

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078638.D
 Acq On : 24 Jul 2023 17:11
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 25 03:14:54 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	540410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	872638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	794792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	334581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	340696	47.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.060%
35) Dibromofluoromethane	8.177	113	308286	52.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	10.571	98	1124385	50.245	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.853	95	370098	53.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.380%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	232708	35.122	ug/l	97
3) Chloromethane	2.371	50	300512	41.729	ug/l	98
4) Vinyl Chloride	2.518	62	406502	43.635	ug/l	96
5) Bromomethane	2.942	94	266691	44.737	ug/l	98
6) Chloroethane	3.118	64	280981	49.855	ug/l	98
7) Trichlorofluoromethane	3.500	101	468370	42.058	ug/l	94
8) Diethyl Ether	3.965	74	170073	45.838	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	258085	43.780	ug/l	93
10) Methyl Iodide	4.595	142	368143	45.446	ug/l	93
11) Tert butyl alcohol	5.536	59	235710	210.989	ug/l	99
12) 1,1-Dichloroethene	4.342	96	248775	43.627	ug/l	92
13) Acrolein	4.189	56	226255	205.847	ug/l	96
14) Allyl chloride	5.036	41	363482	46.649	ug/l	95
15) Acrylonitrile	5.730	53	650044	230.295	ug/l	99
16) Acetone	4.442	43	468808	207.736	ug/l	96
17) Carbon Disulfide	4.718	76	576512	34.963	ug/l	99
18) Methyl Acetate	5.036	43	439446	46.000	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	904007	48.116	ug/l	94
20) Methylene Chloride	5.283	84	306909	47.347	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	276811	43.078	ug/l	88
22) Diisopropyl ether	6.683	45	848291	48.621	ug/l	96
23) Vinyl Acetate	6.612	43	2576131	232.256	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	541283	46.041	ug/l	96
25) 2-Butanone	7.494	43	800581	225.362	ug/l	88
26) 2,2-Dichloropropane	7.494	77	457303	47.559	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	347729	46.778	ug/l	95
28) Bromochloromethane	7.824	49	253903	45.853	ug/l	95
29) Tetrahydrofuran	7.841	42	508939	218.336	ug/l	88
30) Chloroform	7.971	83	584964	47.792	ug/l	98
31) Cyclohexane	8.265	56	377434	38.549	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	517765	47.182	ug/l	99
36) 1,1-Dichloropropene	8.377	75	398496	46.590	ug/l	98
37) Ethyl Acetate	7.571	43	333609	46.788	ug/l	96
38) Carbon Tetrachloride	8.365	117	453624	48.797	ug/l	99
39) Methylcyclohexane	9.606	83	363701	46.584	ug/l	93
40) Benzene	8.612	78	1256427	49.583	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	180649	49.699	ug/l	93
42) 1,2-Dichloroethane	8.677	62	423110	49.090	ug/l	98
43) Isopropyl Acetate	8.694	43	593425	50.551	ug/l	95
44) Trichloroethene	9.359	130	326555	47.815	ug/l	96
45) 1,2-Dichloropropane	9.630	63	322264	50.213	ug/l	98
46) Dibromomethane	9.712	93	229564	50.821	ug/l	91
47) Bromodichloromethane	9.894	83	477030	52.682	ug/l	96
48) Methyl methacrylate	9.688	41	264372	48.611	ug/l	93
49) 1,4-Dioxane	9.700	88	116274	980.349	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1771607	253.721	ug/l	95
52) Toluene	10.635	92	796172	50.695	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	487989	52.605	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	532332	53.835	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	328858	53.147	ug/l	98
56) Ethyl methacrylate	10.882	69	466119	53.888	ug/l	93
57) 1,3-Dichloropropane	11.171	76	536890	51.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	810232	262.845	ug/l	94
59) 2-Hexanone	11.200	43	1248101	251.505	ug/l	94
60) Dibromochloromethane	11.365	129	372125	54.475	ug/l	100
61) 1,2-Dibromoethane	11.476	107	326370	51.202	ug/l	99
64) Tetrachloroethene	11.112	164	285913	47.848	ug/l	95
65) Chlorobenzene	11.900	112	875007	49.253	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	344548	50.414	ug/l	97
67) Ethyl Benzene	11.971	91	1525749	50.808	ug/l	99
68) m/p-Xylenes	12.076	106	1149394	103.523	ug/l	99
69) o-Xylene	12.400	106	568075	50.656	ug/l	98
70) Styrene	12.418	104	929711	52.991	ug/l	98
71) Bromoform	12.582	173	248598	53.709	ug/l #	100
73) Isopropylbenzene	12.700	105	1423255	45.271	ug/l	100
74) N-amyl acetate	12.500	43	466664	43.073	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	442613	50.433	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	534266	66.063	ug/l	71
77) Bromobenzene	12.988	156	349192	51.109	ug/l	92
78) n-propylbenzene	13.041	91	1565335	46.557	ug/l	99
79) 2-Chlorotoluene	13.129	91	972558	44.161	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	1142012	45.974	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	133382	43.340	ug/l	93
82) 4-Chlorotoluene	13.229	91	948711	46.179	ug/l	96
83) tert-Butylbenzene	13.441	119	968565	45.926	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1127296	46.721	ug/l	98
85) sec-Butylbenzene	13.623	105	1237241	46.413	ug/l	98
86) p-Isopropyltoluene	13.735	119	1012241	47.290	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	577390	47.840	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	570898	46.962	ug/l	98
89) n-Butylbenzene	14.065	91	779196	50.877	ug/l	98
90) Hexachloroethane	14.335	117	192216	48.839	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	558710	46.517	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	70986	47.051	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	194541	50.750	ug/l	98
94) Hexachlorobutadiene	15.506	225	110536	56.259	ug/l	98
95) Naphthalene	15.647	128	566412	43.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	205141	46.541	ug/l	97

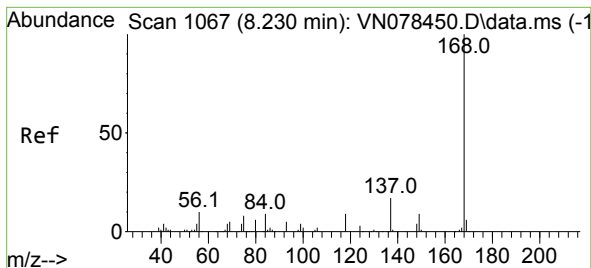
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

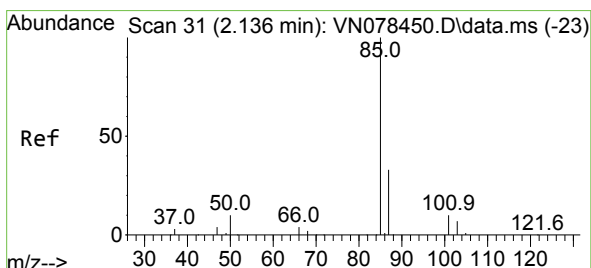
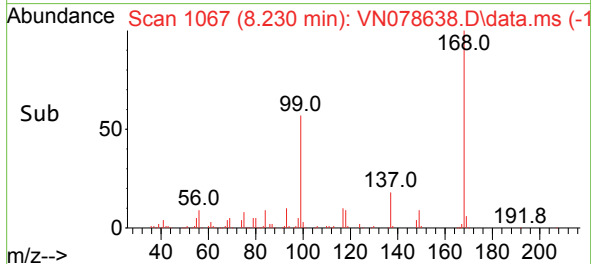
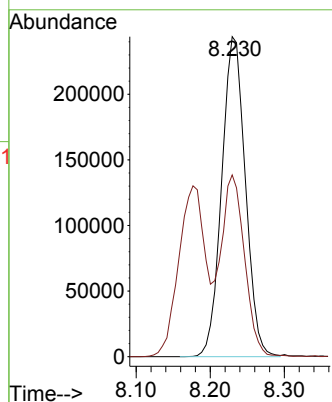
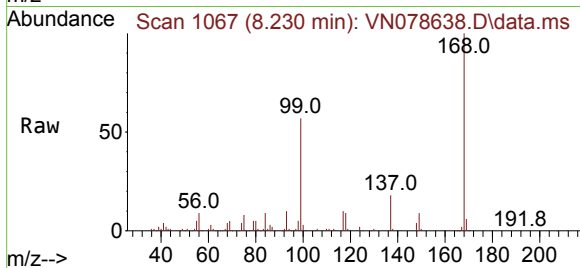
VSTDCCC050EC

Tgt Ion:168 Resp: 540410

Ion Ratio Lower Upper

168 100

99 56.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 35.122 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078638.D

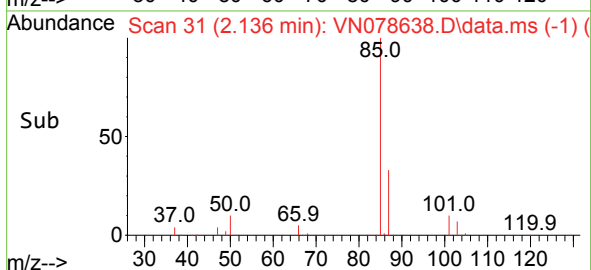
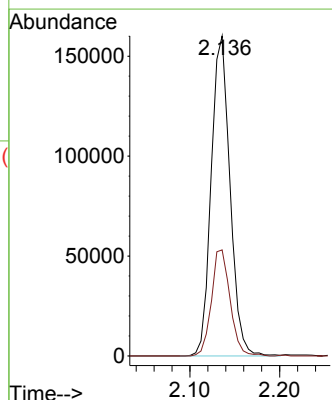
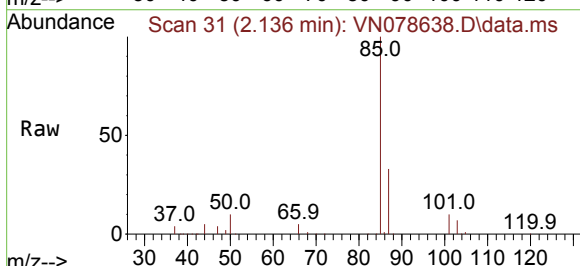
Acq: 24 Jul 2023 17:11

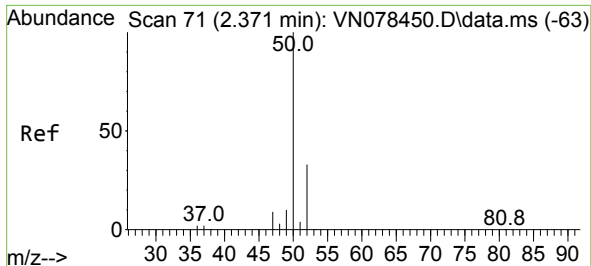
Tgt Ion: 85 Resp: 232708

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4

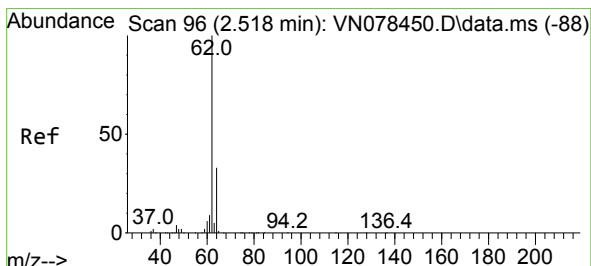
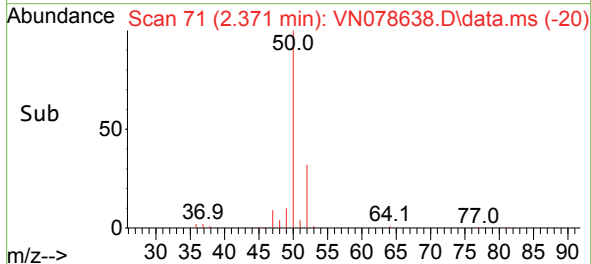
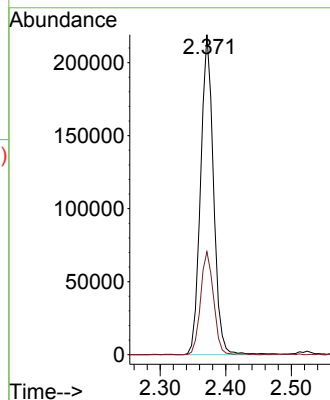
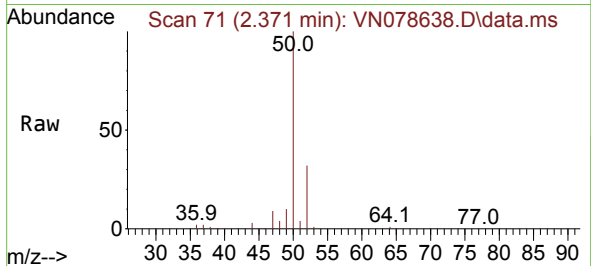




#3
Chloromethane
Concen: 41.729 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

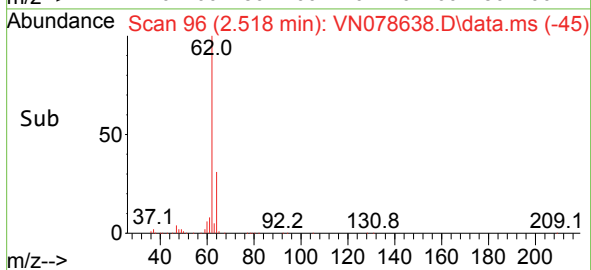
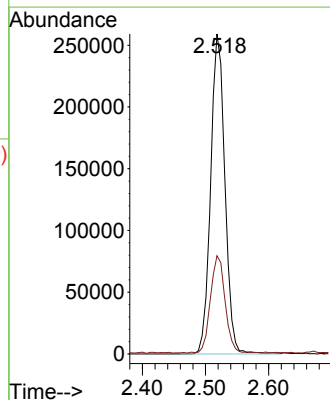
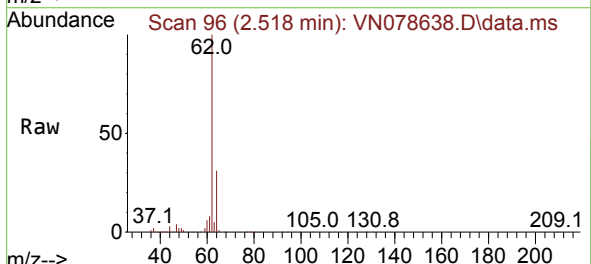
Instrument :
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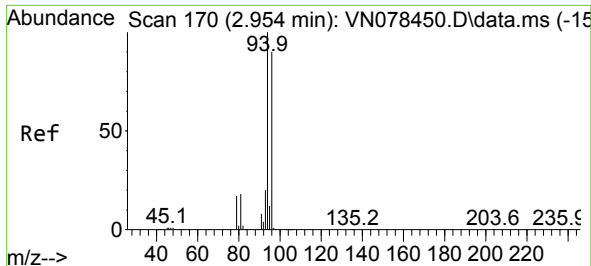
Tgt Ion: 50 Resp: 300512
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 43.635 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 62 Resp: 406502
Ion Ratio Lower Upper
62 100
64 30.4 26.2 39.2

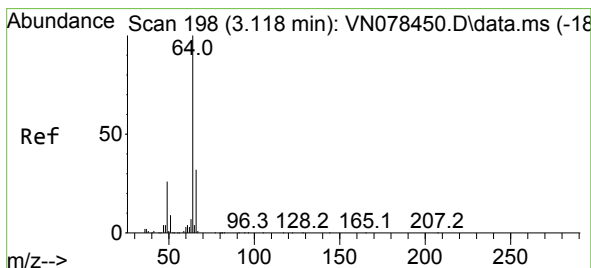
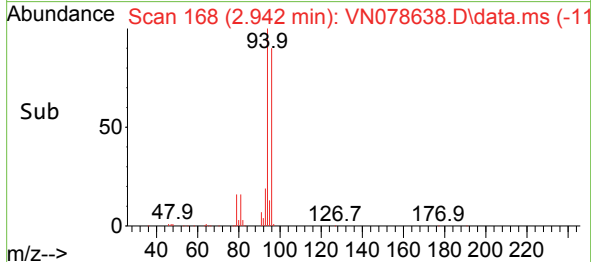
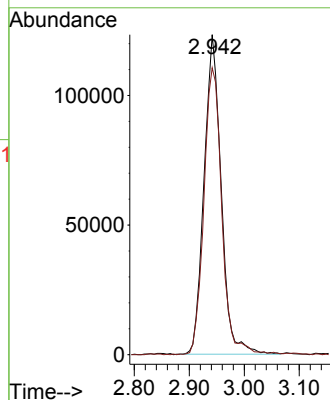
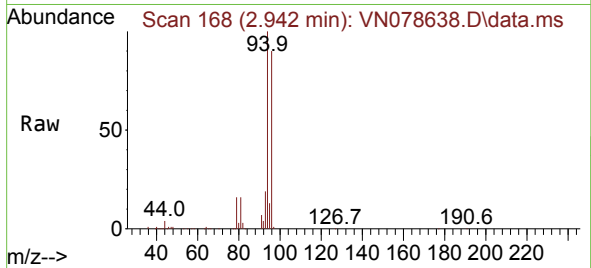




#5
Bromomethane
Concen: 44.737 ug/l
RT: 2.942 min Scan# 170
Delta R.T. -0.012 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

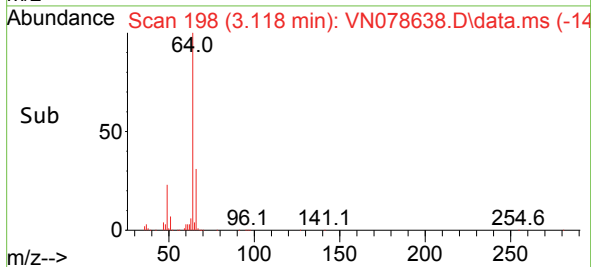
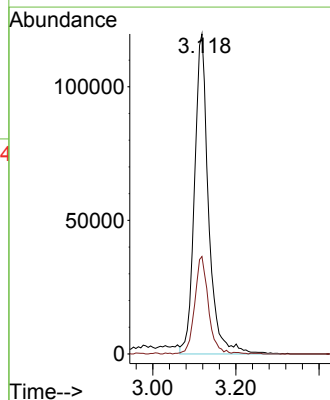
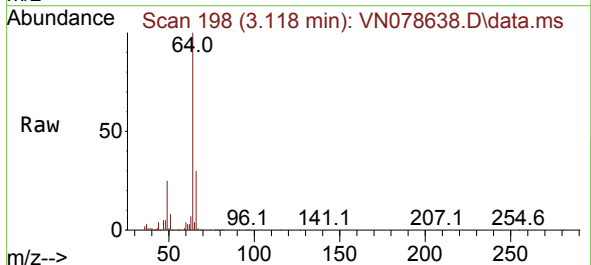
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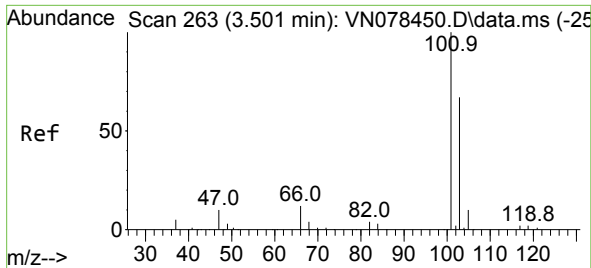
Tgt Ion: 94 Resp: 266691
Ion Ratio Lower Upper
94 100
96 89.6 73.1 109.7



#6
Chloroethane
Concen: 49.855 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 64 Resp: 280981
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2

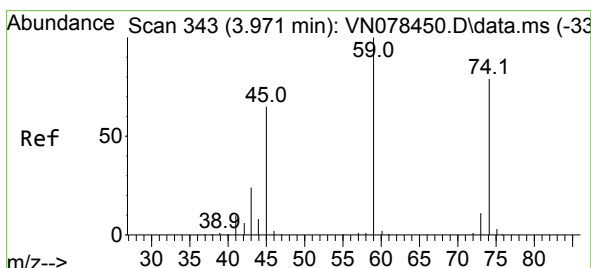
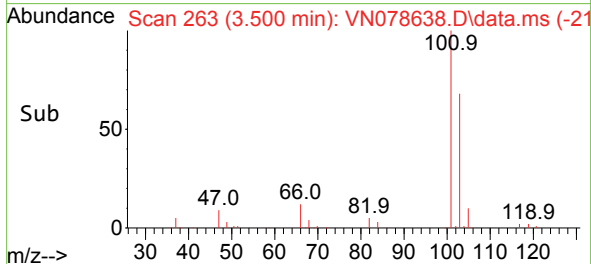
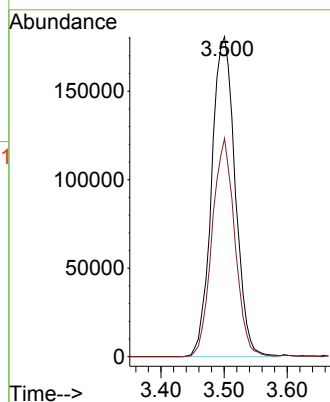
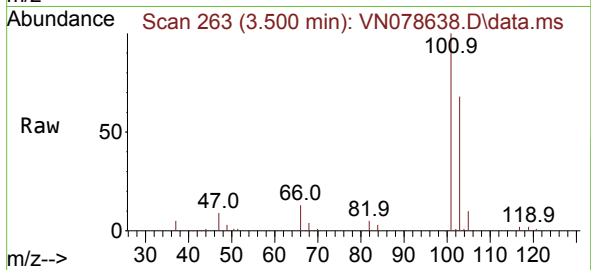




#7
 Trichlorofluoromethane
 Concen: 42.058 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

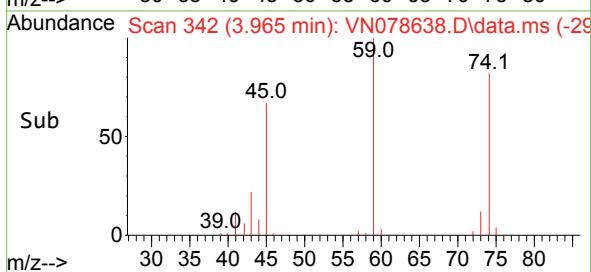
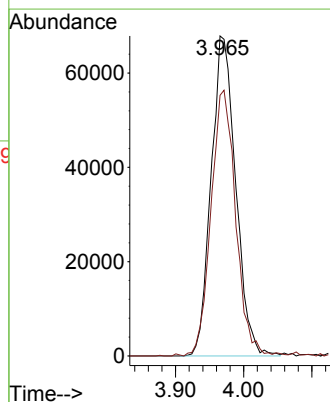
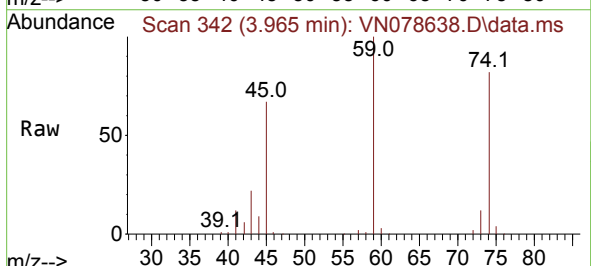
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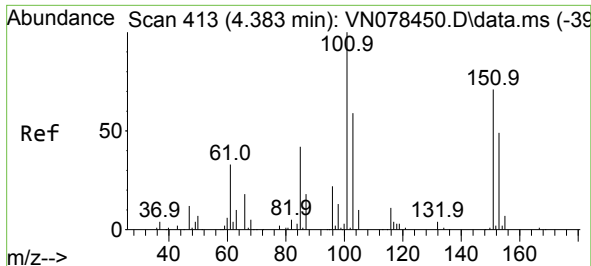
Tgt Ion:101 Resp: 468370
 Ion Ratio Lower Upper
 101 100
 103 68.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 45.838 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

Tgt Ion: 74 Resp: 170073
 Ion Ratio Lower Upper
 74 100
 45 83.1 34.4 103.3

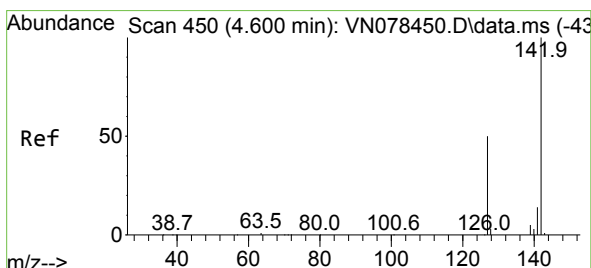
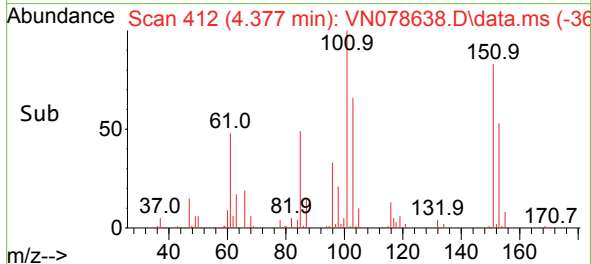
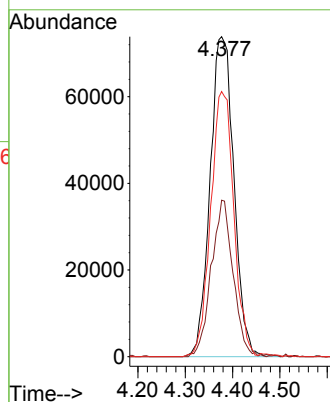
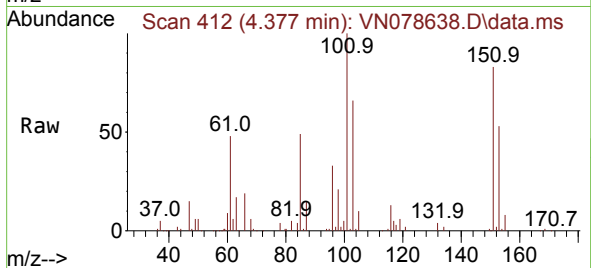




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.780 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078638.D
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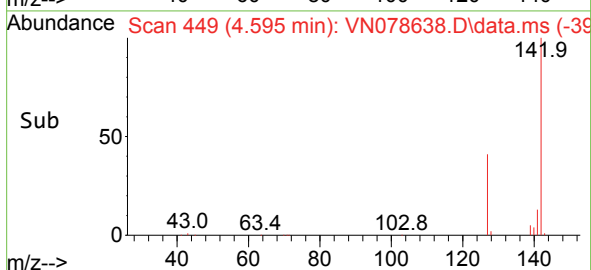
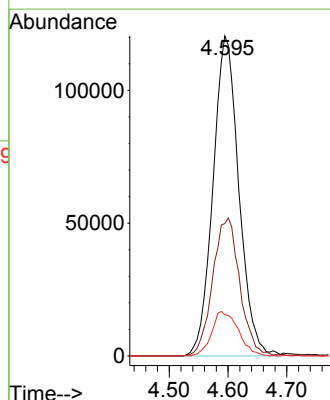
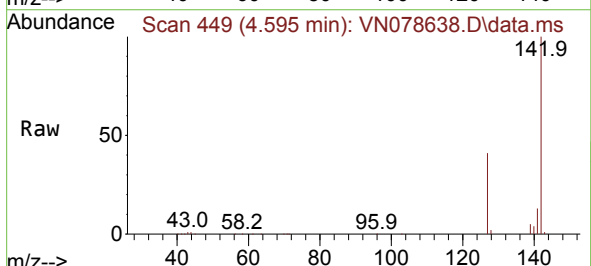
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

