

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076995.D
 Acq On : 14 Mar 2023 20:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 15 04:30:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	257644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	376056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	333183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	173182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	218296	56.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.560%
35) Dibromofluoromethane	8.172	113	141715	56.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.080%
50) Toluene-d8	10.572	98	475012	51.426	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.854	95	195376	57.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	178892	38.549	ug/l	100
3) Chloromethane	2.378	50	62046	24.707	ug/l	99
4) Vinyl Chloride	2.531	62	77255	33.142	ug/l	96
5) Bromomethane	2.949	94	72350	42.197	ug/l	90
6) Chloroethane	3.125	64	52622	35.561	ug/l	93
7) Trichlorofluoromethane	3.507	101	307915	50.909	ug/l	96
8) Diethyl Ether	3.978	74	69477	35.703	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	121510	39.322	ug/l	90
10) Methyl Iodide	4.601	142	148109	45.793	ug/l #	78
11) Tert butyl alcohol	5.537	59	120902	226.051	ug/l	99
12) 1,1-Dichloroethene	4.354	96	106201	37.292	ug/l	88
13) Acrolein	4.190	56	86620	180.179	ug/l	99
14) Allyl chloride	5.037	41	120004	29.373	ug/l #	81
15) Acrylonitrile	5.731	53	232927	154.097	ug/l	96
16) Acetone	4.443	43	239926	180.087	ug/l #	84
17) Carbon Disulfide	4.725	76	268806	34.074	ug/l	99
18) Methyl Acetate	5.031	43	146840	29.885	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	451124	44.550	ug/l	94
20) Methylene Chloride	5.295	84	117698	34.358	ug/l	95
21) trans-1,2-Dichloroethene	5.801	96	115279	38.183	ug/l	90
22) Diisopropyl ether	6.684	45	271651	30.055	ug/l #	89
23) Vinyl Acetate	6.619	43	972502	174.719	ug/l	98
24) 1,1-Dichloroethane	6.578	63	210272	36.420	ug/l	97
25) 2-Butanone	7.489	43	308724	162.930	ug/l	91
26) 2,2-Dichloropropane	7.501	77	244261	47.807	ug/l	93
27) cis-1,2-Dichloroethene	7.495	96	136446	39.166	ug/l	87
28) Bromochloromethane	7.819	49	67351	32.249	ug/l	85
29) Tetrahydrofuran	7.848	42	180933	154.056	ug/l	99
30) Chloroform	7.972	83	277390	44.715	ug/l	99
31) Cyclohexane	8.266	56	162827	29.518	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	311502	53.559	ug/l	97
36) 1,1-Dichloropropene	8.378	75	184229	47.528	ug/l	95
37) Ethyl Acetate	7.572	43	125509	40.489	ug/l #	95
38) Carbon Tetrachloride	8.372	117	294213	64.852	ug/l	99
39) Methylcyclohexane	9.601	83	206386	43.862	ug/l	91
40) Benzene	8.613	78	468761	41.027	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	69954	37.924	ug/l #	87
42) 1,2-Dichloroethane	8.678	62	253849	56.959	ug/l	89
43) Isopropyl Acetate	8.695	43	286855	52.421	ug/l #	86
44) Trichloroethene	9.354	130	138524	46.912	ug/l	98
45) 1,2-Dichloropropane	9.625	63	103522	36.825	ug/l	100
46) Dibromomethane	9.713	93	95691	48.739	ug/l	91
47) Bromodichloromethane	9.895	83	229047	54.991	ug/l	97
48) Methyl methacrylate	9.683	41	115956	43.248	ug/l #	80
49) 1,4-Dioxane	9.695	88	47980	945.074	ug/l #	91
51) 4-Methyl-2-Pentanone	10.448	43	644925	196.192	ug/l	95
52) Toluene	10.636	92	324773	46.184	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	221683	53.385	ug/l	97
54) cis-1,3-Dichloropropene	10.319	75	211018	46.273	ug/l #	84
55) 1,1,2-Trichloroethane	11.019	97	122735	44.859	ug/l	95
56) Ethyl methacrylate	10.877	69	187716	45.234	ug/l #	78
57) 1,3-Dichloropropane	11.166	76	212236	43.991	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	282301	213.623	ug/l	93
59) 2-Hexanone	11.201	43	494386	206.268	ug/l	89
60) Dibromochloromethane	11.360	129	172434	57.204	ug/l	100
61) 1,2-Dibromoethane	11.472	107	134281	48.967	ug/l	99
64) Tetrachloroethene	11.107	164	127292	47.205	ug/l	99
65) Chlorobenzene	11.895	112	359538	48.243	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	165303	56.817	ug/l	93
67) Ethyl Benzene	11.966	91	691146	50.433	ug/l	96
68) m/p-Xylenes	12.072	106	518549	100.674	ug/l	84
69) o-Xylene	12.401	106	253102	50.615	ug/l	77
70) Styrene	12.413	104	414960	51.366	ug/l #	87
71) Bromoform	12.583	173	131889	62.553	ug/l #	97
73) Isopropylbenzene	12.695	105	721814	46.775	ug/l	95
74) N-amyl acetate	12.495	43	196909	38.539	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.942	83	164451	36.217	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	244876	58.322	ug/l	63
77) Bromobenzene	12.983	156	167185	48.462	ug/l	97
78) n-propylbenzene	13.036	91	791484	46.059	ug/l	97
79) 2-Chlorotoluene	13.124	91	502968	45.135	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	653957	49.749	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.742	75	52680	40.984	ug/l #	58
82) 4-Chlorotoluene	13.224	91	494894	46.999	ug/l	93
83) tert-Butylbenzene	13.442	119	561170	50.250	ug/l	86
84) 1,2,4-Trimethylbenzene	13.483	105	645867	49.110	ug/l	91
85) sec-Butylbenzene	13.618	105	730906	47.748	ug/l	100
86) p-Isopropyltoluene	13.730	119	659195	53.327	ug/l	90
87) 1,3-Dichlorobenzene	13.736	146	313918	49.928	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	301728	47.839	ug/l	96
89) n-Butylbenzene	14.060	91	506257	49.078	ug/l	98
90) Hexachloroethane	14.336	117	117449	49.446	ug/l	69
91) 1,2-Dichlorobenzene	14.107	146	305185	48.318	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	53519	53.385	ug/l	82
93) 1,2,4-Trichlorobenzene	15.395	180	191878	54.652	ug/l	96
94) Hexachlorobutadiene	15.501	225	117322	62.721	ug/l	98
95) Naphthalene	15.642	128	544228	52.065	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	184858	54.222	ug/l	100

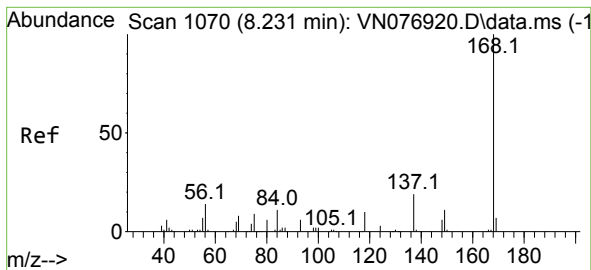
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

