgt Ion: 73 Resp: 884683
Ion Ratio Lower Upper
73 100
57 20.4 15.6 23.4



#20
Methylene Chloride
Concen: 53.324 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 84 Resp: 316035
Ion Ratio Lower Upper
84 100
49 112.5 79.7 119.5
51 37.0 25.2 37.8
86 64.3 53.3 79.9

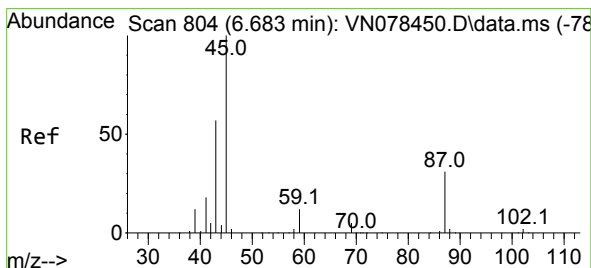
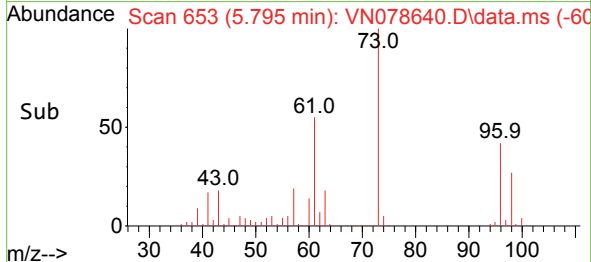
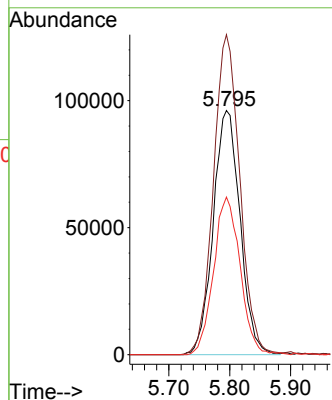
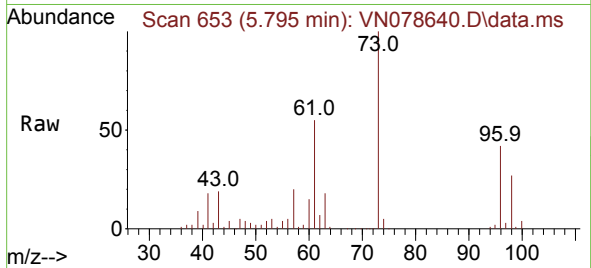




#21
trans-1,2-Dichloroethene
Concen: 49.934 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

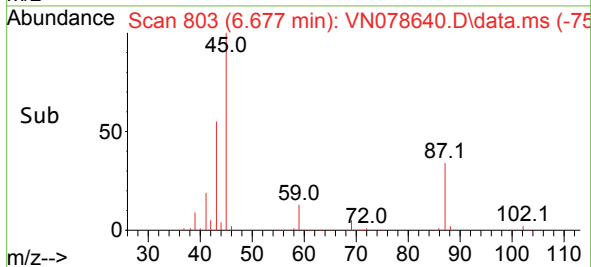
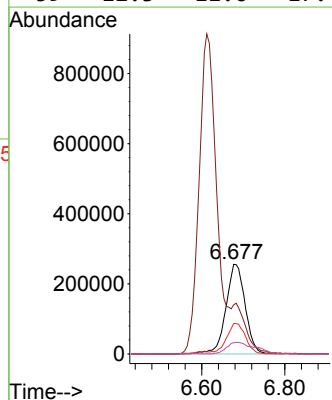
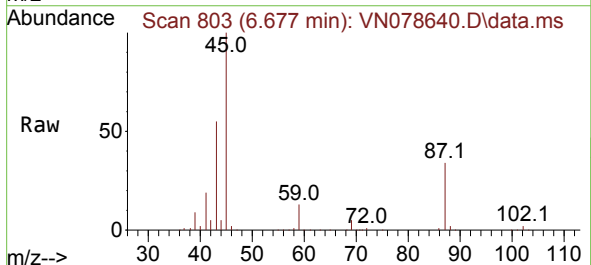
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

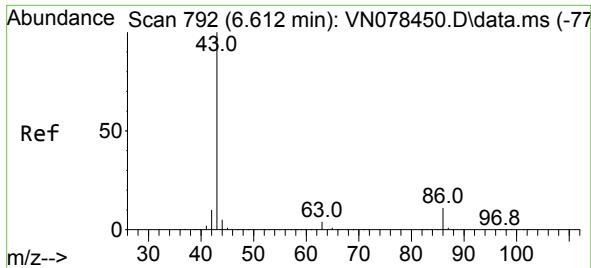
Tgt Ion: 96 Resp: 294220
Ion Ratio Lower Upper
96 100
61 131.1 90.1 135.1
98 64.5 46.4 69.6



#22
Diisopropyl ether
Concen: 51.369 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 45 Resp: 821823
Ion Ratio Lower Upper
45 100
43 54.4 45.5 68.3
87 33.7 31.8 47.8
59 12.3 11.6 17.4





#23

Vinyl Acetate

Concen: 264.677 ug/l

RT: 6.612 min Scan# 792

Delta R.T. 0.000 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

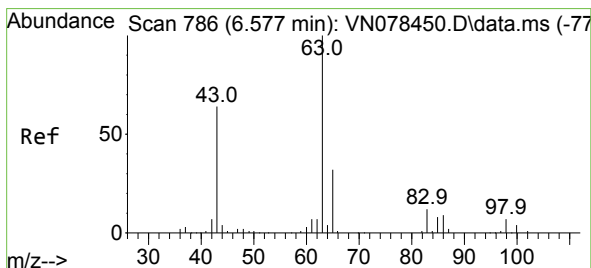
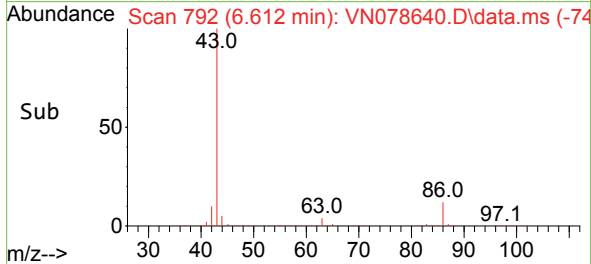
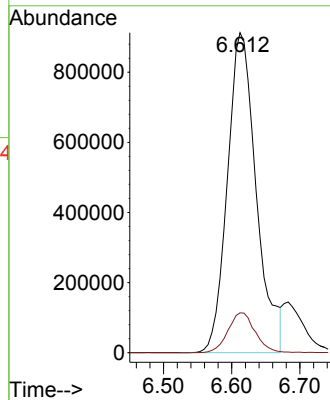
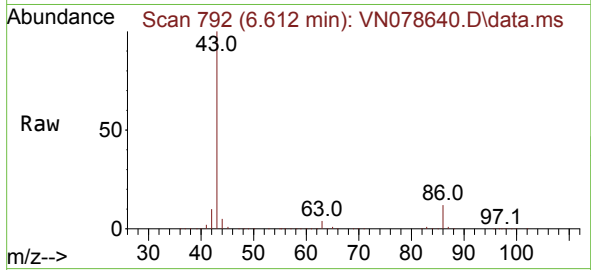
VSTDCCC050

Tgt Ion: 43 Resp: 2691947

Ion Ratio Lower Upper

43 100

86 12.5 13.0 19.6#



#24

1,1-Dichloroethane

Concen: 48.909 ug/l

RT: 6.577 min Scan# 786

Delta R.T. -0.000 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

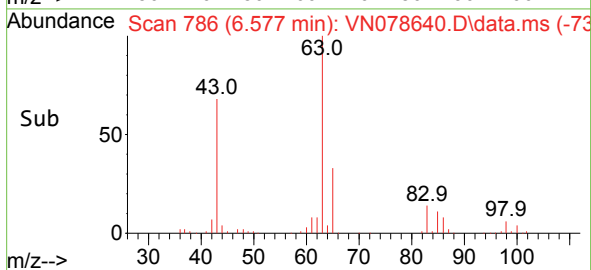
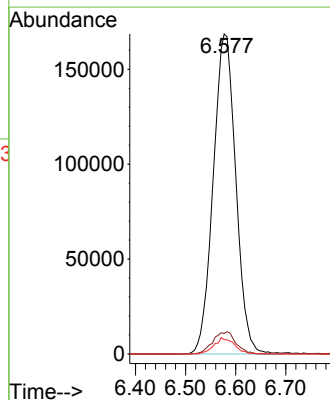
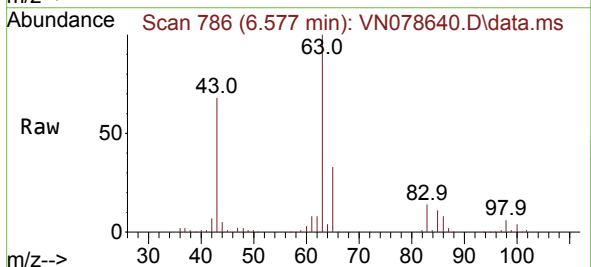
Tgt Ion: 63 Resp: 527242

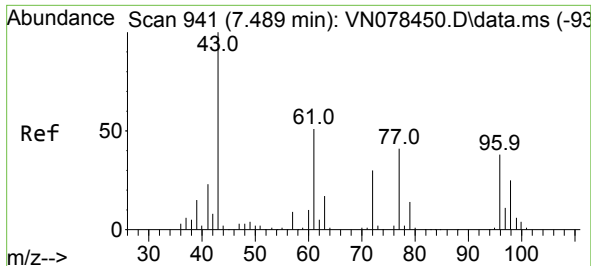
Ion Ratio Lower Upper

63 100

98 6.4 3.9 11.7

100 4.5 2.5 7.4

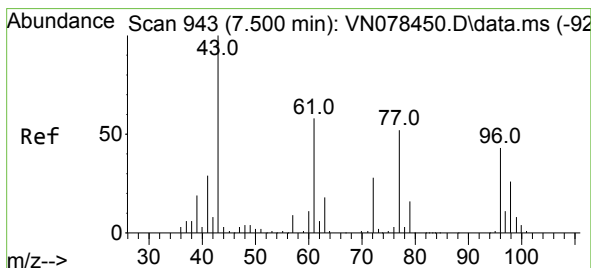
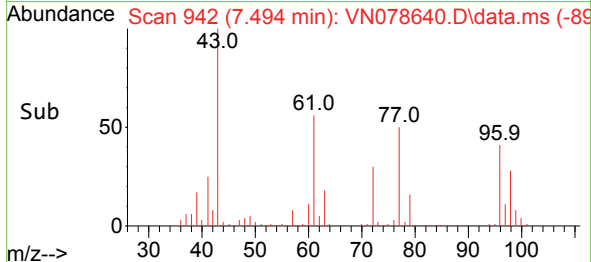
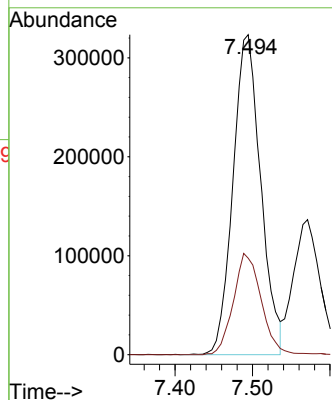
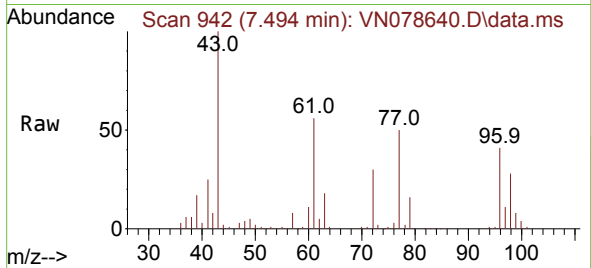




#25
2-Butanone
Concen: 247.515 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

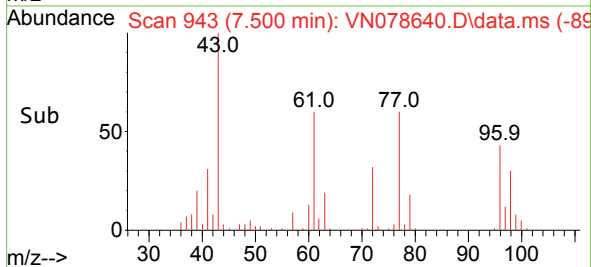
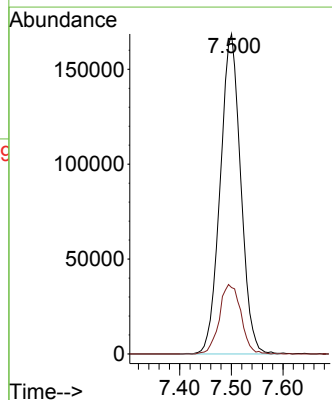
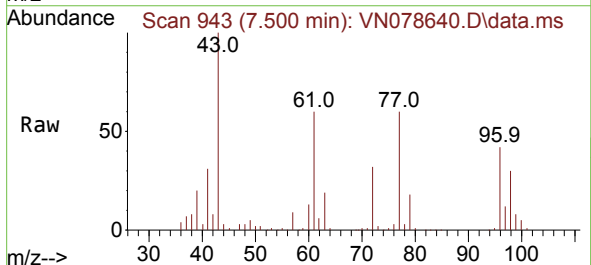
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

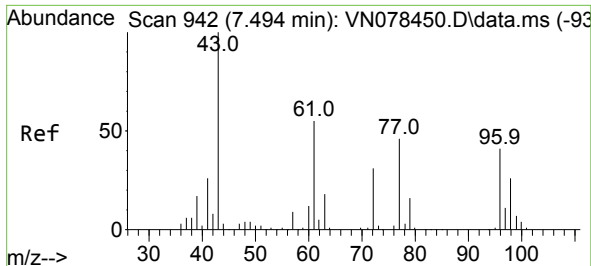
Tgt Ion: 43 Resp: 806261
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 52.670 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 77 Resp: 464396
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.403 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

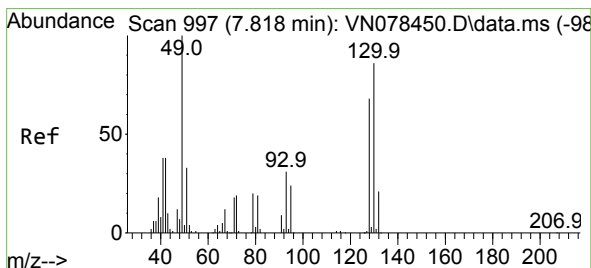
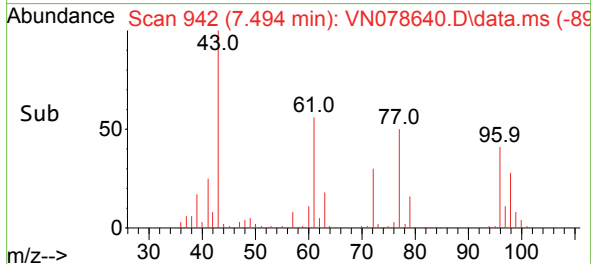
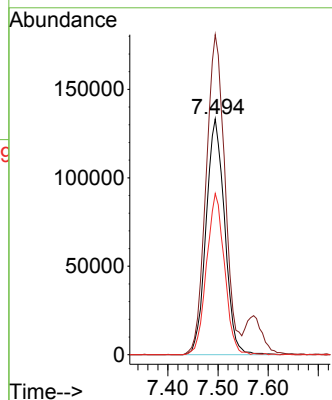
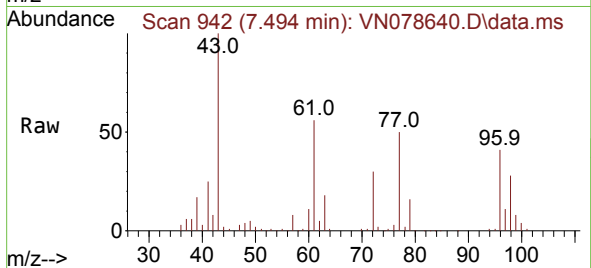
Tgt Ion: 96 Resp: 343561

Ion Ratio Lower Upper

96 100

61 138.0 0.0 255.2

98 66.3 0.0 128.8



#28

Bromochloromethane

Concen: 46.660 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

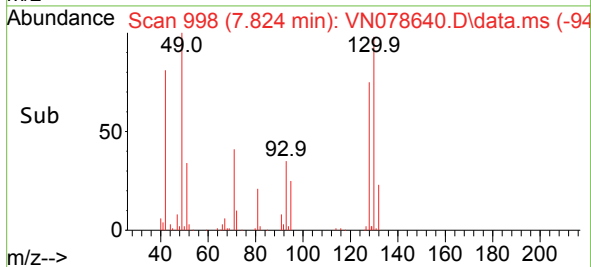
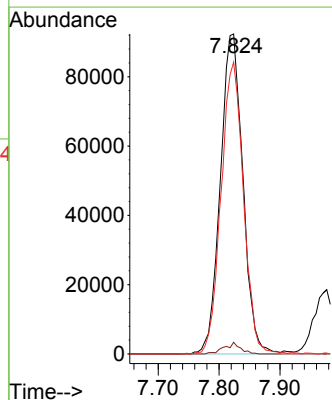
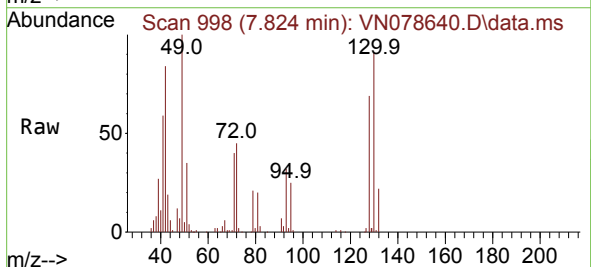
Tgt Ion: 49 Resp: 236914

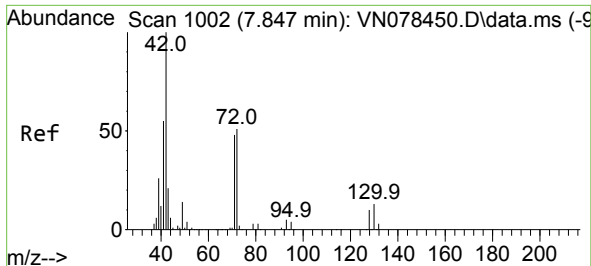
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

130 90.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 242.216 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

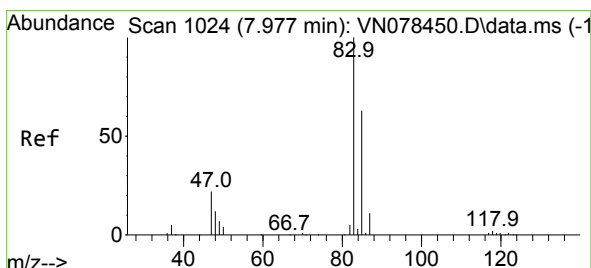
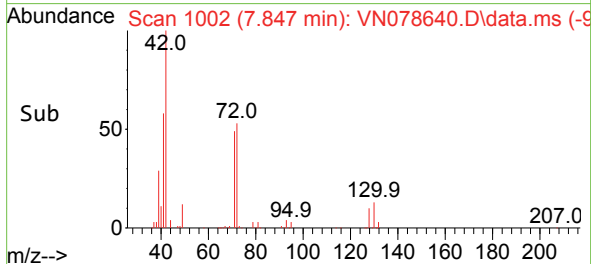
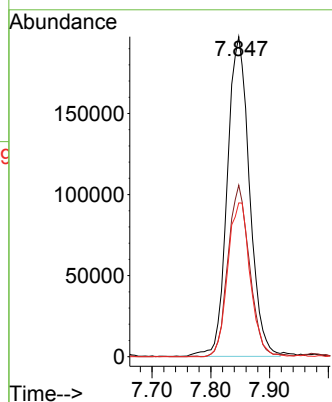
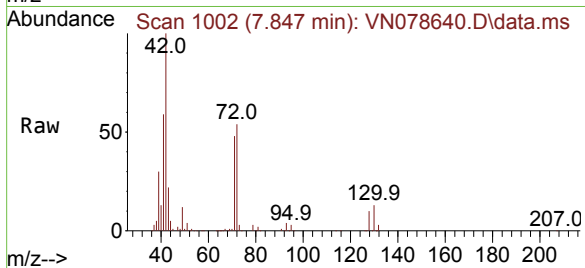
Tgt Ion: 42 Resp: 517717