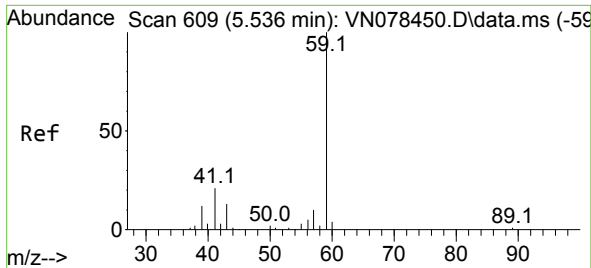
Tgt Ion:101 Resp: 258085
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 80.4 57.6 86.4



#10
Methyl Iodide
Concen: 45.446 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion:142 Resp: 368143
Ion Ratio Lower Upper
142 100
127 41.4 37.6 56.4
141 12.9 11.4 17.0

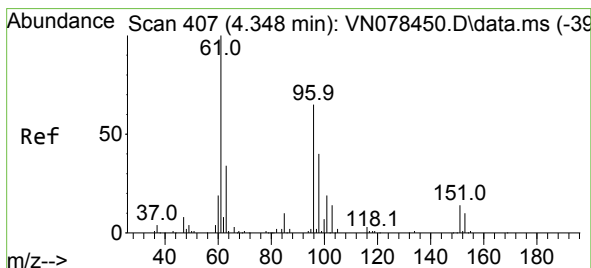
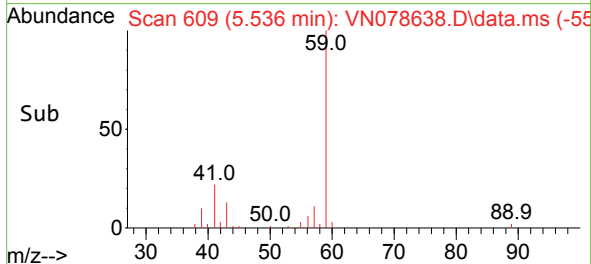
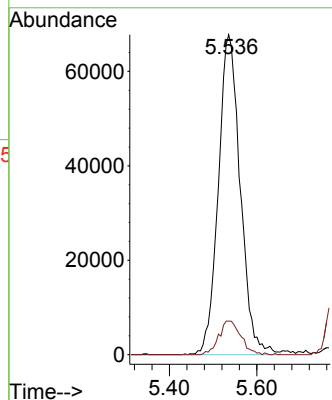
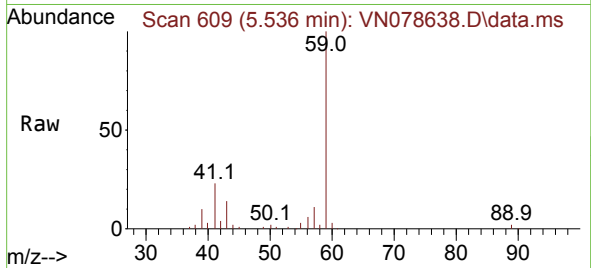




#11
Tert butyl alcohol
Concen: 210.989 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

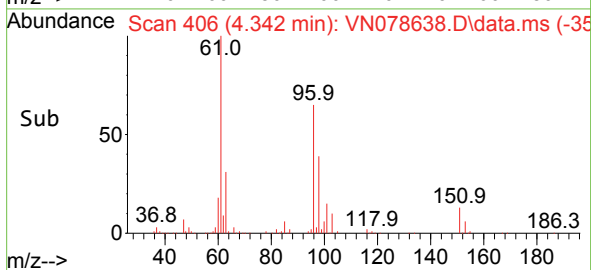
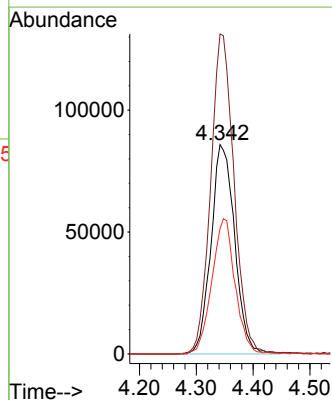
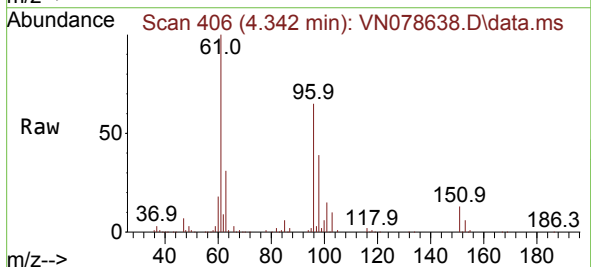
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

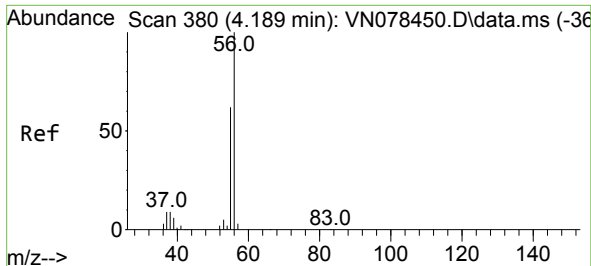
Tgt Ion: 59 Resp: 235710
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 43.627 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 96 Resp: 248775
Ion Ratio Lower Upper
96 100
61 152.9 112.7 169.1
98 59.6 51.2 76.8

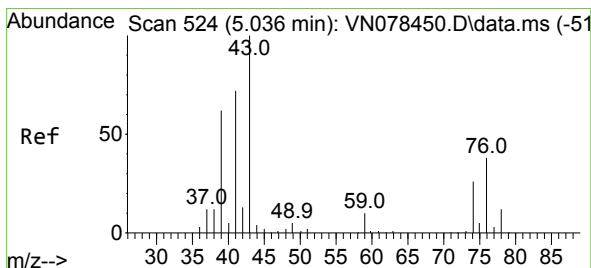
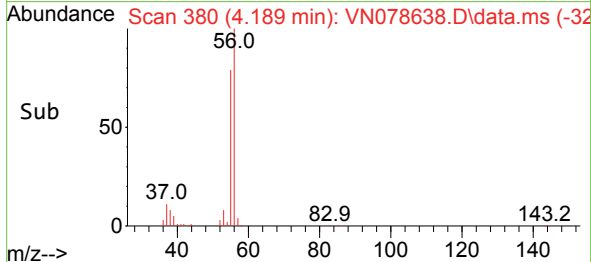
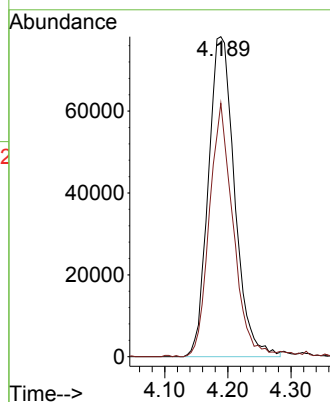
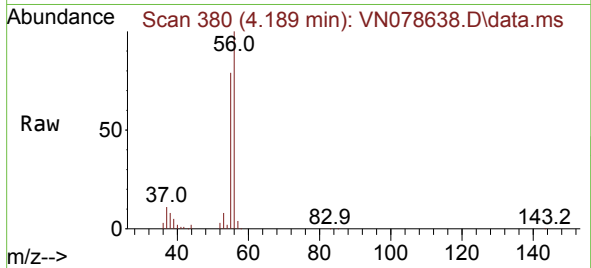




#13
Acrolein
Concen: 205.847 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

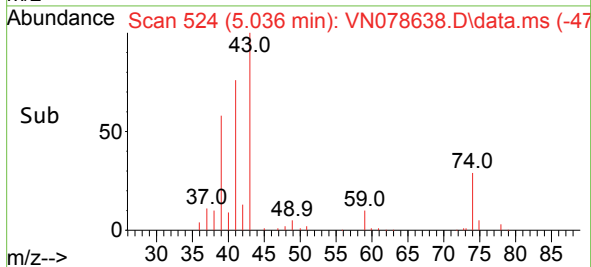
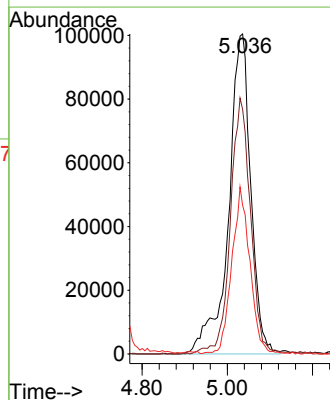
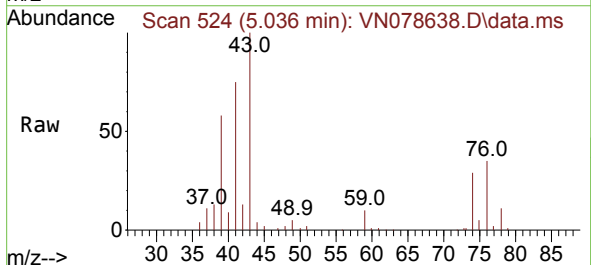
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

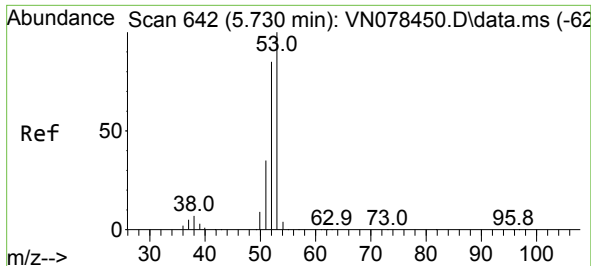
Tgt Ion: 56 Resp: 226255
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7



#14
Allyl chloride
Concen: 46.649 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 41 Resp: 363482
Ion Ratio Lower Upper
41 100
39 72.5 58.8 88.2
76 42.1 39.1 58.7

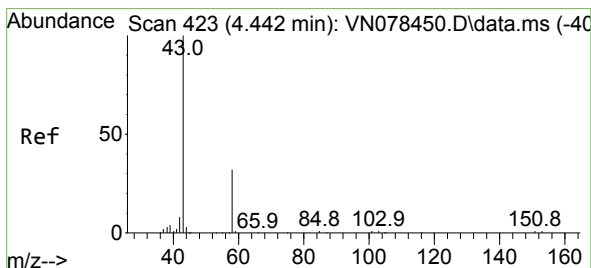
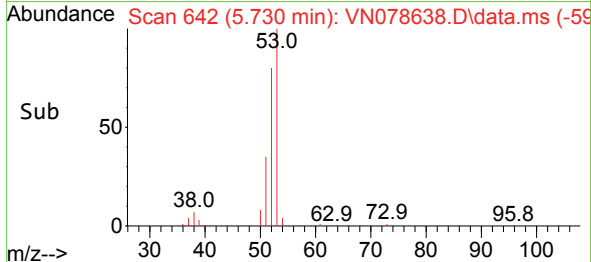
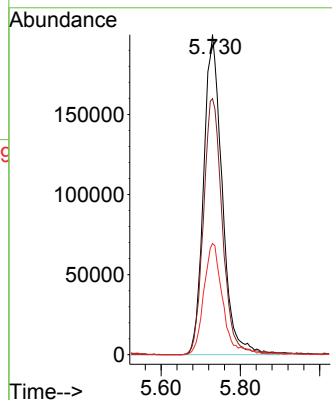
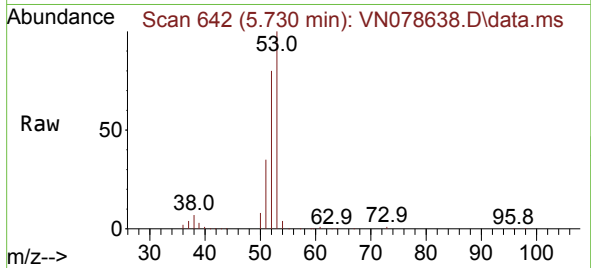




#15
Acrylonitrile
Concen: 230.295 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

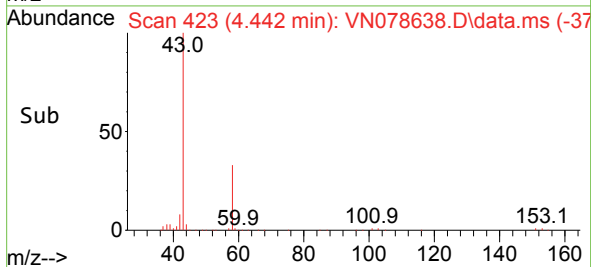
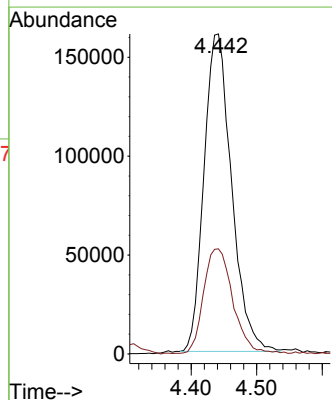
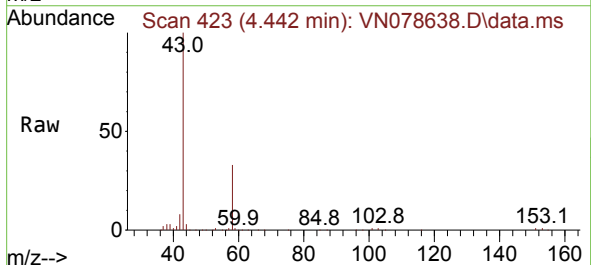
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

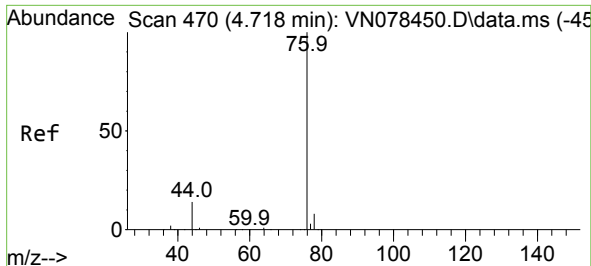
Tgt Ion: 53 Resp: 650044
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 35.5 28.9 43.3



#16
Acetone
Concen: 207.736 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 43 Resp: 468808
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0

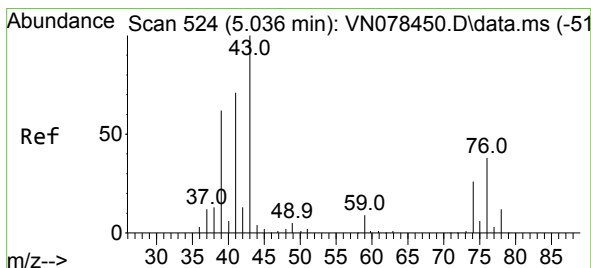
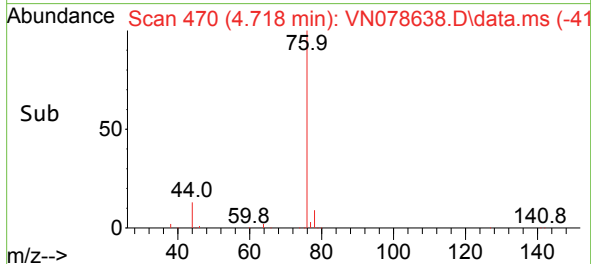
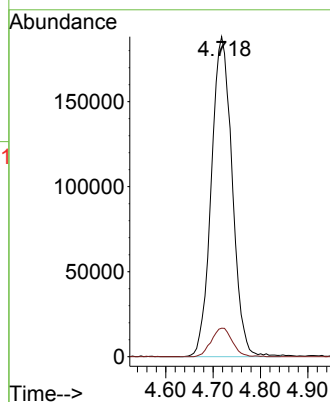
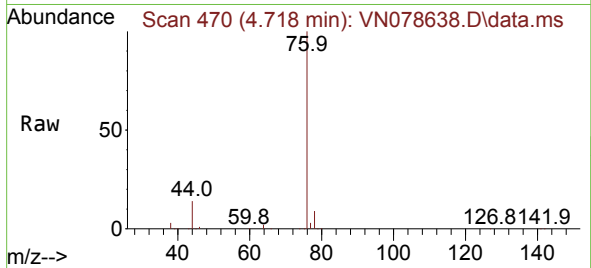




#17
Carbon Disulfide
Concen: 34.963 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

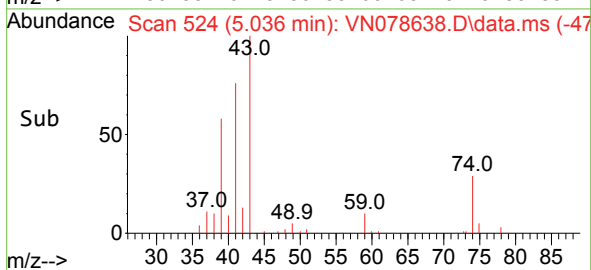
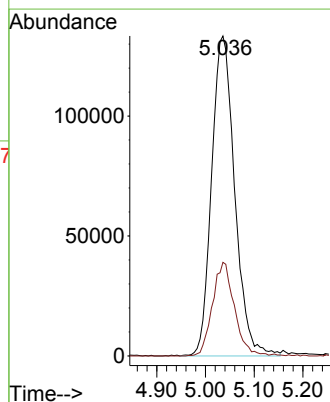
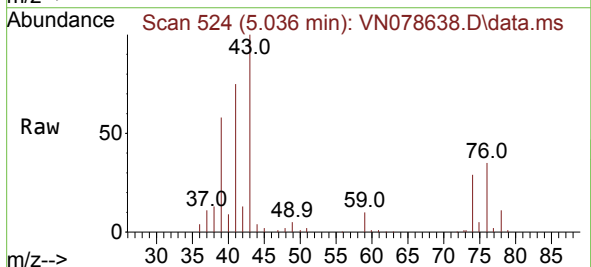
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

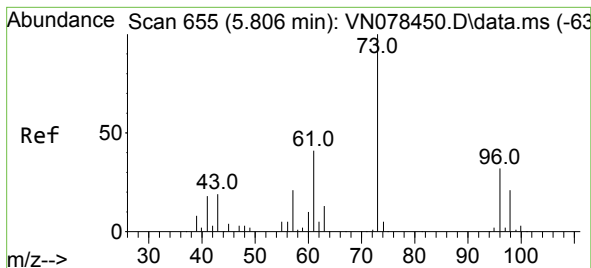
Tgt Ion: 76 Resp: 576512
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 46.000 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 43 Resp: 439446
Ion Ratio Lower Upper
43 100
74 27.7 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 48.116 ug/l

RT: 5.806 min Scan# 655

Delta R.T. 0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

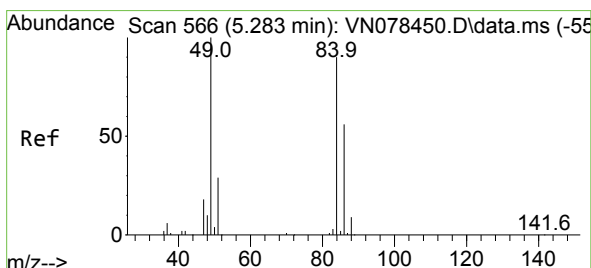
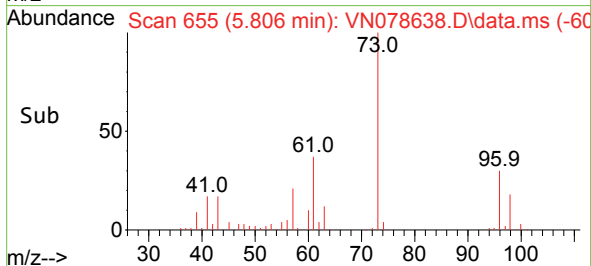
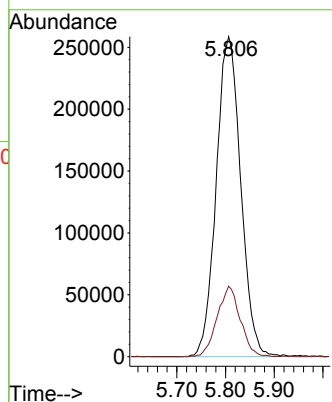
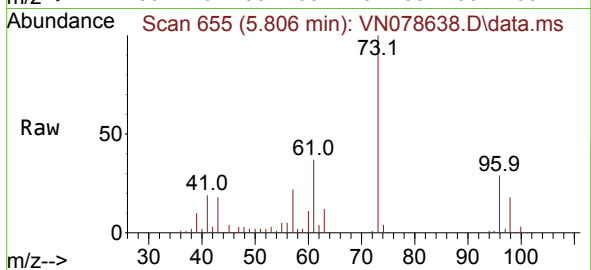
VSTDCCC050EC

Tgt Ion: 73 Resp: 904007

Ion Ratio Lower Upper

73 100

57 22.0 15.6 23.4



#20

Methylene Chloride

Concen: 47.347 ug/l

RT: 5.283 min Scan# 566

Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Tgt Ion: 84 Resp: 306909

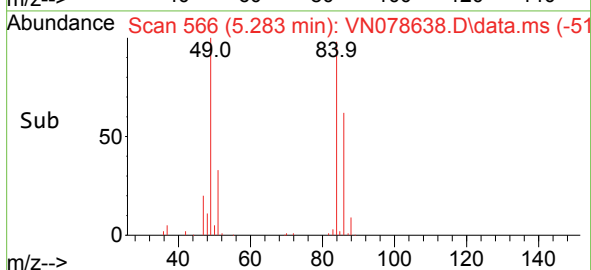
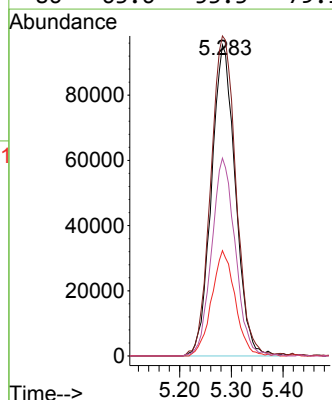
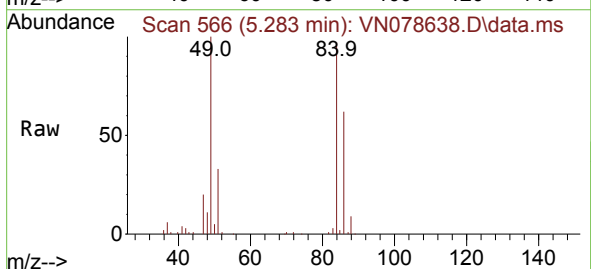
Ion Ratio Lower Upper

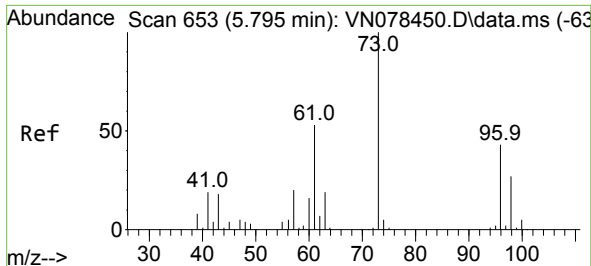
84 100

49 102.9 79.7 119.5

51 33.9 25.2 37.8

86 63.6 53.3 79.9

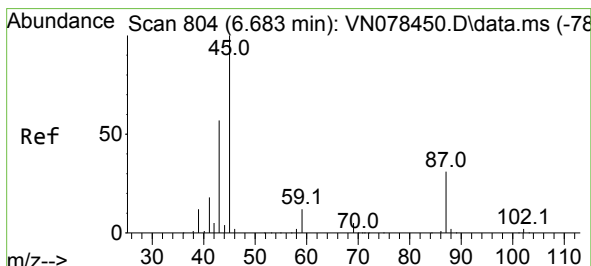
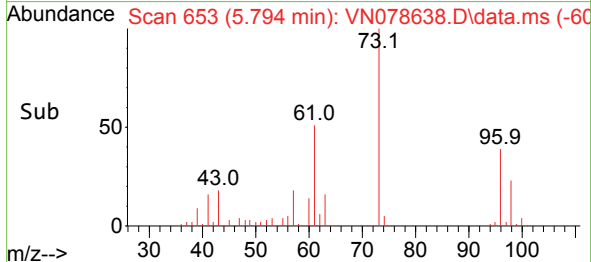
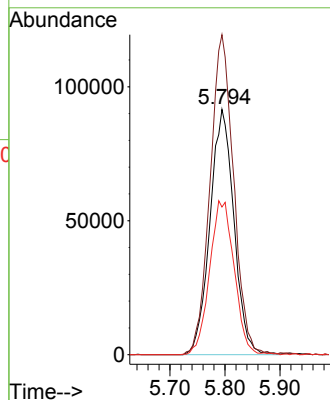
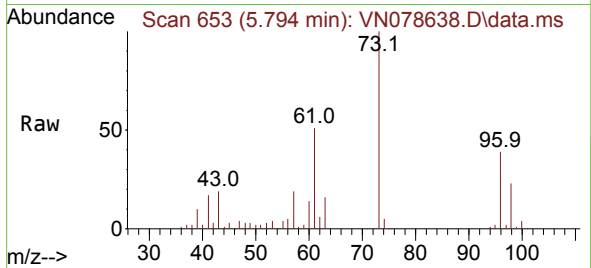




#21
trans-1,2-Dichloroethene
Concen: 43.078 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

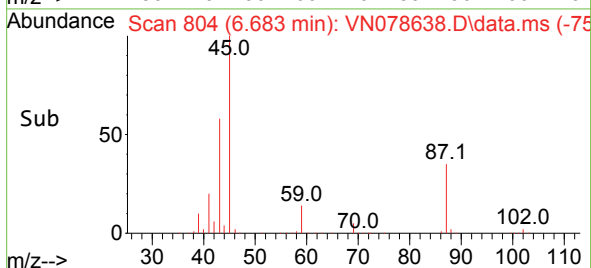
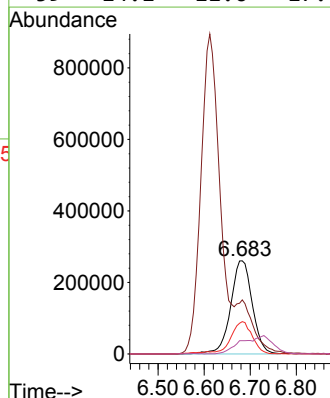
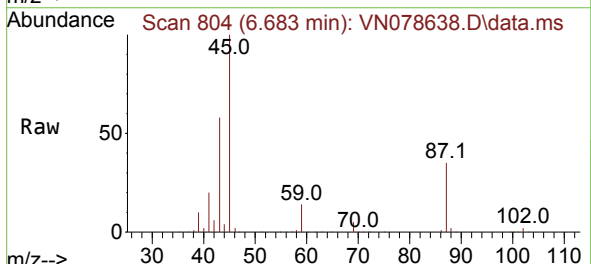
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