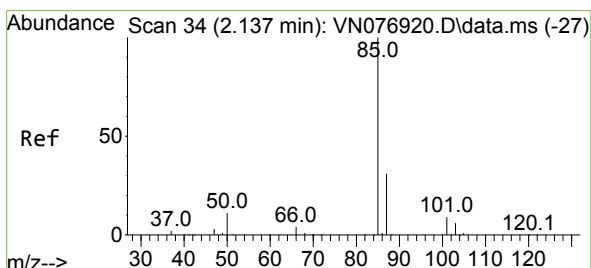
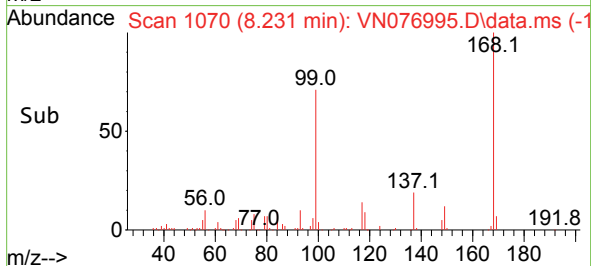
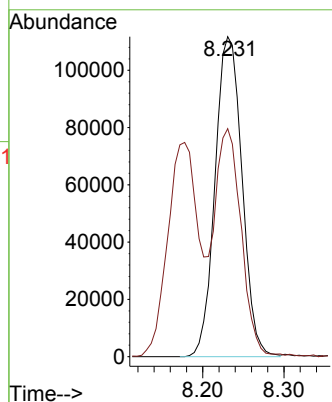
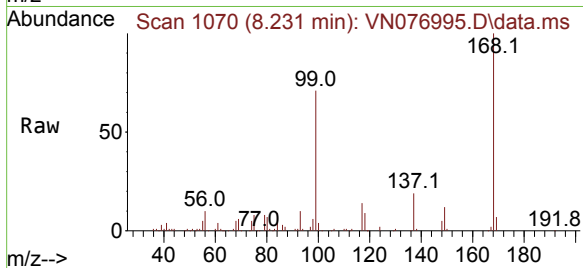
VSTDCCC050EC

Tgt Ion:168 Resp: 257644

Ion Ratio Lower Upper

168 100

99 70.4 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 38.549 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN076995.D

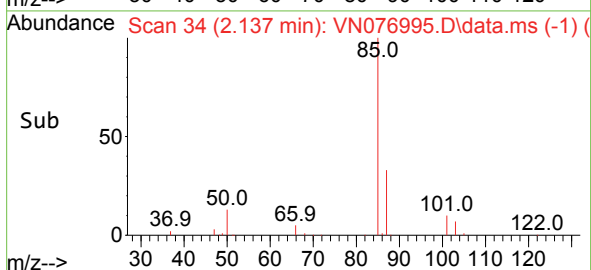
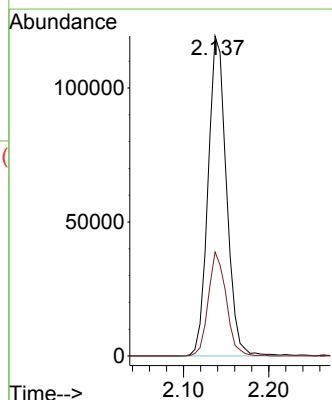
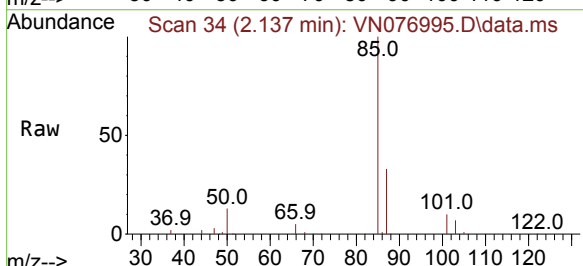
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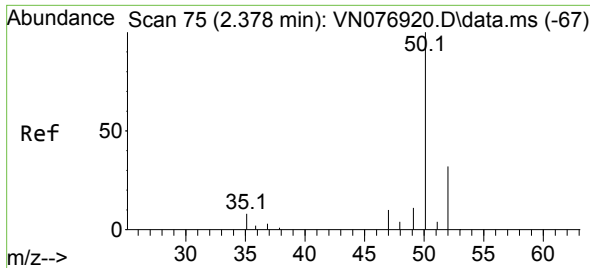
Tgt Ion: 85 Resp: 178892

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.6

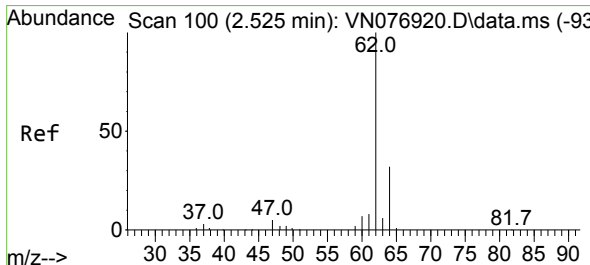
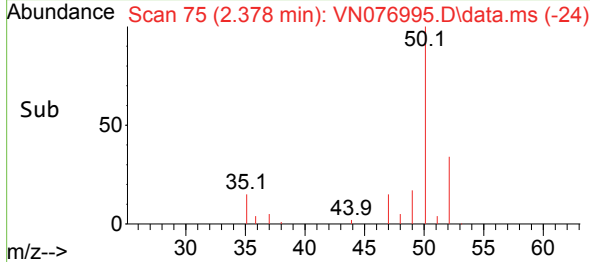
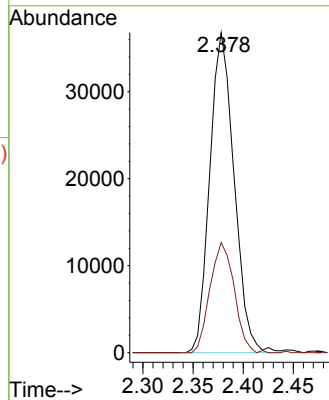
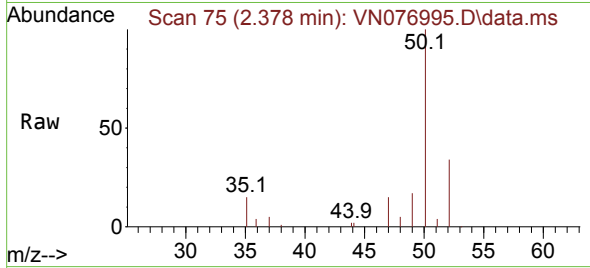




#3
Chloromethane
Concen: 24.707 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

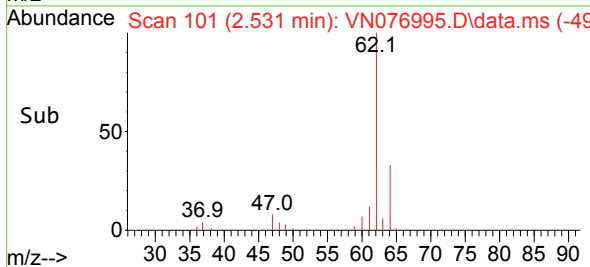
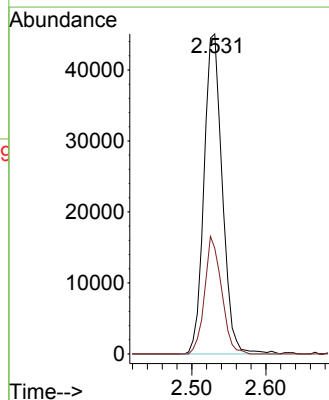
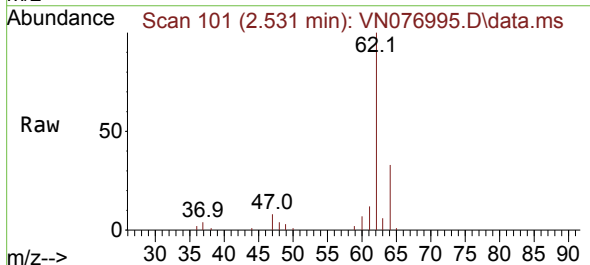
Instrument :
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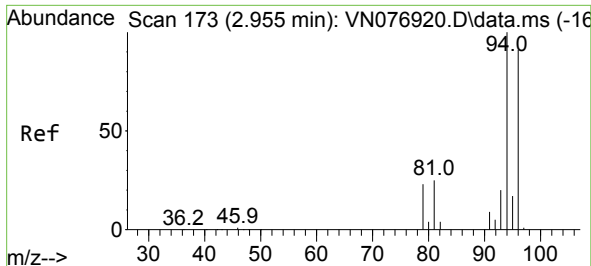
Tgt Ion: 50 Resp: 62046
Ion Ratio Lower Upper
50 100
52 34.4 27.9 41.9