Ion Ratio Lower Upper

42 100

72 52.1 49.8 74.6

71 48.9 47.4 71.2



#30

Chloroform

Concen: 50.165 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078640.D

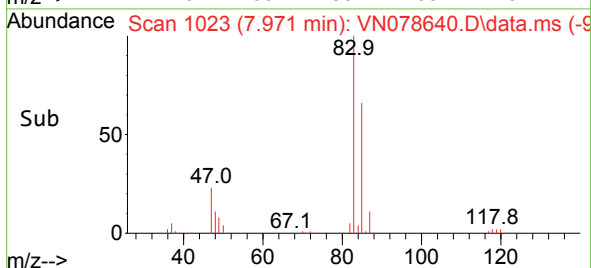
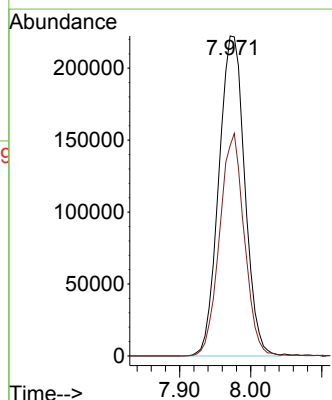
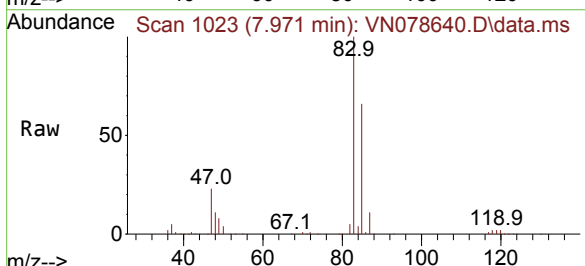
Acq: 25 Jul 2023 11:19

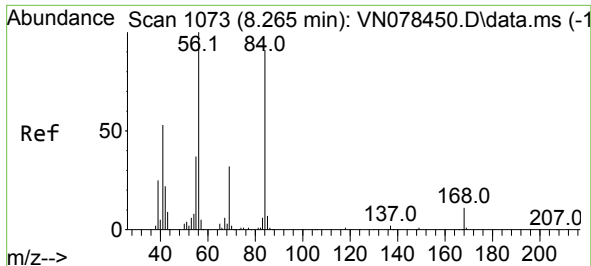
Tgt Ion: 83 Resp: 563014

Ion Ratio Lower Upper

83 100

85 65.7 55.4 83.0

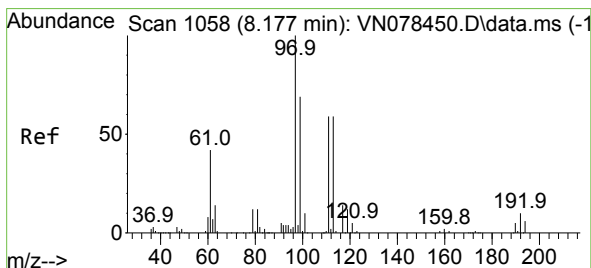
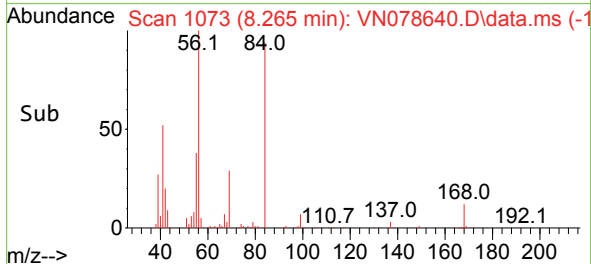
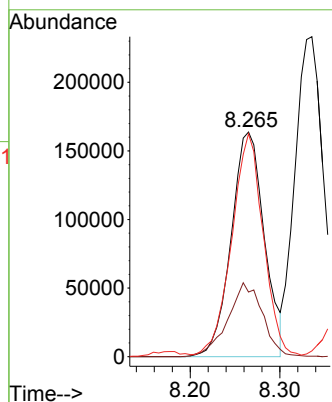
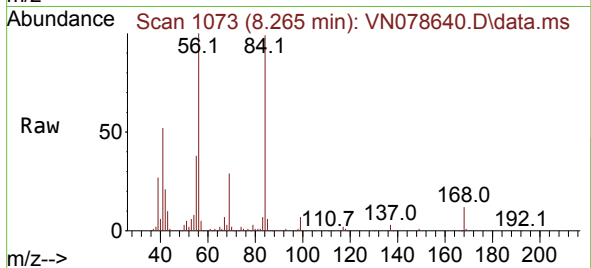




#31
Cyclohexane
Concen: 46.781 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

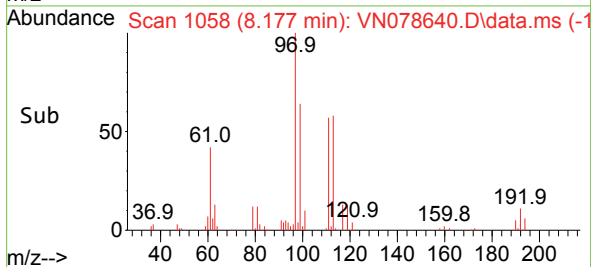
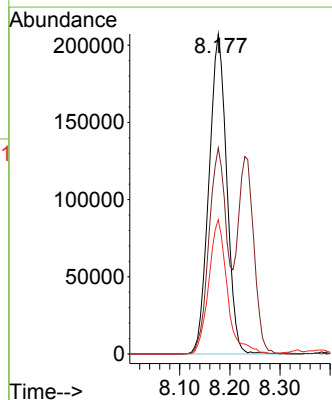
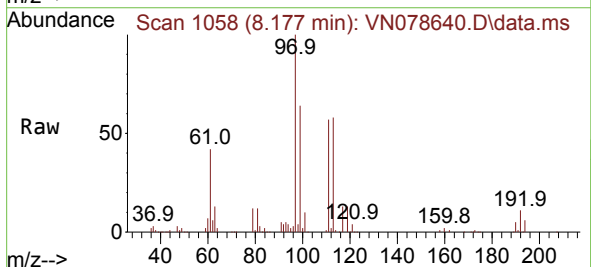
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

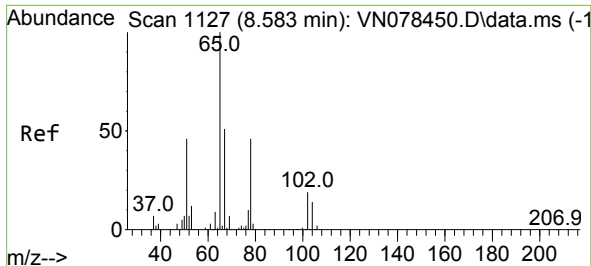
Tgt Ion: 56 Resp: 419993
Ion Ratio Lower Upper
56 100
69 28.8 26.8 40.2
84 97.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 50.681 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 97 Resp: 509971
Ion Ratio Lower Upper
97 100
99 66.3 50.3 75.5
61 43.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.122 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

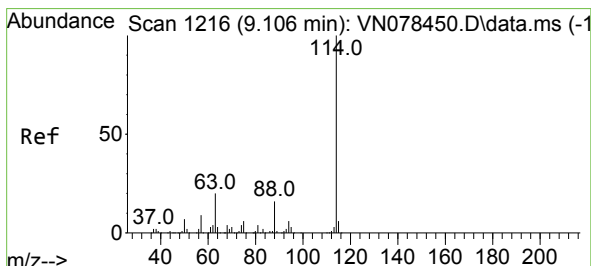
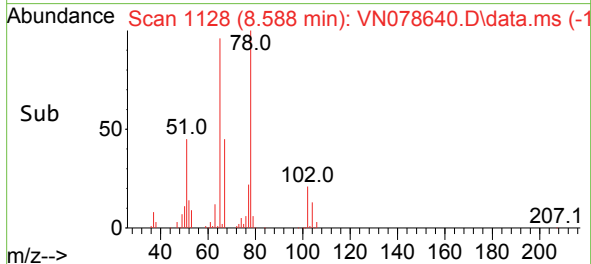
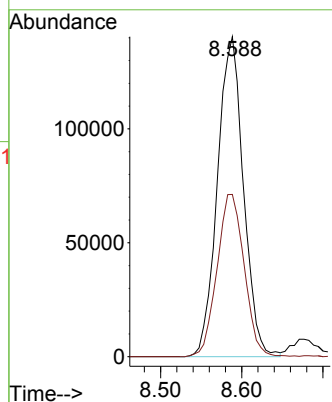
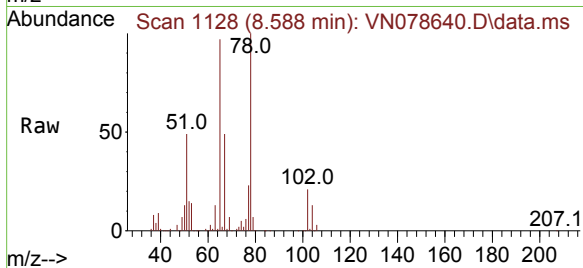
VSTDCCC050

Tgt Ion: 65 Resp: 313036

Ion Ratio Lower Upper

65 100

67 53.0 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: VN078640.D

Acq: 25 Jul 2023 11:19

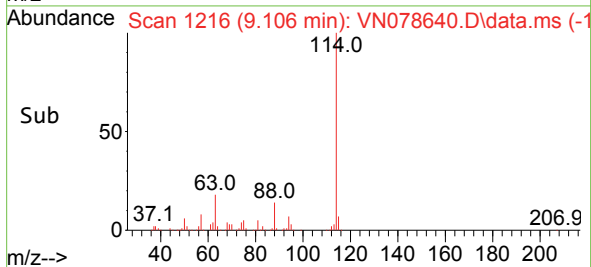
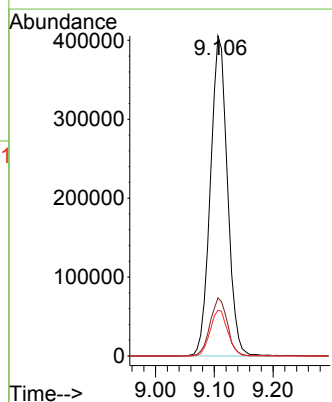
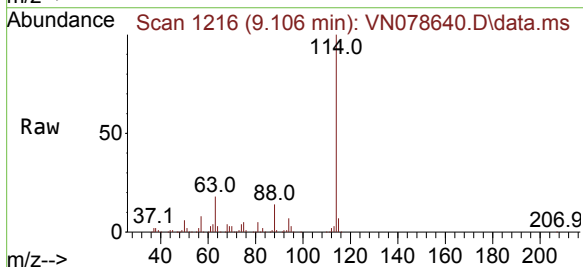
Tgt Ion: 114 Resp: 816463

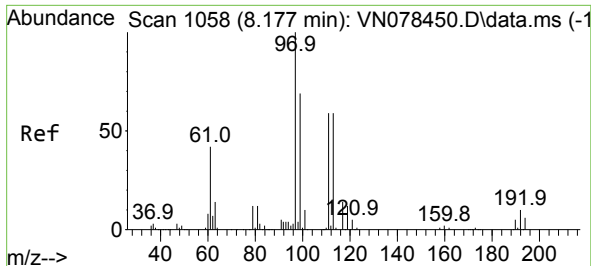
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 14.3 0.0 30.6

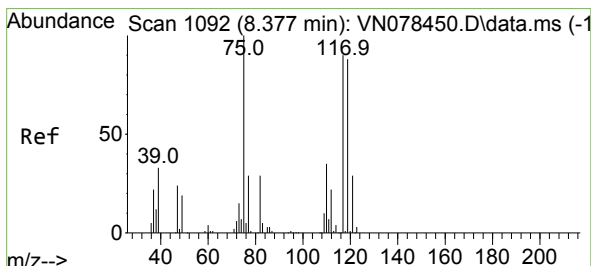
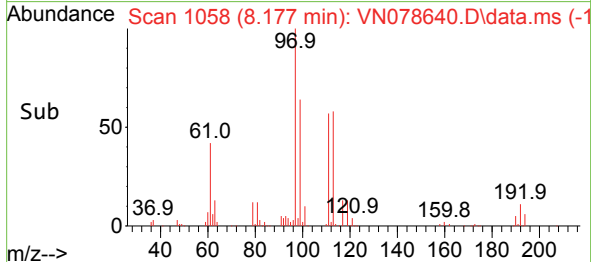
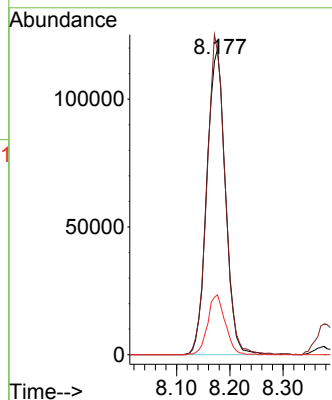
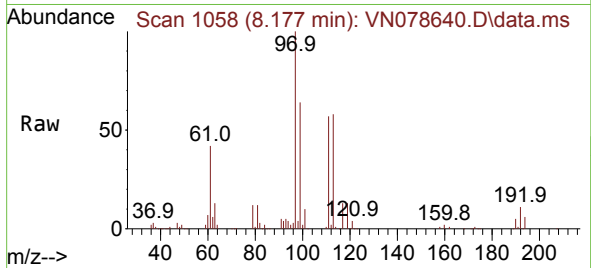




#35
Dibromofluoromethane
Concen: 52.121 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

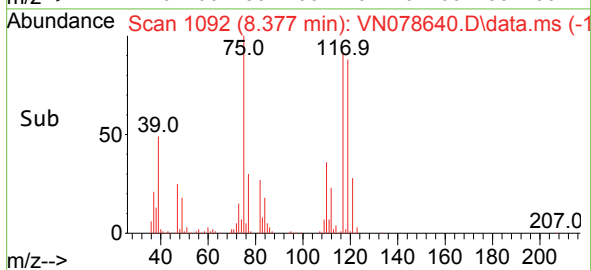
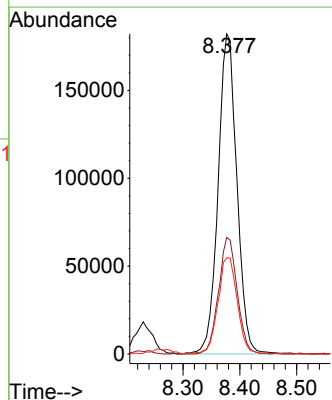
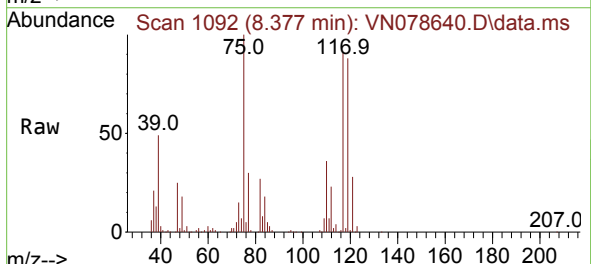
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

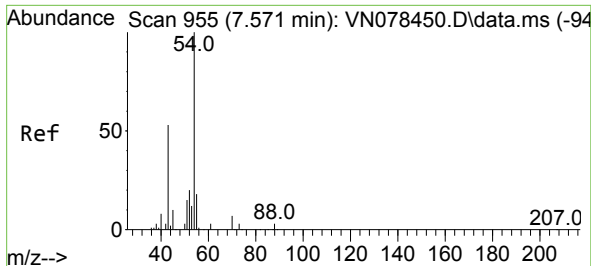
Tgt Ion:113 Resp: 288874
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 18.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 52.386 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 75 Resp: 419235
Ion Ratio Lower Upper
75 100
110 36.1 19.1 57.3
77 30.6 25.0 37.4

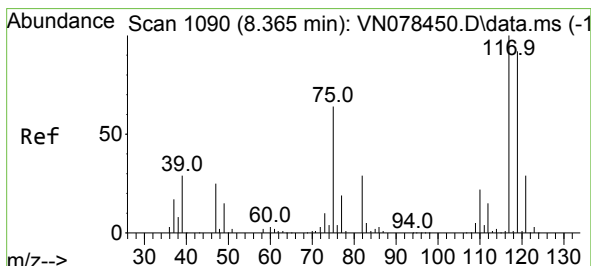
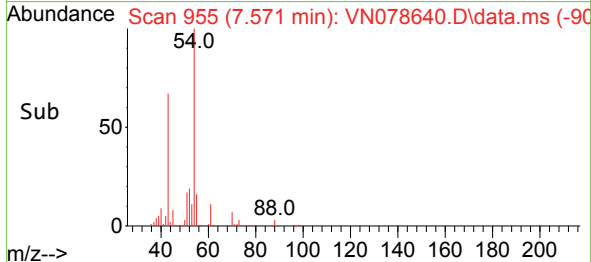
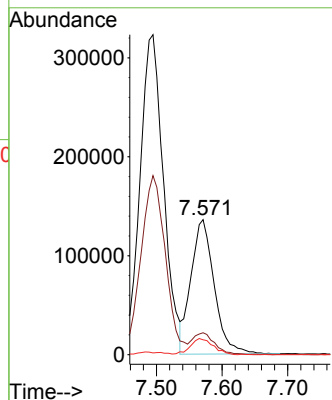
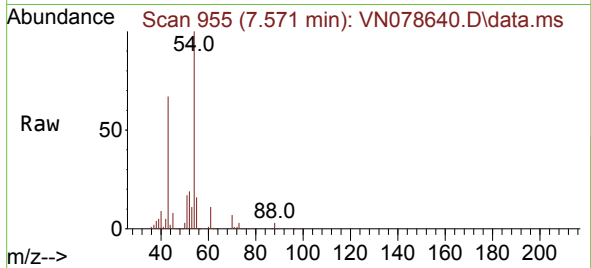




#37
Ethyl Acetate
Concen: 50.361 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

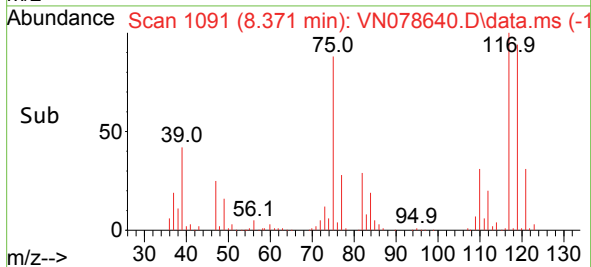
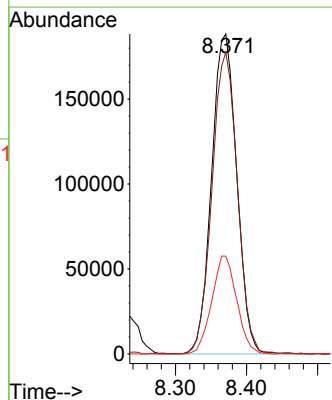
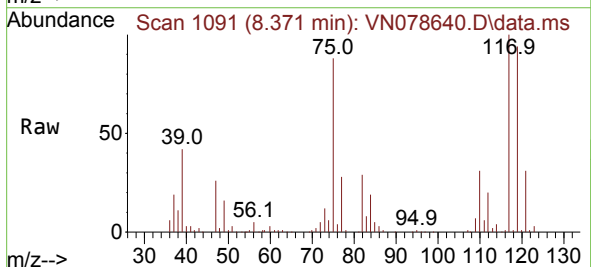
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

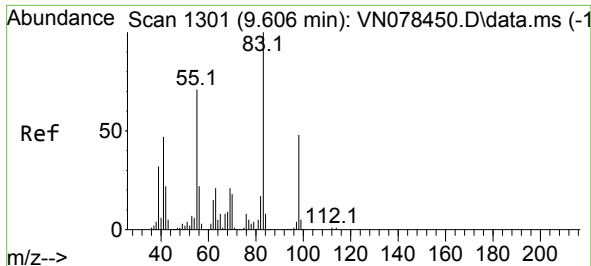
Tgt Ion: 43 Resp: 335968
Ion Ratio Lower Upper
43 100
61 15.0 13.2 19.8
70 11.8 11.3 16.9



#38
Carbon Tetrachloride
Concen: 53.227 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 117 Resp: 462951
Ion Ratio Lower Upper
117 100
119 94.2 77.3 115.9
121 30.6 23.3 34.9