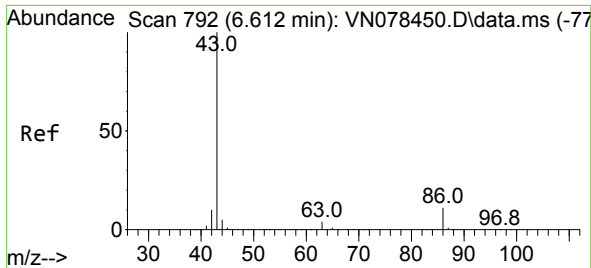
Tgt Ion: 96 Resp: 276811
Ion Ratio Lower Upper
96 100
61 130.4 90.1 135.1
98 60.2 46.4 69.6



#22
Diisopropyl ether
Concen: 48.621 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 45 Resp: 848291
Ion Ratio Lower Upper
45 100
43 57.7 45.5 68.3
87 34.5 31.8 47.8
59 14.1 11.6 17.4

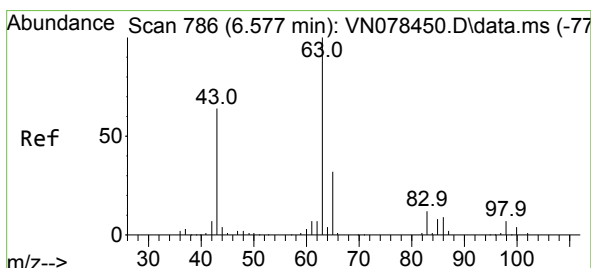
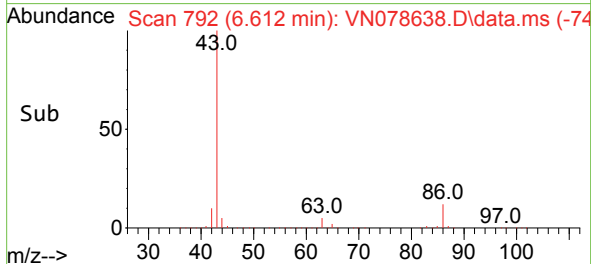
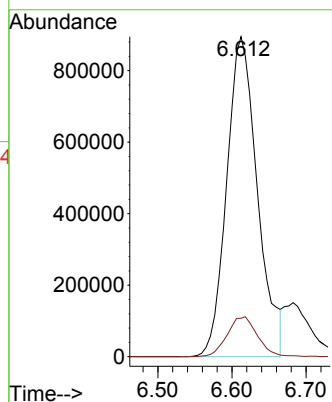
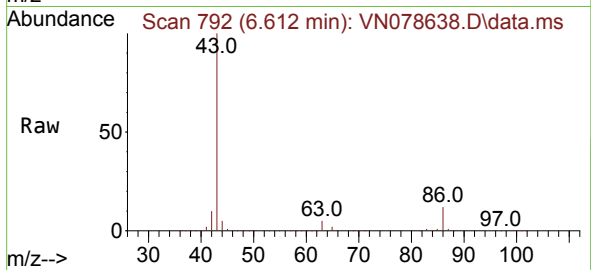




#23
 Vinyl Acetate
 Concen: 232.256 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

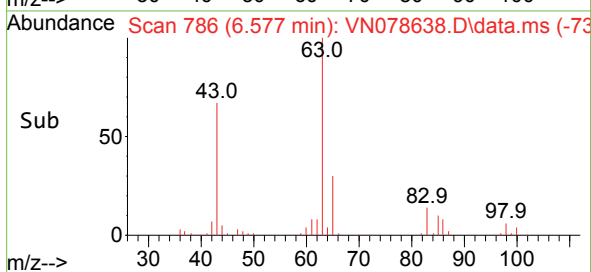
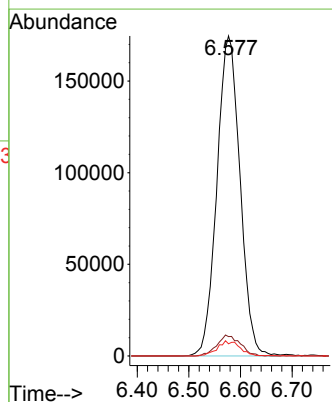
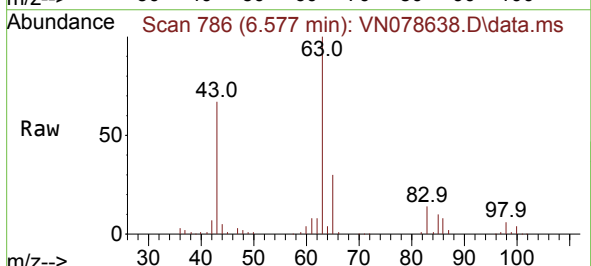
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

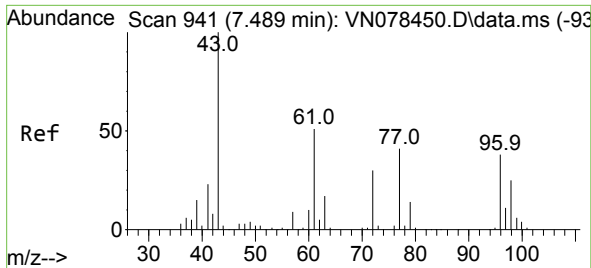
Tgt Ion: 43 Resp: 2576131
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 46.041 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

Tgt Ion: 63 Resp: 541283
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 3.8 2.5 7.4

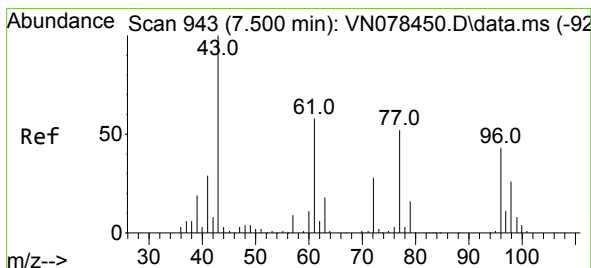
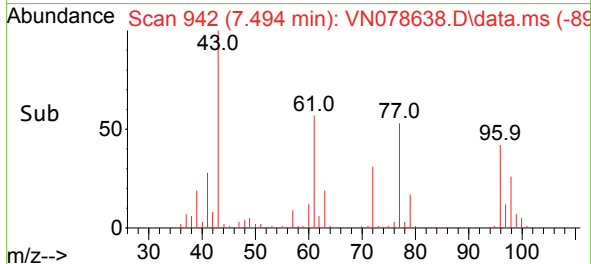
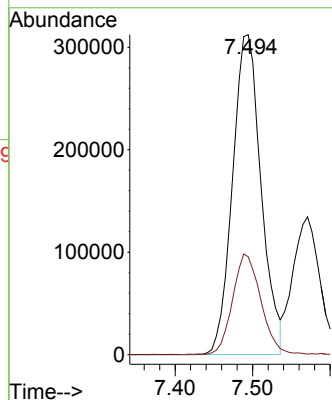
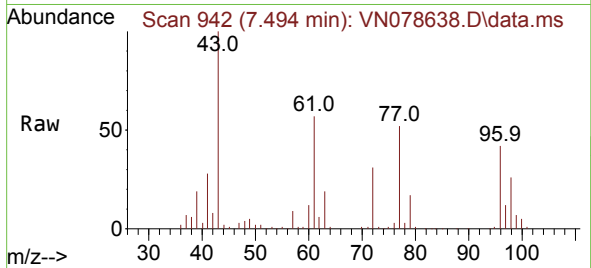




#25
2-Butanone
Concen: 225.362 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

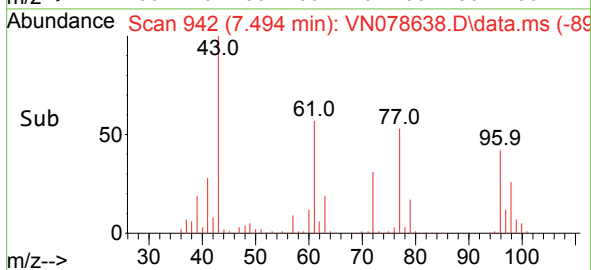
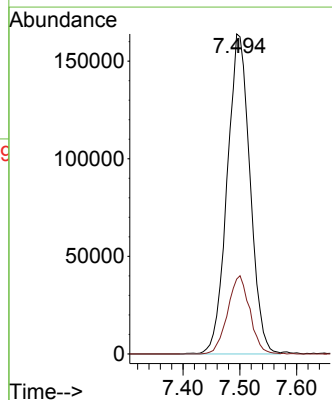
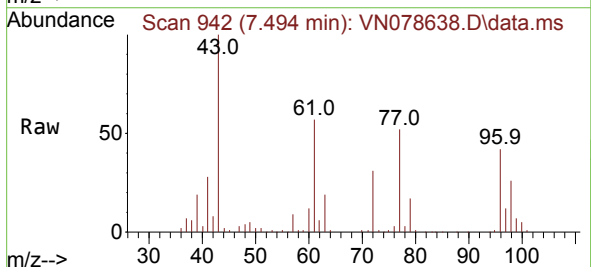
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

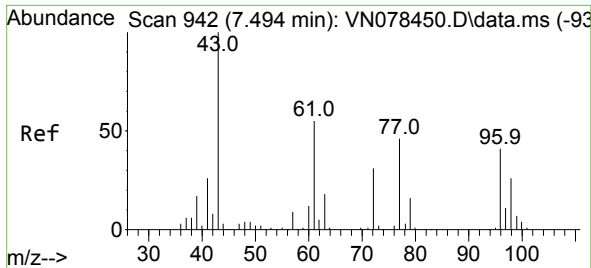
Tgt Ion: 43 Resp: 800581
Ion Ratio Lower Upper
43 100
72 30.6 30.2 45.2



#26
2,2-Dichloropropane
Concen: 47.559 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 77 Resp: 457303
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6



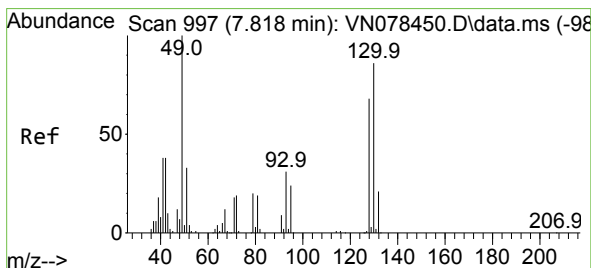
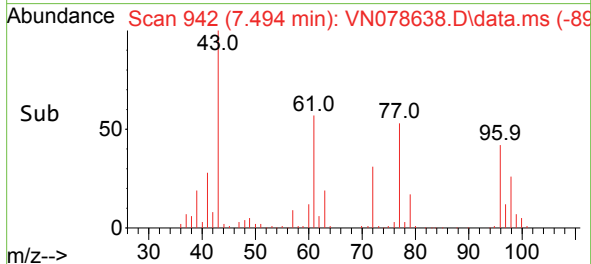
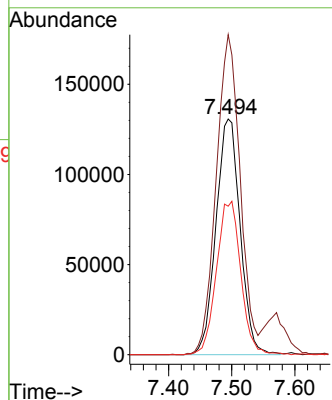
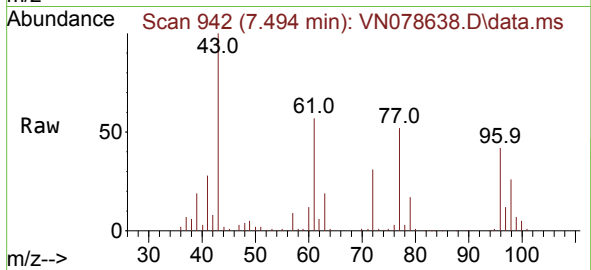


#27
 cis-1,2-Dichloroethene
 Concen: 46.778 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 347729

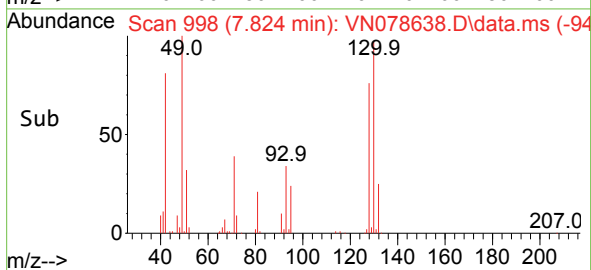
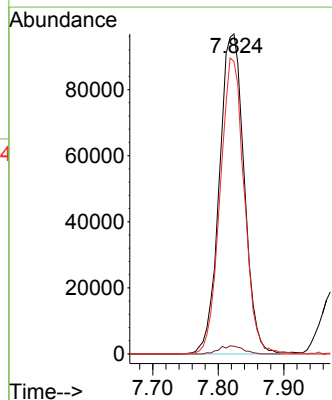
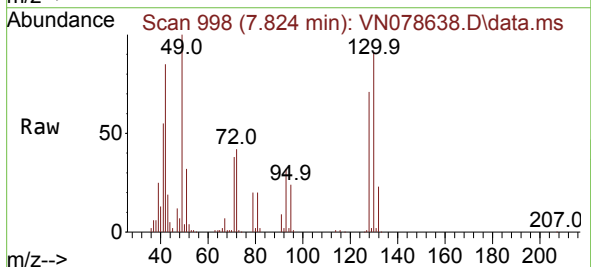
Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	255.2
98	65.7	0.0	128.8

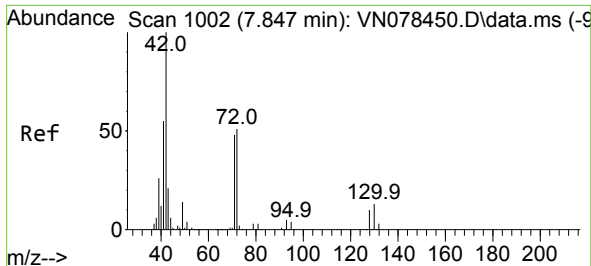


#28
 Bromochloromethane
 Concen: 45.853 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

Tgt Ion: 49 Resp: 253903

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	89.6	75.3	112.9





#29

Tetrahydrofuran

Concen: 218.336 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

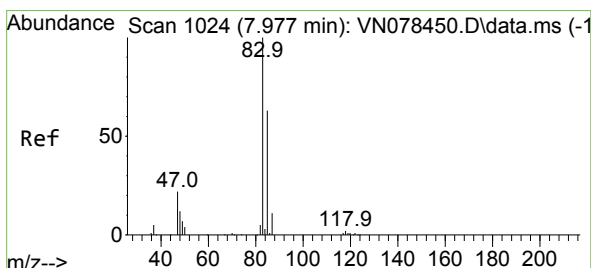
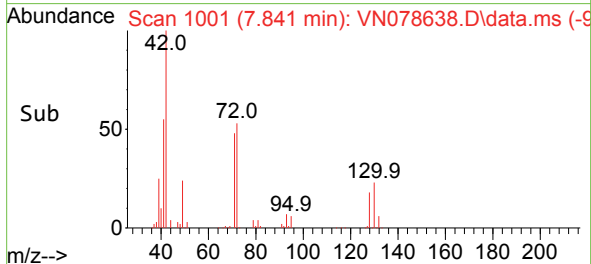
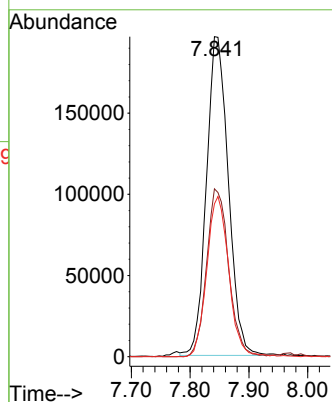
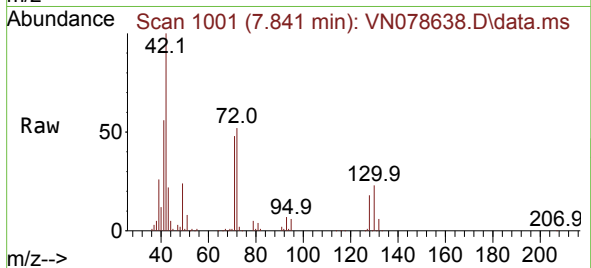
Tgt Ion: 42 Resp: 508939

Ion Ratio Lower Upper

42 100

72 53.1 49.8 74.6

71 50.3 47.4 71.2



#30

Chloroform

Concen: 47.792 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078638.D

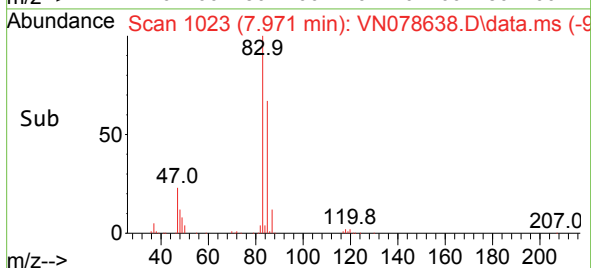
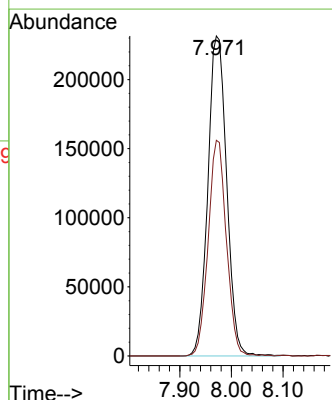
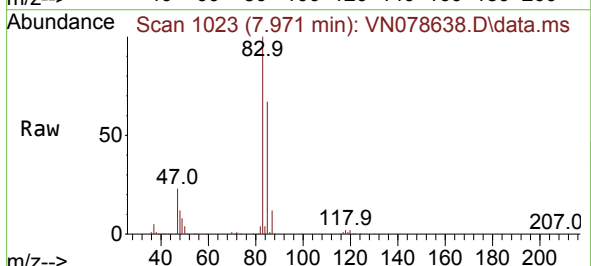
Acq: 24 Jul 2023 17:11

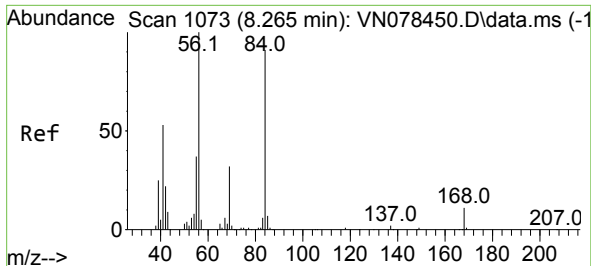
Tgt Ion: 83 Resp: 584964

Ion Ratio Lower Upper

83 100

85 67.4 55.4 83.0

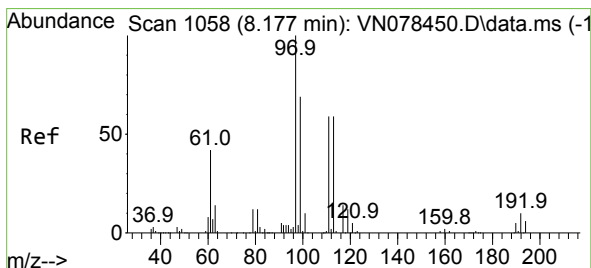
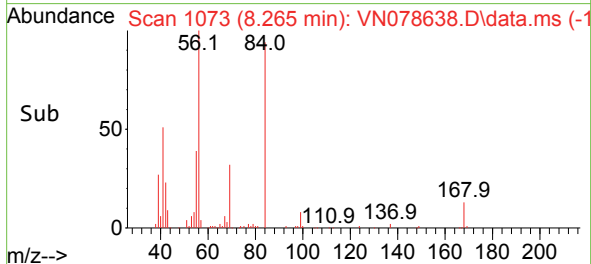
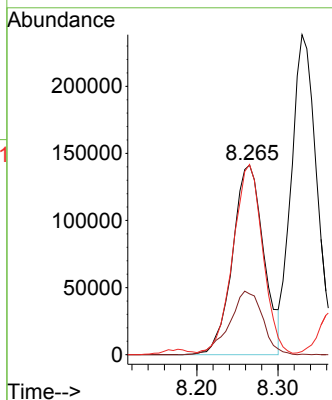
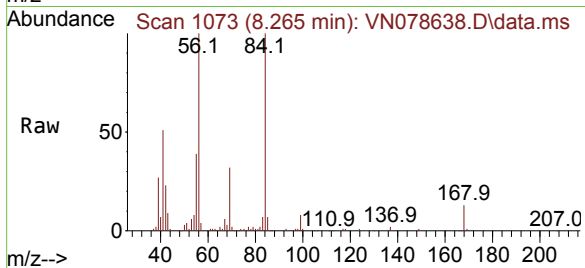




#31
Cyclohexane
Concen: 38.549 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

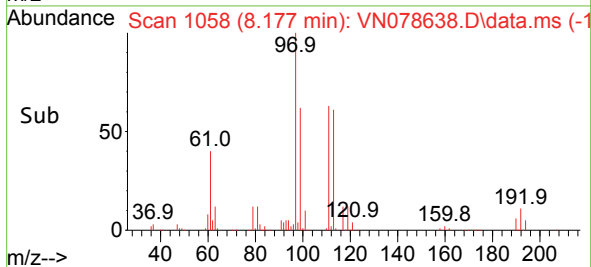
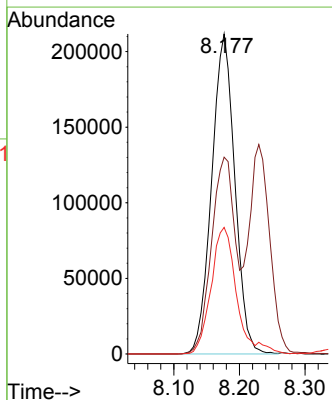
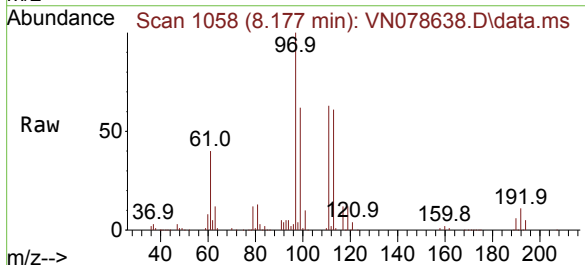
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

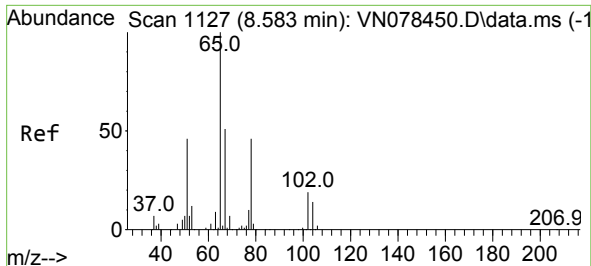
Tgt Ion: 56 Resp: 377434
Ion Ratio Lower Upper
56 100
69 32.1 26.8 40.2
84 97.6 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 47.182 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 97 Resp: 517765
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 43.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.026 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

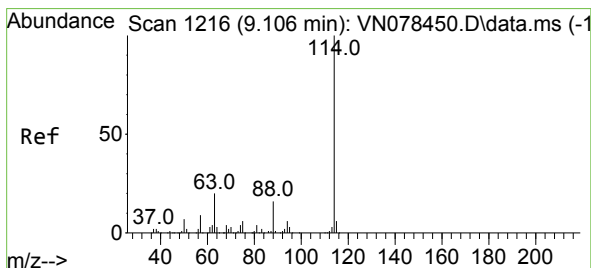
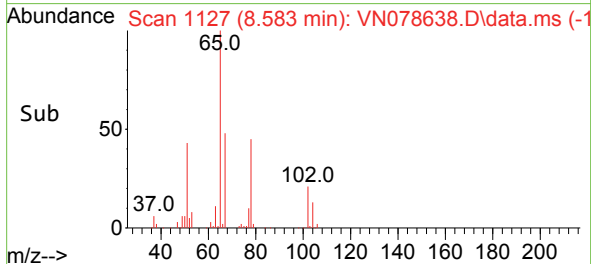
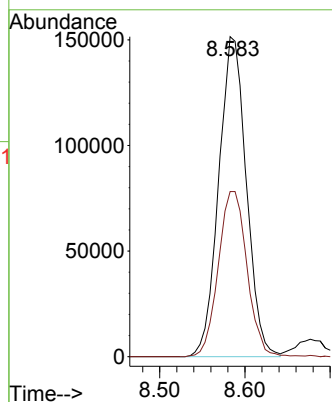
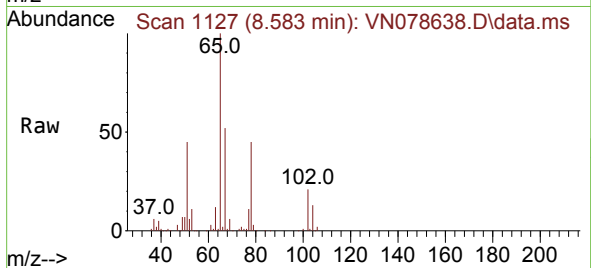
VSTDCCC050EC

Tgt Ion: 65 Resp: 340696

Ion Ratio Lower Upper

65 100

67 53.8 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: VN078638.D

Acq: 24 Jul 2023 17:11

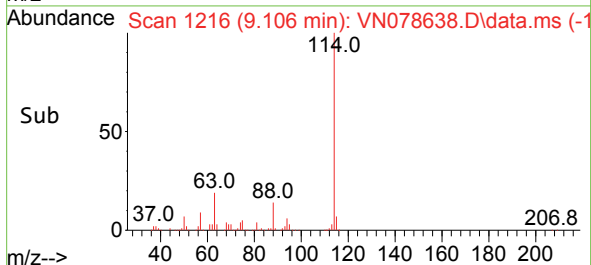
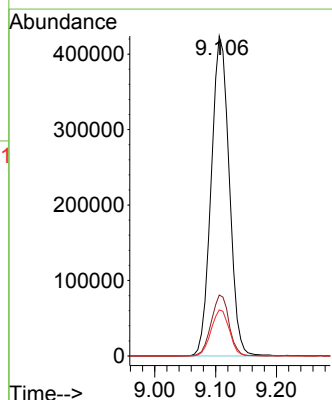
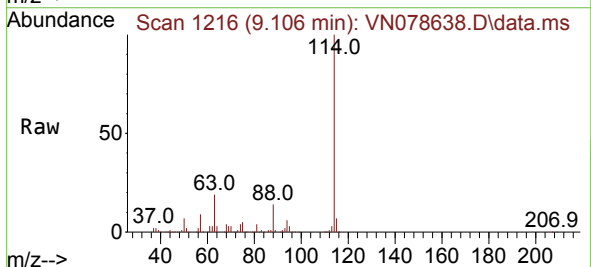
Tgt Ion: 114 Resp: 872638