#4
Vinyl Chloride
Concen: 33.142 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 62 Resp: 77255
Ion Ratio Lower Upper
62 100
64 33.0 24.5 36.7

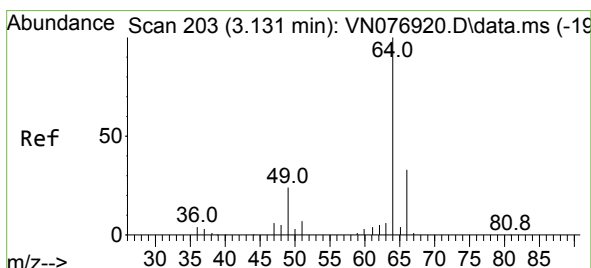
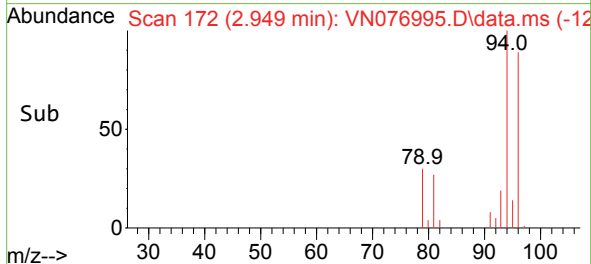
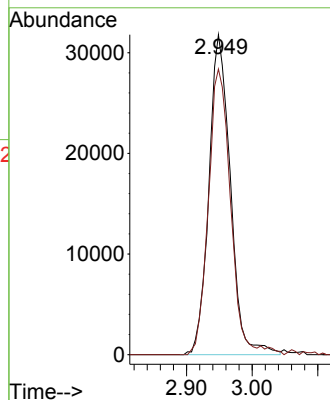
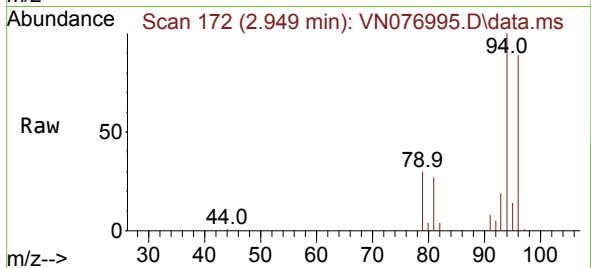




#5
Bromomethane
Concen: 42.197 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

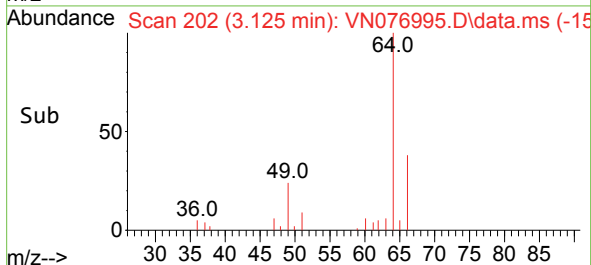
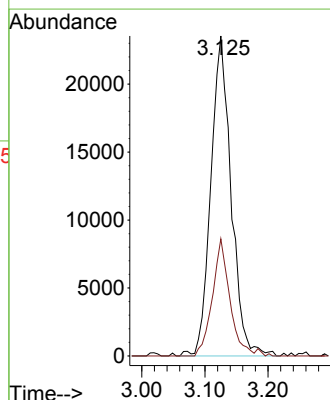
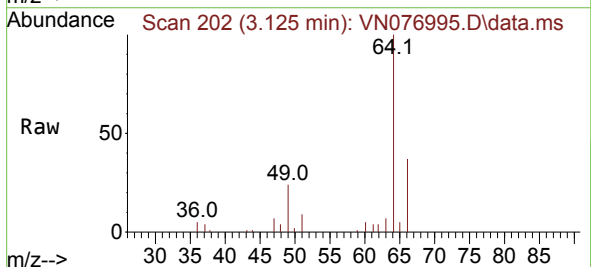
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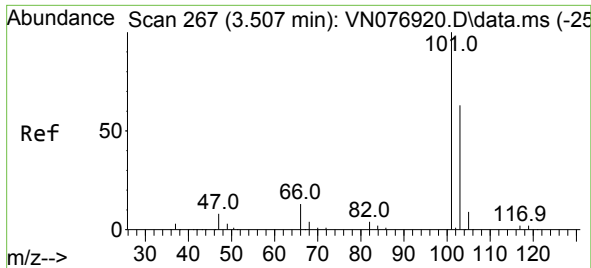
Tgt Ion: 94 Resp: 72350
Ion Ratio Lower Upper
94 100
96 89.2 79.0 118.6



#6
Chloroethane
Concen: 35.561 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 64 Resp: 52622
Ion Ratio Lower Upper
64 100
66 36.6 26.2 39.4

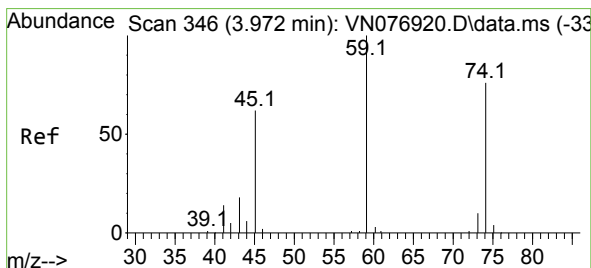
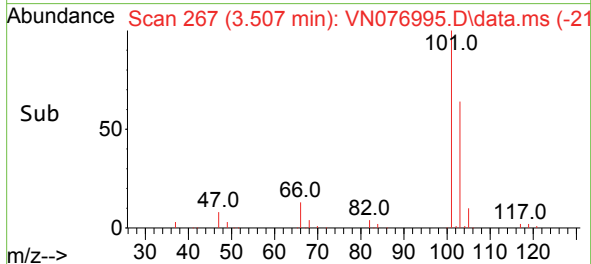
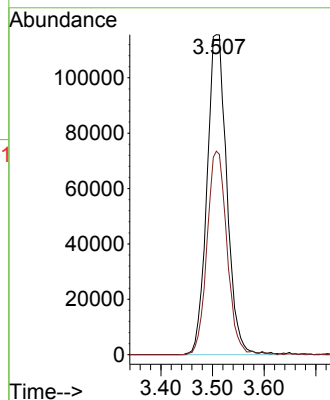
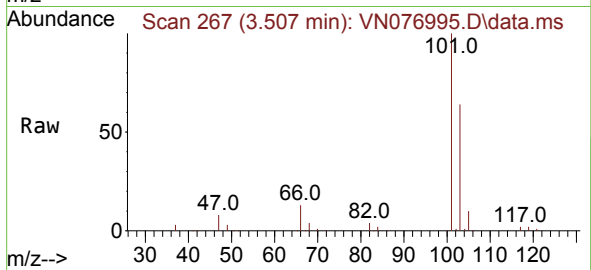