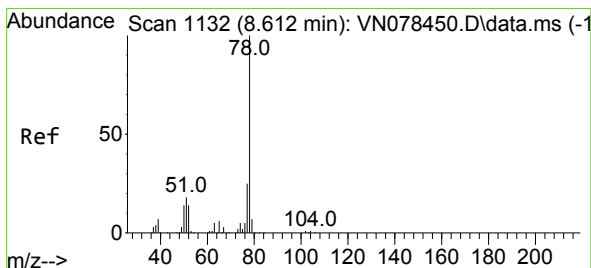
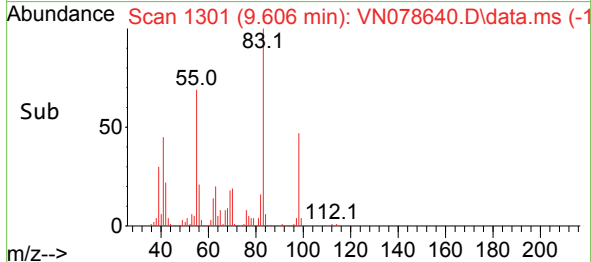
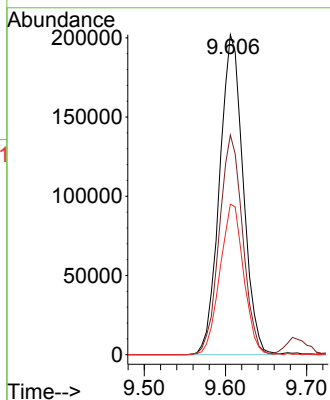
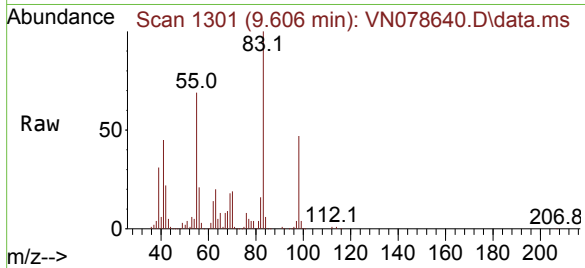




#39
Methylcyclohexane
Concen: 55.831 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

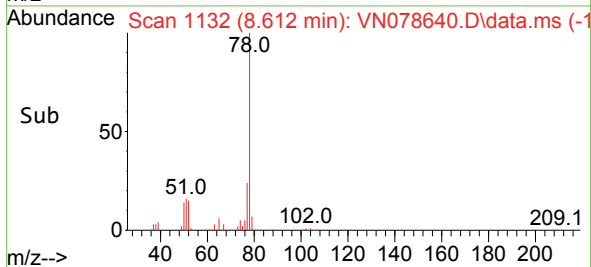
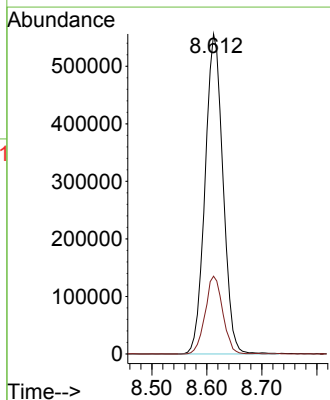
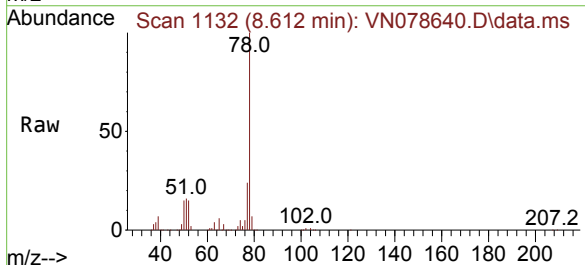
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 407834
Ion Ratio Lower Upper
83 100
55 68.7 49.1 73.7
98 47.0 40.6 61.0



#40
Benzene
Concen: 53.065 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 78 Resp: 1258094
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6

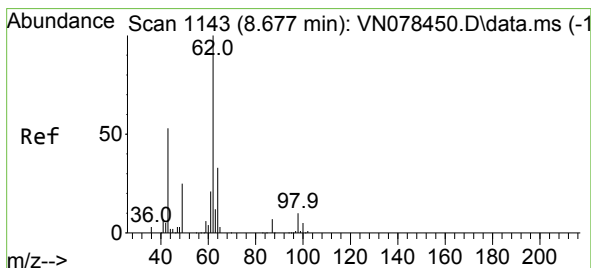
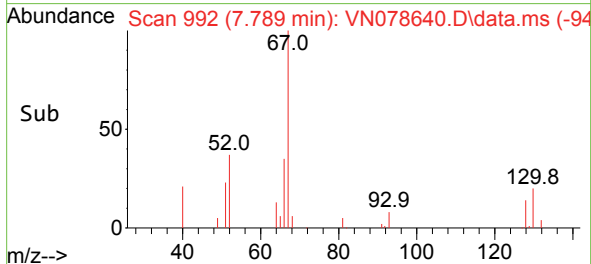
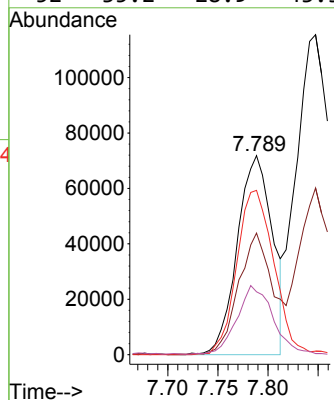
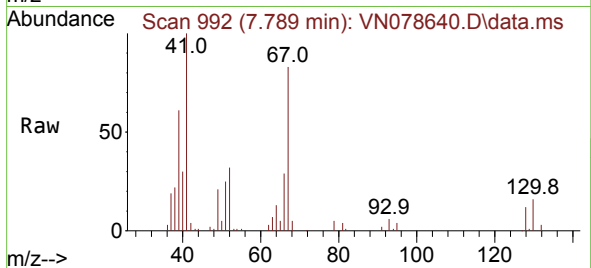




#41
Methacrylonitrile
Concen: 51.494 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.001 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

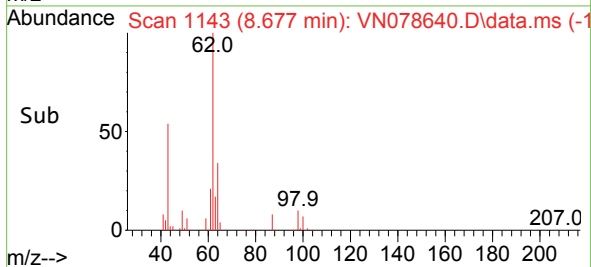
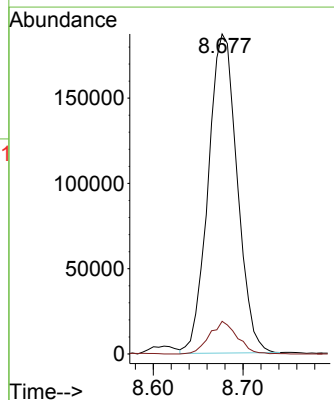
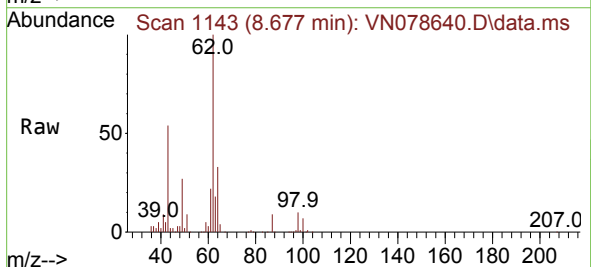
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

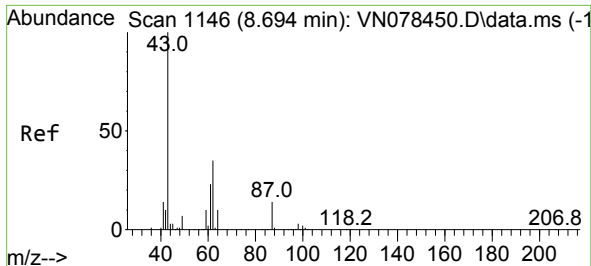
Tgt Ion:	41	Resp:	175124
Ion	Ratio	Lower	Upper
41	100		
39	61.2	42.6	64.0
67	87.9	77.5	116.3
52	35.2	28.9	43.3



#42
1,2-Dichloroethane
Concen: 52.030 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion:	62	Resp:	419580
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8

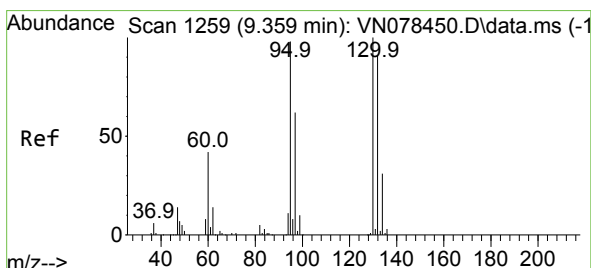
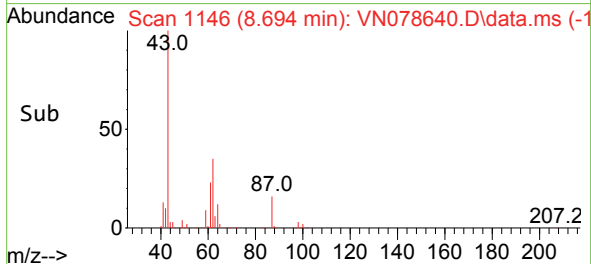
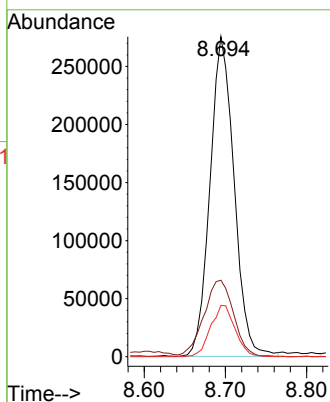
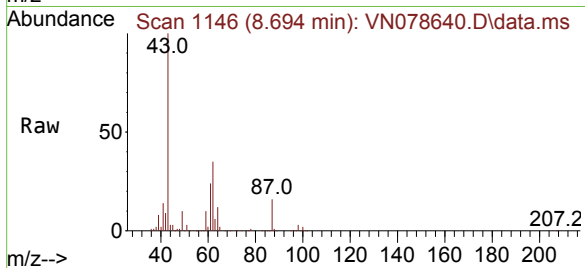




#43
Isopropyl Acetate
Concen: 51.763 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

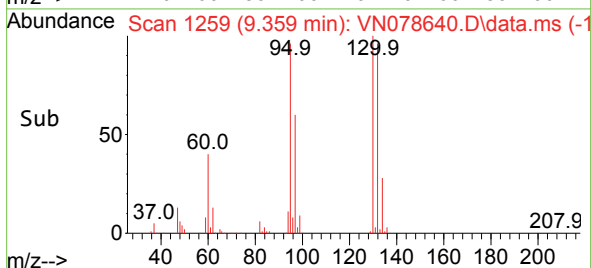
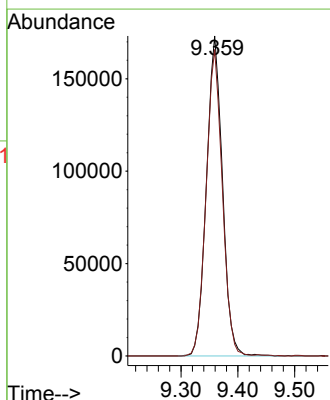
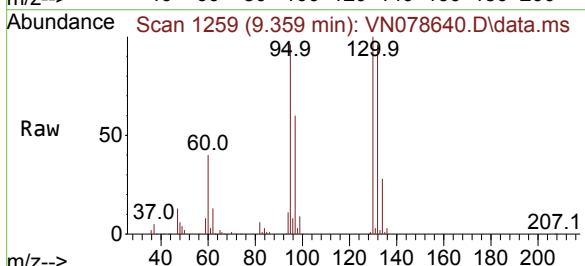
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

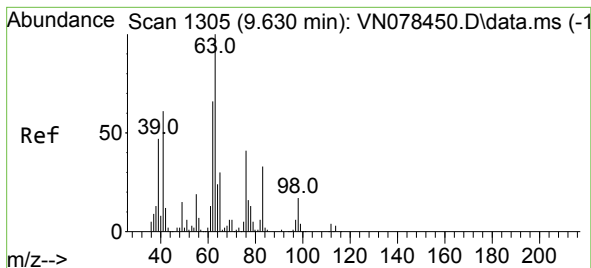
Tgt Ion: 43 Resp: 568527
Ion Ratio Lower Upper
43 100
61 29.5 24.7 37.1
87 16.3 14.6 21.8



#44
Trichloroethene
Concen: 53.031 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion:130 Resp: 338866
Ion Ratio Lower Upper
130 100
95 95.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.566 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

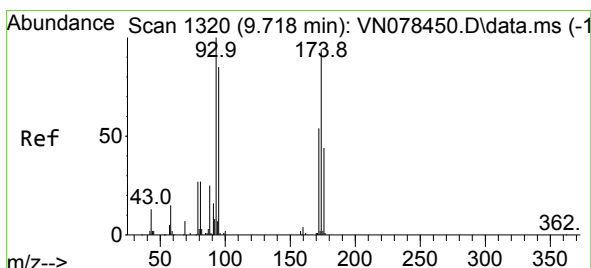
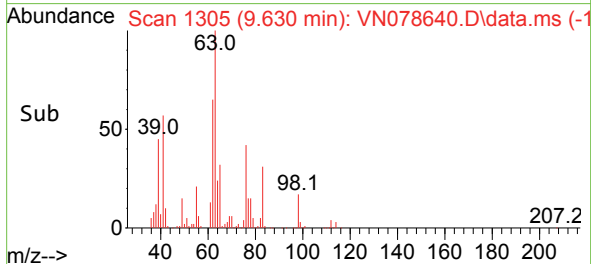
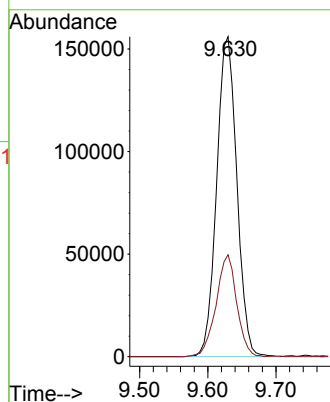
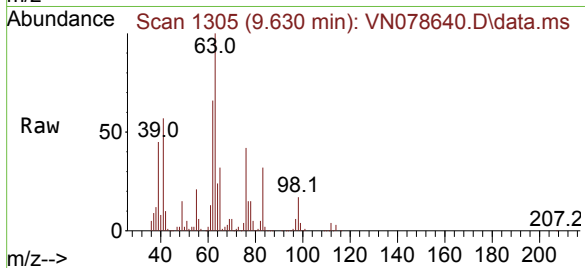
VSTDCCC050

Tgt Ion: 63 Resp: 321654

Ion Ratio Lower Upper

63 100

65 31.9 23.9 35.9



#46

Dibromomethane

Concen: 55.045 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

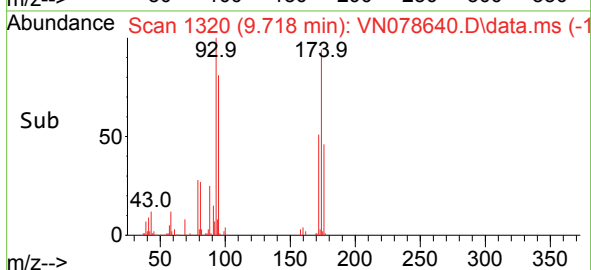
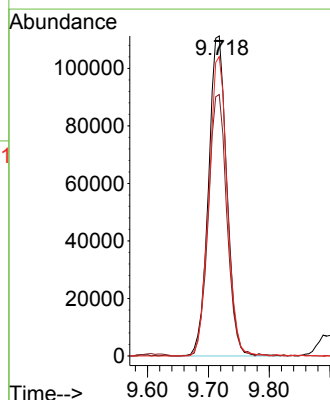
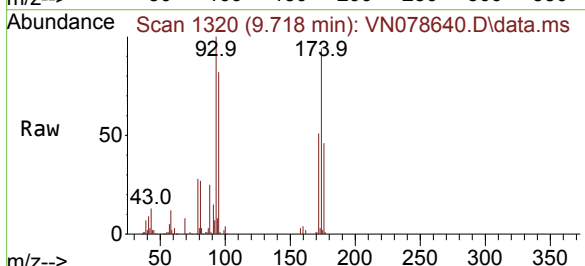
Tgt Ion: 93 Resp: 232641

Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

174 93.7 65.6 98.4

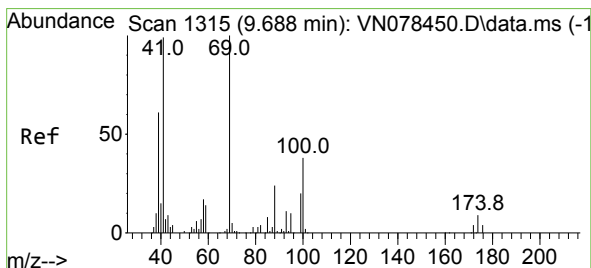
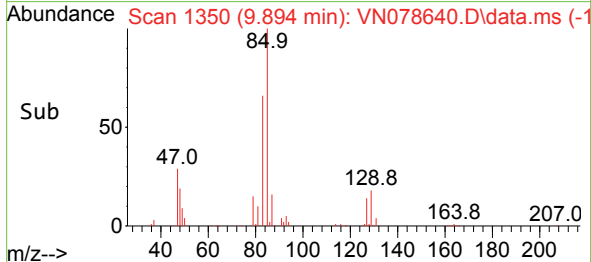
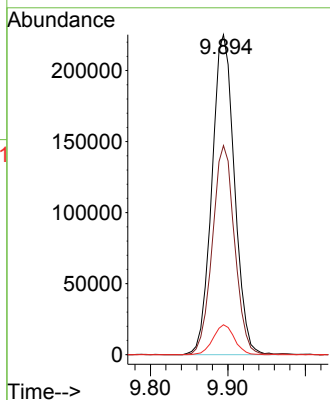
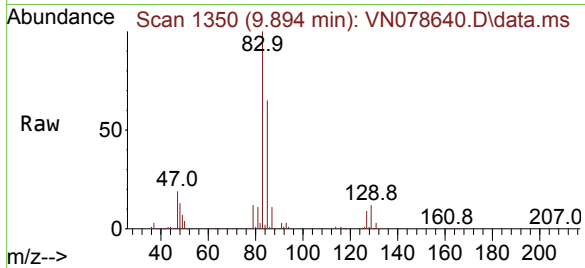




#47
Bromodichloromethane
Concen: 53.673 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

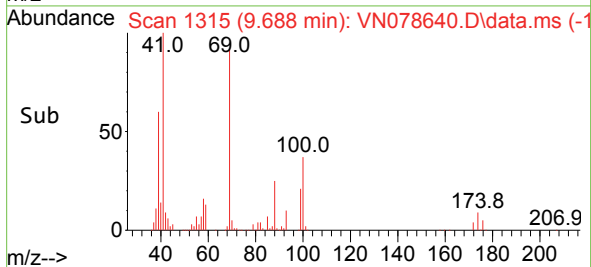
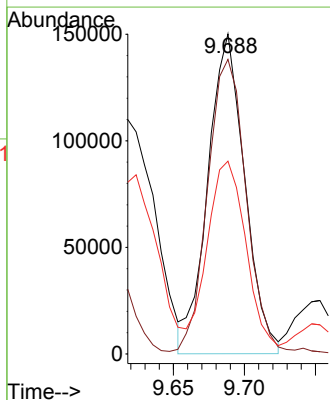
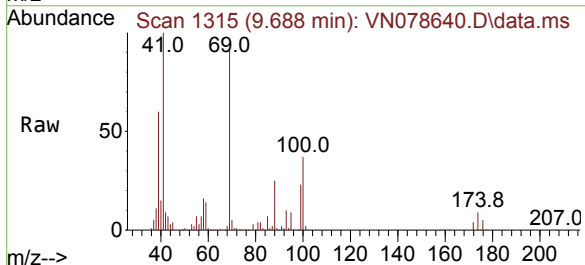
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

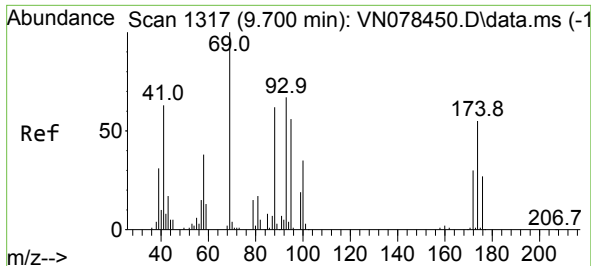
Tgt Ion: 83 Resp: 454715
Ion Ratio Lower Upper
83 100
85 65.3 49.6 74.4
127 9.4 7.0 10.6



#48
Methyl methacrylate
Concen: 53.273 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 41 Resp: 271078
Ion Ratio Lower Upper
41 100
69 97.5 90.4 135.6
39 63.3 54.6 81.8