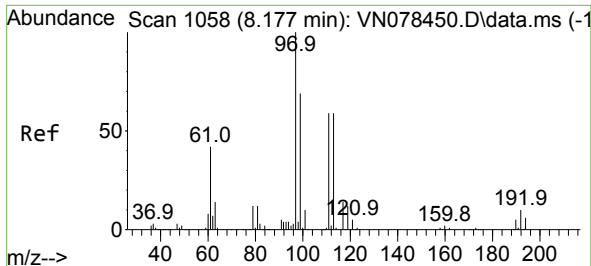
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 14.4 0.0 30.6

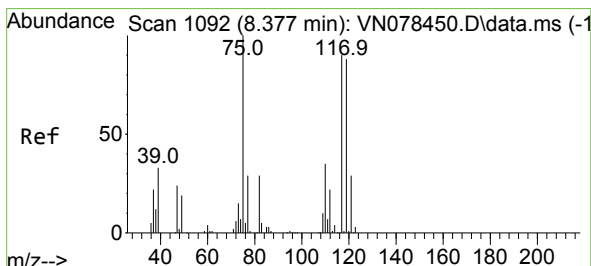
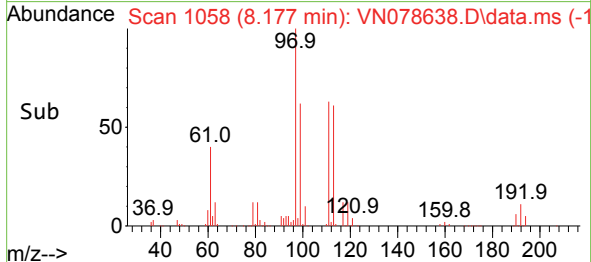
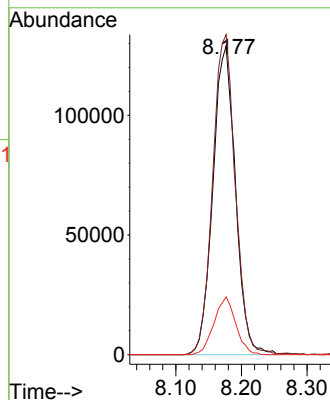
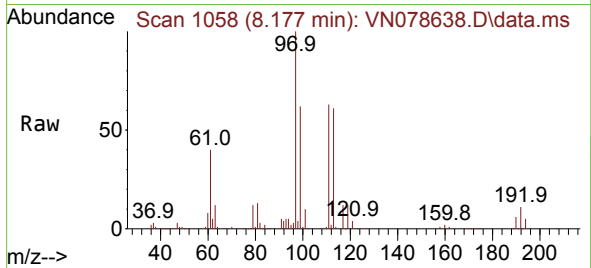




#35
Dibromofluoromethane
Concen: 52.042 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

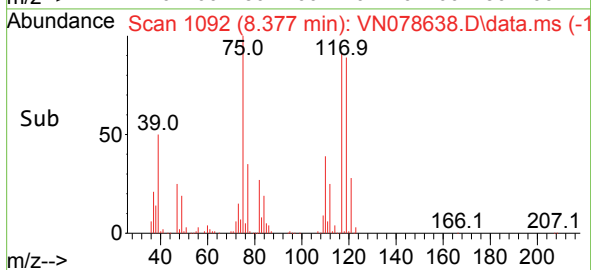
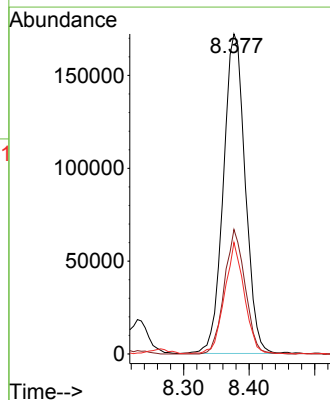
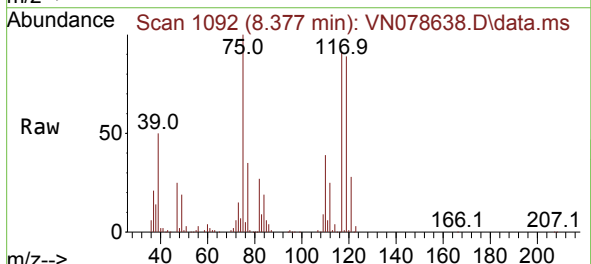
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

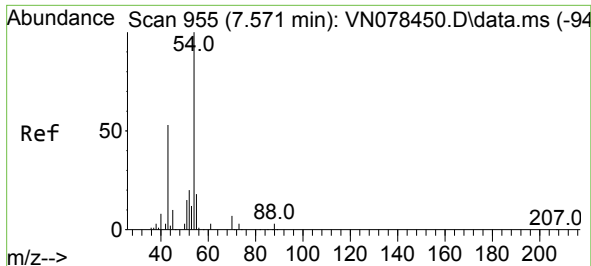
Tgt Ion:113 Resp: 308286
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 18.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 46.590 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 75 Resp: 398496
Ion Ratio Lower Upper
75 100
110 36.9 19.1 57.3
77 31.9 25.0 37.4

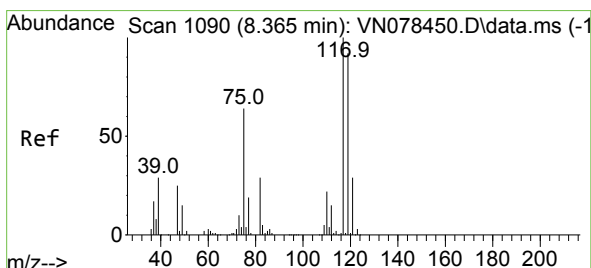
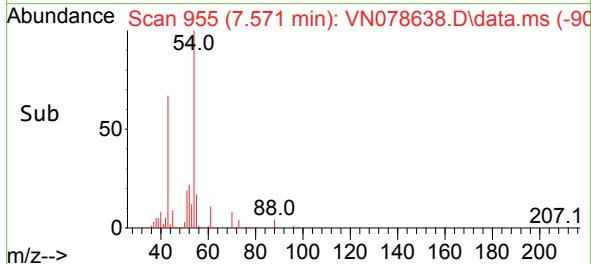
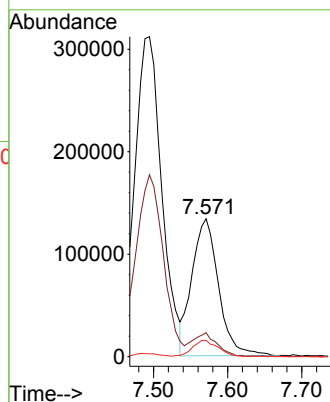
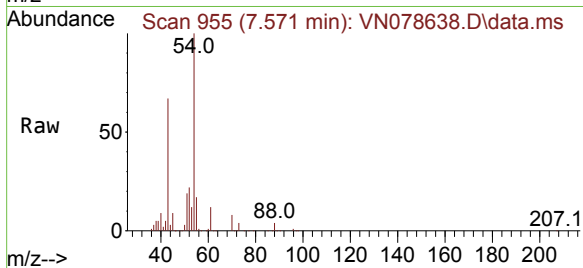




#37
Ethyl Acetate
Concen: 46.788 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

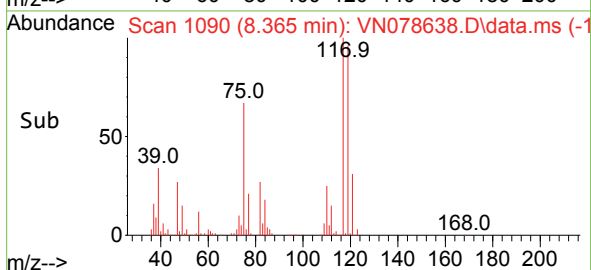
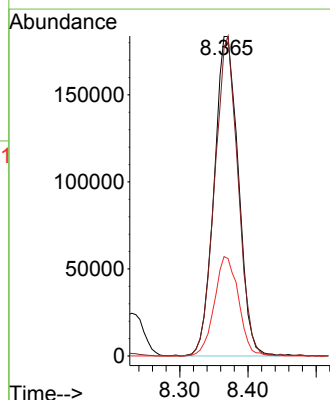
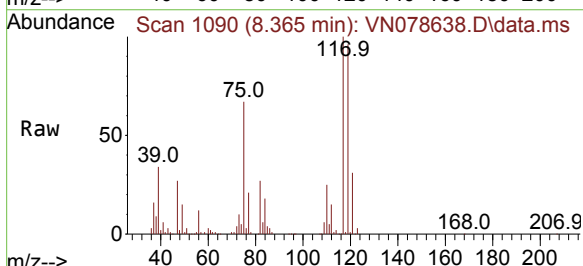
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

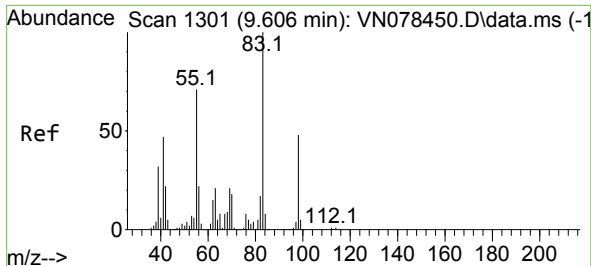
Tgt Ion: 43 Resp: 333609
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 11.6 11.3 16.9



#38
Carbon Tetrachloride
Concen: 48.797 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 117 Resp: 453624
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
121 31.1 23.3 34.9





#39

Methylcyclohexane

Concen: 46.584 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

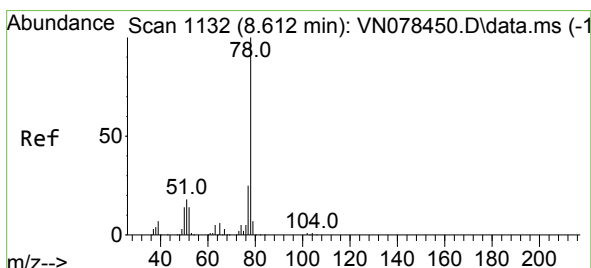
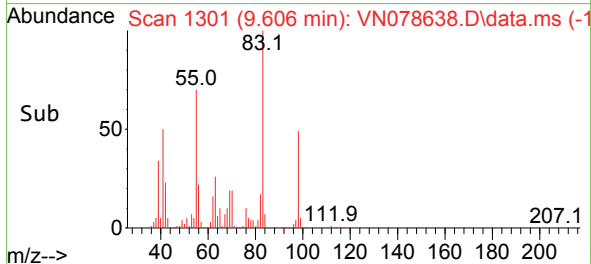
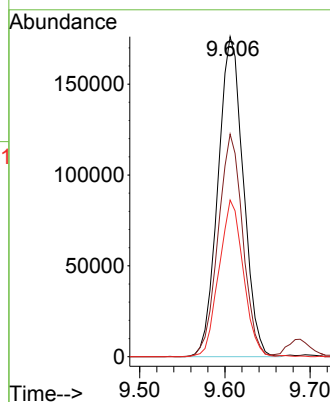
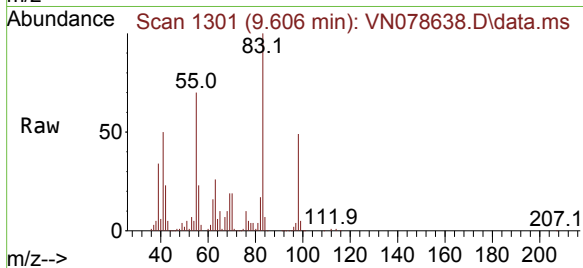
Tgt Ion: 83 Resp: 363701

Ion Ratio Lower Upper

83 100

55 69.5 49.1 73.7

98 48.9 40.6 61.0



#40

Benzene

Concen: 49.583 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078638.D

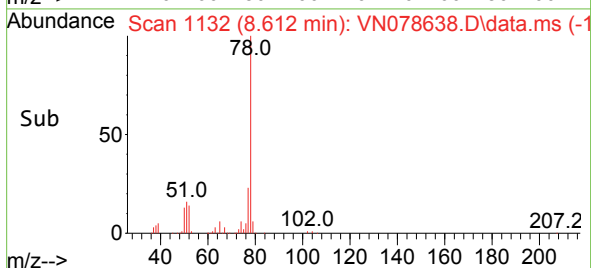
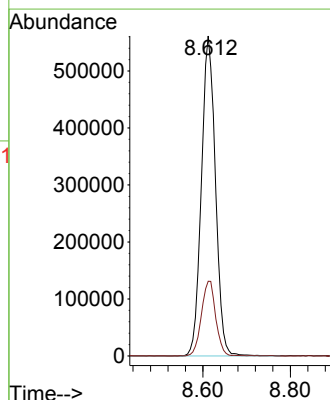
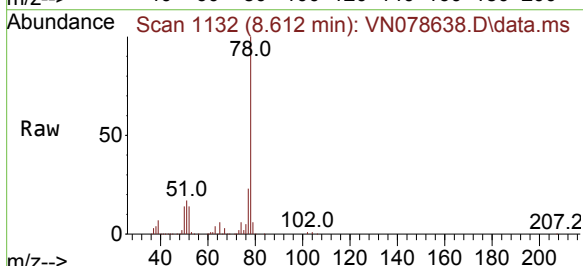
Acq: 24 Jul 2023 17:11

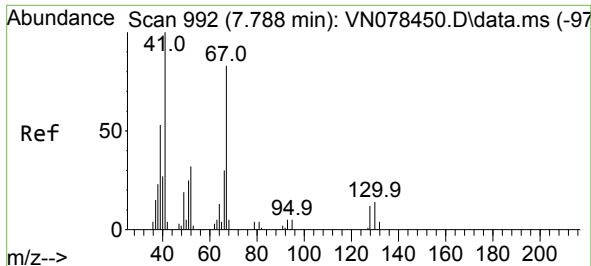
Tgt Ion: 78 Resp: 1256427

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6



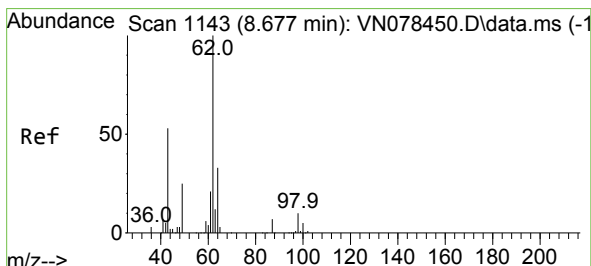
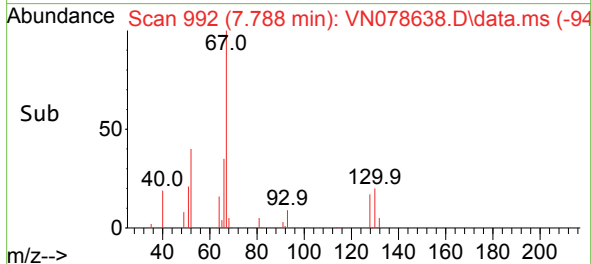
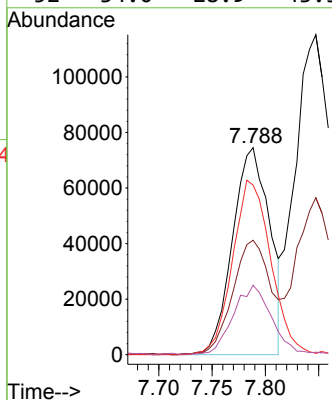
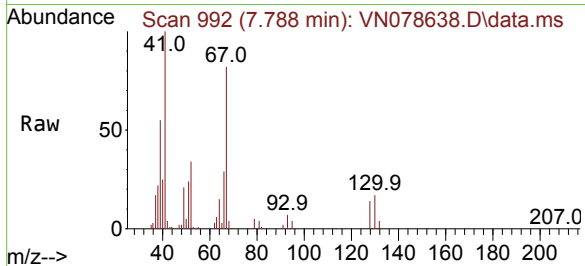


#41
Methacrylonitrile
Concen: 49.699 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 180649

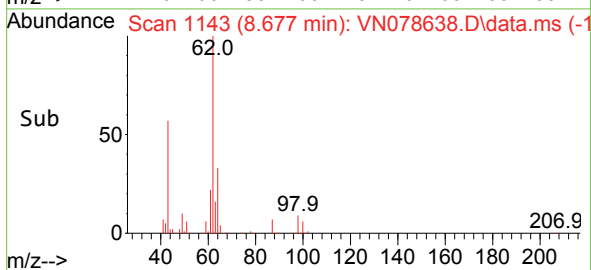
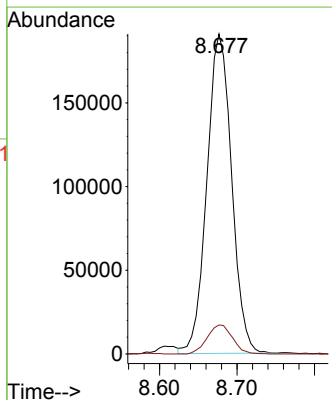
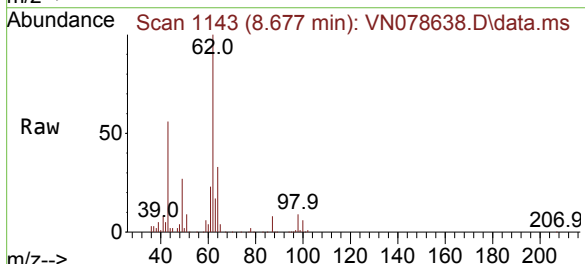
Ion	Ratio	Lower	Upper
41	100		
39	55.9	42.6	64.0
67	86.8	77.5	116.3
52	34.0	28.9	43.3

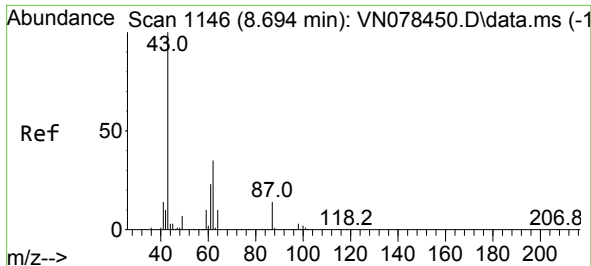


#42
1,2-Dichloroethane
Concen: 49.090 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 62 Resp: 423110

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8

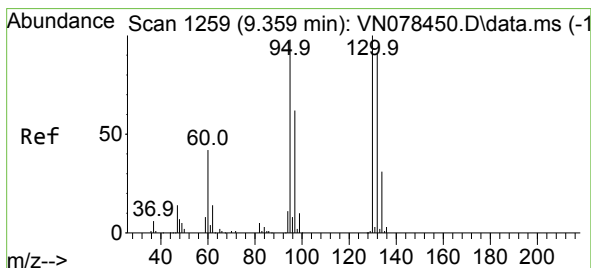
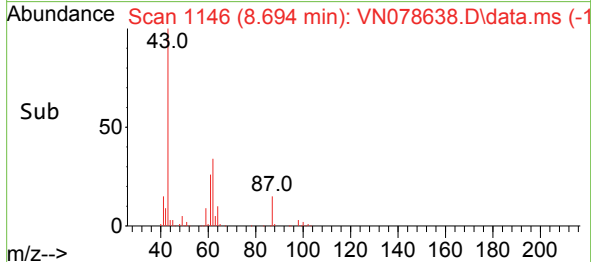
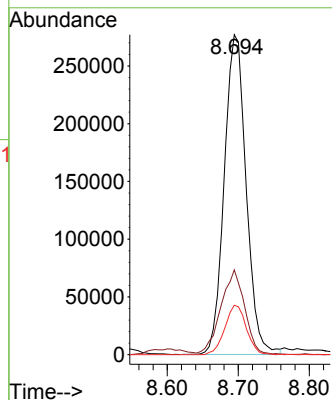
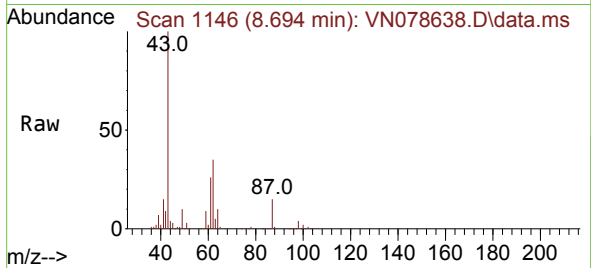




#43
Isopropyl Acetate
Concen: 50.551 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

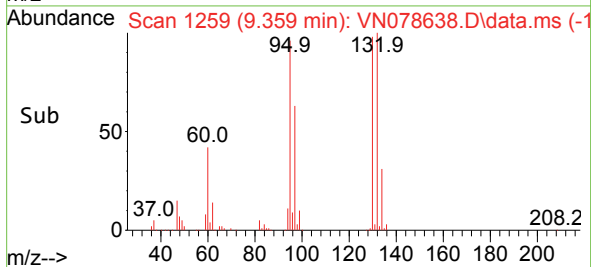
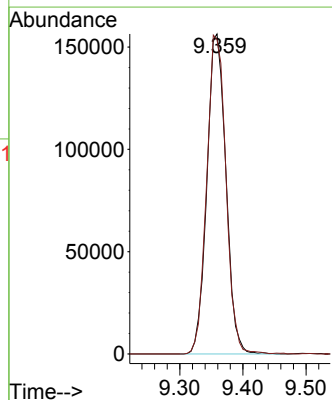
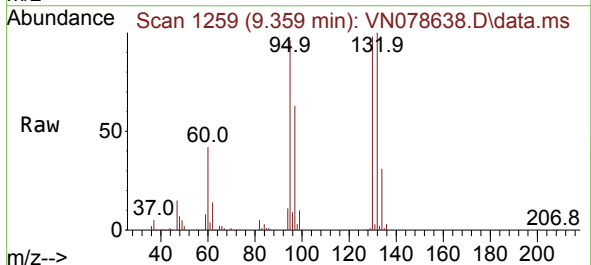
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

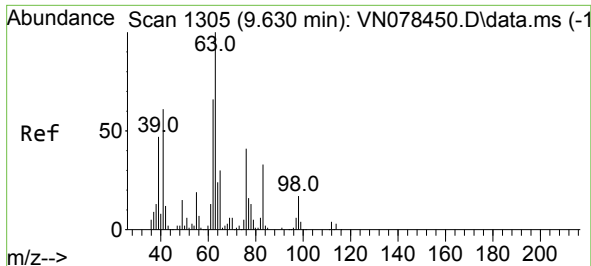
Tgt Ion: 43 Resp: 593425
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 15.2 14.6 21.8



#44
Trichloroethene
Concen: 47.815 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion:130 Resp: 326555
Ion Ratio Lower Upper
130 100
95 98.2 0.0 204.6

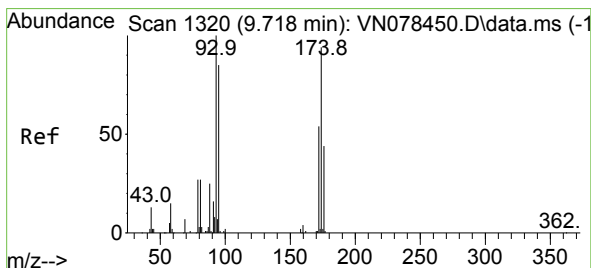
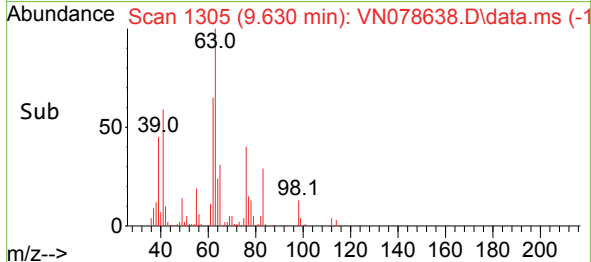
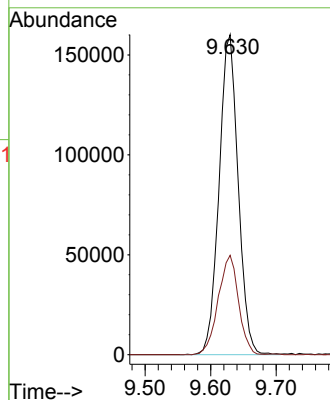
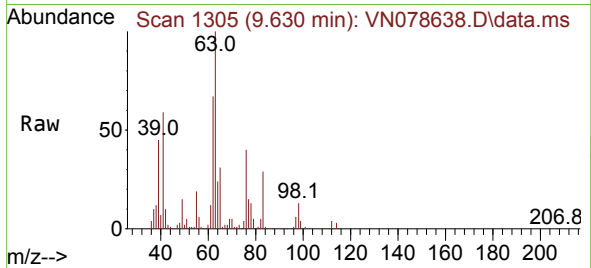




#45
1,2-Dichloropropane
Concen: 50.213 ug/l
RT: 9.630 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

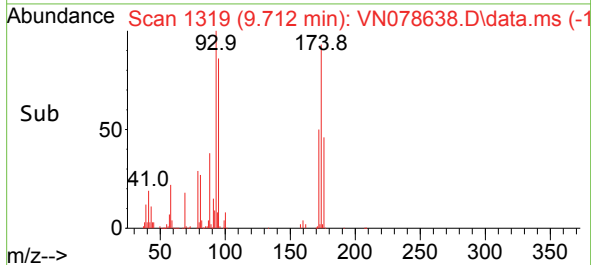
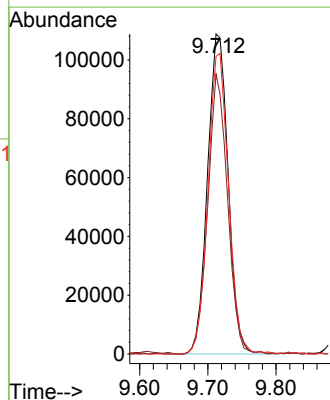
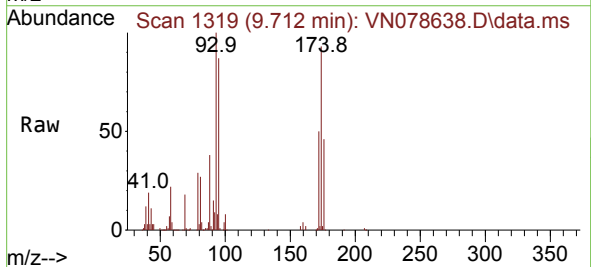
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

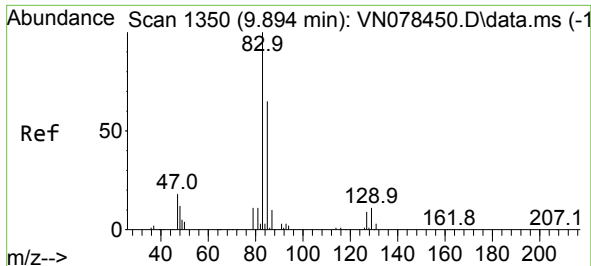
Tgt Ion: 63 Resp: 322264
Ion Ratio Lower Upper
63 100
65 31.1 23.9 35.9