#7
Trichlorofluoromethane
Concen: 50.909 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

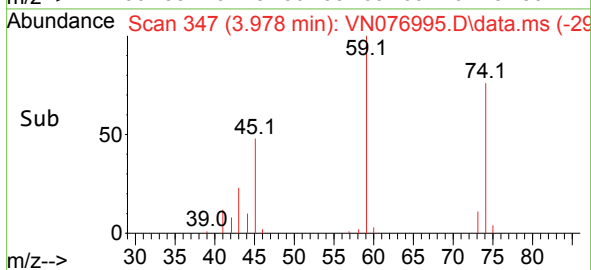
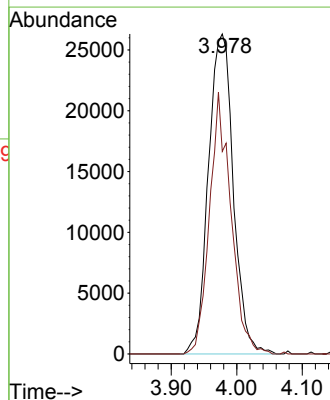
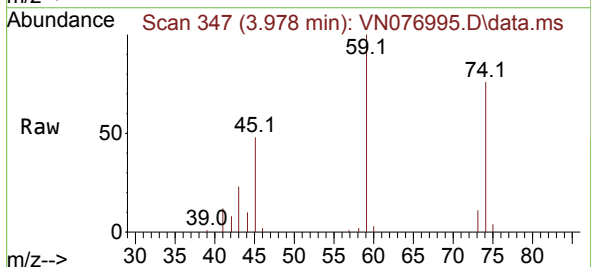
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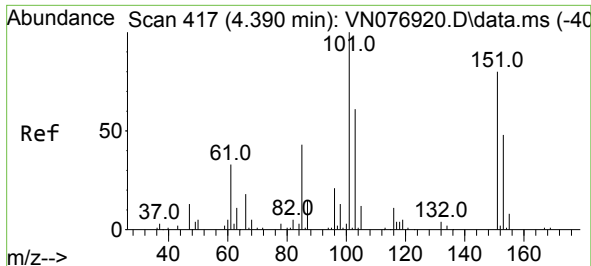
Tgt Ion:101 Resp: 307915
Ion Ratio Lower Upper
101 100
103 63.6 53.4 80.0



#8
Diethyl Ether
Concen: 35.703 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 74 Resp: 69477
Ion Ratio Lower Upper
74 100
45 70.4 35.5 106.5

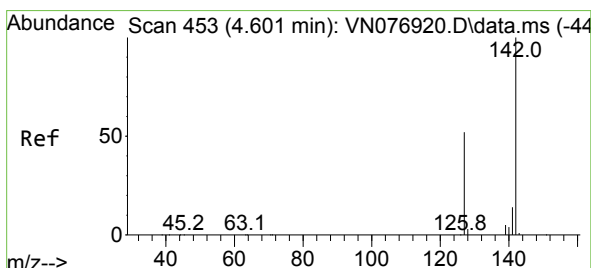
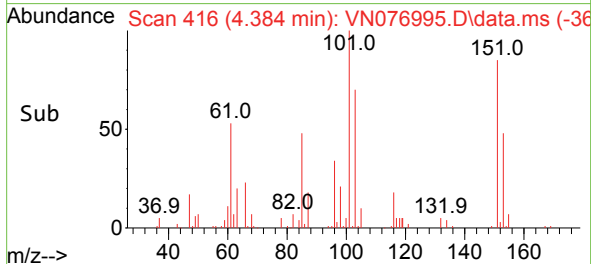
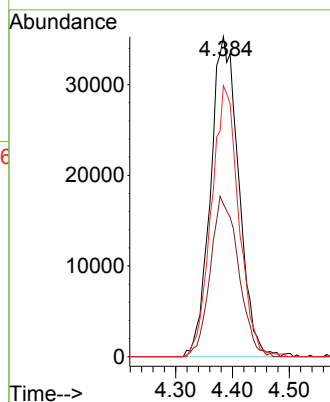
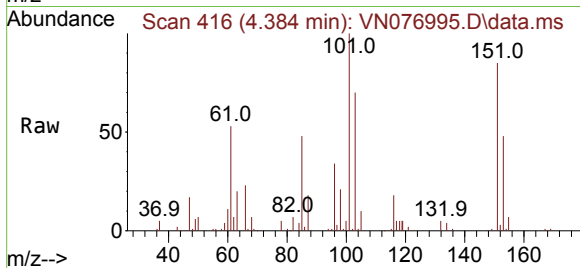




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.322 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

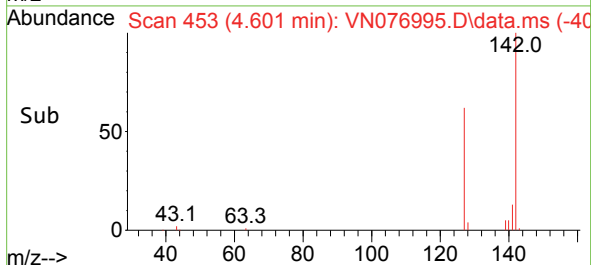
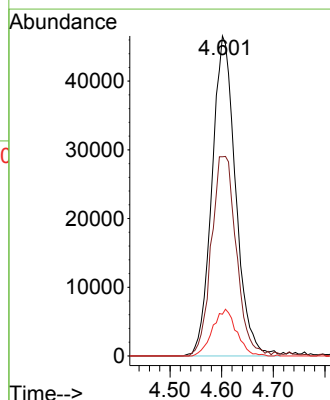
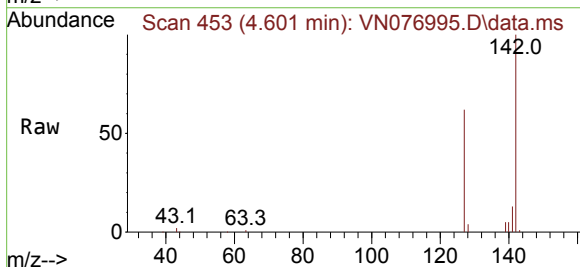
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

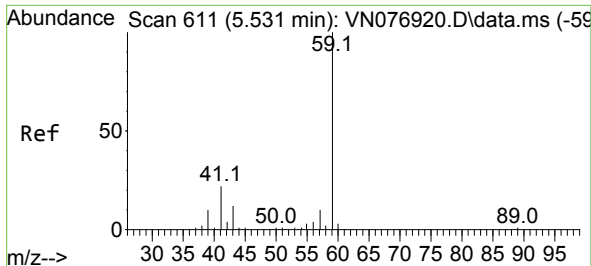
Tgt Ion:101 Resp: 121510
Ion Ratio Lower Upper
101 100
85 49.9 35.2 52.8
151 82.2 58.9 88.3



#10
Methyl Iodide
Concen: 45.793 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion:142 Resp: 148109
Ion Ratio Lower Upper
142 100
127 62.2 35.2 52.8#
141 13.0 10.2 15.2