#49

1,4-Dioxane

Concen: 1059.848 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

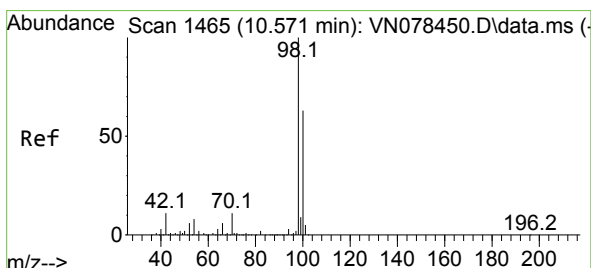
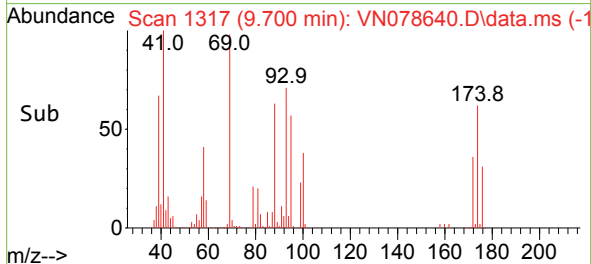
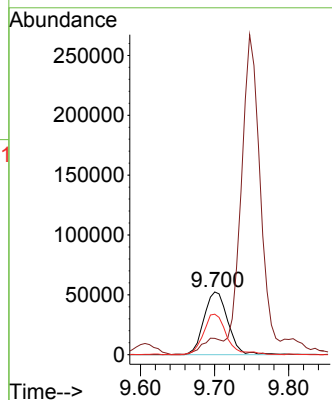
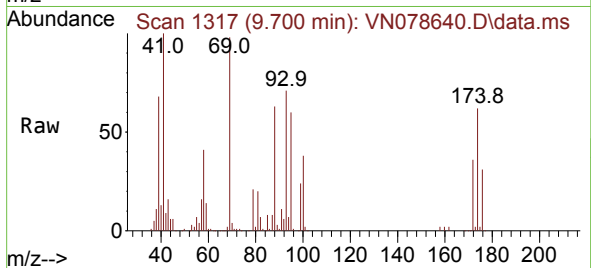
Tgt Ion: 88 Resp: 117611

Ion Ratio Lower Upper

88 100

43 21.7 17.0 25.6

58 62.7 47.0 70.4



#50

Toluene-d8

Concen: 48.252 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078640.D

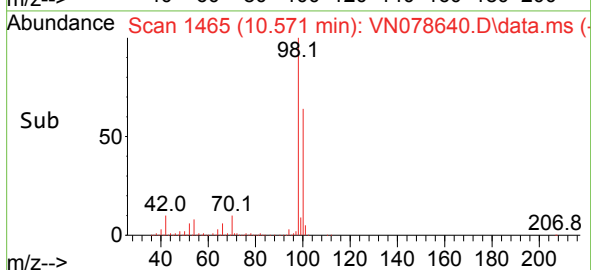
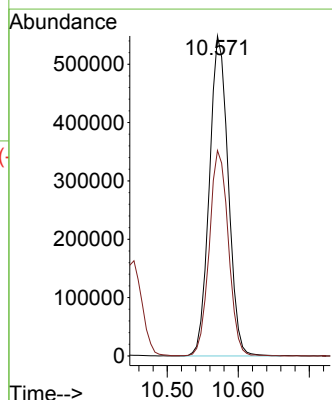
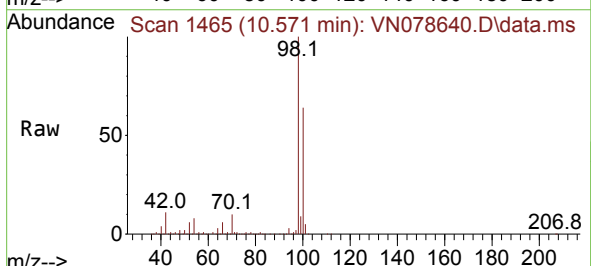
Acq: 25 Jul 2023 11:19

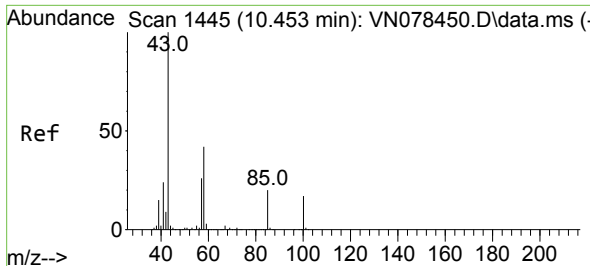
Tgt Ion: 98 Resp: 1010281

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

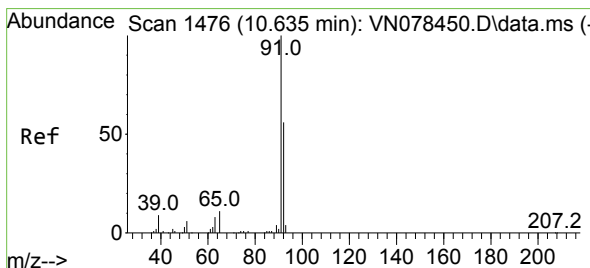
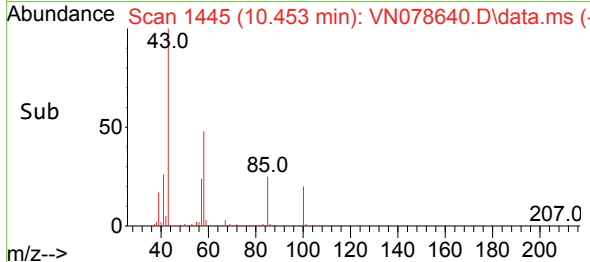
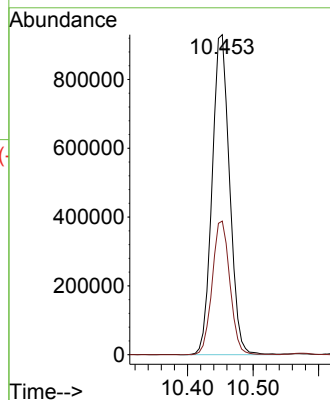
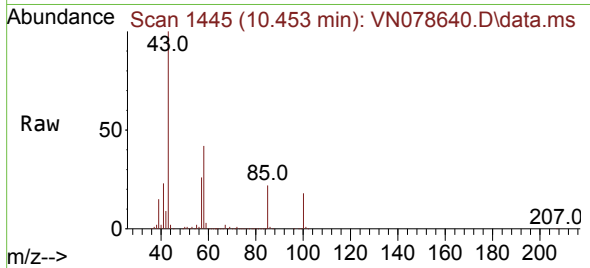




#51
4-Methyl-2-Pentanone
Concen: 262.873 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

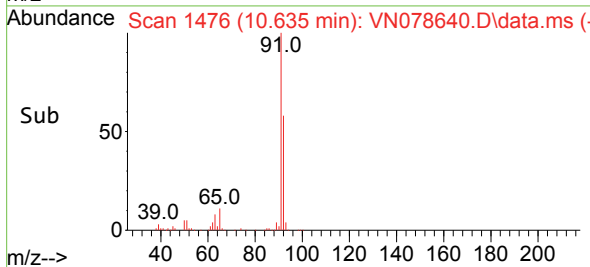
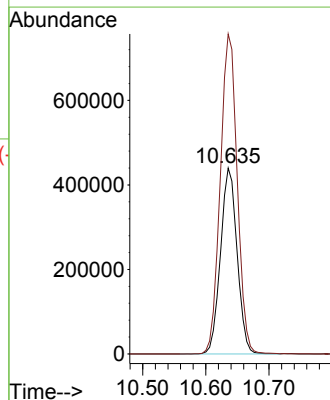
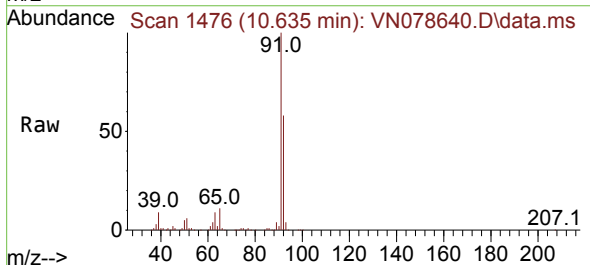
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

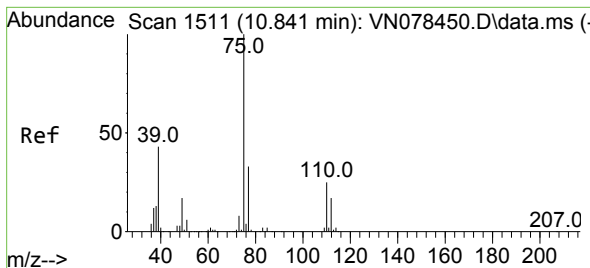
Tgt Ion: 43 Resp: 1717352
Ion Ratio Lower Upper
43 100
58 42.3 36.6 54.8



#52
Toluene
Concen: 54.632 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 92 Resp: 802766
Ion Ratio Lower Upper
92 100
91 175.9 137.4 206.0

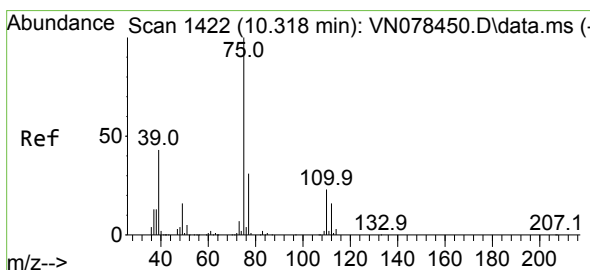
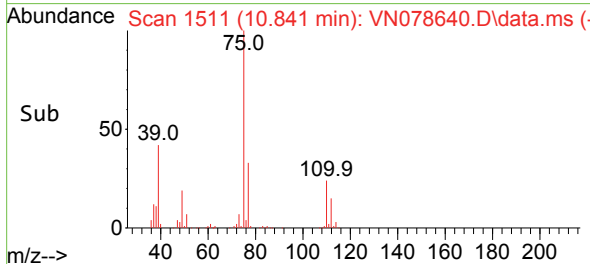
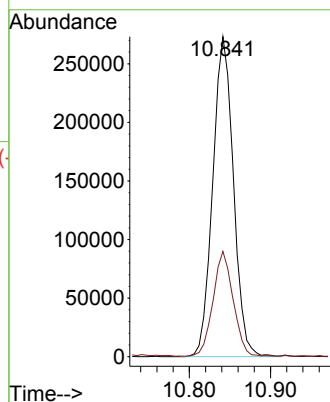
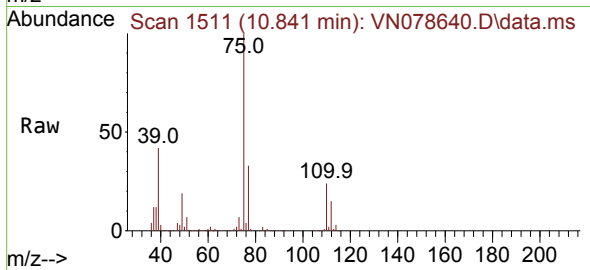




#53
 t-1,3-Dichloropropene
 Concen: 55.681 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078640.D
 Acq: 25 Jul 2023 11:19

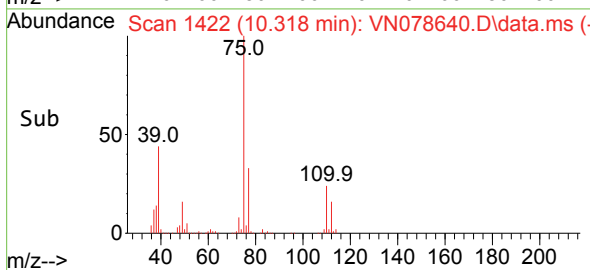
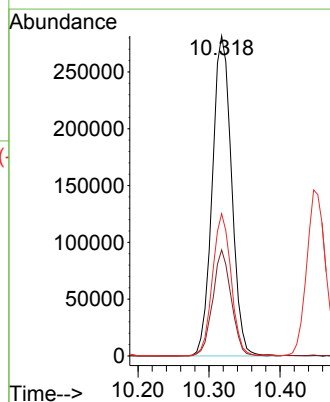
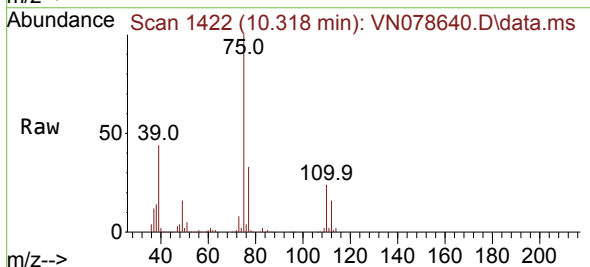
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

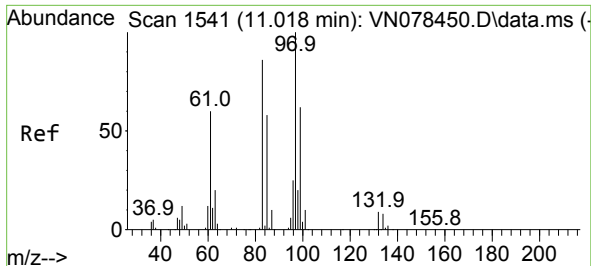
Tgt Ion: 75 Resp: 483272
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 57.344 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078640.D
 Acq: 25 Jul 2023 11:19

Tgt Ion: 75 Resp: 530528
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.1 39.1
 39 44.4 31.6 47.4

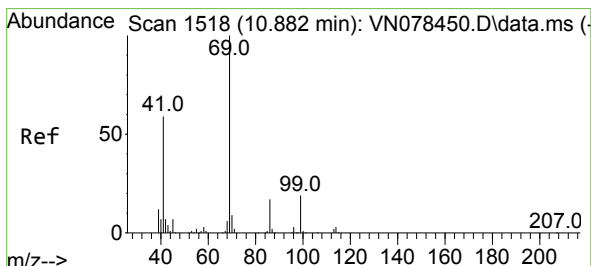
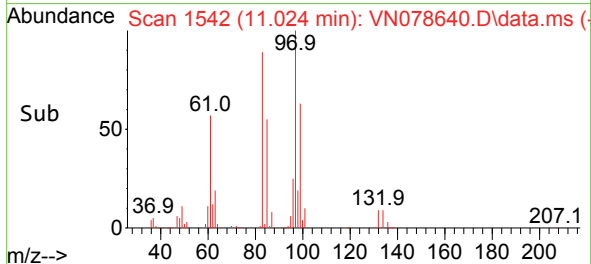
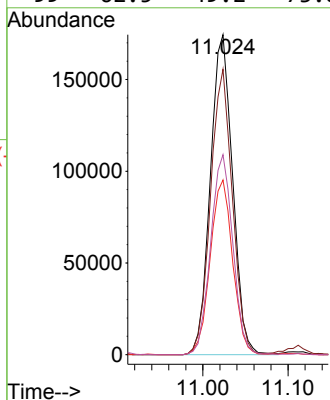
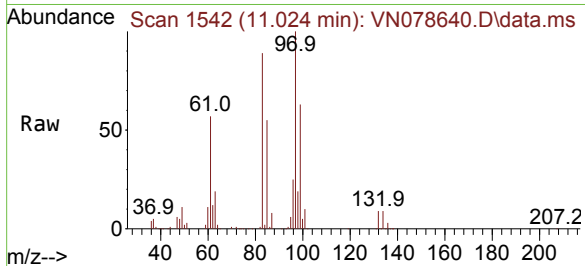




#55
1,1,2-Trichloroethane
Concen: 54.796 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

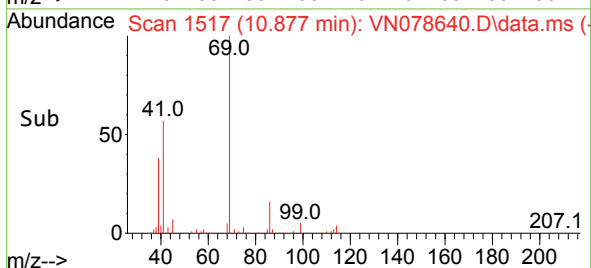
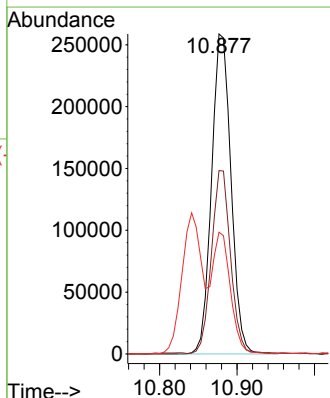
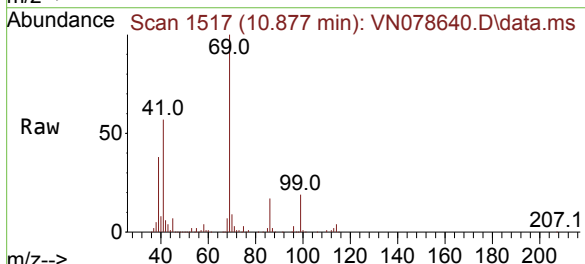
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

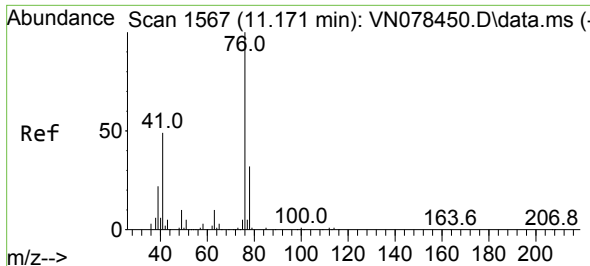
Tgt Ion: 97 Resp: 317235
Ion Ratio Lower Upper
97 100
83 89.2 65.1 97.7
85 54.6 43.4 65.2
99 62.5 49.2 73.8



#56
Ethyl methacrylate
Concen: 55.924 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 69 Resp: 452591
Ion Ratio Lower Upper
69 100
41 56.0 39.6 59.4
39 36.4 28.6 43.0

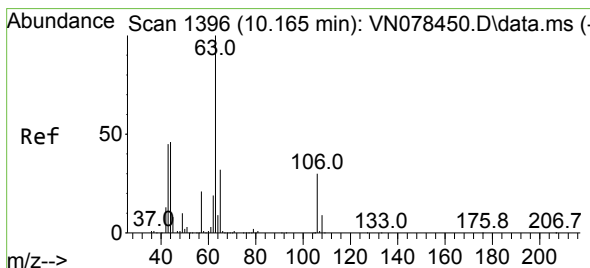
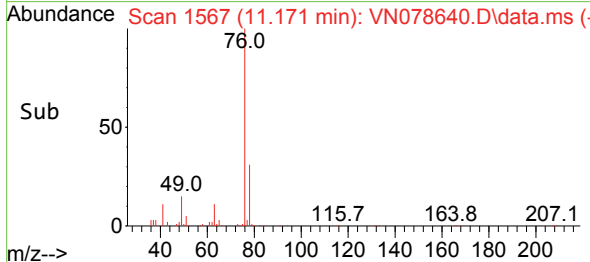
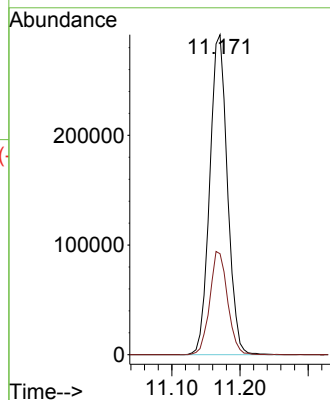
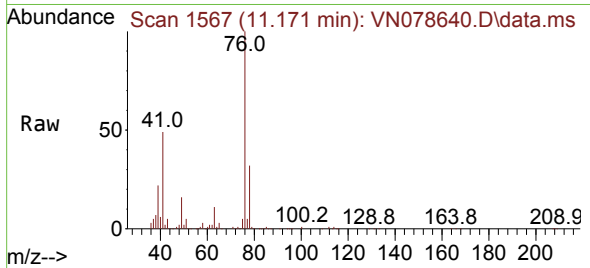




#57
1,3-Dichloropropane
Concen: 53.467 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

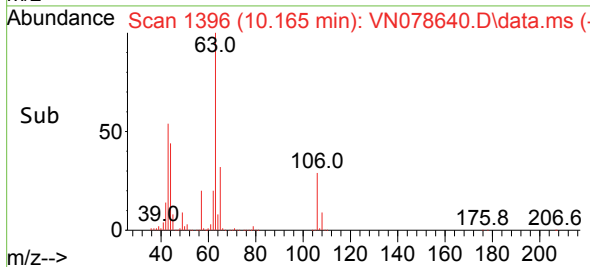
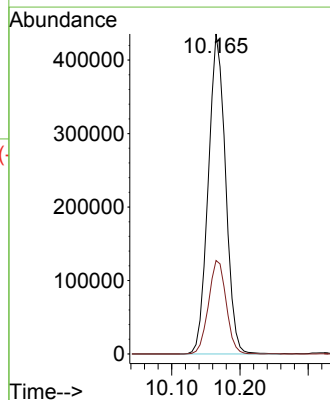
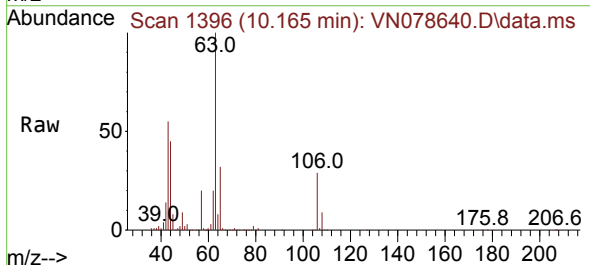
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