#46
Dibromomethane
Concen: 50.821 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 93 Resp: 229564
Ion Ratio Lower Upper
93 100
95 83.7 63.8 95.8
174 93.3 65.6 98.4

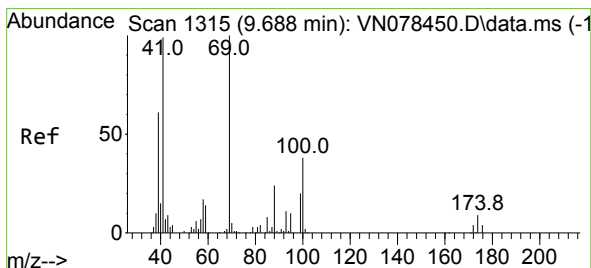
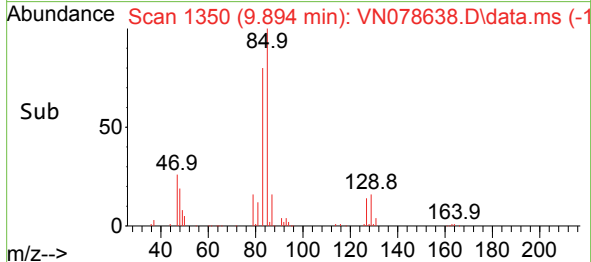
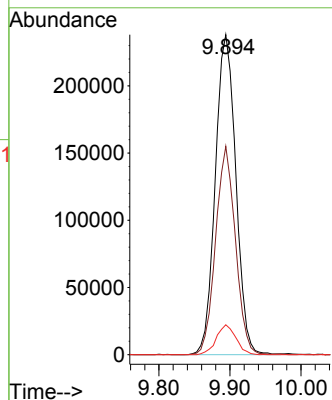
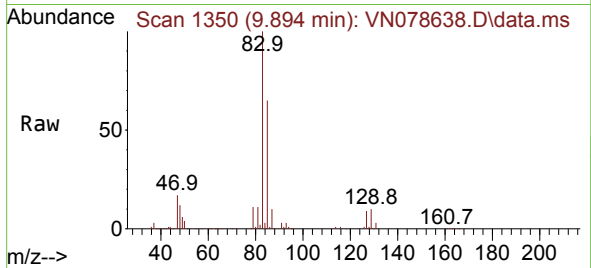




#47
Bromodichloromethane
Concen: 52.682 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

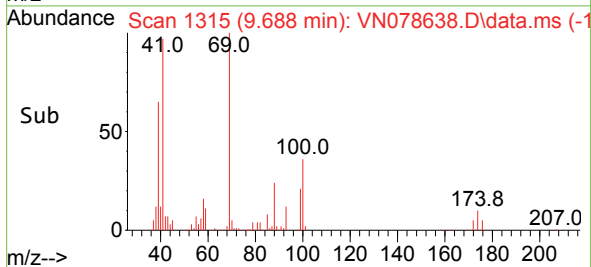
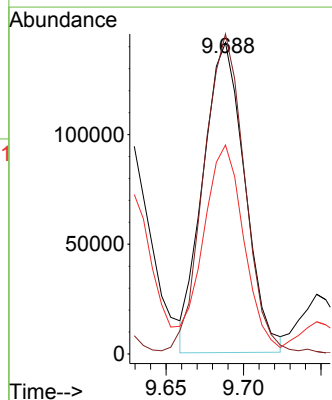
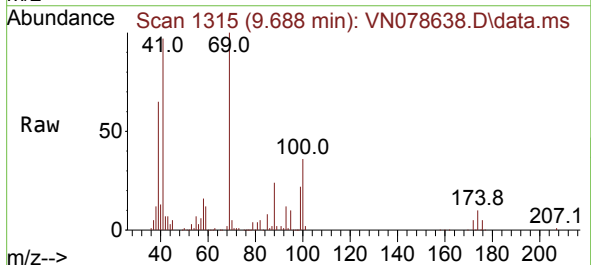
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

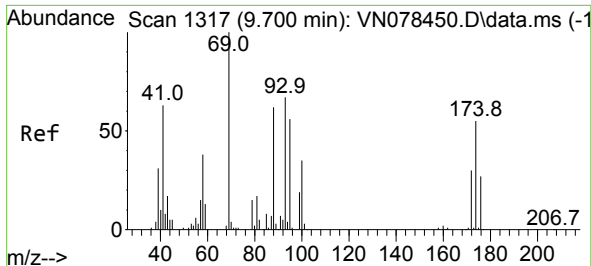
Tgt Ion: 83 Resp: 477030
Ion Ratio Lower Upper
83 100
85 65.1 49.6 74.4
127 9.3 7.0 10.6



#48
Methyl methacrylate
Concen: 48.611 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 41 Resp: 264372
Ion Ratio Lower Upper
41 100
69 101.4 90.4 135.6
39 67.2 54.6 81.8





#49

1,4-Dioxane

Concen: 980.349 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

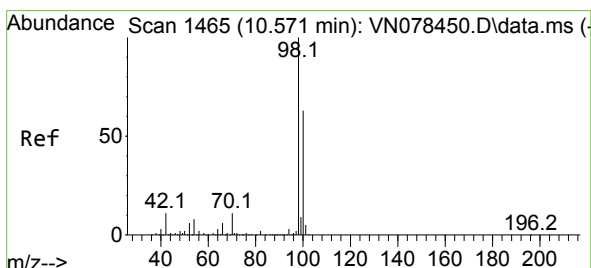
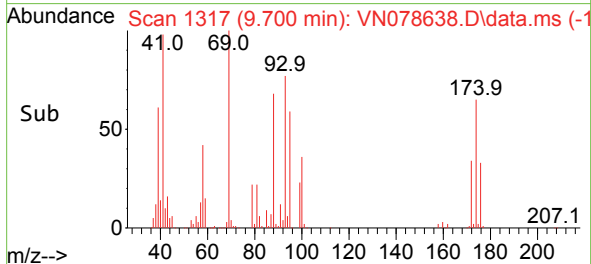
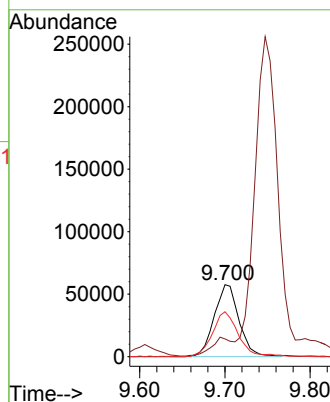
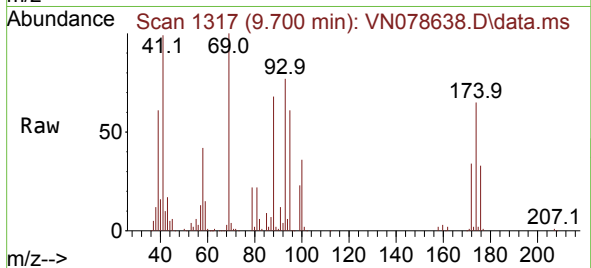
Tgt Ion: 88 Resp: 116274

Ion Ratio Lower Upper

88 100

43 22.7 17.0 25.6

58 65.7 47.0 70.4



#50

Toluene-d8

Concen: 50.245 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078638.D

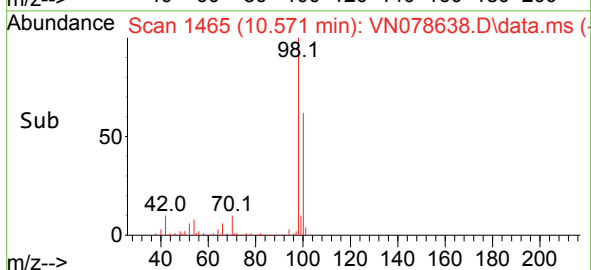
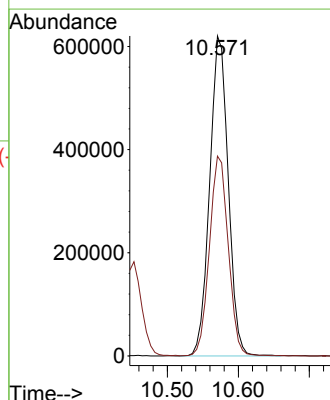
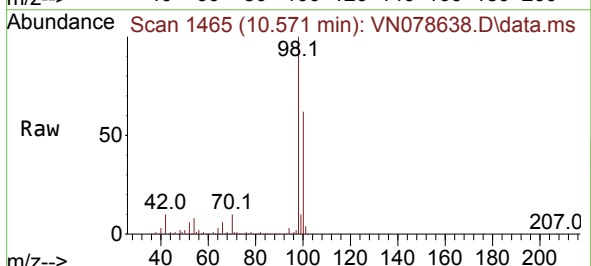
Acq: 24 Jul 2023 17:11

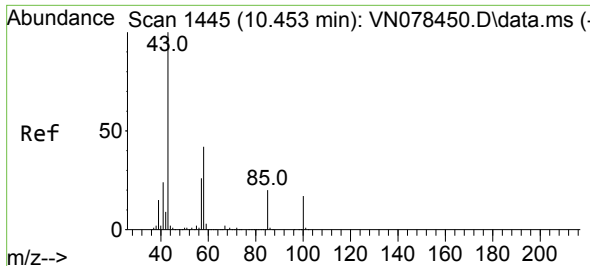
Tgt Ion: 98 Resp: 1124385

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0

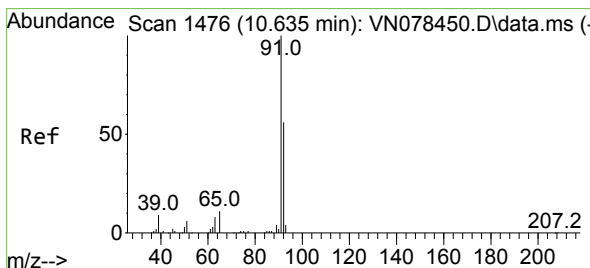
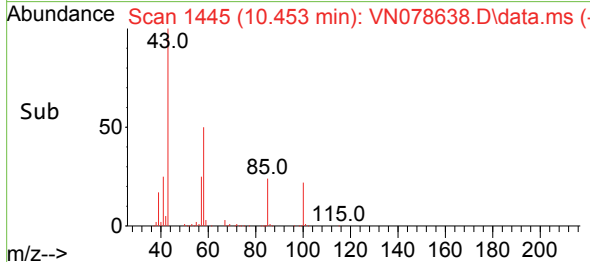
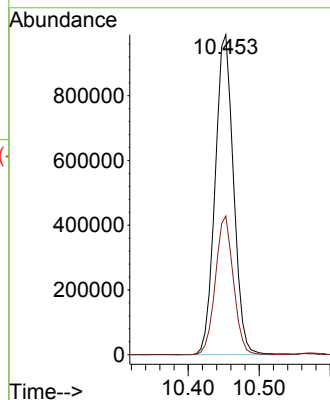
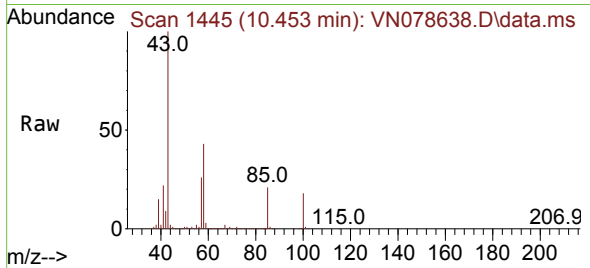




#51
4-Methyl-2-Pentanone
Concen: 253.721 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

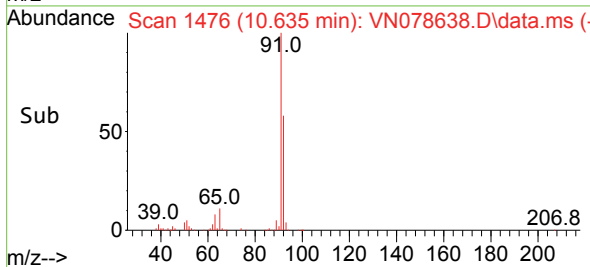
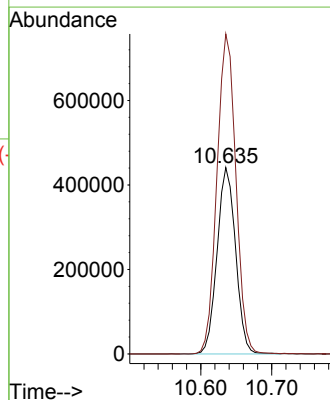
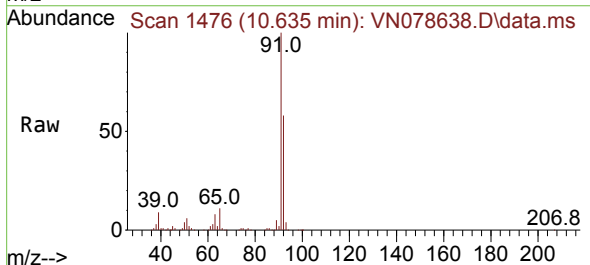
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

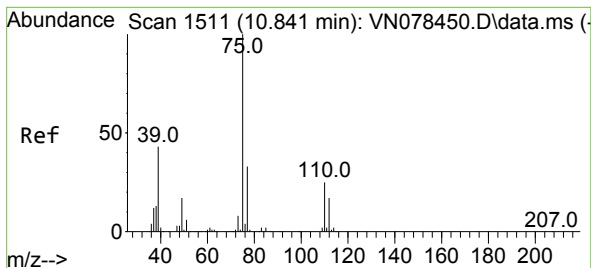
Tgt Ion: 43 Resp: 1771607
Ion Ratio Lower Upper
43 100
58 42.4 36.6 54.8



#52
Toluene
Concen: 50.695 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 92 Resp: 796172
Ion Ratio Lower Upper
92 100
91 176.0 137.4 206.0

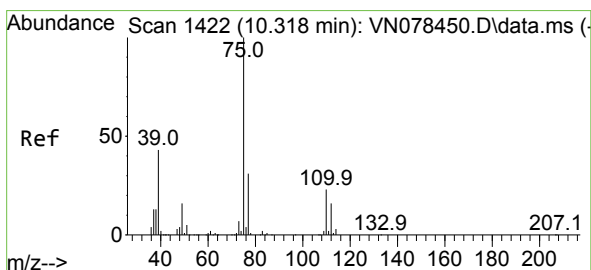
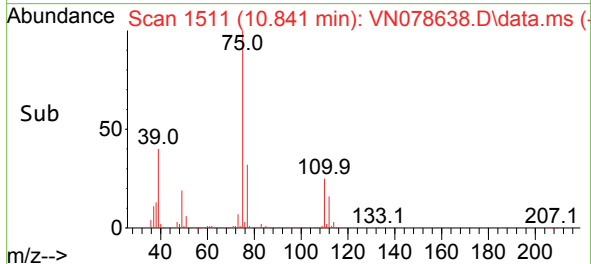
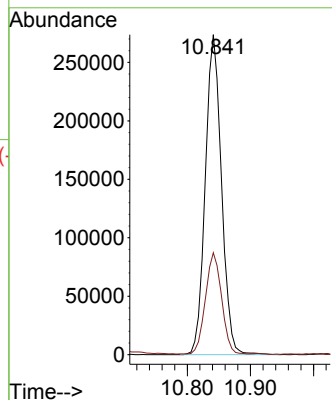
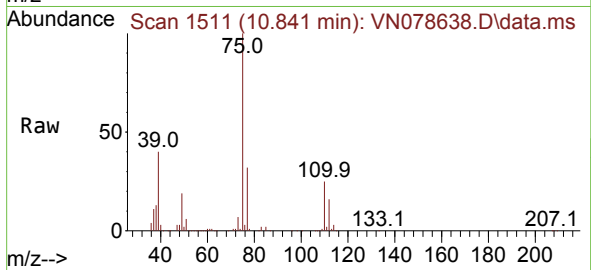




#53
 t-1,3-Dichloropropene
 Concen: 52.605 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

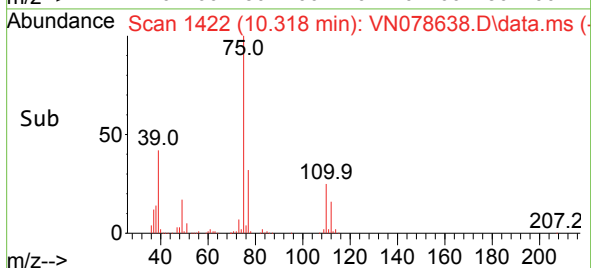
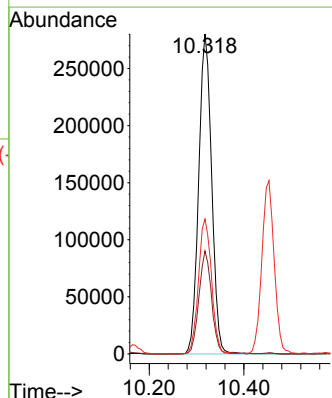
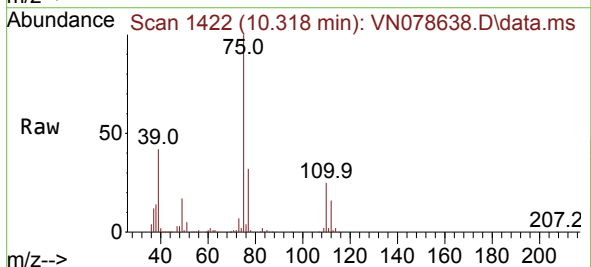
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

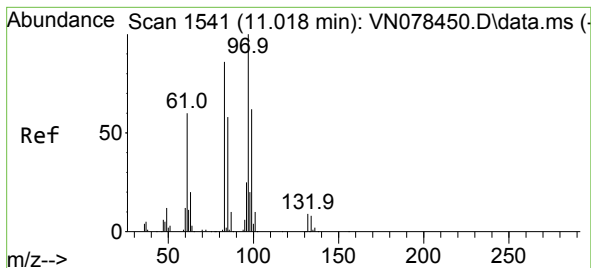
Tgt Ion: 75 Resp: 487989
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.835 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

Tgt Ion: 75 Resp: 532332
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 39 42.1 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 53.147 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 328858

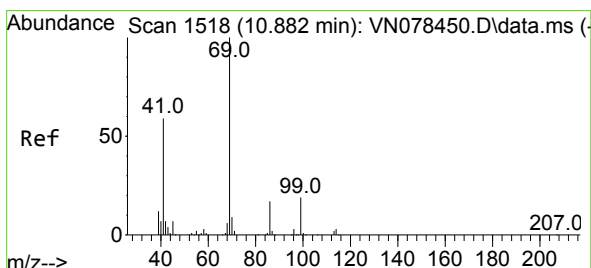
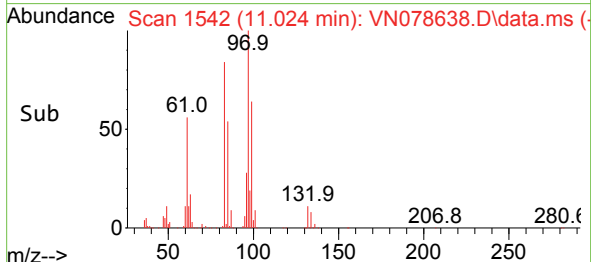
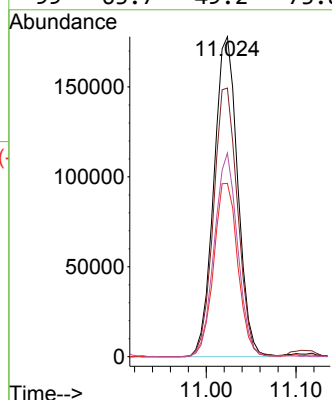
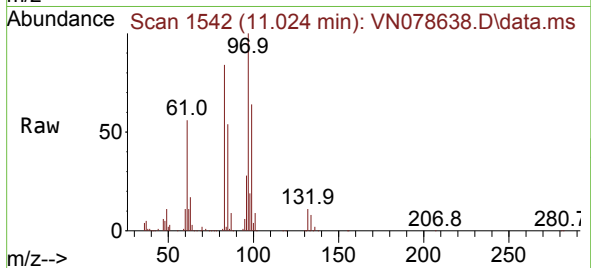
Ion Ratio Lower Upper

97 100

83 84.0 65.1 97.7

85 54.2 43.4 65.2

99 63.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 53.888 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

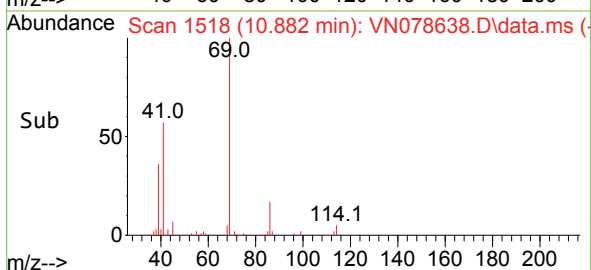
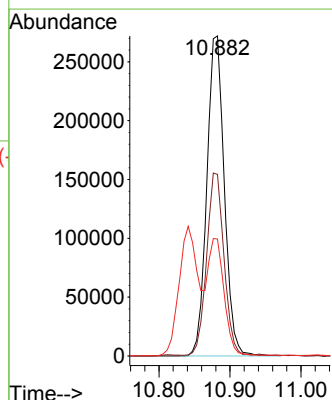
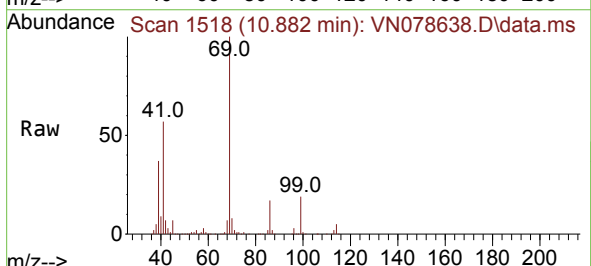
Tgt Ion: 69 Resp: 466119

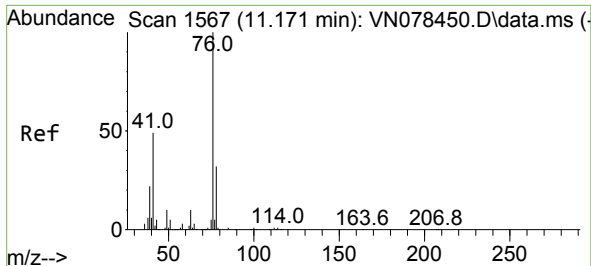
Ion Ratio Lower Upper

69 100

41 56.7 39.6 59.4

39 36.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.030 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

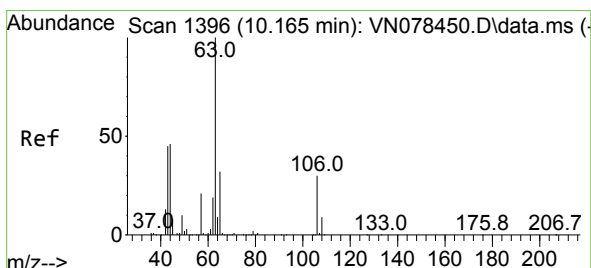
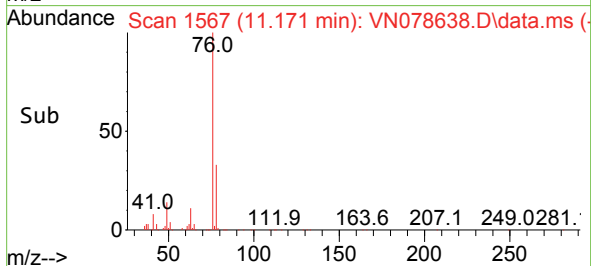
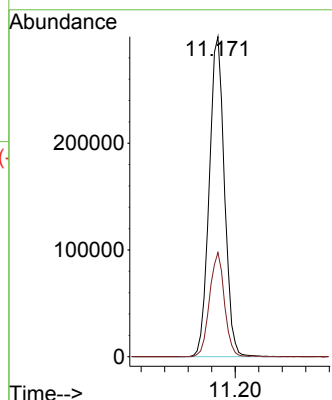
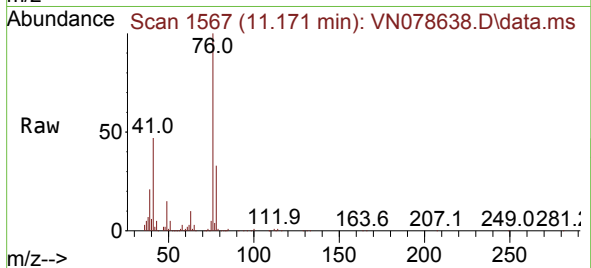
VSTDCCC050EC

Tgt Ion: 76 Resp: 536890

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 262.845 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078638.D

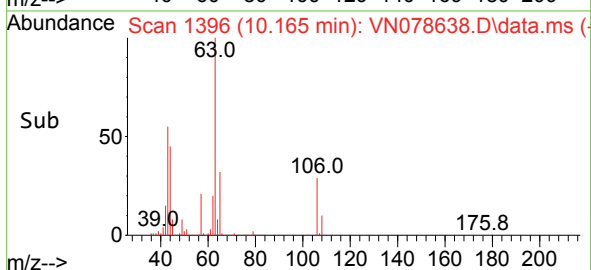
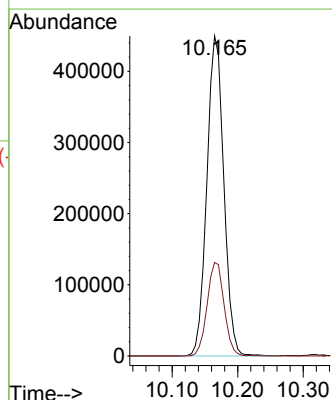
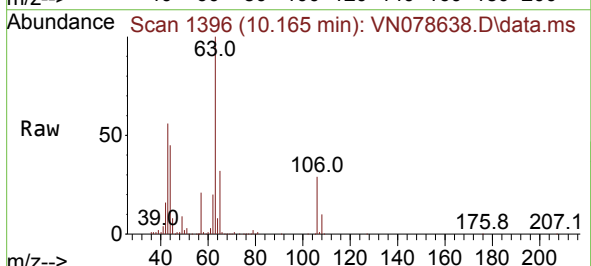
Acq: 24 Jul 2023 17:11