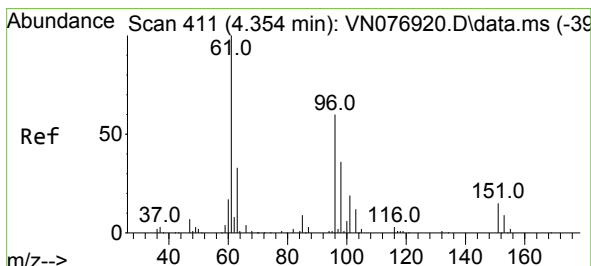
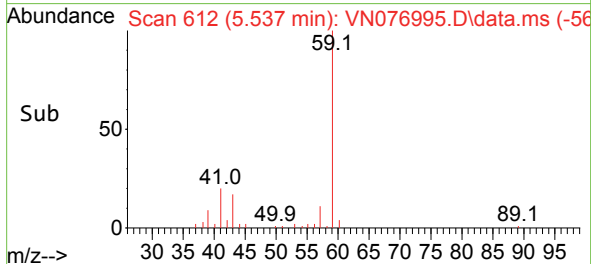
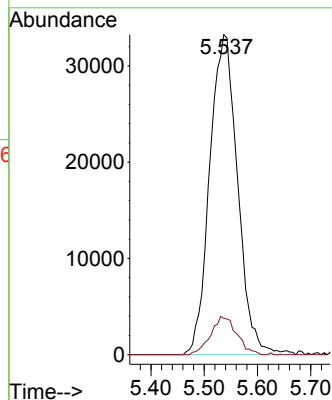
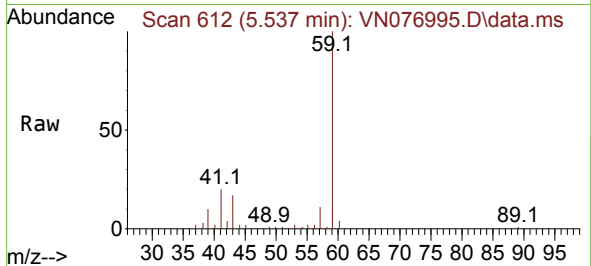




#11
Tert butyl alcohol
Concen: 226.051 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

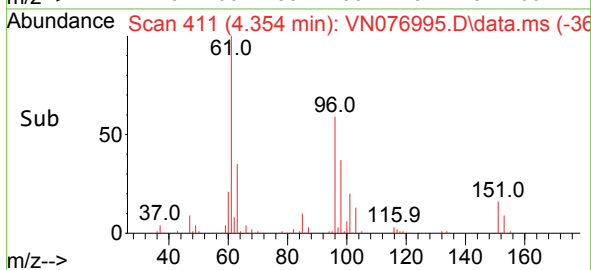
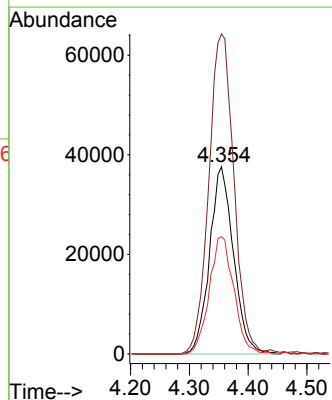
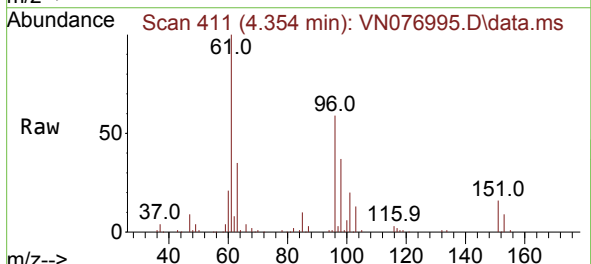
Instrument :
MSVOA_N
ClientSampleId :
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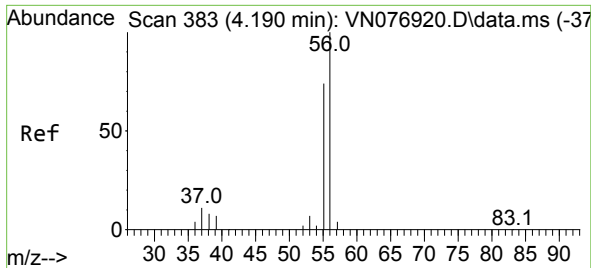
Tgt Ion: 59 Resp: 120902
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 37.292 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 96 Resp: 106201
Ion Ratio Lower Upper
96 100
61 170.9 121.3 181.9
98 62.6 52.1 78.1

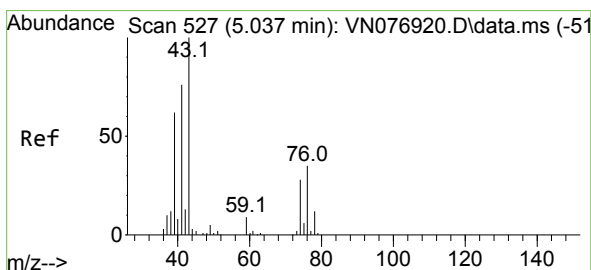
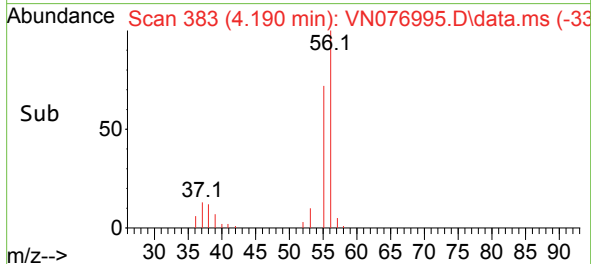
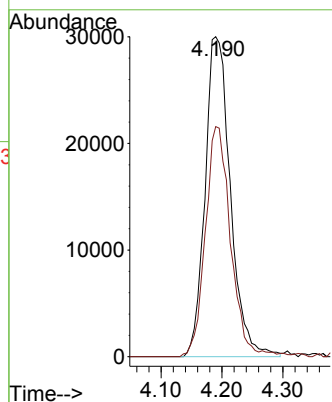
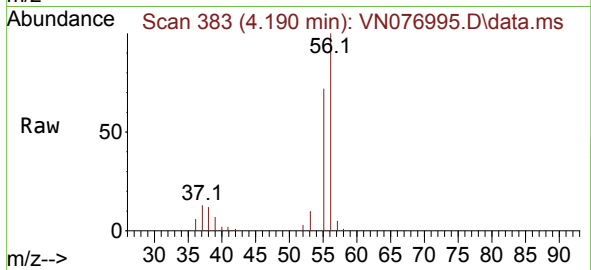




#13
Acrolein
Concen: 180.179 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

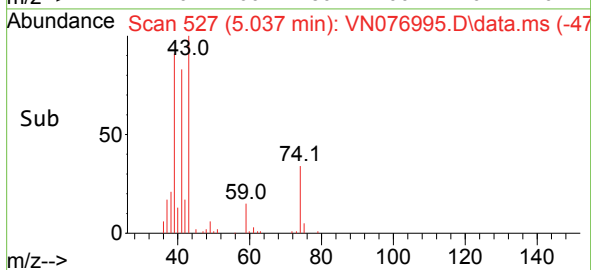
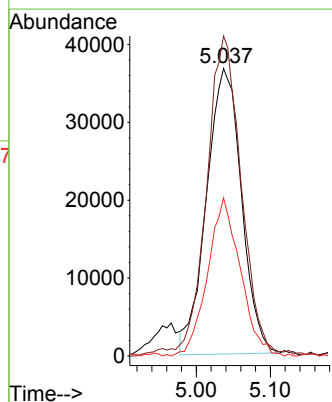
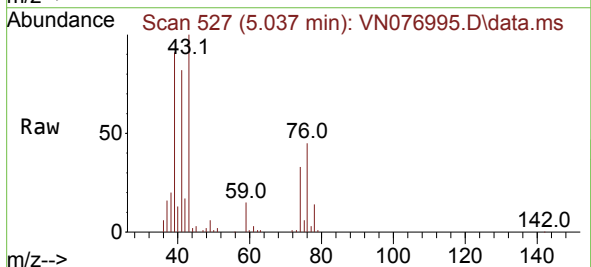
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