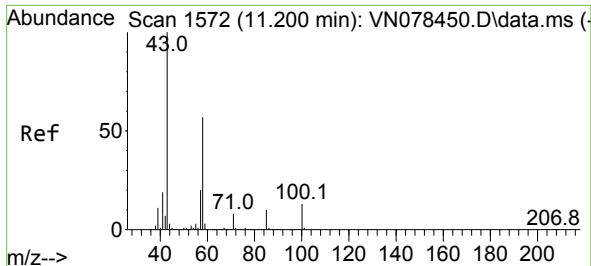
Tgt Ion: 76 Resp: 526316
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 266.277 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 63 Resp: 767972
Ion Ratio Lower Upper
63 100
106 29.8 26.2 39.4

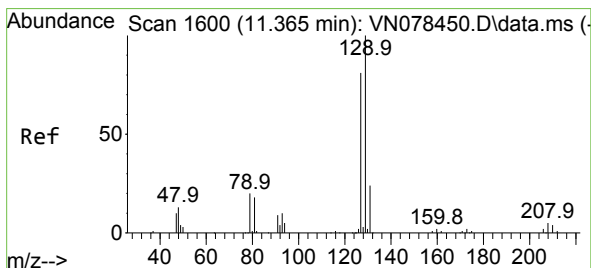
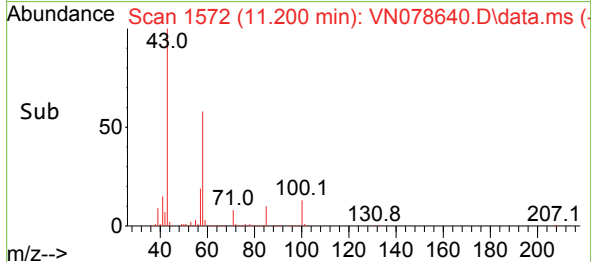
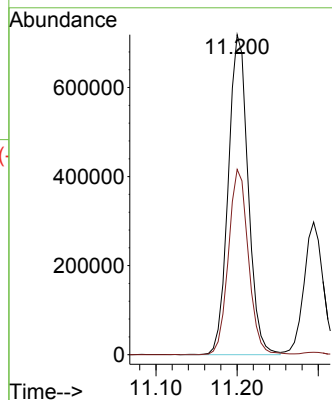
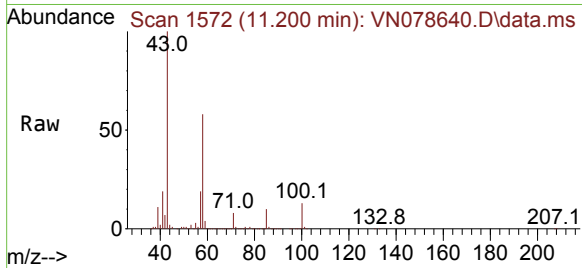




#59
2-Hexanone
Concen: 262.483 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

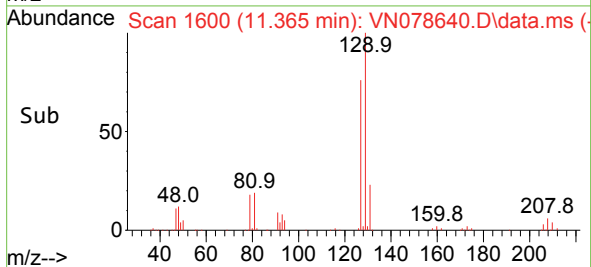
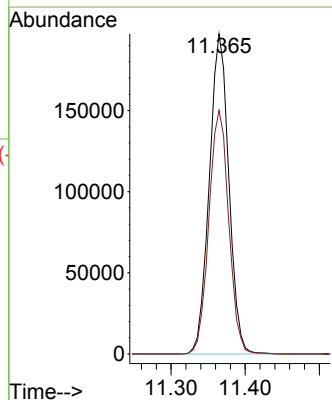
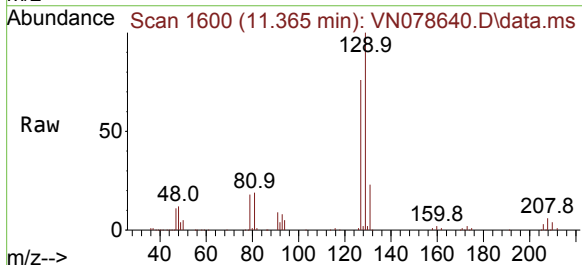
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

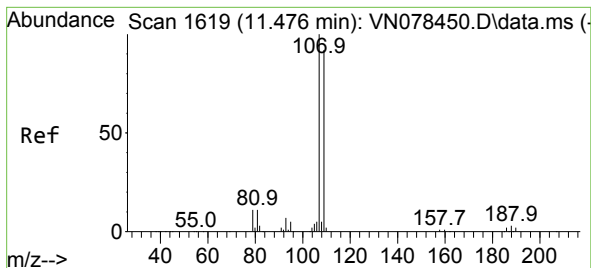
Tgt Ion: 43 Resp: 1218728
Ion Ratio Lower Upper
43 100
58 58.3 31.7 95.1



#60
Dibromochloromethane
Concen: 56.342 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 129 Resp: 360105
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

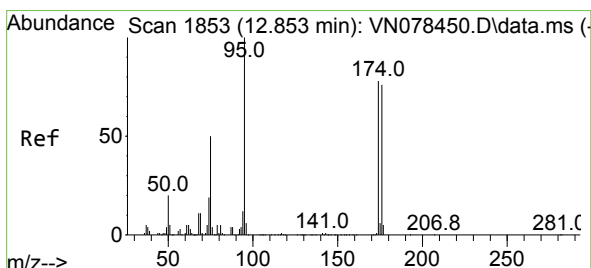
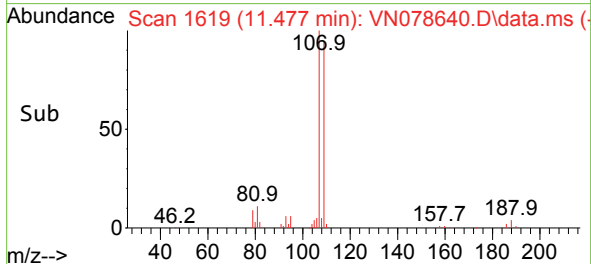
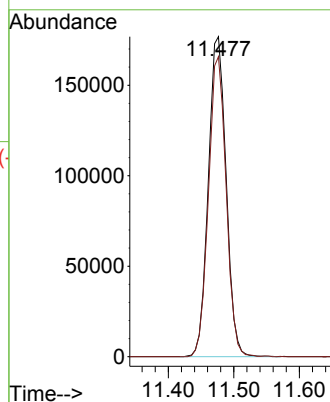
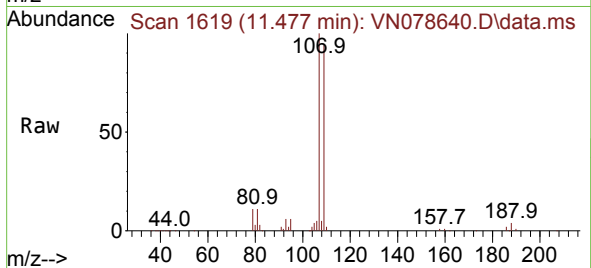




#61
1,2-Dibromoethane
Concen: 55.913 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

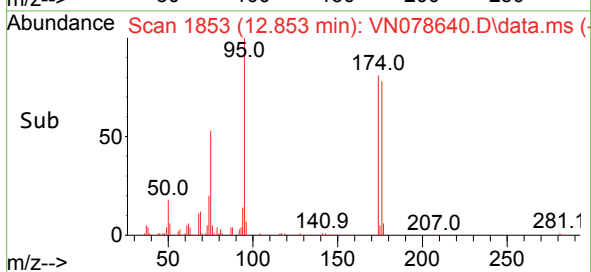
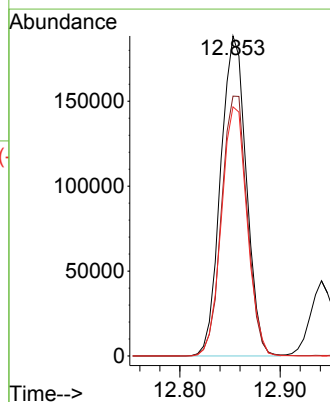
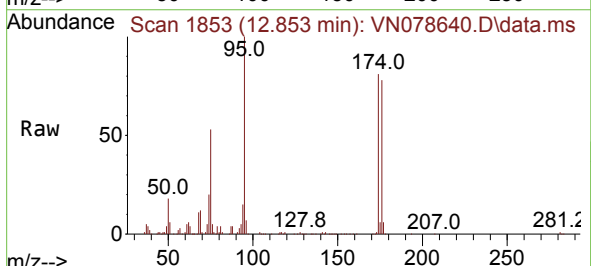
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

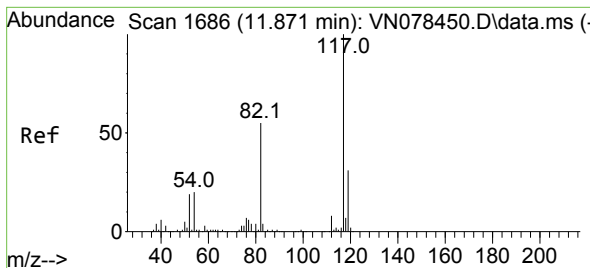
Tgt Ion:107 Resp: 333458
Ion Ratio Lower Upper
107 100
109 93.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.968 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 95 Resp: 335155
Ion Ratio Lower Upper
95 100
174 81.1 0.0 143.8
176 77.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

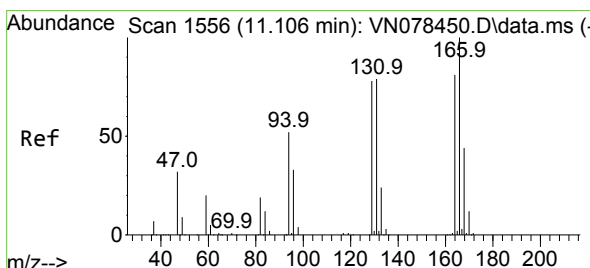
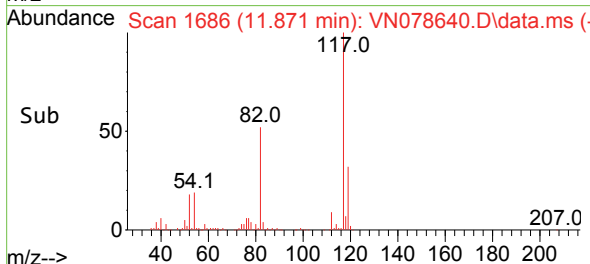
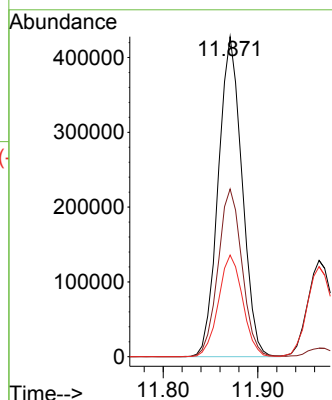
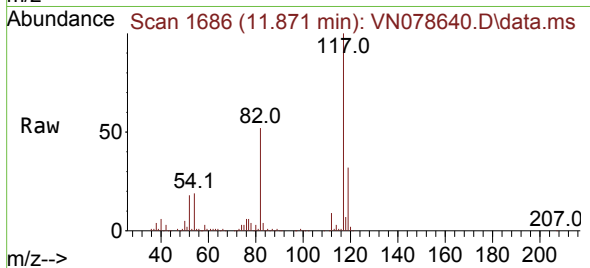
Tgt Ion:117 Resp: 745170

Ion Ratio Lower Upper

117 100

82 52.4 44.0 66.0

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 53.769 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

Tgt Ion:164 Resp: 301235

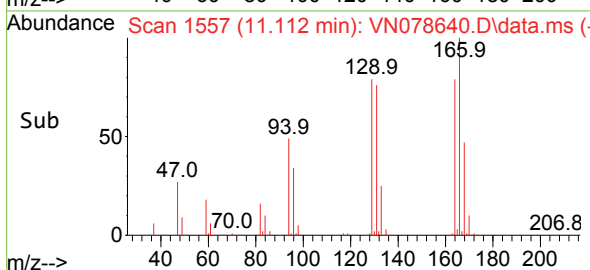
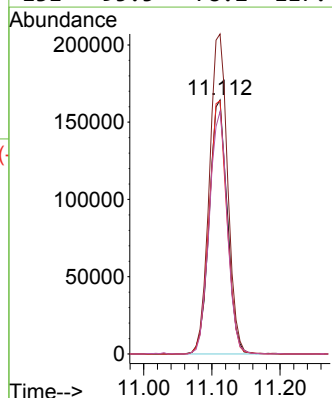
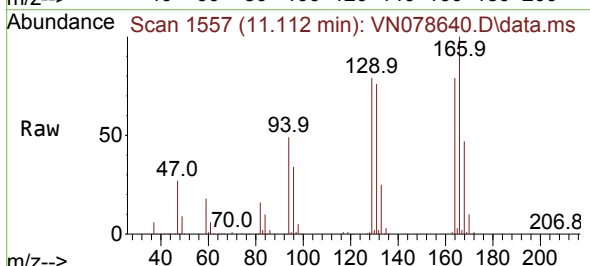
Ion Ratio Lower Upper

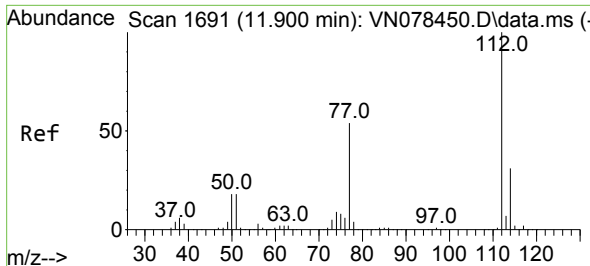
164 100

166 126.0 101.4 152.0

129 99.8 82.4 123.6

131 95.5 78.2 117.4

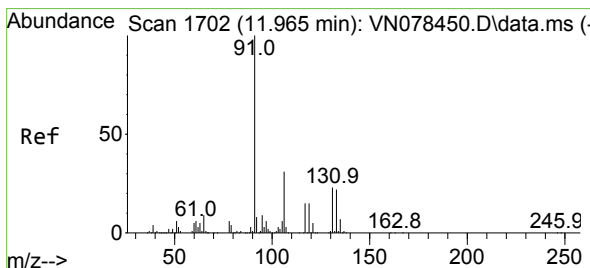
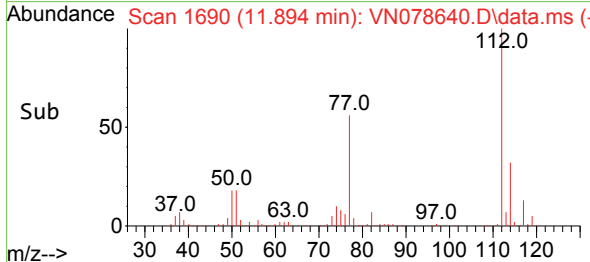
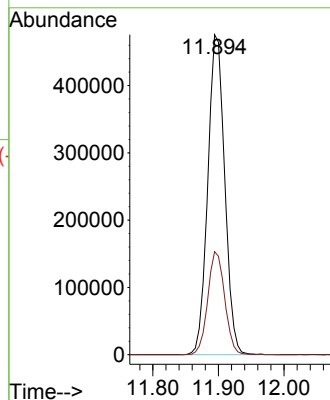
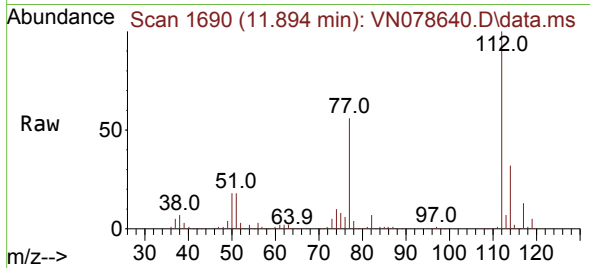




#65
Chlorobenzene
Concen: 51.336 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

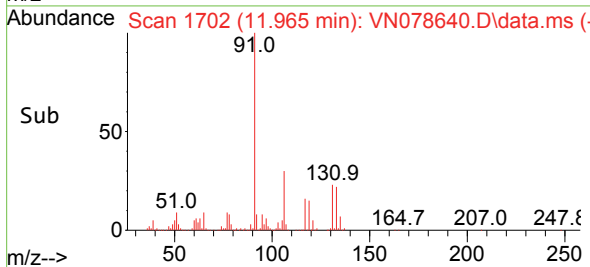
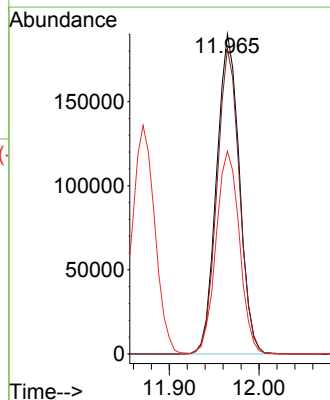
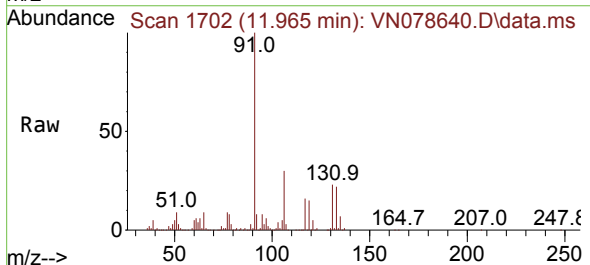
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

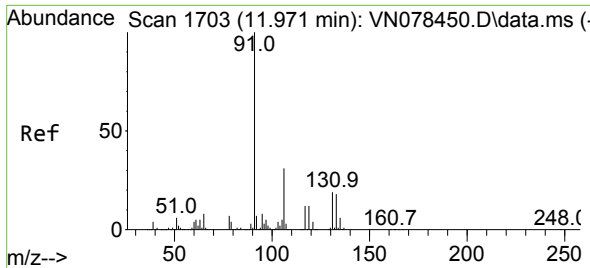
Tgt Ion:112 Resp: 855068
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.305 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion:131 Resp: 335151
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 65.3 34.1 102.2

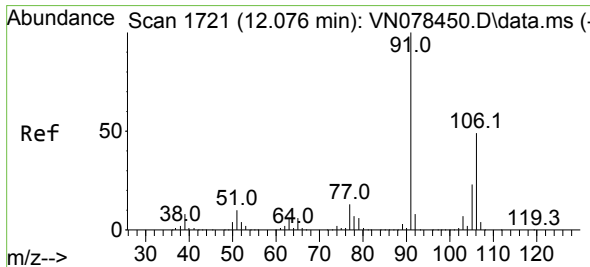
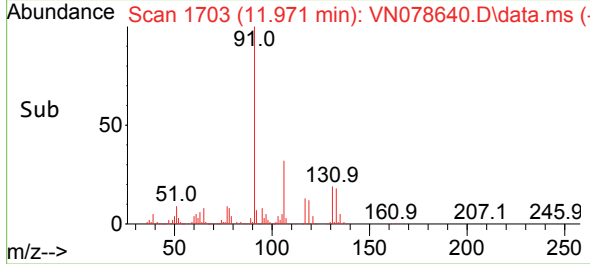
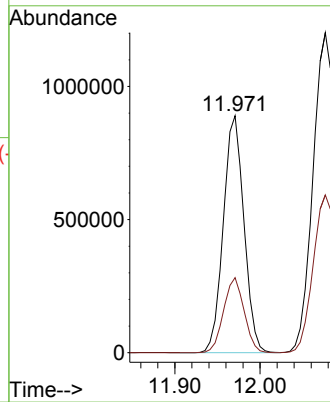
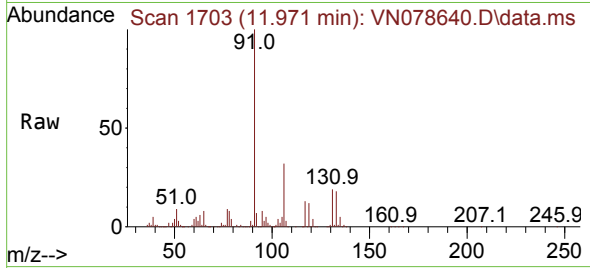




#67
Ethyl Benzene
Concen: 53.160 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