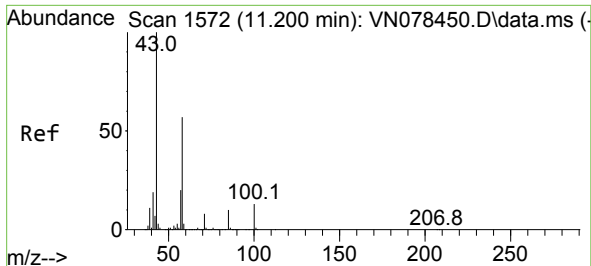
Tgt Ion: 63 Resp: 810232

Ion Ratio Lower Upper

63 100

106 29.3 26.2 39.4

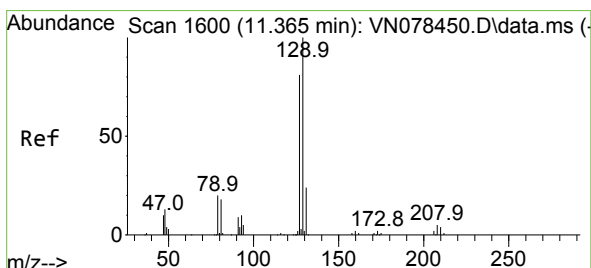
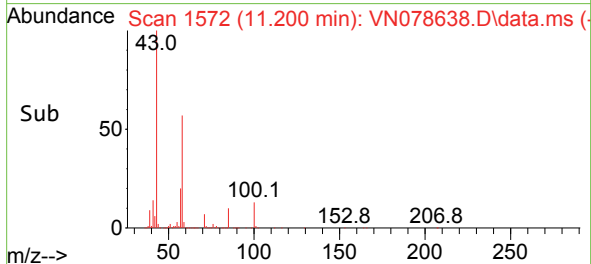
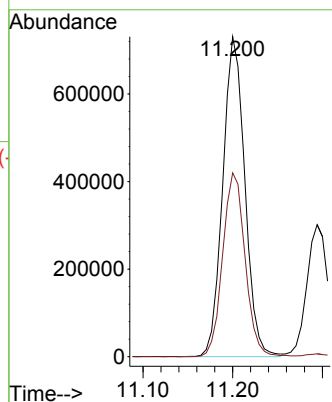
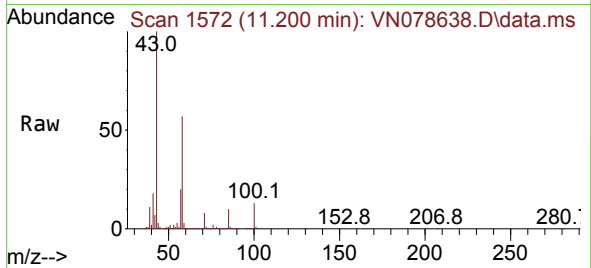




#59
2-Hexanone
Concen: 251.505 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

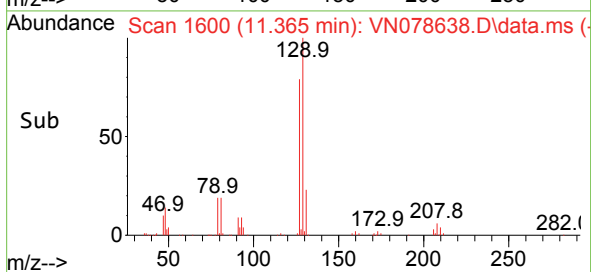
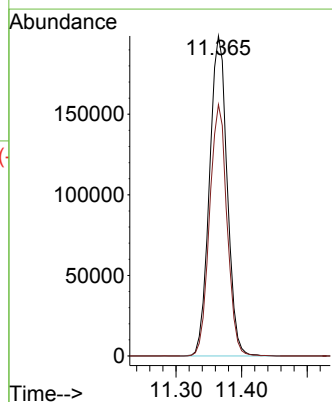
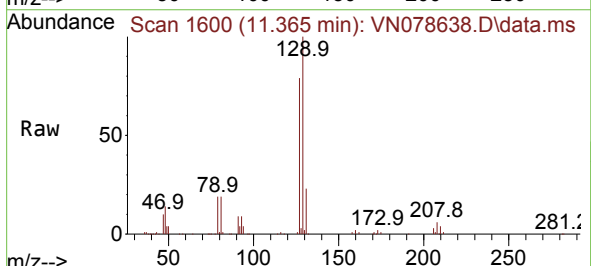
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

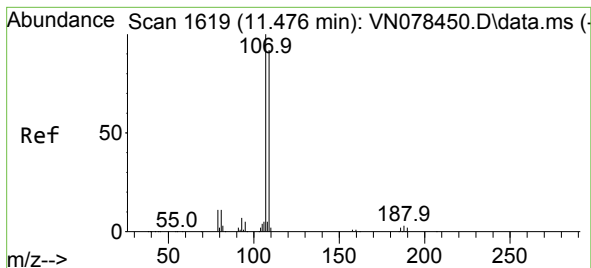
Tgt Ion: 43 Resp: 1248101
Ion Ratio Lower Upper
43 100
58 58.4 31.7 95.1



#60
Dibromochloromethane
Concen: 54.475 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 129 Resp: 372125
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

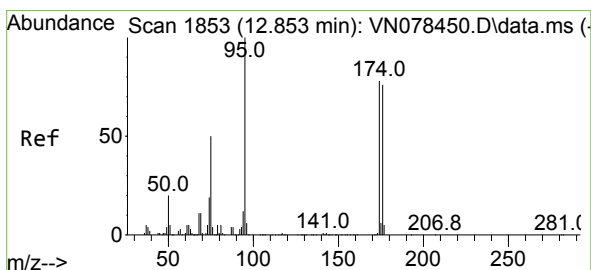
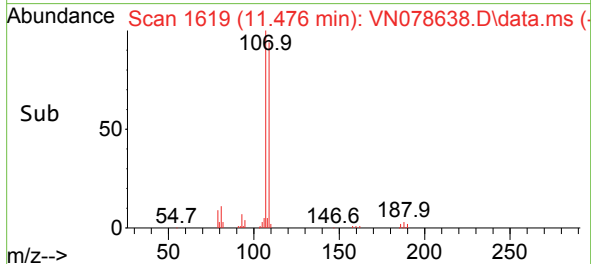
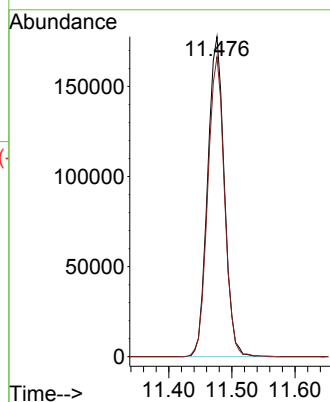
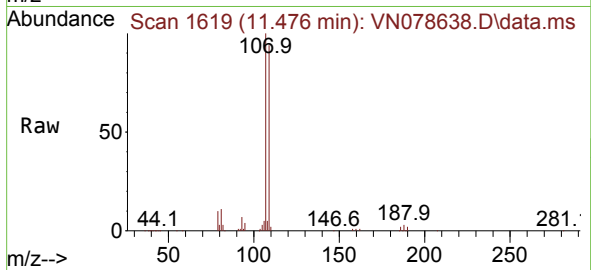




#61
1,2-Dibromoethane
Concen: 51.202 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

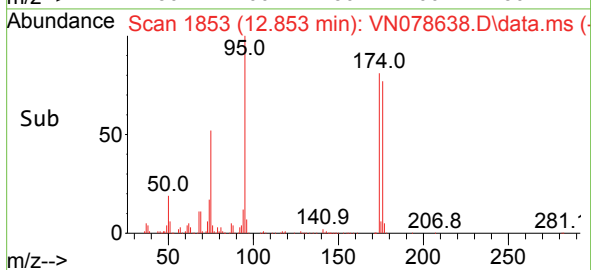
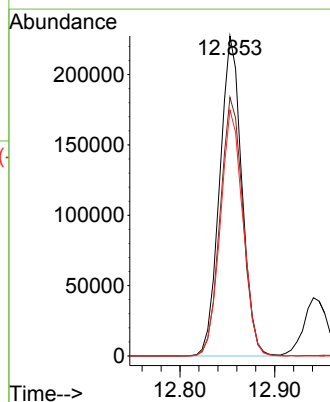
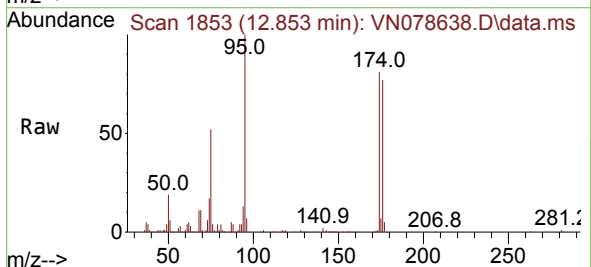
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

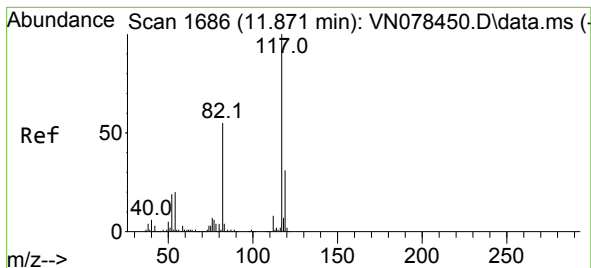
Tgt Ion:107 Resp: 326370
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.692 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 95 Resp: 370098
Ion Ratio Lower Upper
95 100
174 82.5 0.0 143.8
176 78.3 0.0 135.8

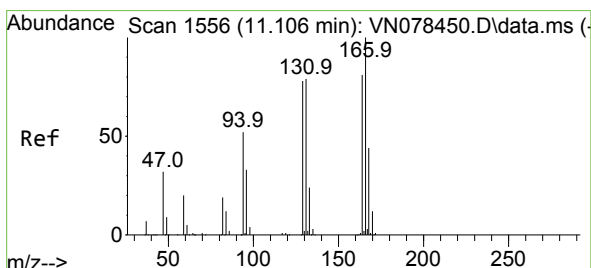
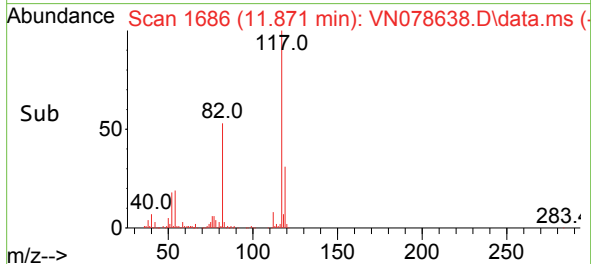
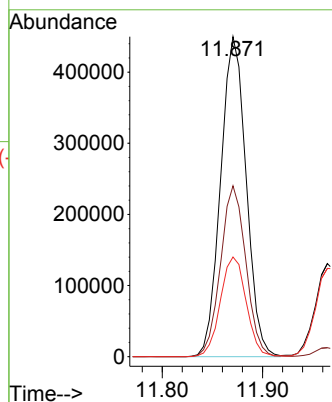
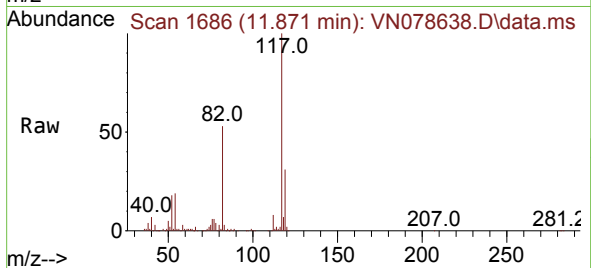




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

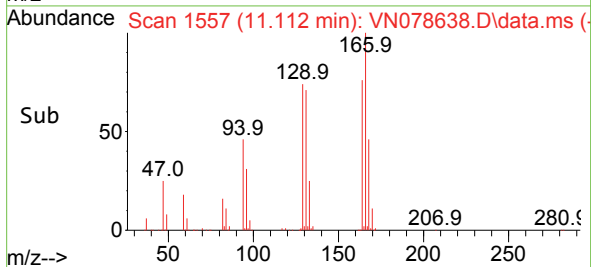
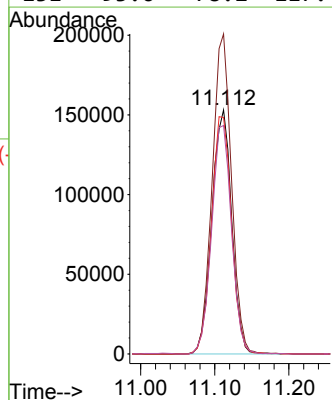
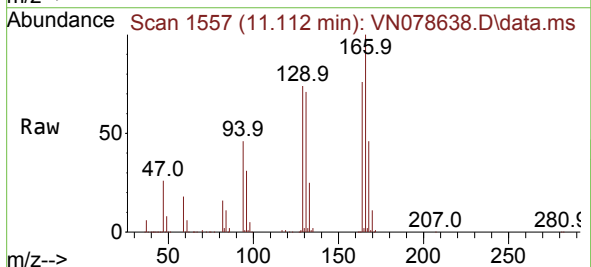
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

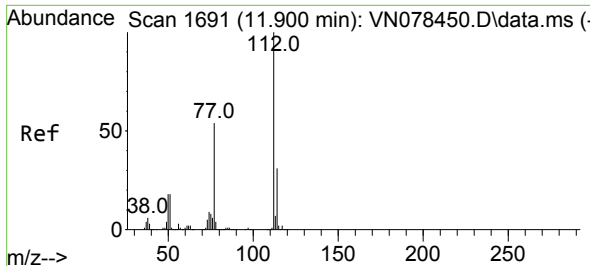
Tgt Ion:117 Resp: 794792
Ion Ratio Lower Upper
117 100
82 53.4 44.0 66.0
119 31.2 25.6 38.4



#64
Tetrachloroethene
Concen: 47.848 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion:164 Resp: 285913
Ion Ratio Lower Upper
164 100
166 131.1 101.4 152.0
129 96.9 82.4 123.6
131 93.6 78.2 117.4

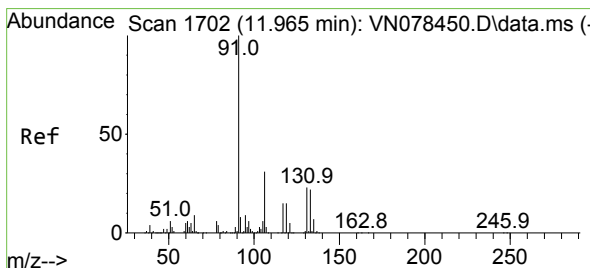
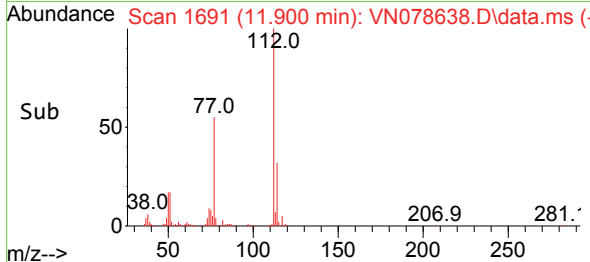
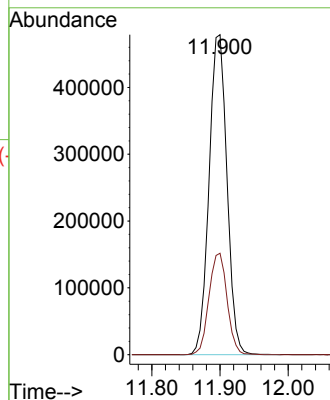
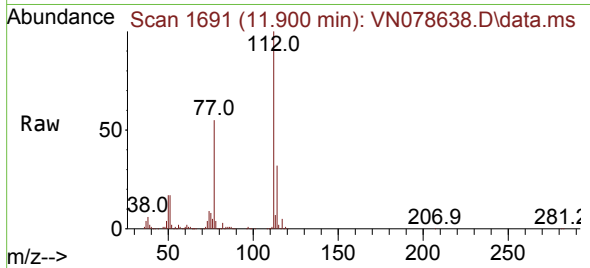




#65
Chlorobenzene
Concen: 49.253 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

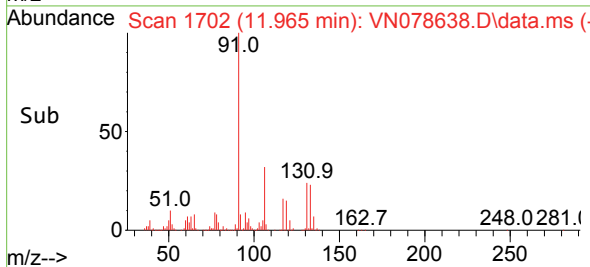
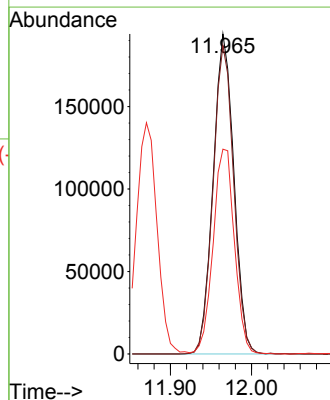
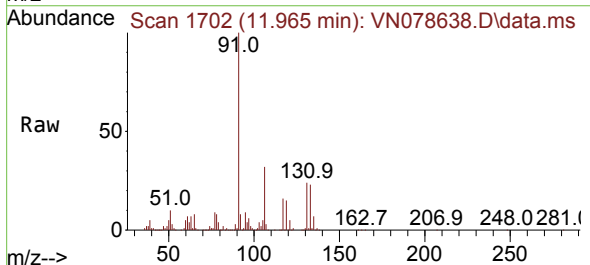
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

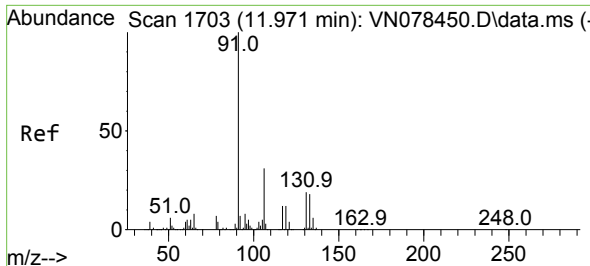
Tgt Ion:112 Resp: 875007
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.414 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion:131 Resp: 344548
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.1
119 65.9 34.1 102.2

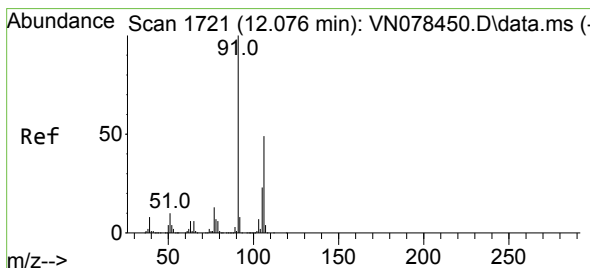
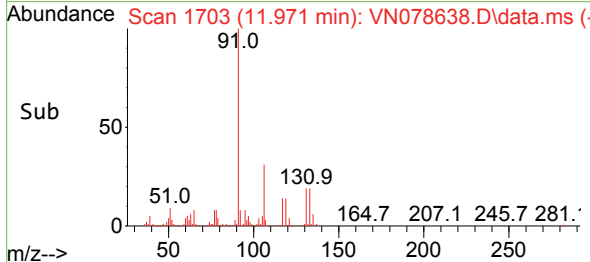
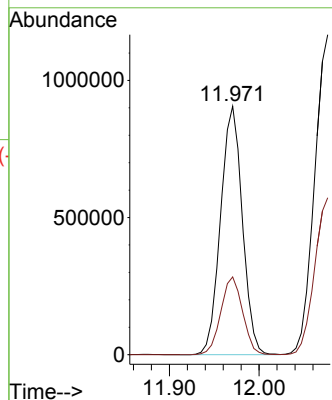
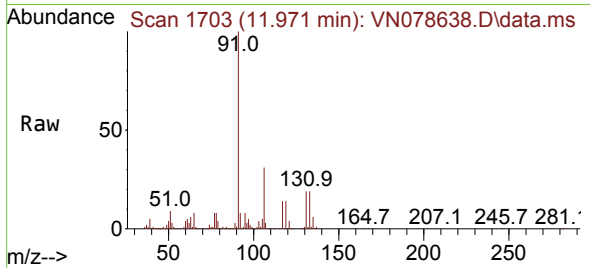




#67
Ethyl Benzene
Concen: 50.808 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

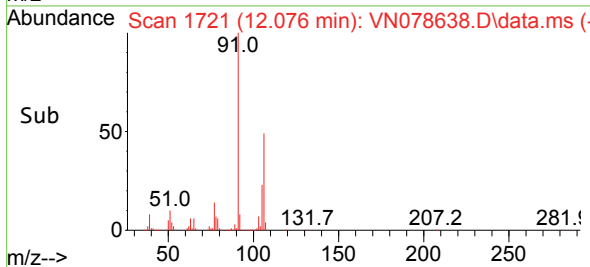
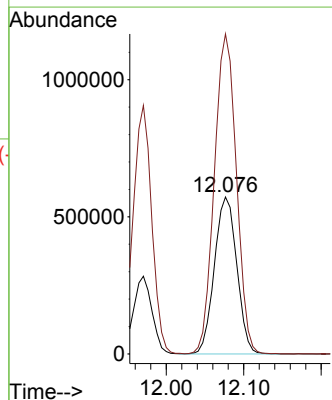
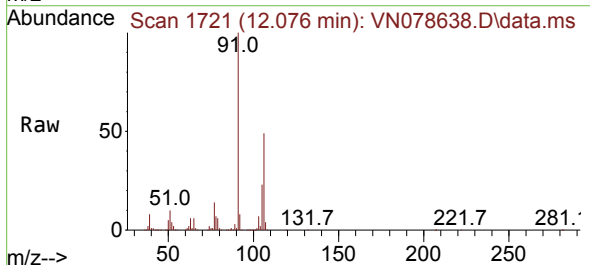
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

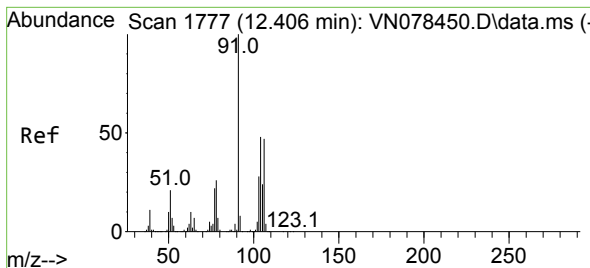
Tgt Ion: 91 Resp: 1525749
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 103.523 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion:106 Resp: 1149394
Ion Ratio Lower Upper
106 100
91 200.8 159.6 239.4

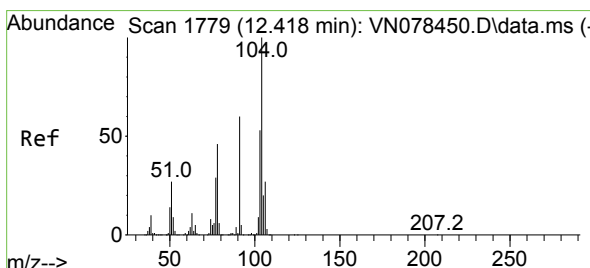
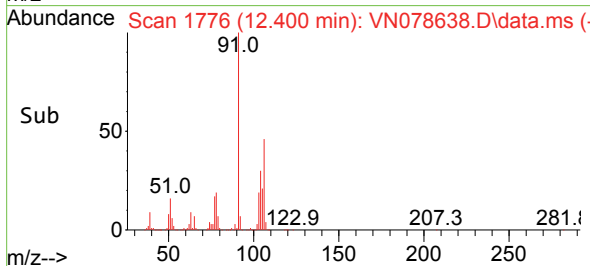
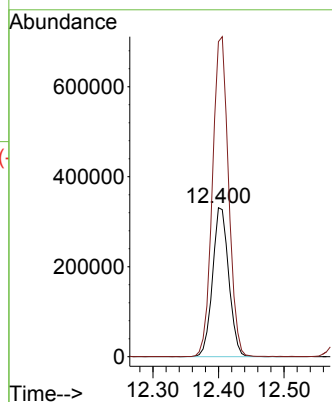
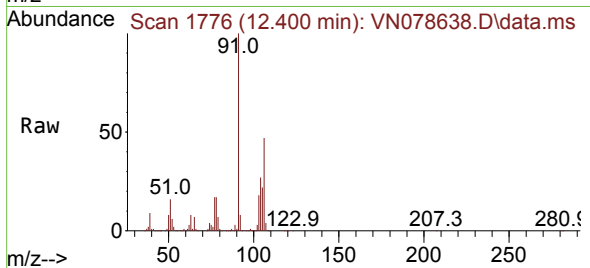




#69
o-Xylene
Concen: 50.656 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

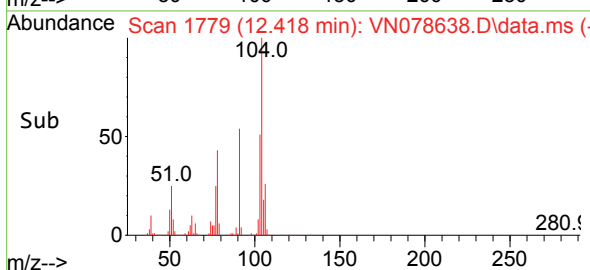
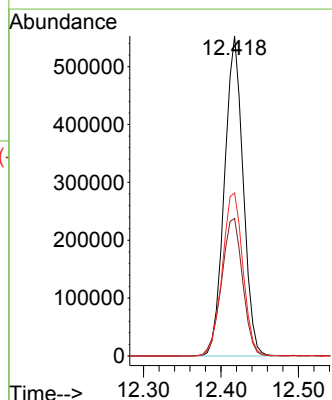
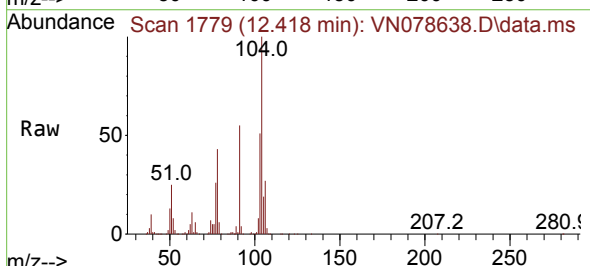
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

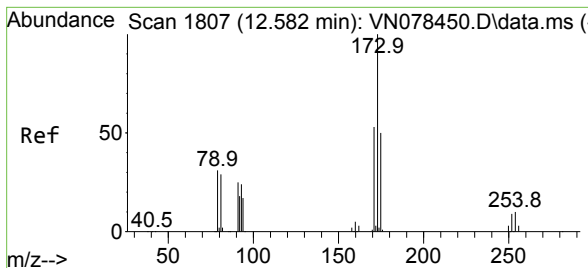
Tgt Ion:106 Resp: 568075
Ion Ratio Lower Upper
106 100
91 214.1 105.2 315.5



#70
Styrene
Concen: 52.991 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion:104 Resp: 929711
Ion Ratio Lower Upper
104 100
78 48.5 39.5 59.3
103 56.1 43.2 64.8