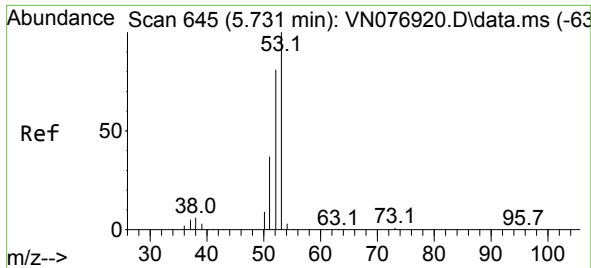
Tgt Ion: 56 Resp: 86620
Ion Ratio Lower Upper
56 100
55 71.8 56.7 85.1



#14
Allyl chloride
Concen: 29.373 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 41 Resp: 120004
Ion Ratio Lower Upper
41 100
39 111.4 68.1 102.1#
76 51.8 44.1 66.1

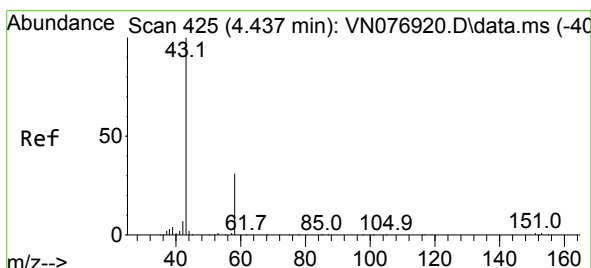
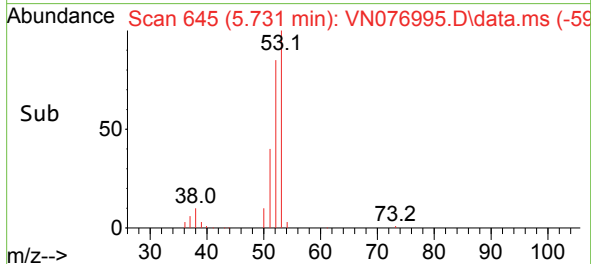
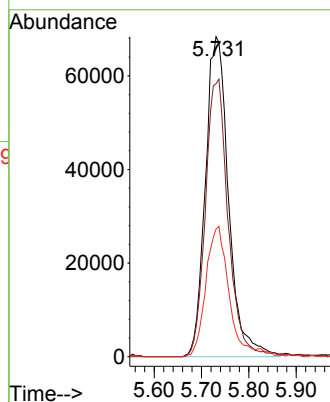
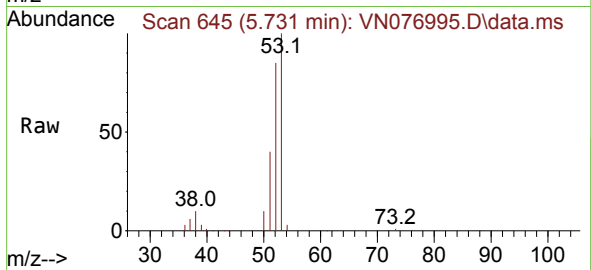




#15
Acrylonitrile
Concen: 154.097 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

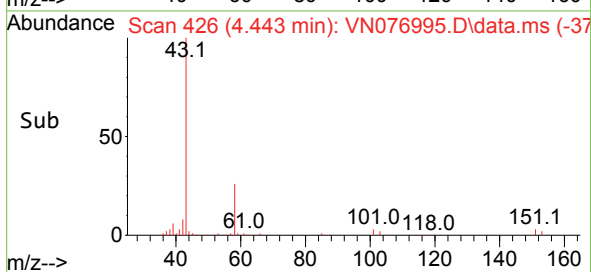
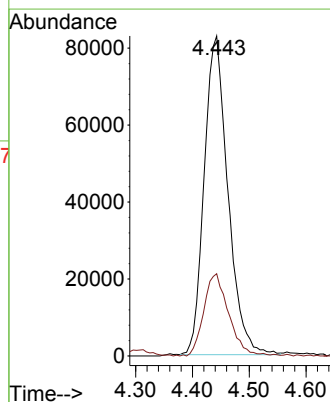
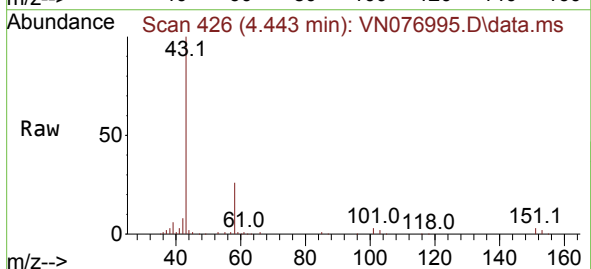
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

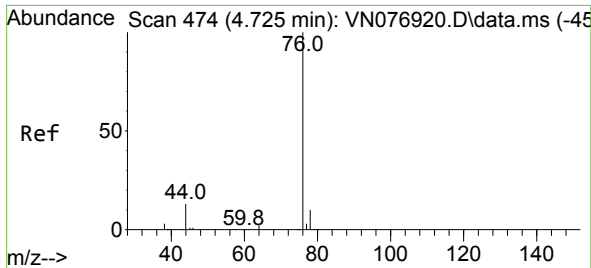
Tgt Ion: 53 Resp: 232927
Ion Ratio Lower Upper
53 100
52 84.8 65.3 97.9
51 39.7 28.8 43.2



#16
Acetone
Concen: 180.087 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 43 Resp: 239926
Ion Ratio Lower Upper
43 100
58 25.8 28.2 42.2#

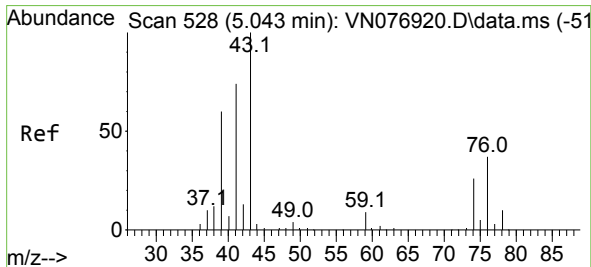
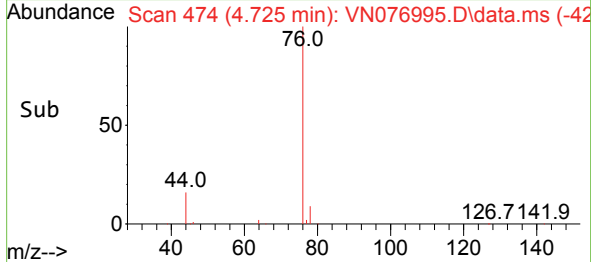
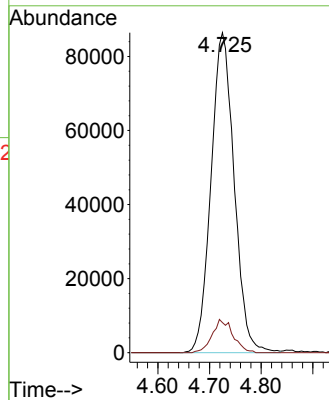
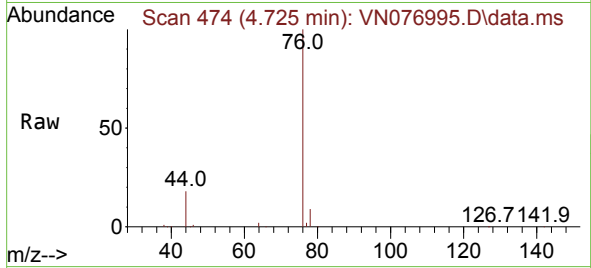