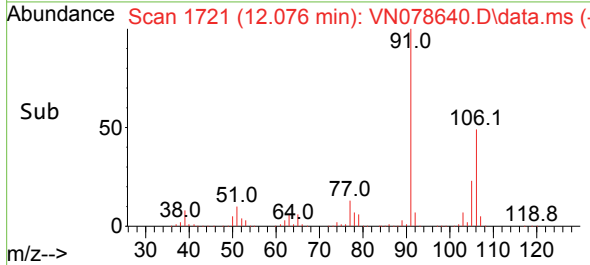
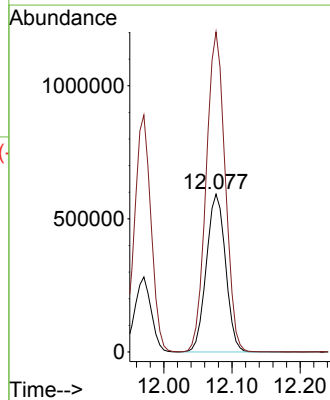
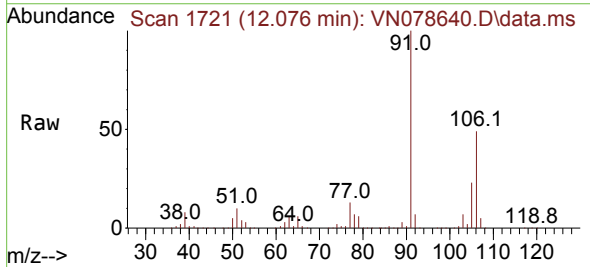
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

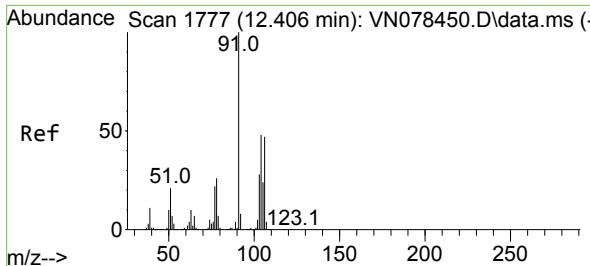
Tgt Ion: 91 Resp: 1496712
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4



#68
m/p-Xylenes
Concen: 111.369 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion:106 Resp: 1159314
Ion Ratio Lower Upper
106 100
91 200.8 159.6 239.4

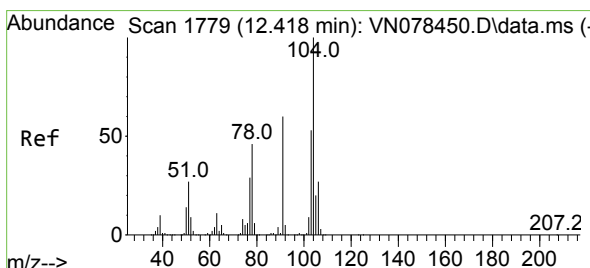
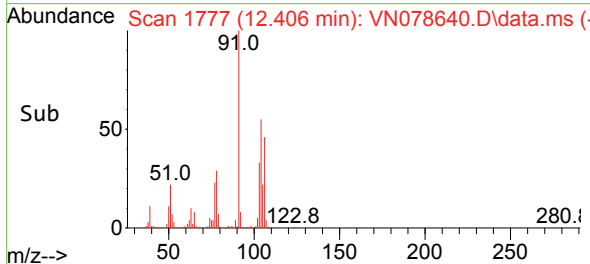
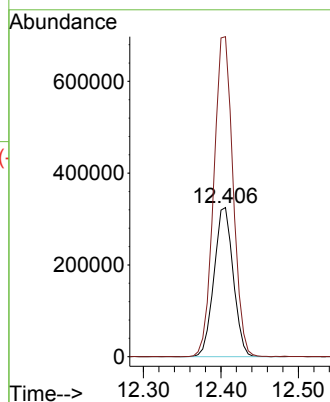
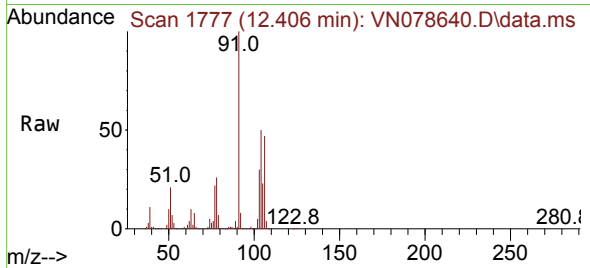




#69
o-Xylene
Concen: 53.237 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

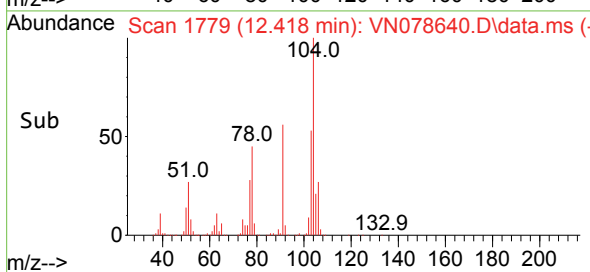
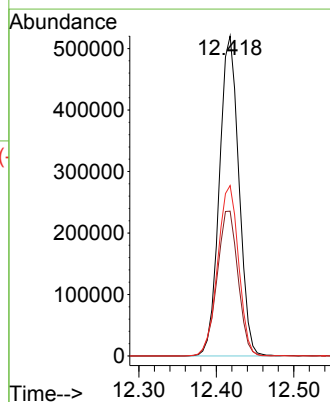
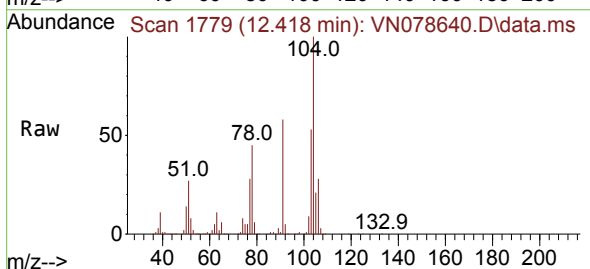
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

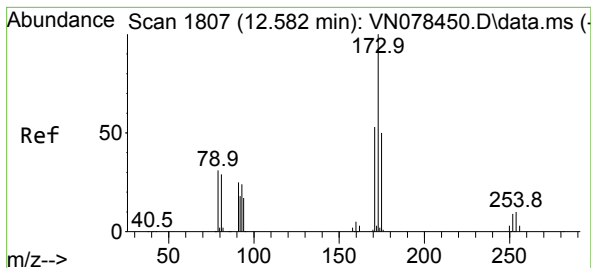
Tgt Ion:106 Resp: 559748
Ion Ratio Lower Upper
106 100
91 215.0 105.2 315.5



#70
Styrene
Concen: 55.435 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion:104 Resp: 911863
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 56.9 43.2 64.8





#71

Bromoform

Concen: 57.088 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078640.D

Acq: 25 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

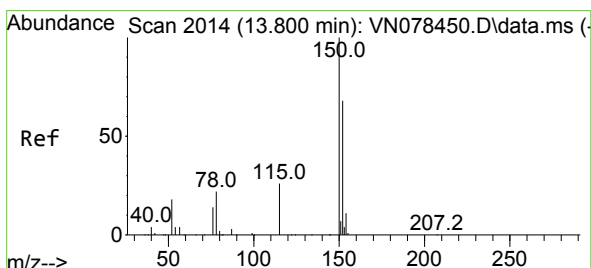
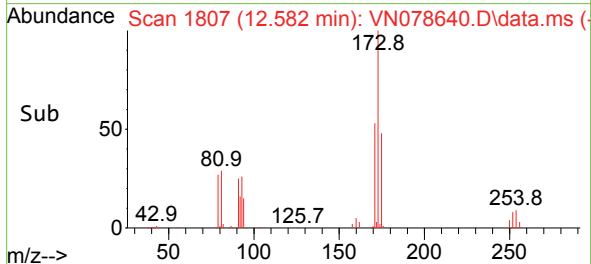
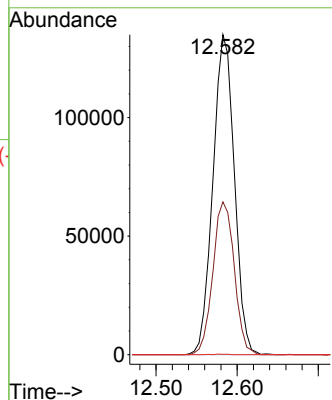
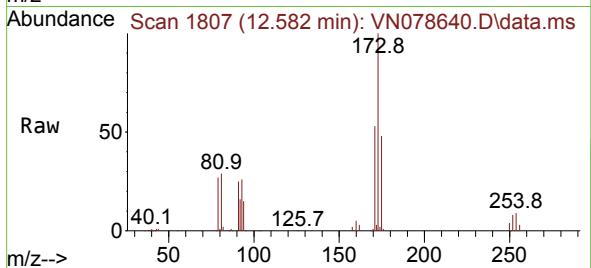
Tgt Ion:173 Resp: 247743

Ion Ratio Lower Upper

173 100

175 47.6 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: VN078640.D

Acq: 25 Jul 2023 11:19

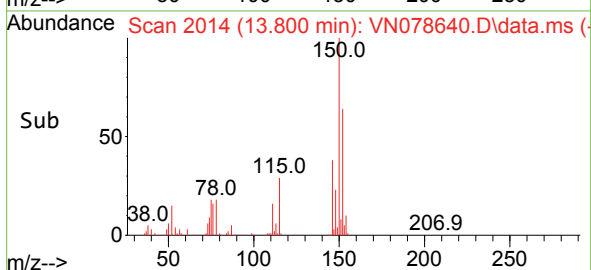
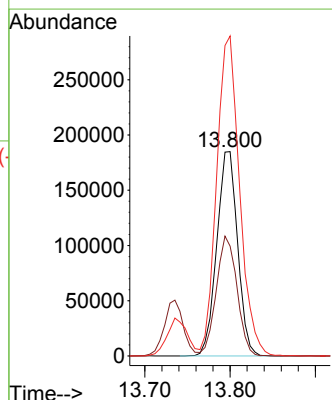
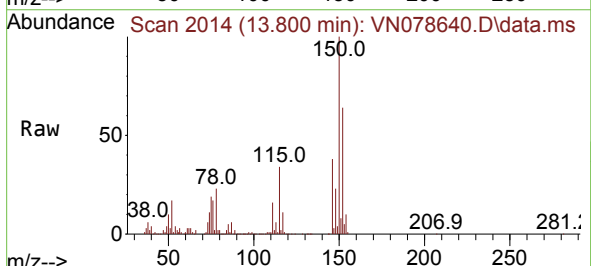
Tgt Ion:152 Resp: 314081

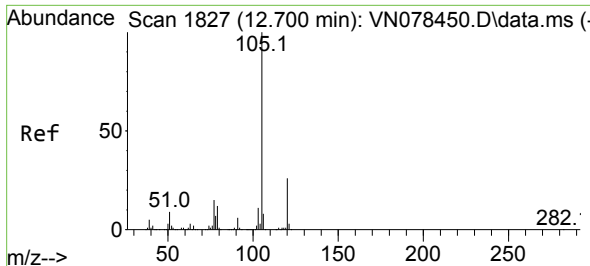
Ion Ratio Lower Upper

152 100

115 58.2 32.3 96.8

150 172.1 0.0 355.8

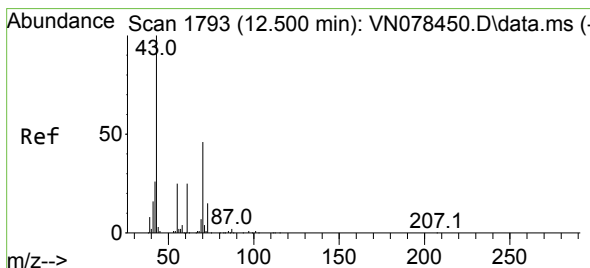
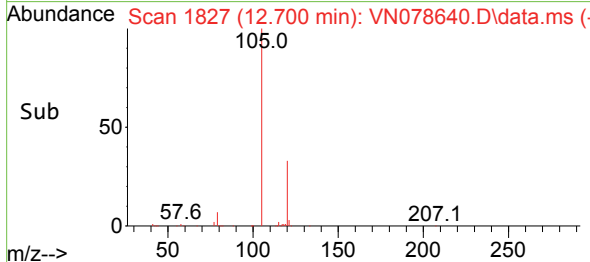
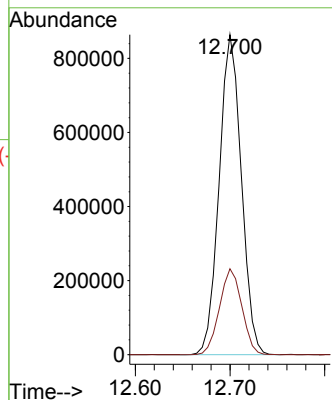
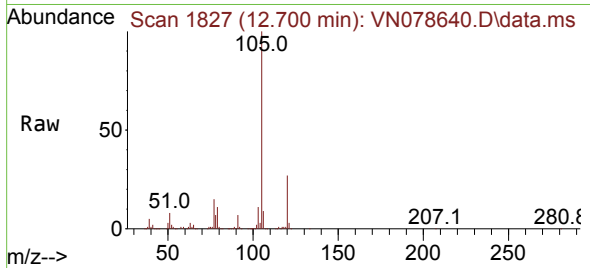




#73
Isopropylbenzene
Concen: 47.653 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

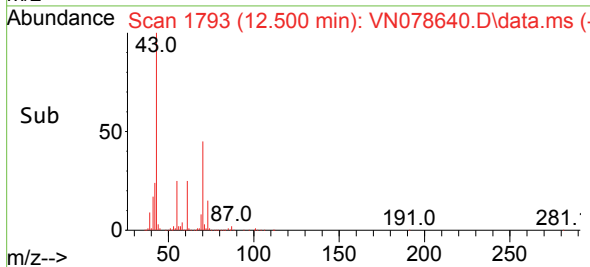
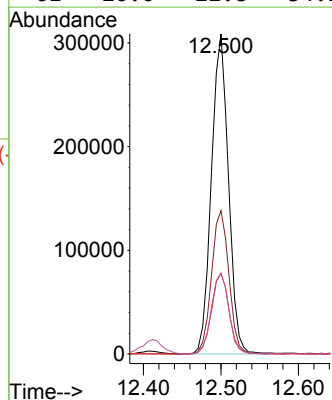
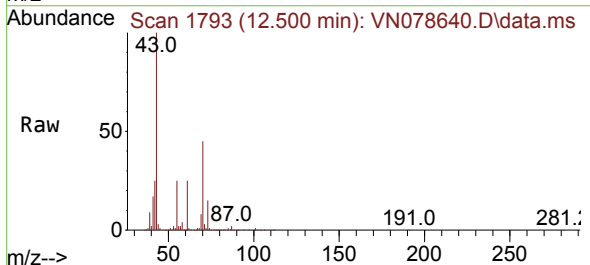
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

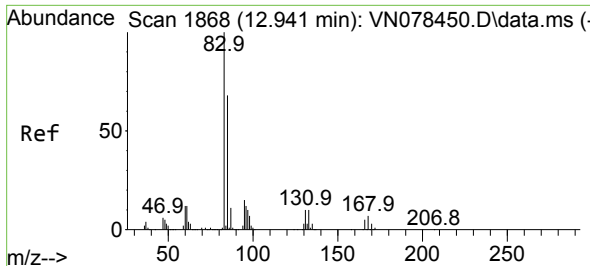
Tgt Ion:105 Resp: 1406352
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1



#74
N-ethyl acetate
Concen: 46.380 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 43 Resp: 471707
Ion Ratio Lower Upper
43 100
70 45.5 43.4 65.2
55 25.8 21.4 32.0
61 26.0 22.8 34.2

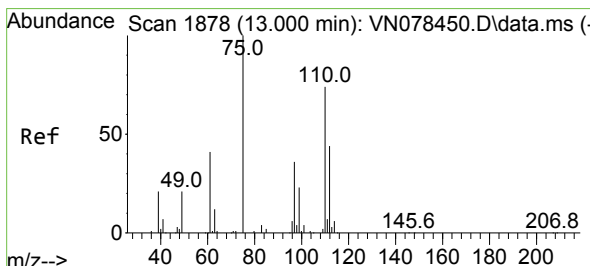
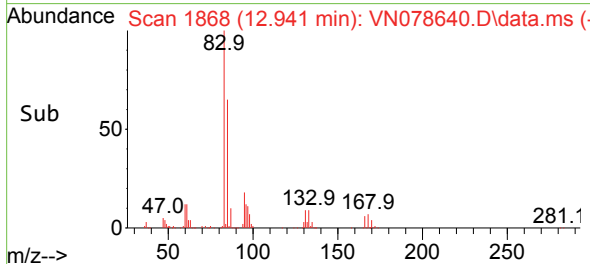
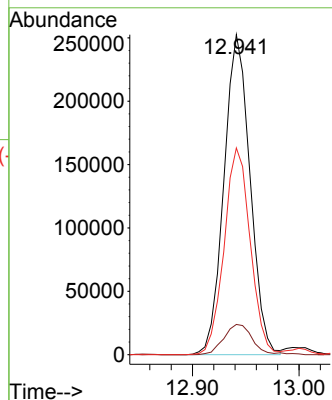
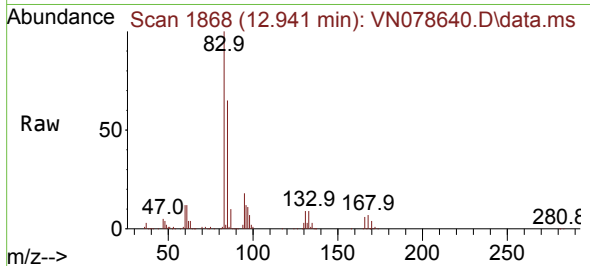




#75
1,1,2,2-Tetrachloroethane
Concen: 52.311 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

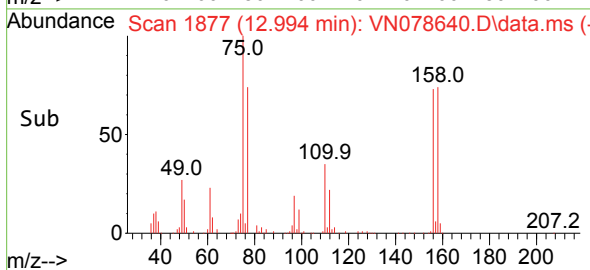
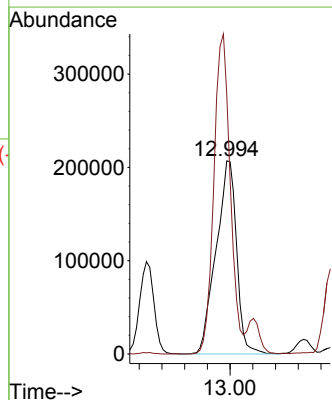
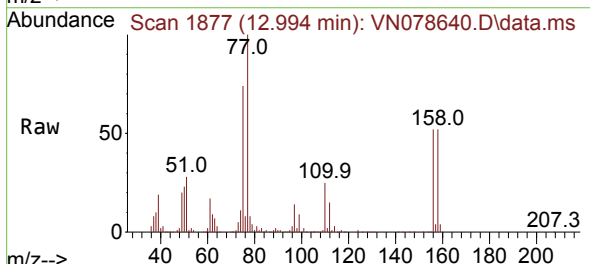
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

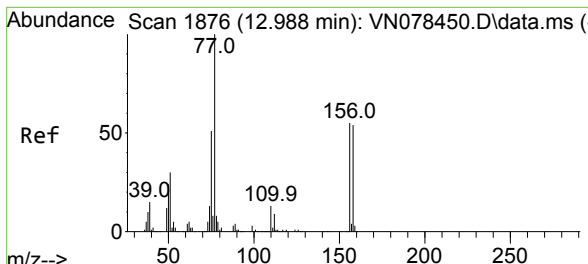
Tgt Ion: 83 Resp: 430015
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 68.497 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 75 Resp: 520008
Ion Ratio Lower Upper
75 100
77 131.6 84.5 253.5