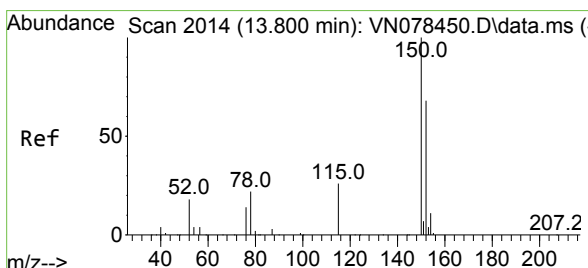
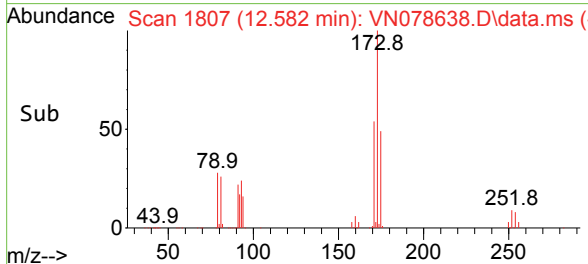
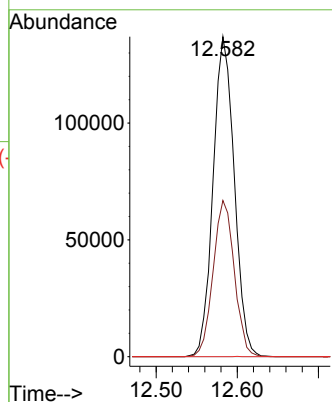
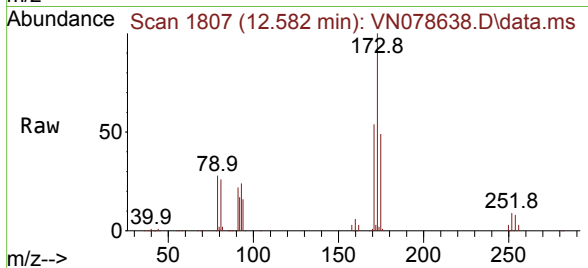




#71
Bromoform
Concen: 53.709 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

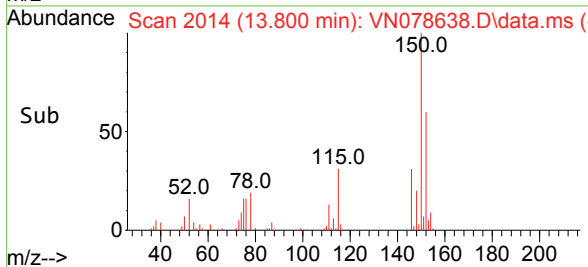
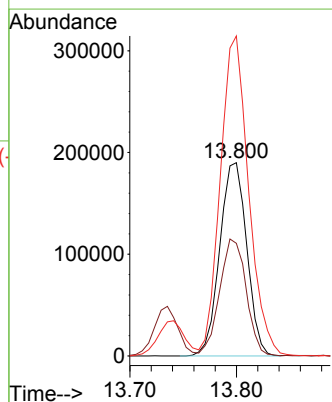
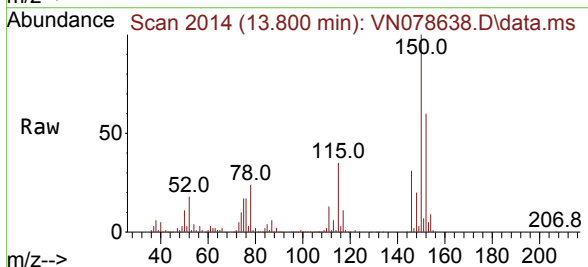
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

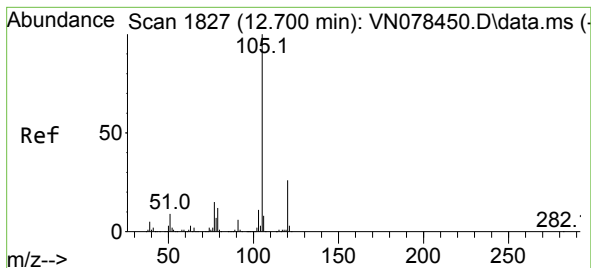
Tgt Ion:173 Resp: 248598
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion:152 Resp: 334581
Ion Ratio Lower Upper
152 100
115 59.2 32.3 96.8
150 173.2 0.0 355.8





#73

Isopropylbenzene

Concen: 45.271 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

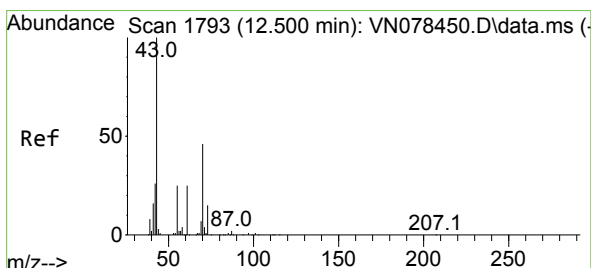
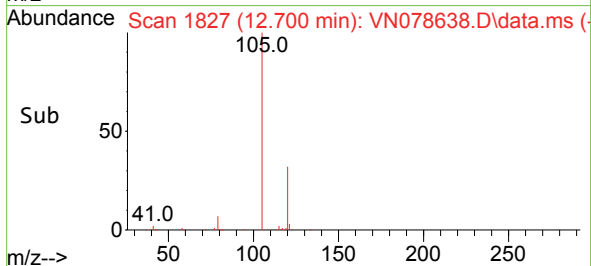
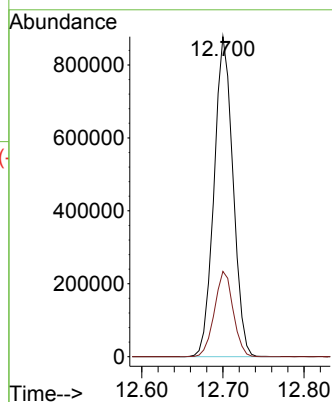
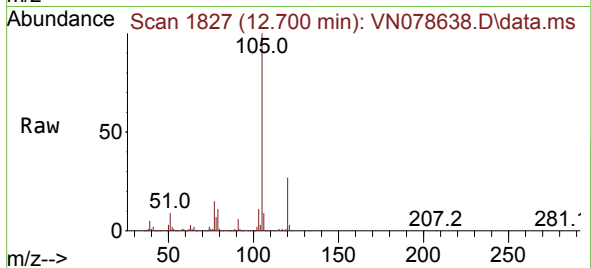
VSTDCCC050EC

Tgt Ion:105 Resp: 1423255

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#74

N-ethyl acetate

Concen: 43.073 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Tgt Ion: 43 Resp: 466664

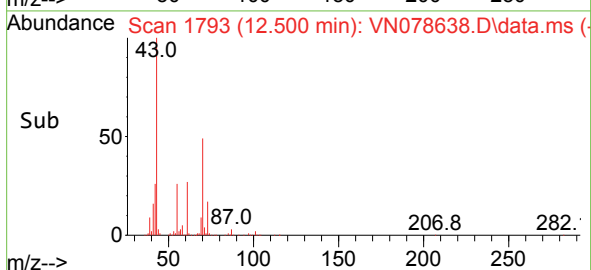
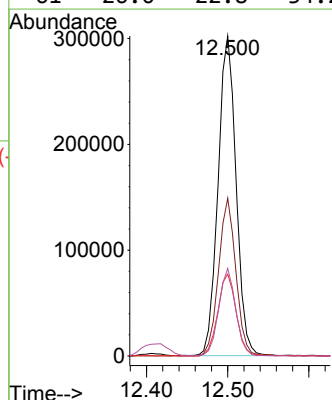
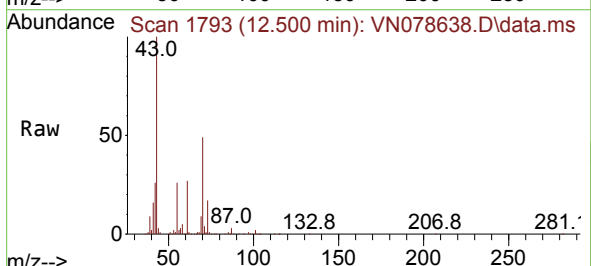
Ion Ratio Lower Upper

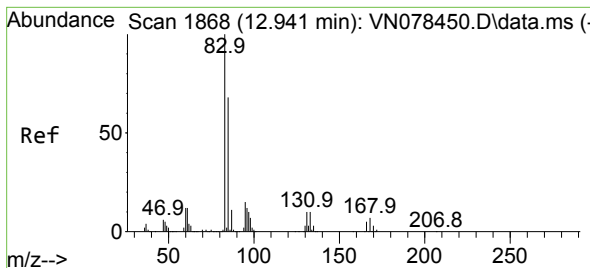
43 100

70 47.4 43.4 65.2

55 26.0 21.4 32.0

61 26.0 22.8 34.2

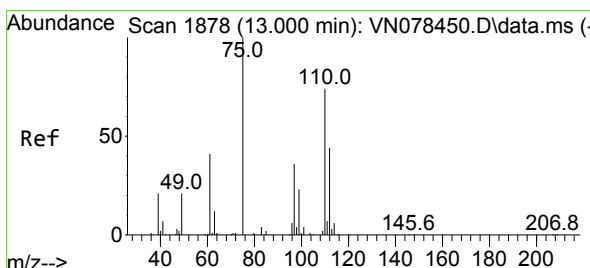
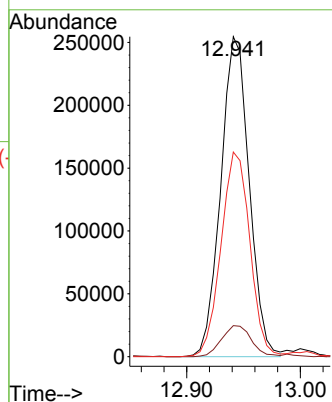
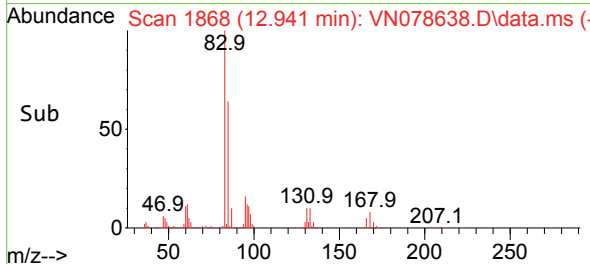
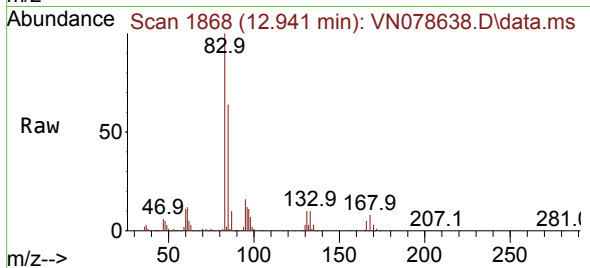




#75
1,1,2,2-Tetrachloroethane
Concen: 50.433 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

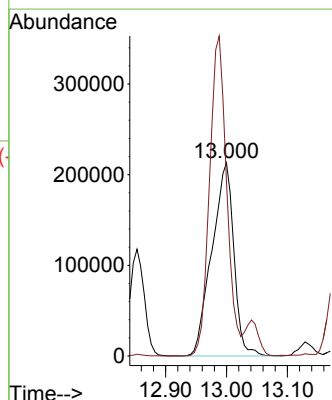
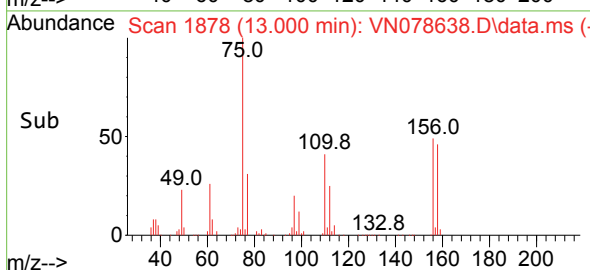
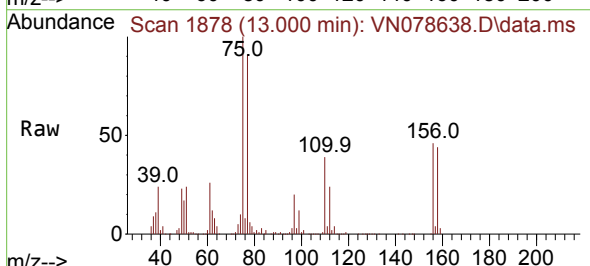
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

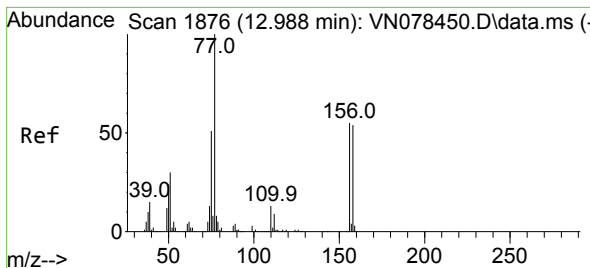
Tgt Ion: 83 Resp: 442613
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 66.063 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 75 Resp: 534266
Ion Ratio Lower Upper
75 100
77 129.2 84.5 253.5





#77

Bromobenzene

Concen: 51.109 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

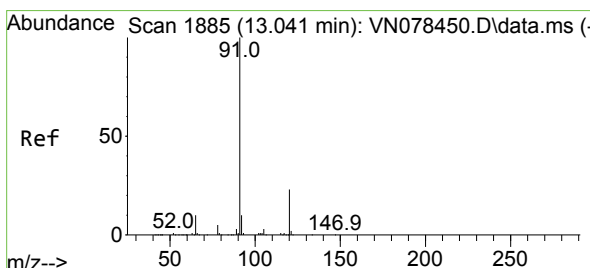
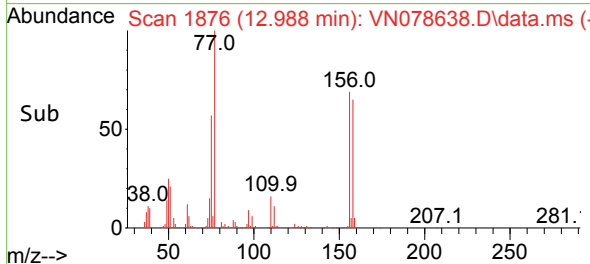
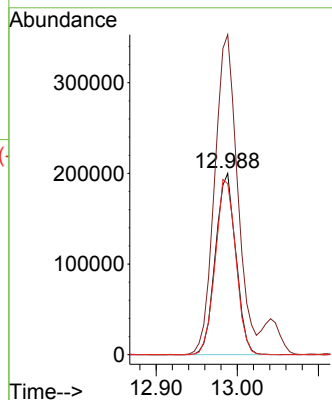
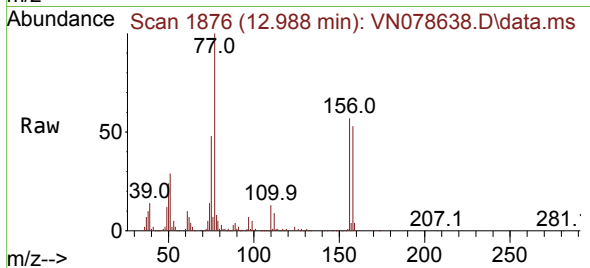
Tgt Ion:156 Resp: 349192

Ion Ratio Lower Upper

156 100

77 197.6 107.7 323.3

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 46.557 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078638.D

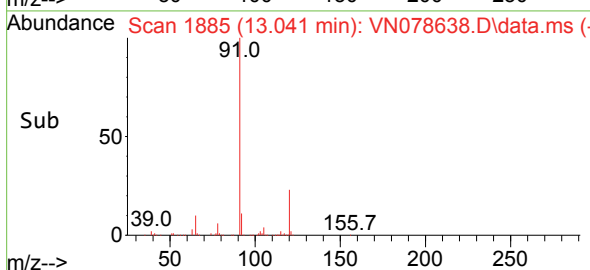
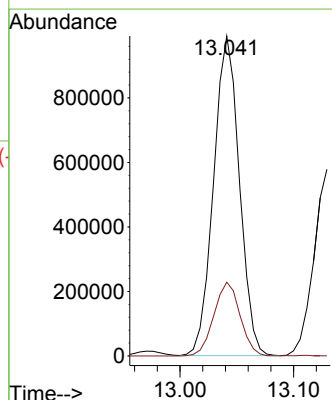
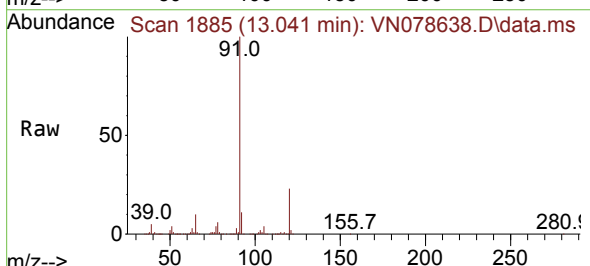
Acq: 24 Jul 2023 17:11

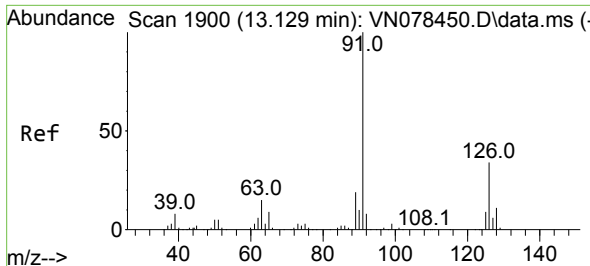
Tgt Ion: 91 Resp: 1565335

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

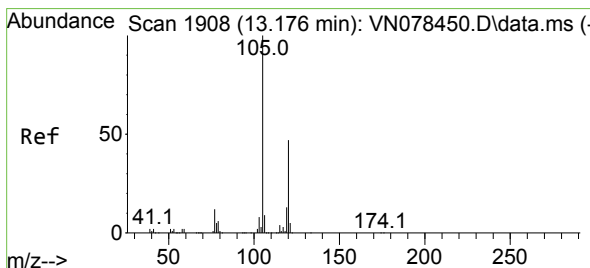
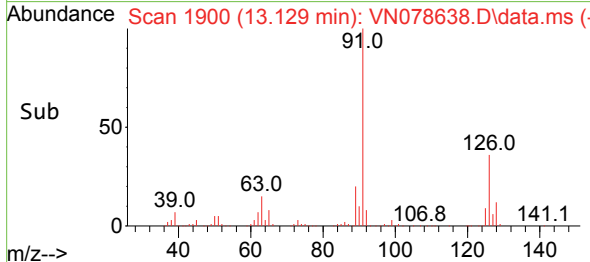
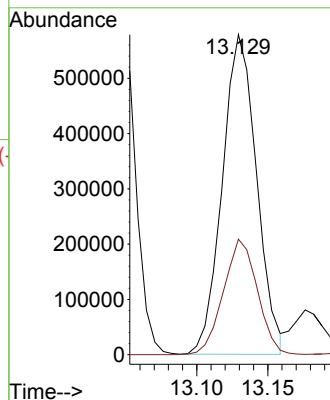
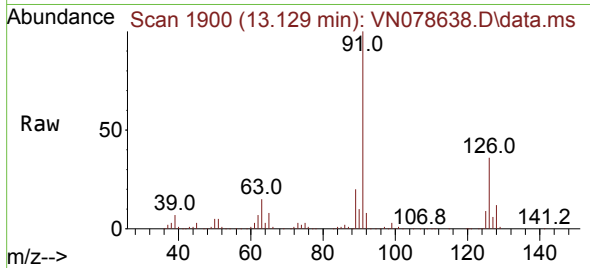




#79
2-Chlorotoluene
Concen: 44.161 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

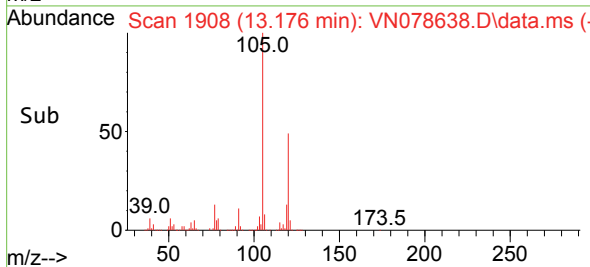
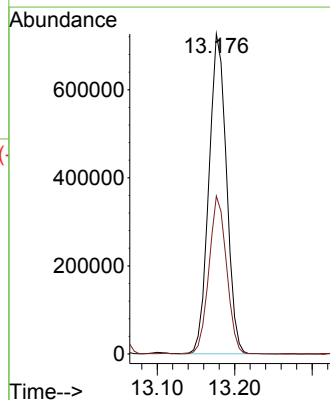
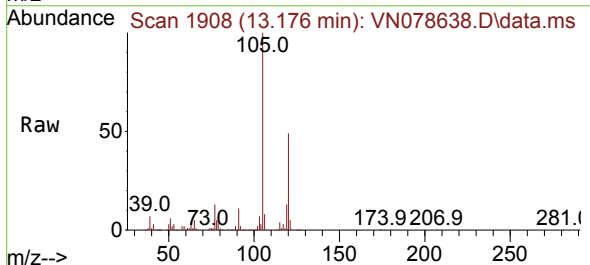
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

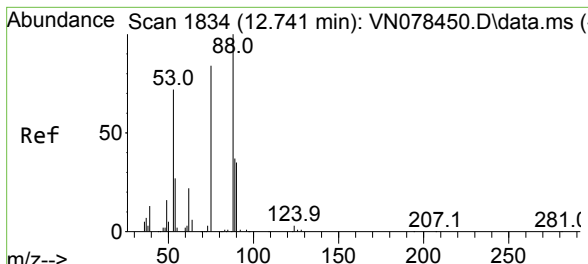
Tgt Ion: 91 Resp: 972558
Ion Ratio Lower Upper
91 100
126 35.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 45.974 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 105 Resp: 1142012
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.3

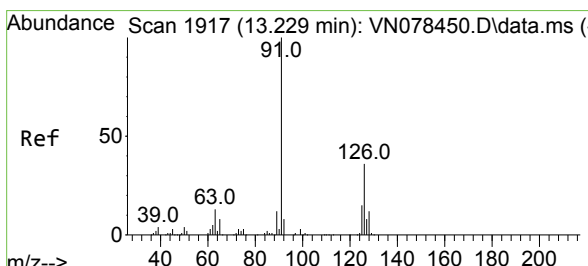
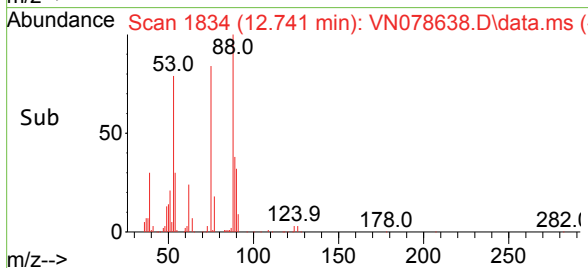
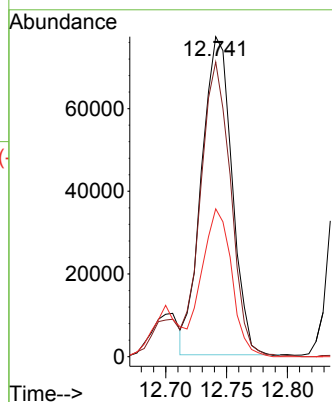
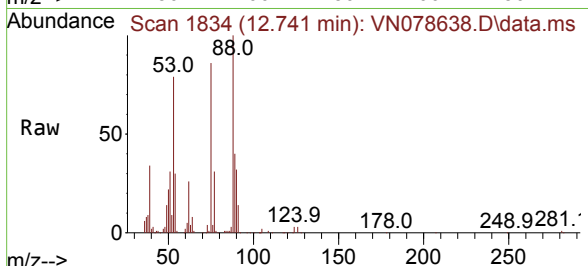




#81
trans-1,4-Dichloro-2-butene
Concen: 43.340 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

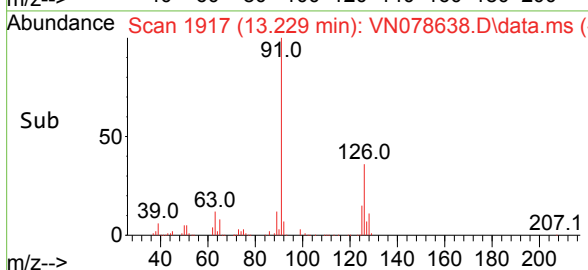
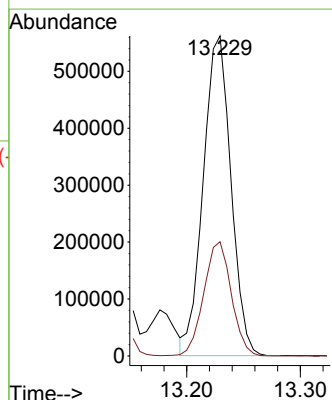
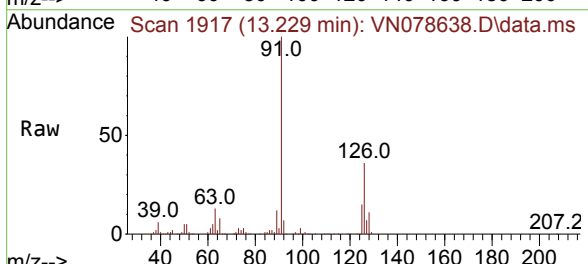
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

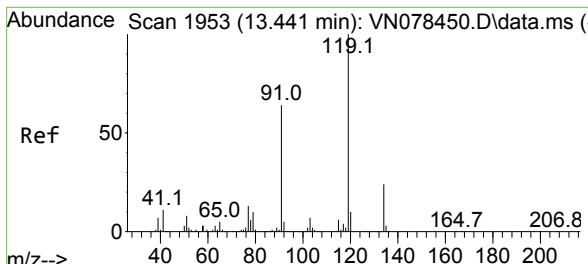
Tgt Ion: 75 Resp: 133382
Ion Ratio Lower Upper
75 100
53 91.9 67.4 101.2
89 45.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 46.179 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 91 Resp: 948711
Ion Ratio Lower Upper
91 100
126 35.6 16.7 50.0

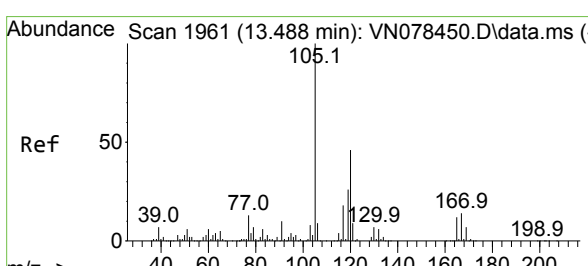
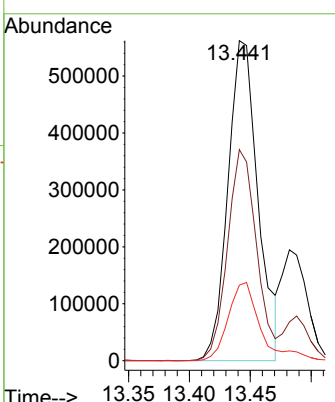
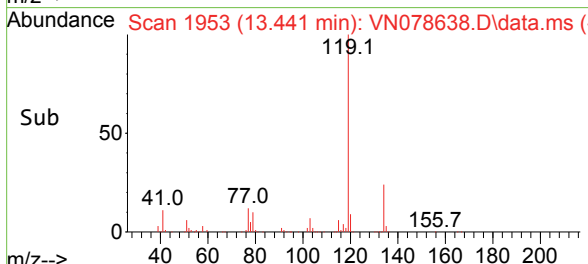
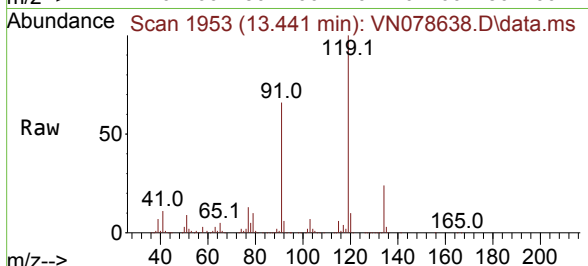