#17
Carbon Disulfide
Concen: 34.074 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

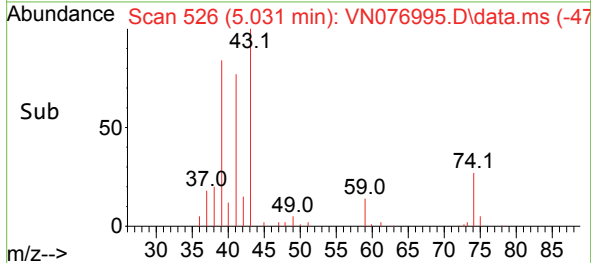
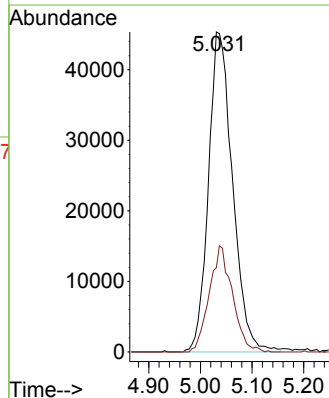
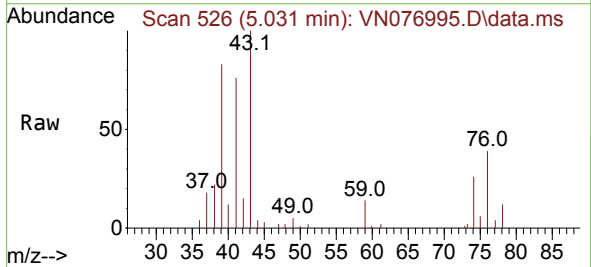
Instrument :
MSVOA_N
ClientSampleId :
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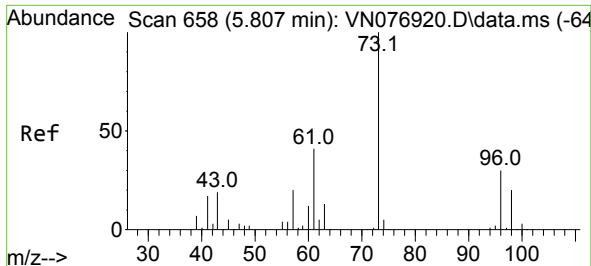
Tgt Ion: 76 Resp: 268806
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8



#18
Methyl Acetate
Concen: 29.885 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 43 Resp: 146840
Ion Ratio Lower Upper
43 100
74 31.8 25.9 38.9

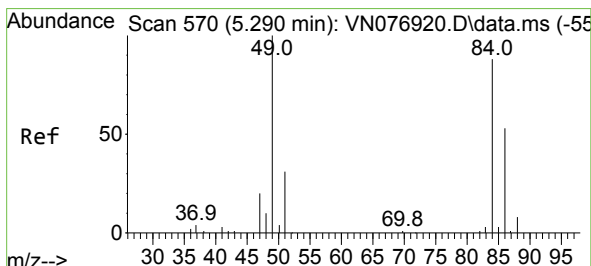
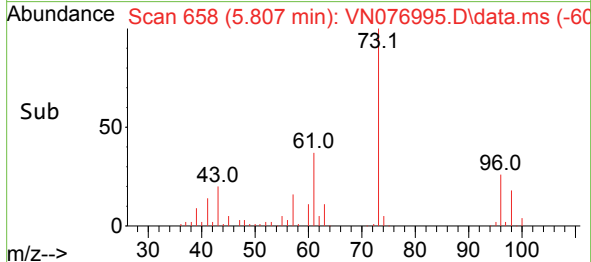
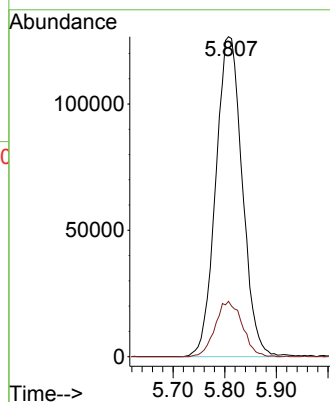
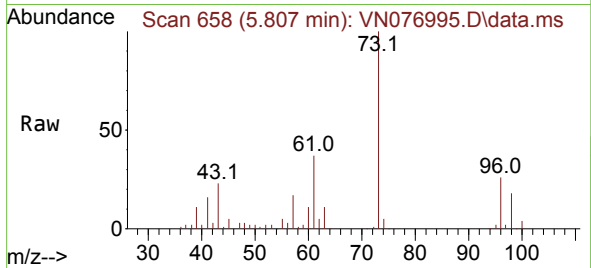




#19
Methyl tert-butyl Ether
Concen: 44.550 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

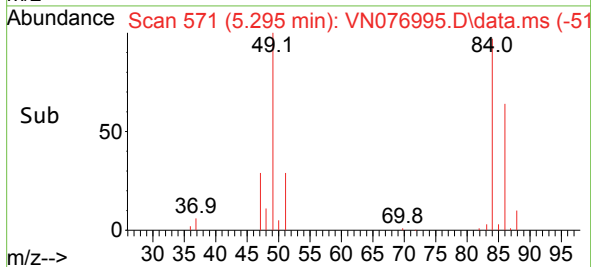
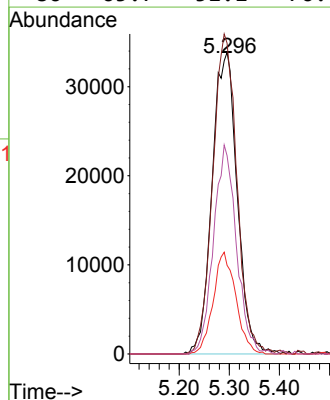
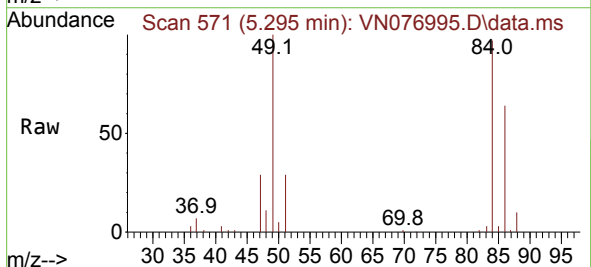
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

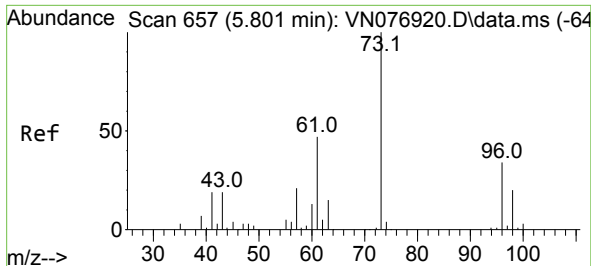
Tgt Ion: 73 Resp: 451124
Ion Ratio Lower Upper
73 100
57 17.3 16.1 24.1