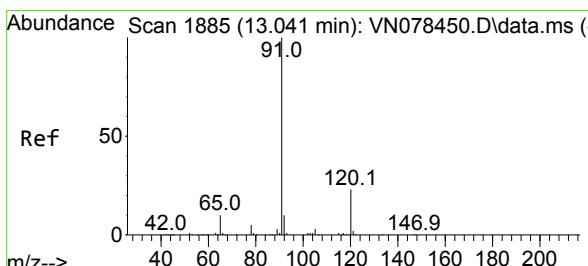
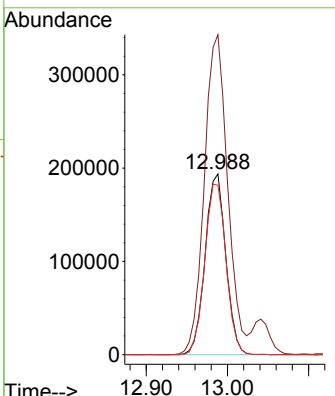
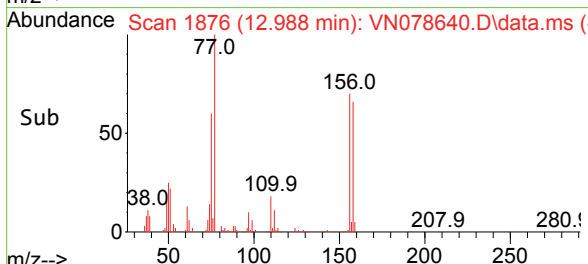
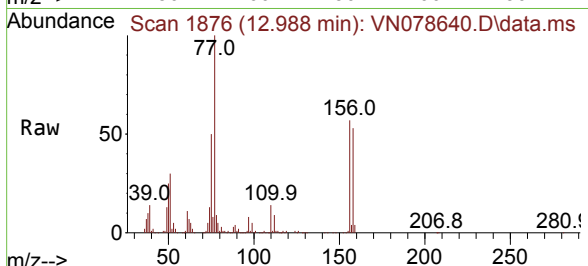




#77
 Bromobenzene
 Concen: 53.526 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN078640.D
 Acq: 25 Jul 2023 11:19

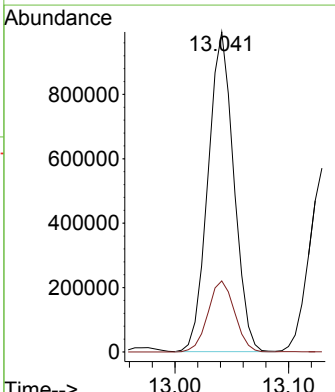
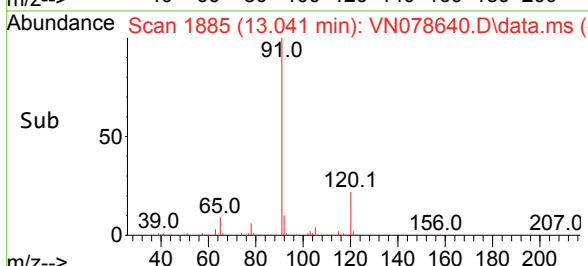
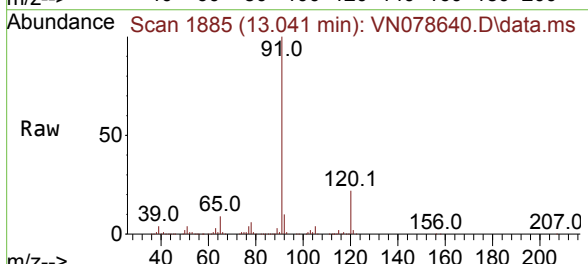
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

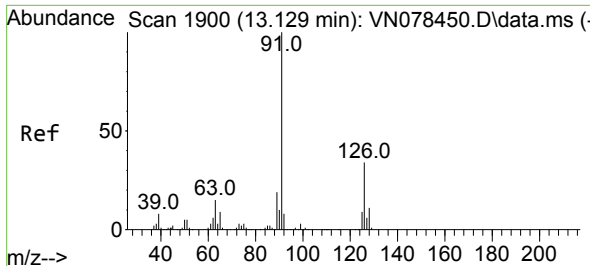
Tgt Ion:	156	Resp:	342830
Ion Ratio	Lower	Upper	
156	100		
77	199.7	107.7	323.3
158	97.1	48.4	145.3



#78
 n-propylbenzene
 Concen: 49.610 ug/l
 RT: 13.041 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VN078640.D
 Acq: 25 Jul 2023 11:19

Tgt Ion:	91	Resp:	1565793
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4

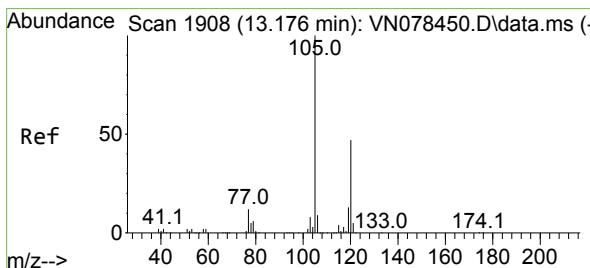
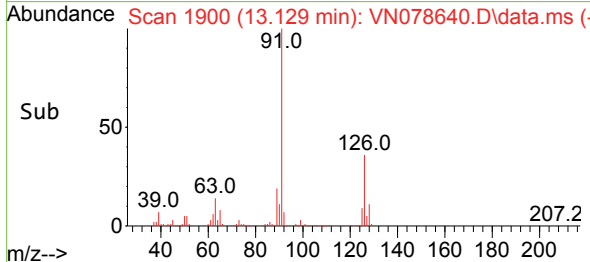
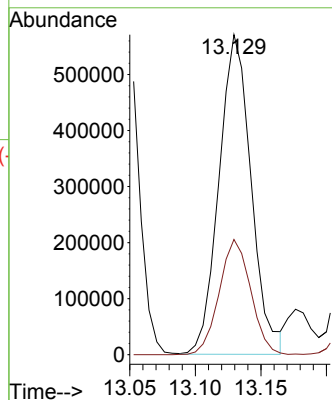
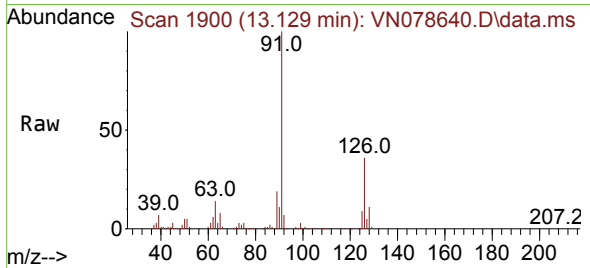




#79
2-Chlorotoluene
Concen: 47.074 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

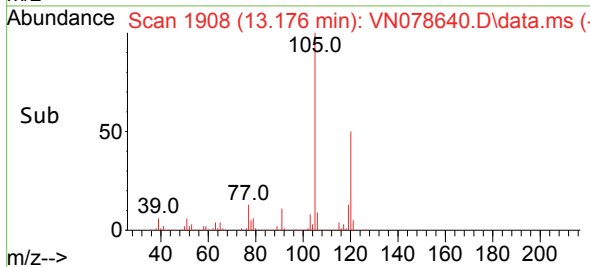
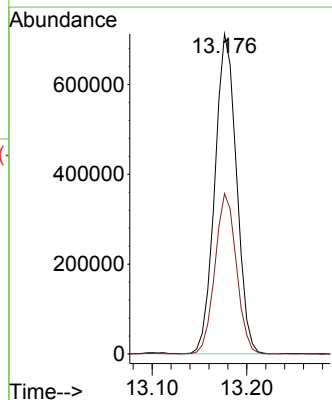
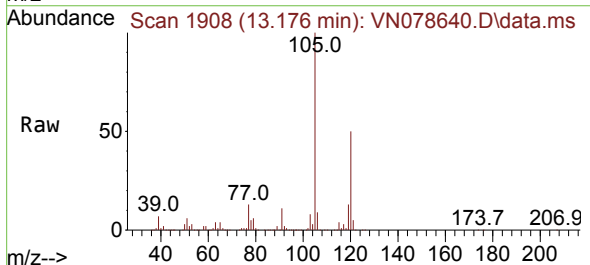
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

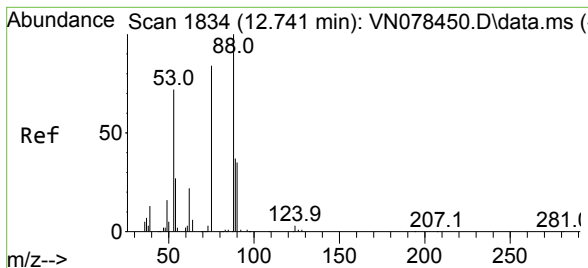
Tgt Ion: 91 Resp: 973178
Ion Ratio Lower Upper
91 100
126 35.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 48.482 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion:105 Resp: 1130519
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.3

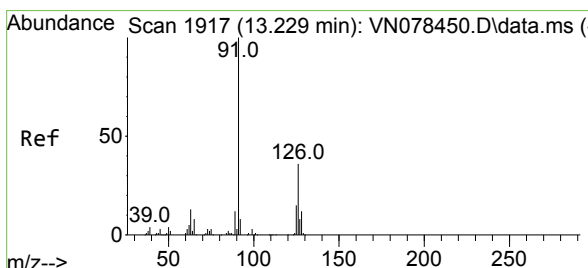
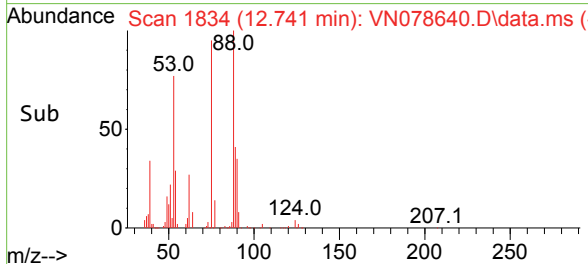
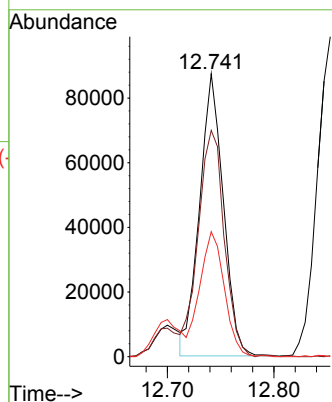
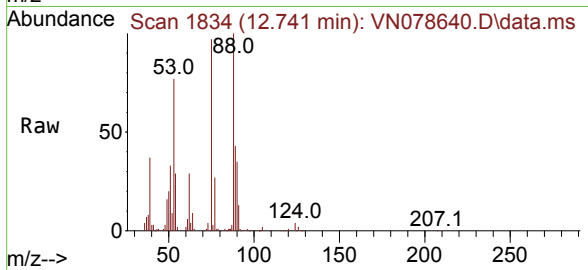




#81
trans-1,4-Dichloro-2-butene
Concen: 46.876 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

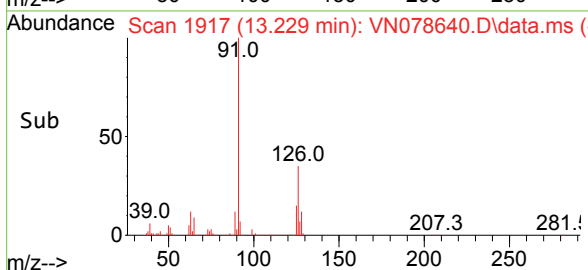
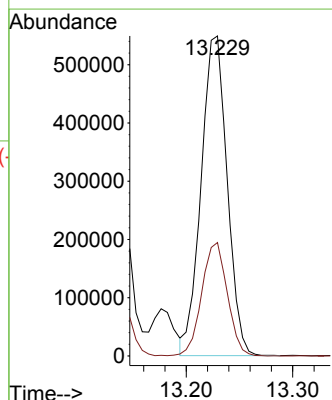
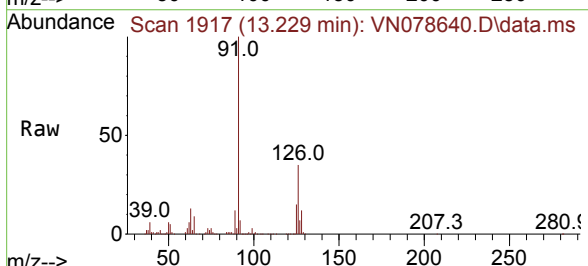
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

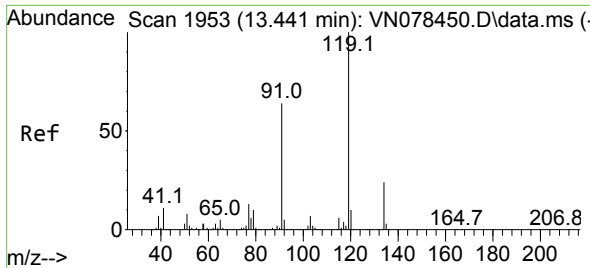
Tgt Ion: 75 Resp: 135424
Ion Ratio Lower Upper
75 100
53 88.3 67.4 101.2
89 45.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 48.366 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion: 91 Resp: 932767
Ion Ratio Lower Upper
91 100
126 34.9 16.7 50.0

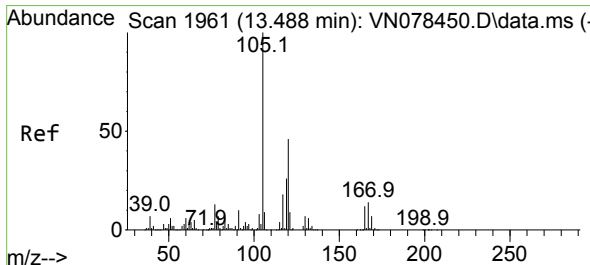
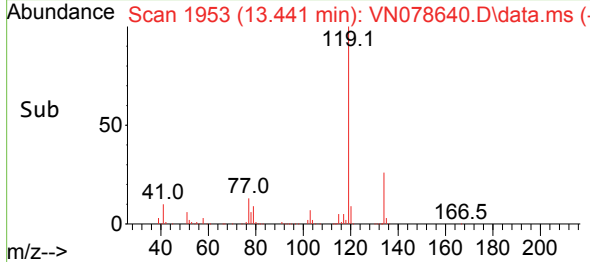
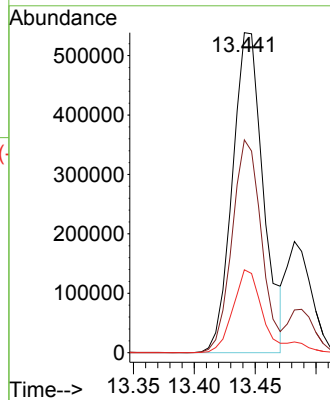
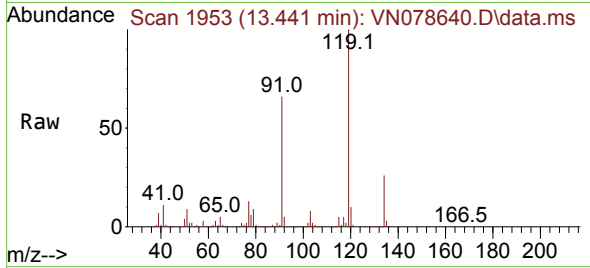




#83
tert-Butylbenzene
Concen: 48.054 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

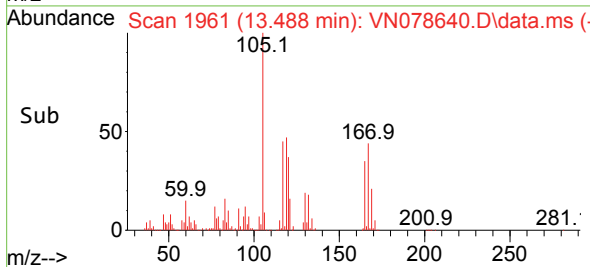
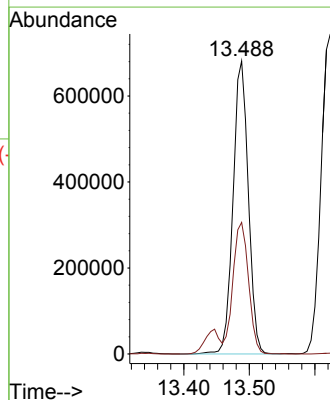
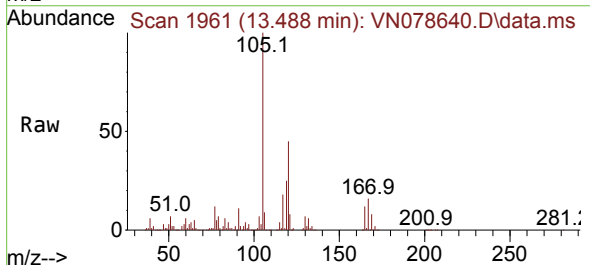
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

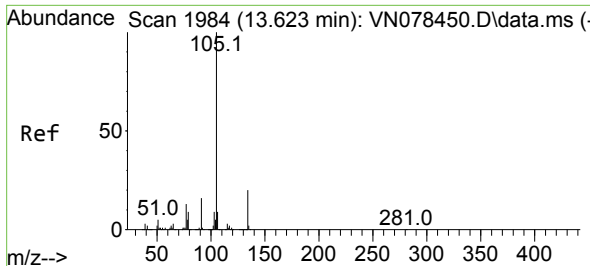
Tgt Ion:119 Resp: 951358
Ion Ratio Lower Upper
119 100
91 63.3 33.9 101.7
134 26.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 48.725 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion:105 Resp: 1103621
Ion Ratio Lower Upper
105 100
120 45.8 22.0 66.0

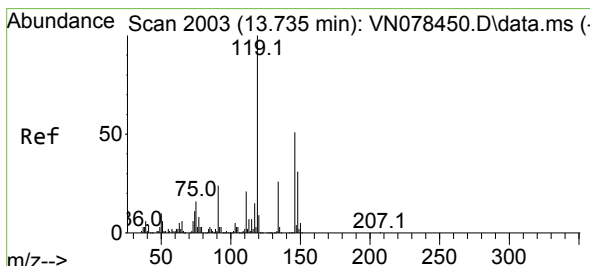
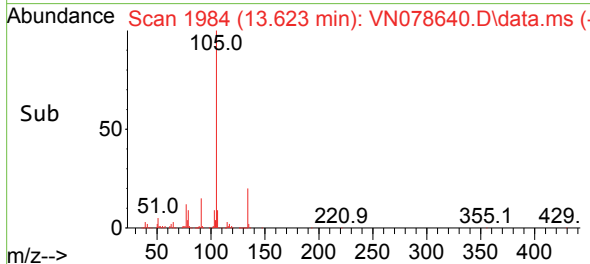
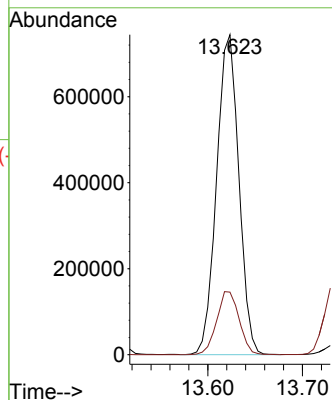
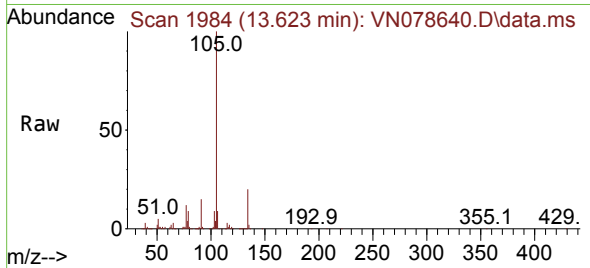




#85
 sec-Butylbenzene
 Concen: 48.620 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078640.D
 Acq: 25 Jul 2023 11:19

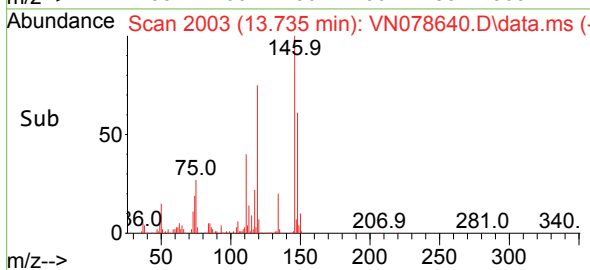
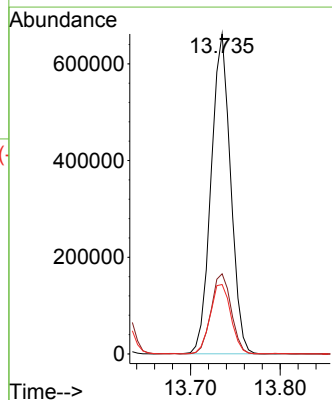
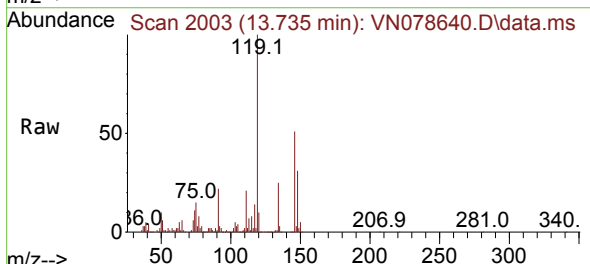
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