#83
 tert-Butylbenzene
 Concen: 45.926 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

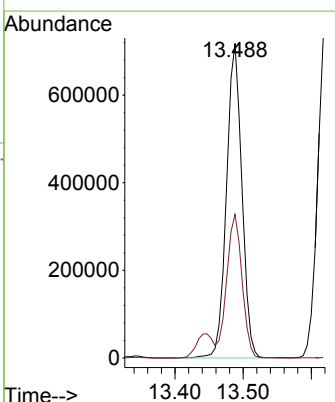
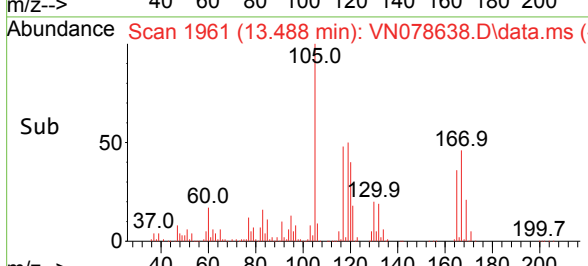
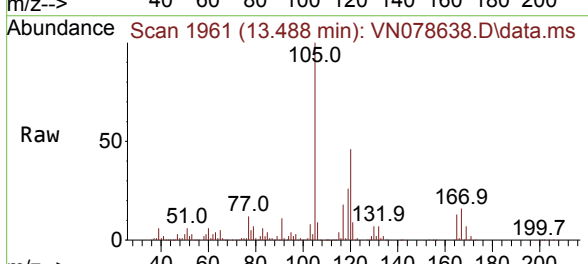
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

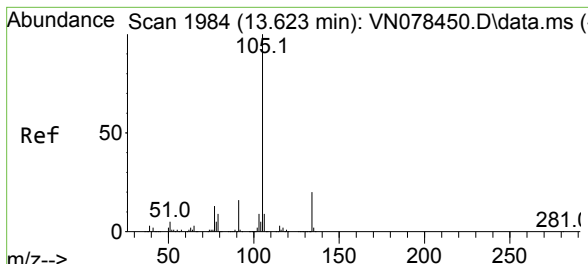
Tgt Ion:	119	Resp:	968565
Ion Ratio	Lower	Upper	
119	100		
91	63.6	33.9	101.7
134	26.2	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 46.721 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

Tgt Ion:	105	Resp:	1127296
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.0	66.0

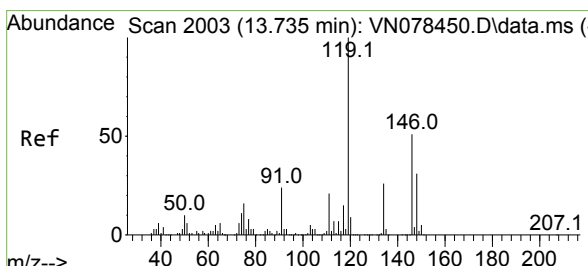
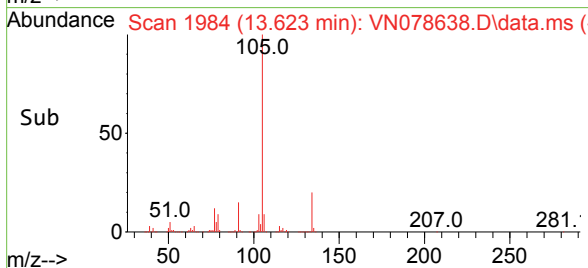
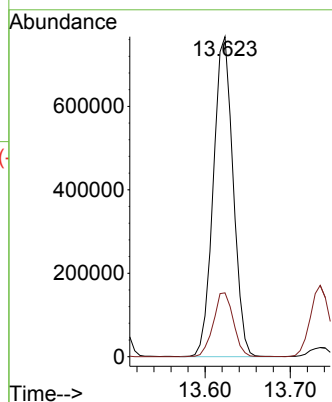
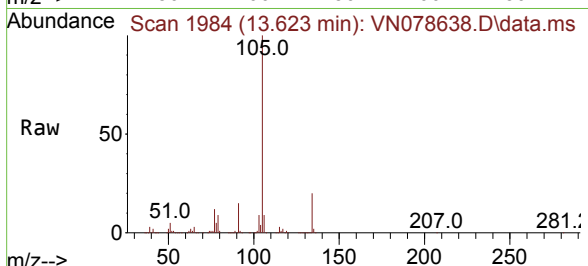




#85
 sec-Butylbenzene
 Concen: 46.413 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

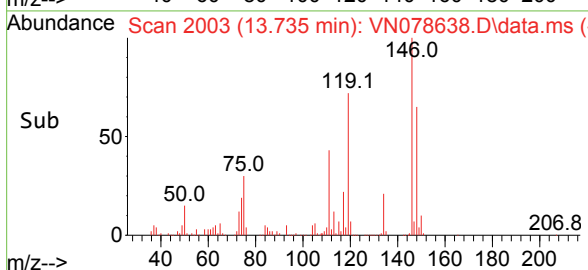
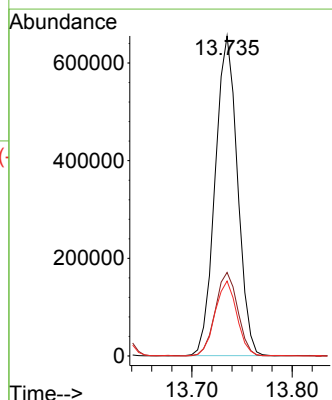
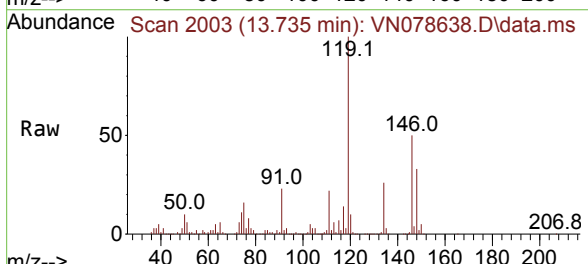
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

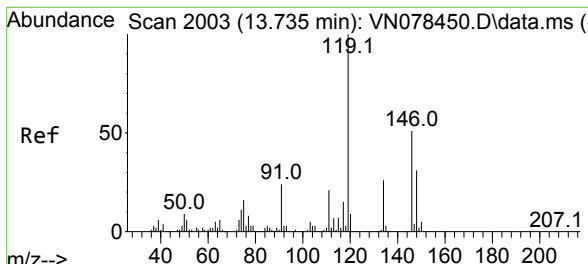
Tgt Ion:105 Resp: 1237241
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 47.290 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

Tgt Ion:119 Resp: 1012241
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 22.9 12.4 37.2

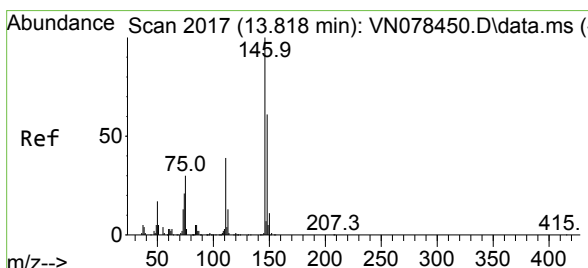
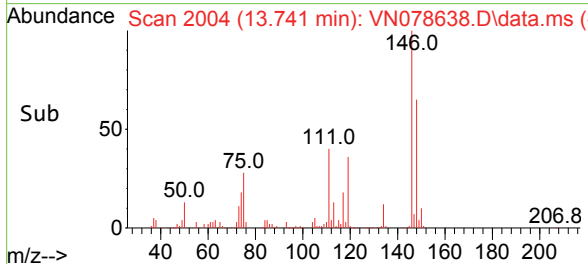
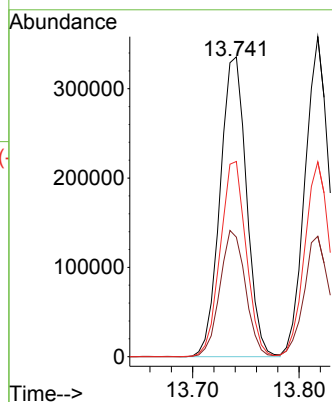
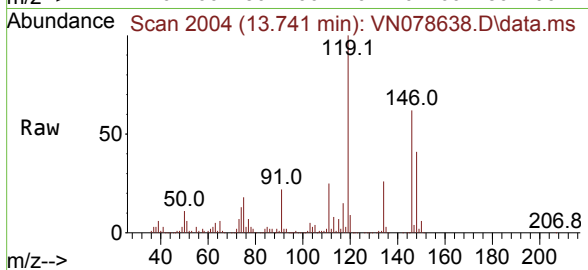




#87
1,3-Dichlorobenzene
Concen: 47.840 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

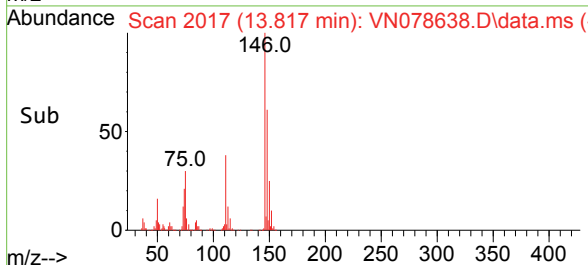
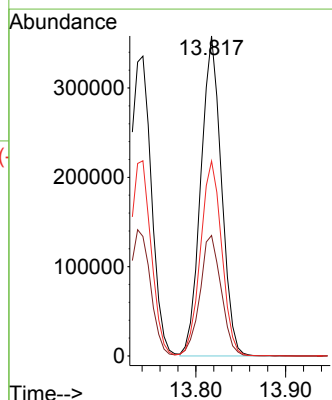
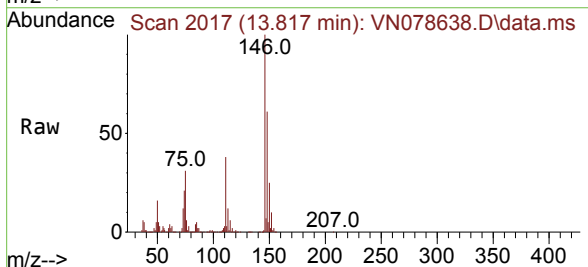
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

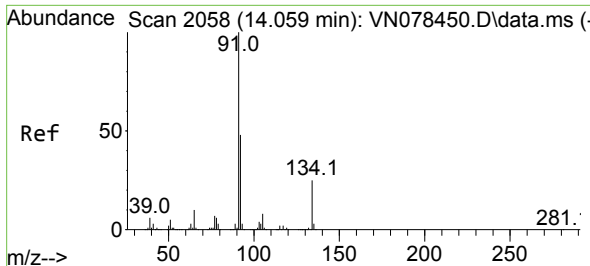
Tgt Ion:146 Resp: 577390
Ion Ratio Lower Upper
146 100
111 40.8 22.1 66.3
148 63.9 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 46.962 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion:146 Resp: 570898
Ion Ratio Lower Upper
146 100
111 38.8 20.6 61.8
148 62.8 31.6 94.8

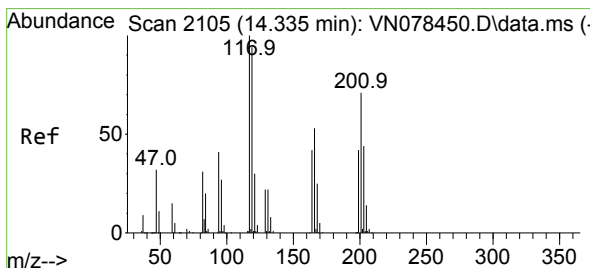
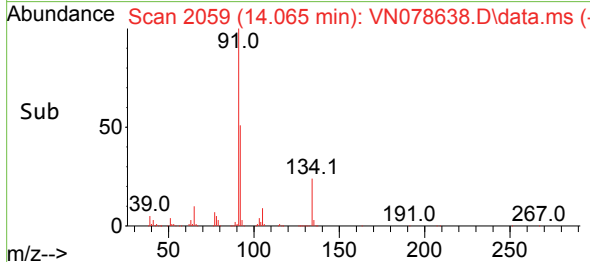
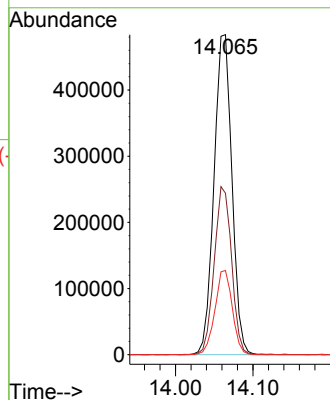
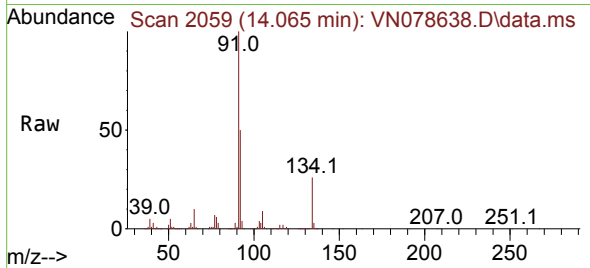




#89
n-Butylbenzene
Concen: 50.877 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

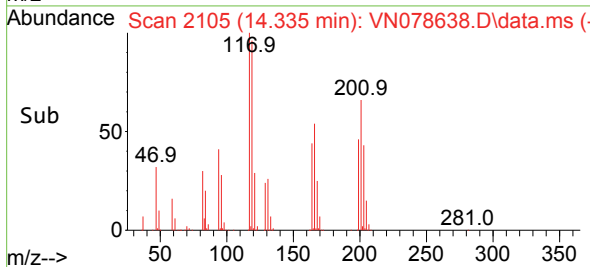
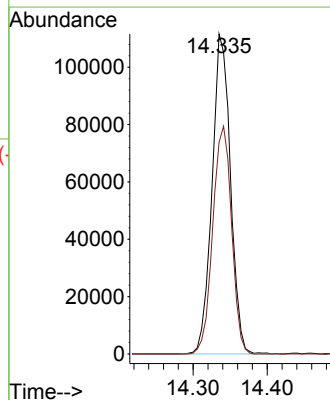
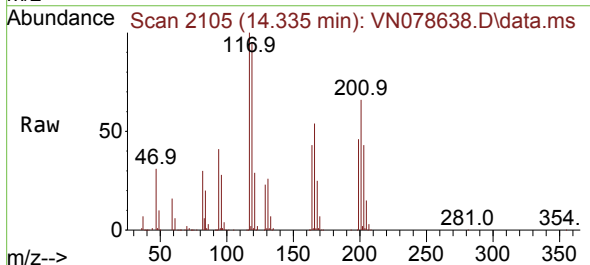
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

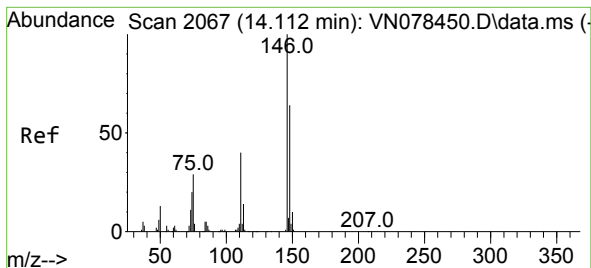
Tgt Ion: 91 Resp: 779196
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 48.839 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion: 117 Resp: 192216
Ion Ratio Lower Upper
117 100
201 72.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 46.517 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

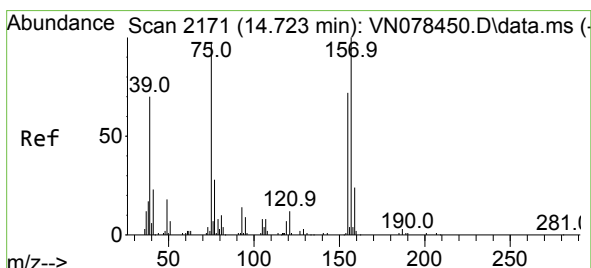
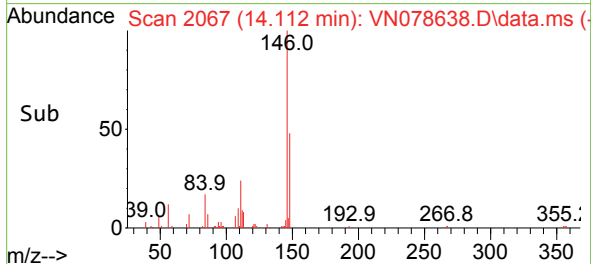
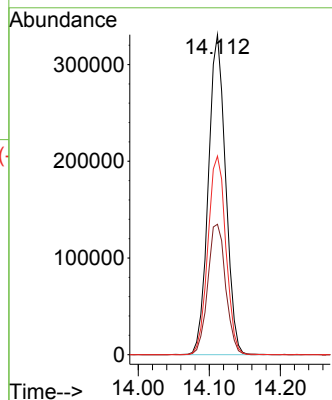
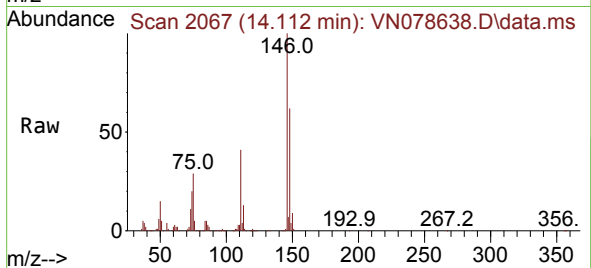
Tgt Ion:146 Resp: 558710

Ion Ratio Lower Upper

146 100

111 42.3 22.0 66.0

148 64.5 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.051 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078638.D

Acq: 24 Jul 2023 17:11

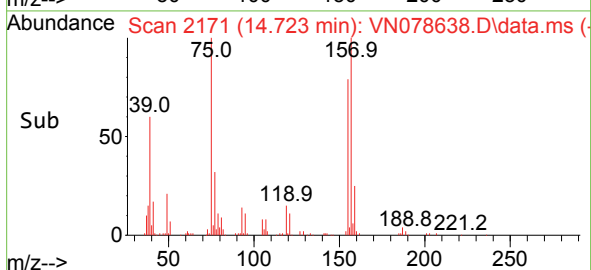
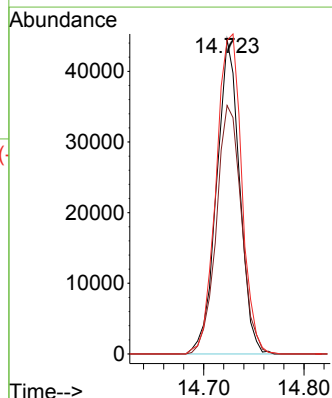
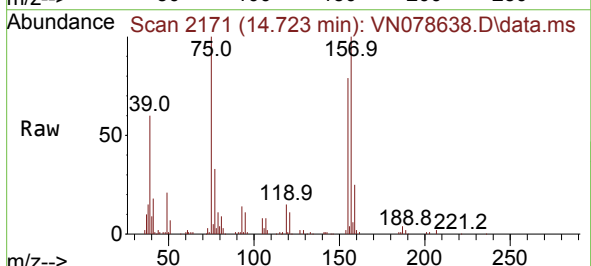
Tgt Ion: 75 Resp: 70986

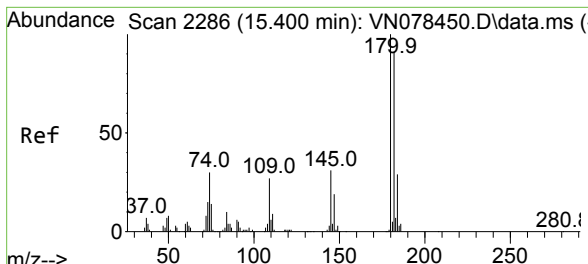
Ion Ratio Lower Upper

75 100

155 85.9 39.1 117.2

157 113.2 50.3 150.9

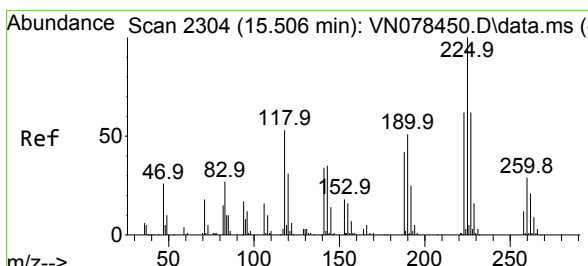
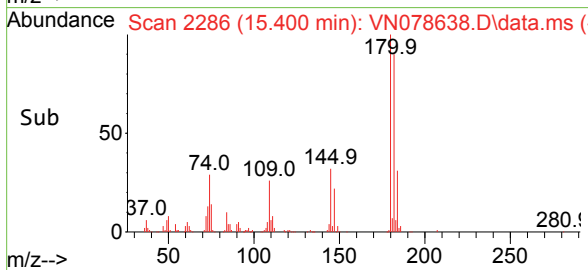
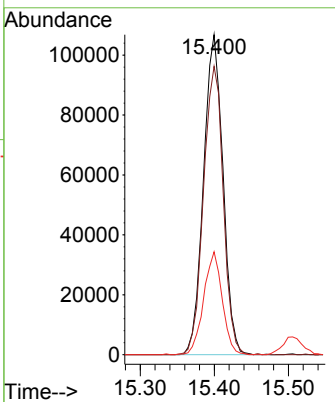
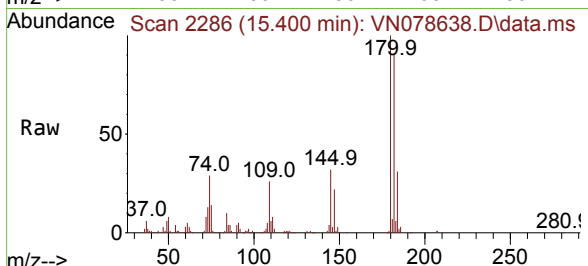




#93
 1,2,4-Trichlorobenzene
 Concen: 50.750 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

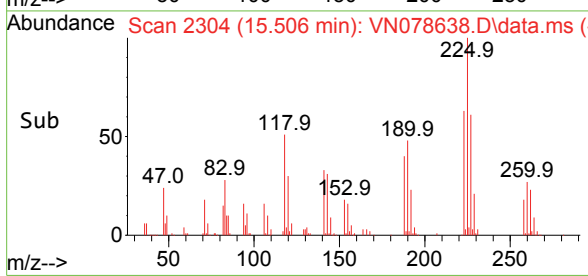
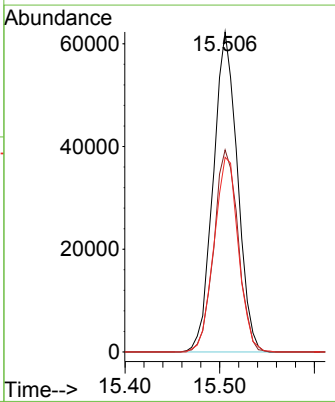
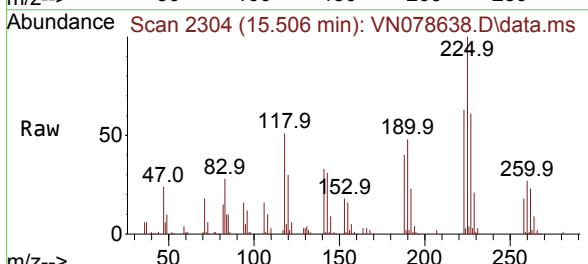
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

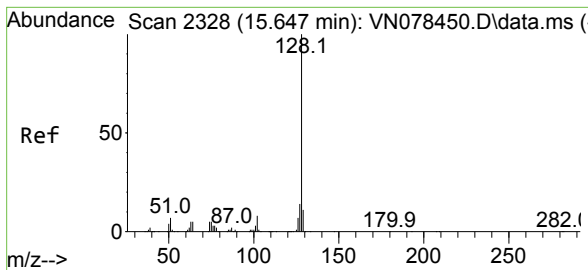
Tgt Ion:	180	Resp:	194541
Ion Ratio	Lower	Upper	
180	100		
182	91.4	46.1	138.2
145	30.7	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 56.259 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078638.D
 Acq: 24 Jul 2023 17:11

Tgt Ion:	225	Resp:	110536
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.3	93.8
227	61.6	31.9	95.9

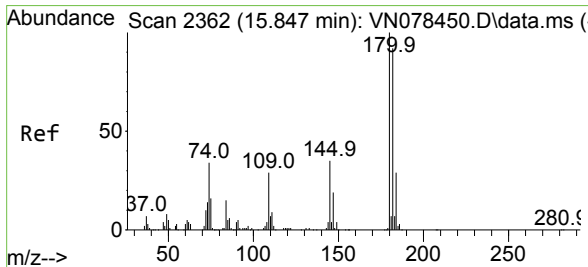
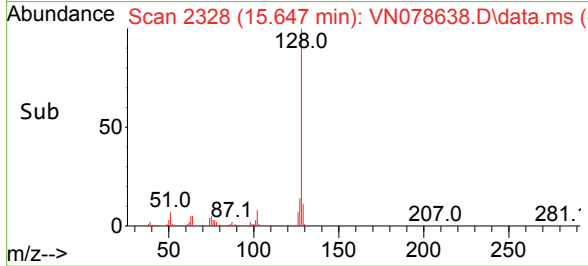
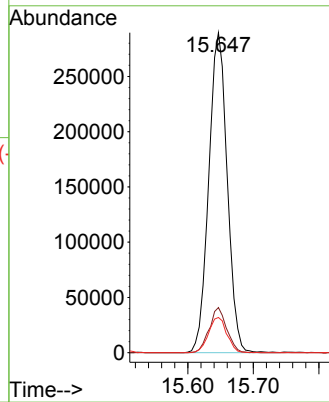
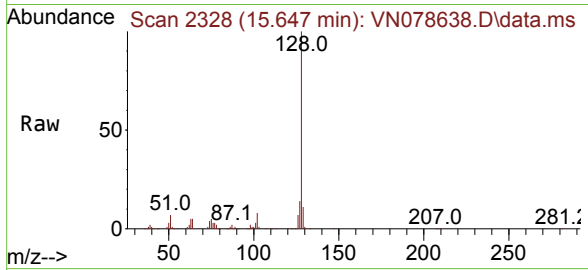




#95
Naphthalene
Concen: 43.221 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 566412
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.541 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078638.D
Acq: 24 Jul 2023 17:11

Tgt Ion:180 Resp: 205141
Ion Ratio Lower Upper
180 100
182 95.8 46.2 138.6
145 34.0 17.5 52.6