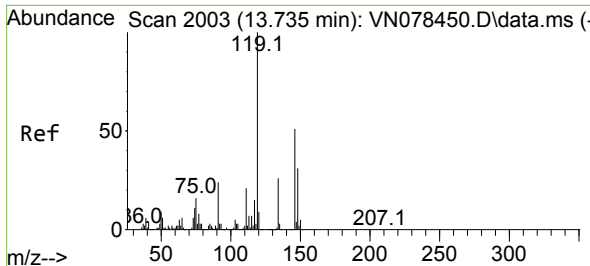
Tgt Ion:105 Resp: 1216661
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 49.624 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078640.D
 Acq: 25 Jul 2023 11:19

Tgt Ion:119 Resp: 997111
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 23.1 12.4 37.2

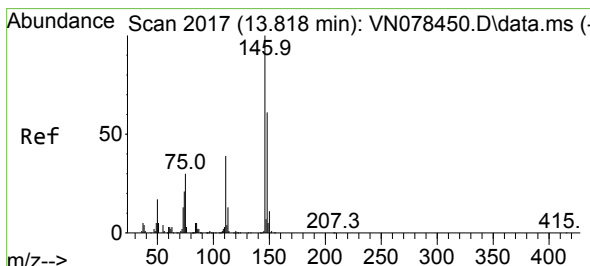
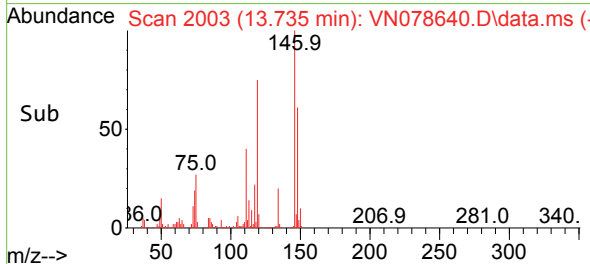
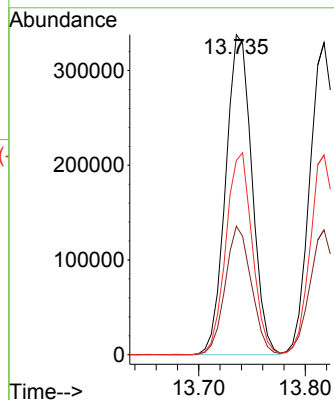
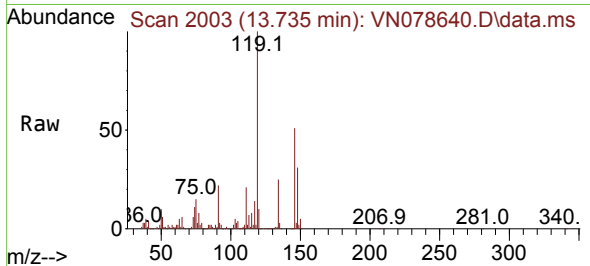




#87
1,3-Dichlorobenzene
Concen: 51.103 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

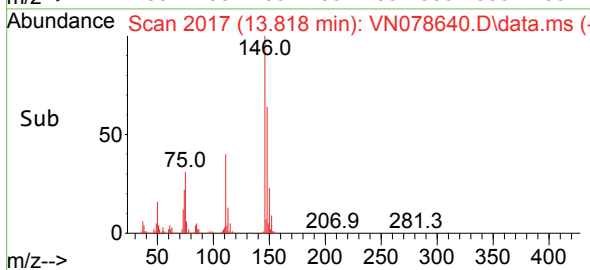
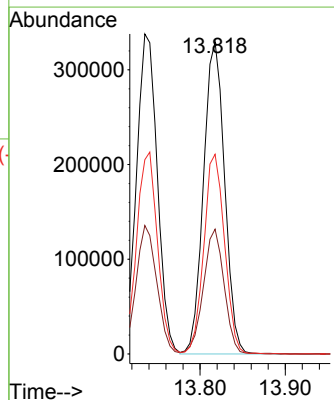
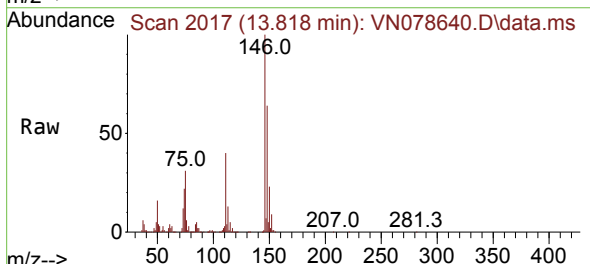
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

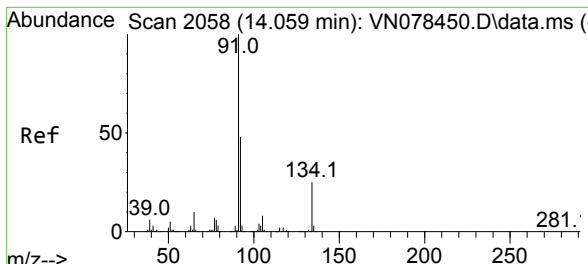
Tgt Ion:146 Resp: 578979
Ion Ratio Lower Upper
146 100
111 40.0 22.1 66.3
148 63.2 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 49.770 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion:146 Resp: 567965
Ion Ratio Lower Upper
146 100
111 39.0 20.6 61.8
148 63.0 31.6 94.8

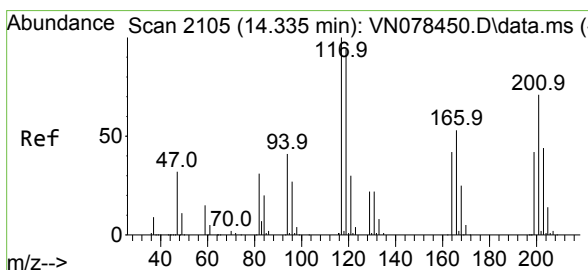
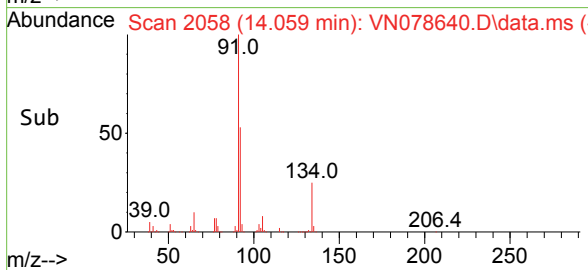
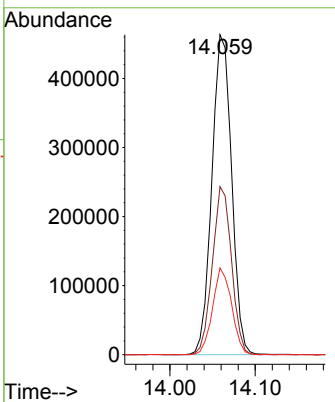
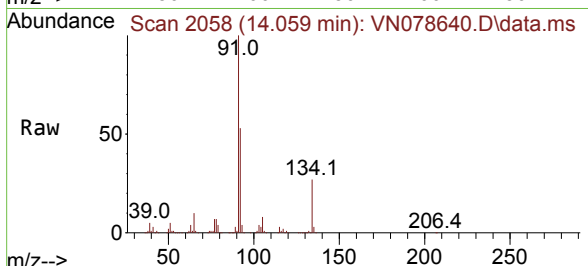




#89
 n-Butylbenzene
 Concen: 51.842 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN078640.D
 Acq: 25 Jul 2023 11:19

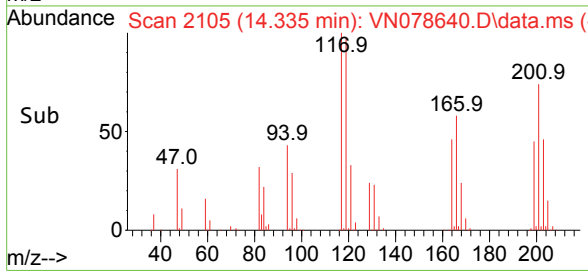
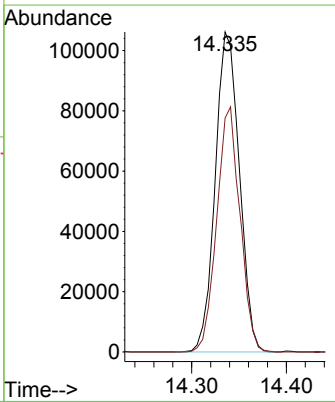
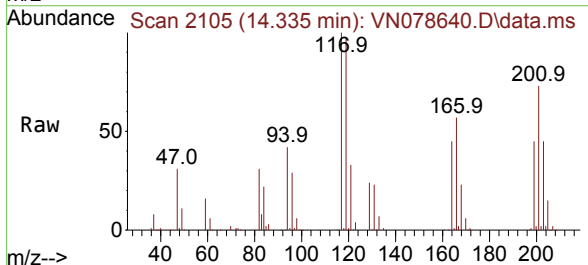
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

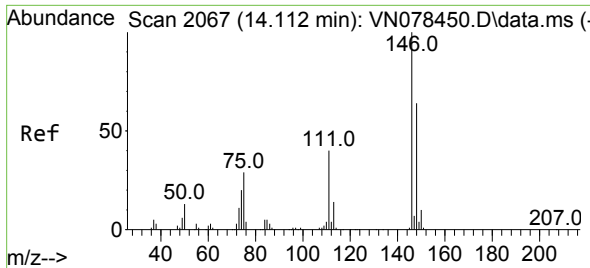
Tgt Ion:	91	Resp:	745328
Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.4	79.0
134	26.1	12.6	37.6



#90
 Hexachloroethane
 Concen: 50.961 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN078640.D
 Acq: 25 Jul 2023 11:19

Tgt Ion:	117	Resp:	188150
Ion	Ratio	Lower	Upper
117	100		
201	73.9	29.3	88.0

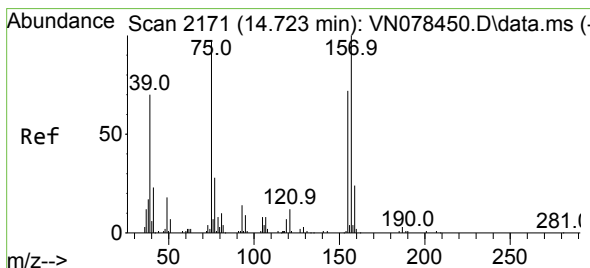
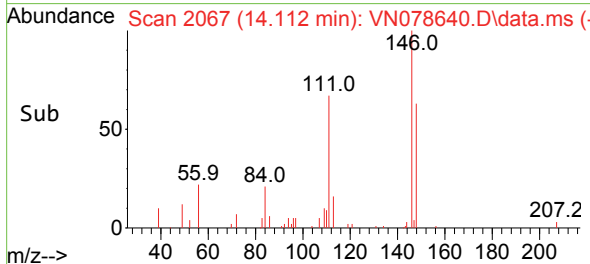
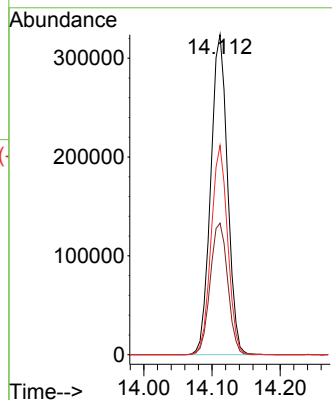
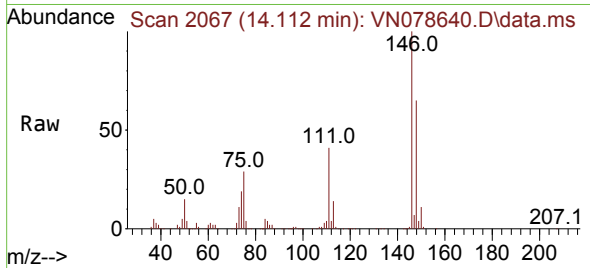




#91
 1,2-Dichlorobenzene
 Concen: 49.299 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078640.D
 Acq: 25 Jul 2023 11:19

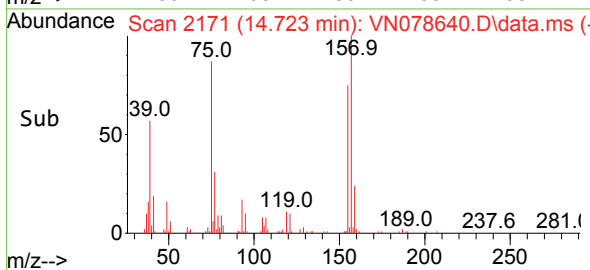
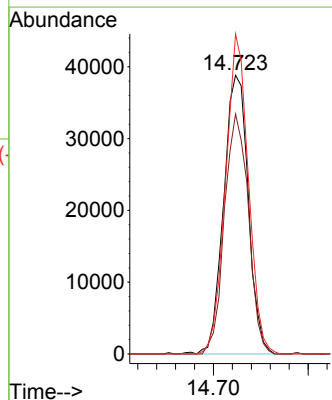
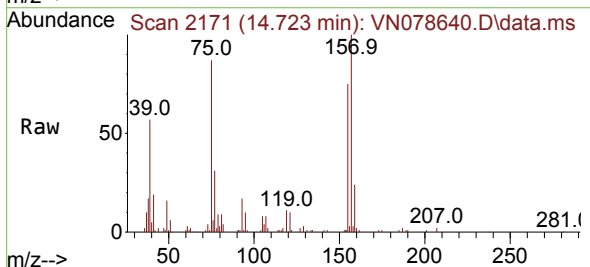
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

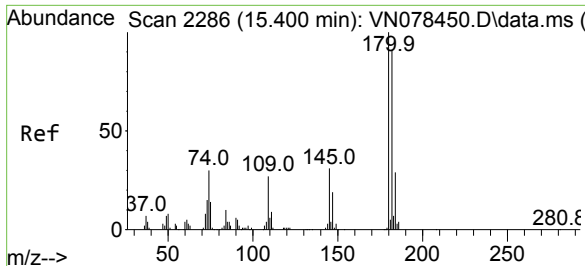
Tgt Ion:146 Resp: 555852
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.0 66.0
 148 64.3 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.547 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078640.D
 Acq: 25 Jul 2023 11:19

Tgt Ion: 75 Resp: 70027
 Ion Ratio Lower Upper
 75 100
 155 83.7 39.1 117.2
 157 106.2 50.3 150.9

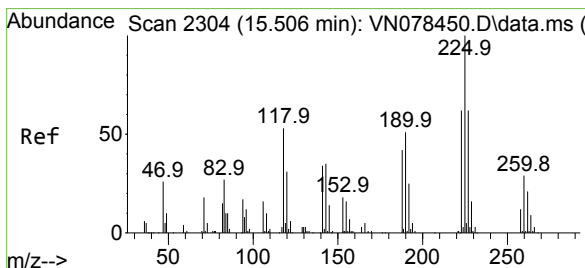
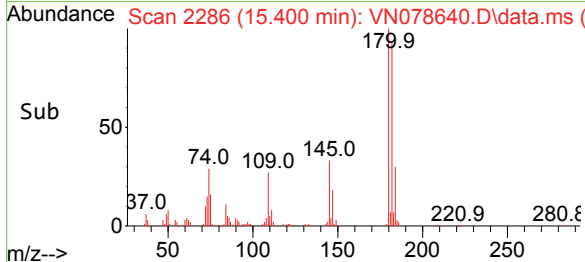
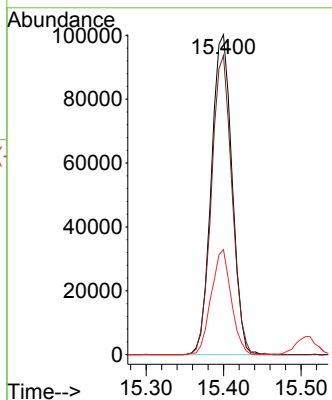
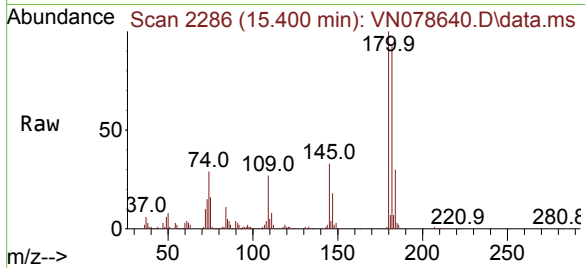




#93
1,2,4-Trichlorobenzene
Concen: 51.587 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

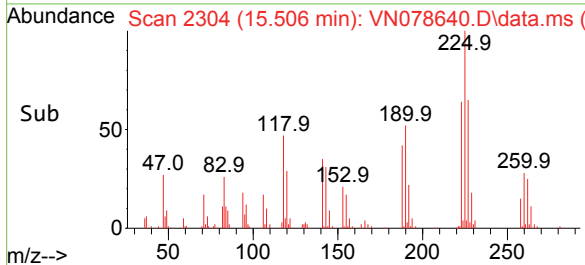
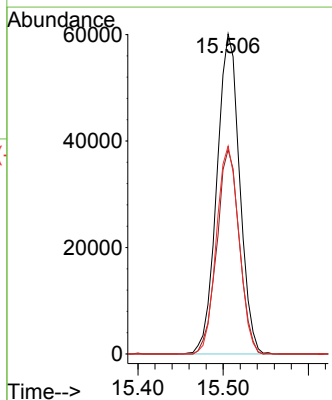
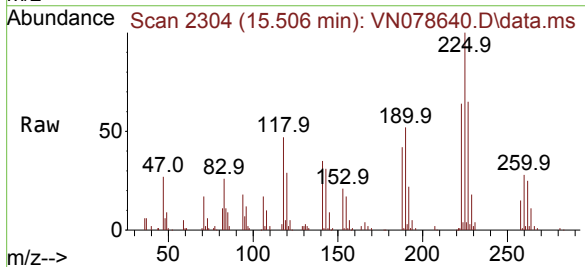
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

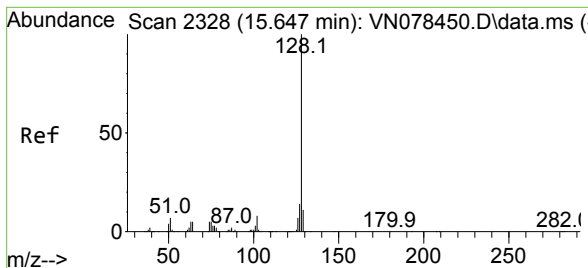
Tgt Ion:180 Resp: 185633
Ion Ratio Lower Upper
180 100
182 92.9 46.1 138.2
145 31.9 16.6 49.8



#94
Hexachlorobutadiene
Concen: 60.782 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion:225 Resp: 111486
Ion Ratio Lower Upper
225 100
223 63.0 31.3 93.8
227 64.1 31.9 95.9

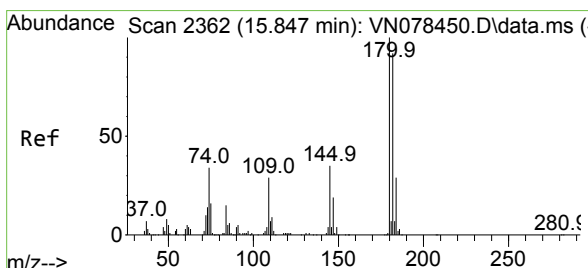
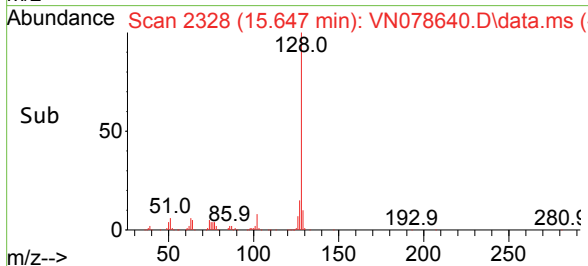
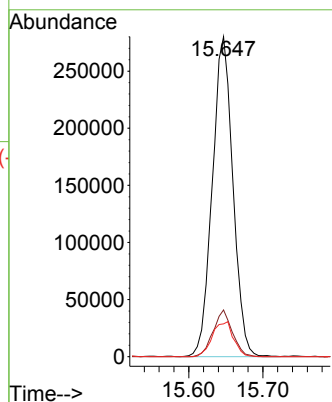
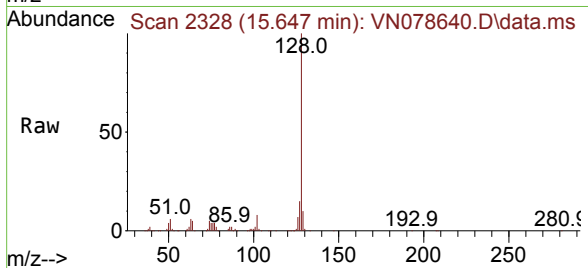




#95
Naphthalene
Concen: 43.965 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 540851
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.775 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078640.D
Acq: 25 Jul 2023 11:19

Tgt Ion:180 Resp: 201813
Ion Ratio Lower Upper
180 100
182 95.0 46.2 138.6
145 34.0 17.5 52.6