#20
Methylene Chloride
Concen: 34.358 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 84 Resp: 117698
Ion Ratio Lower Upper
84 100
49 103.0 76.6 114.8
51 29.4 25.4 38.2
86 65.7 51.1 76.7

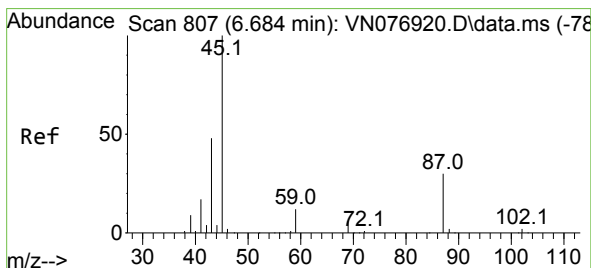
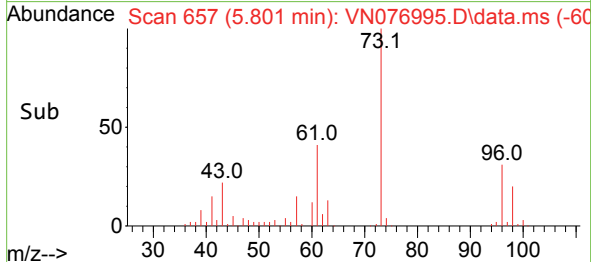
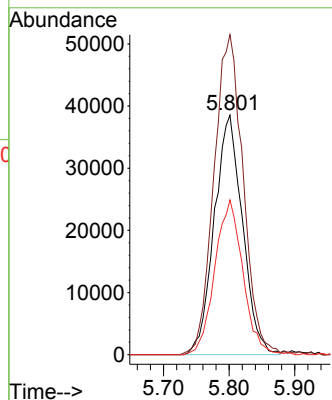
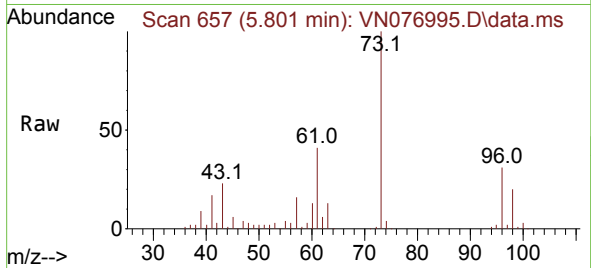




#21
trans-1,2-Dichloroethene
Concen: 38.183 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

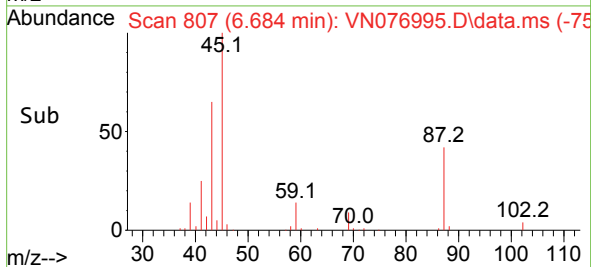
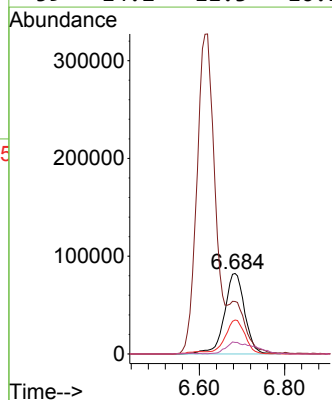
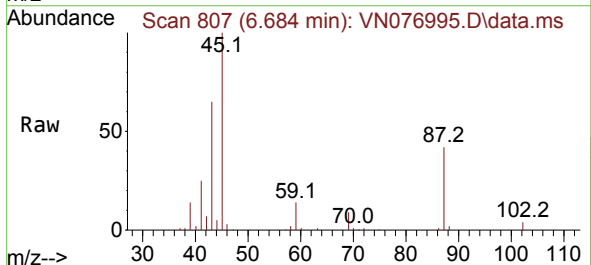
Instrument :
MSVOA_N
ClientSampleId :
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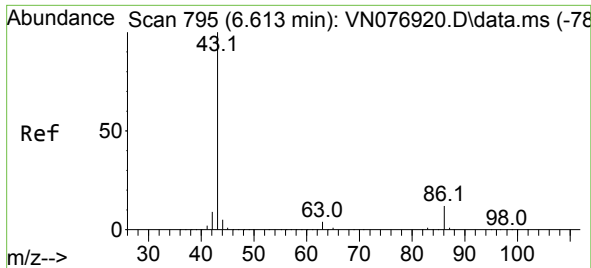
Tgt Ion: 96 Resp: 115279
Ion Ratio Lower Upper
96 100
61 133.6 95.0 142.6
98 64.6 54.5 81.7



#22
Diisopropyl ether
Concen: 30.055 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 45 Resp: 271651
Ion Ratio Lower Upper
45 100
43 64.3 42.6 63.8#
87 41.9 29.7 44.5
59 14.2 11.3 16.9

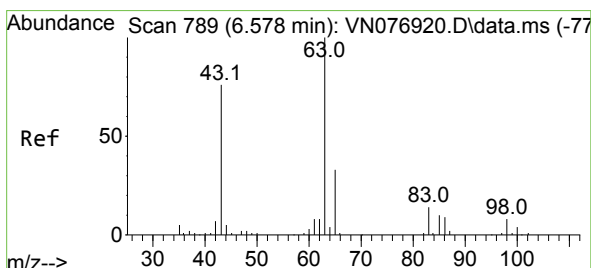
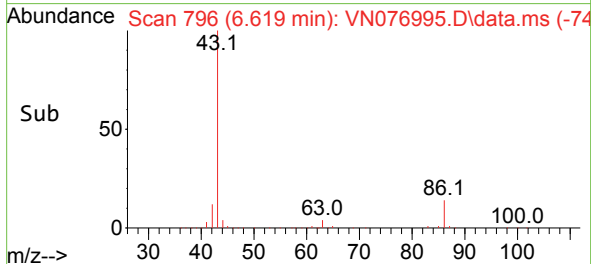
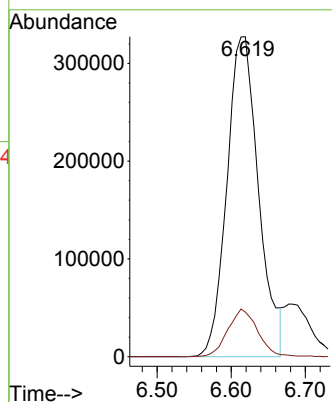
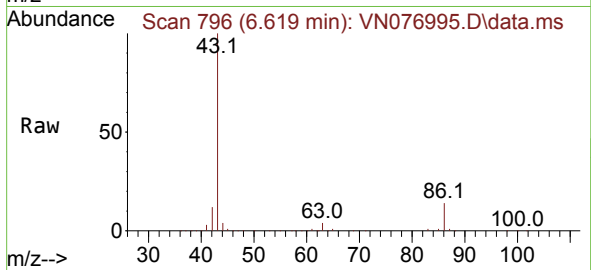




#23
 Vinyl Acetate
 Concen: 174.719 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

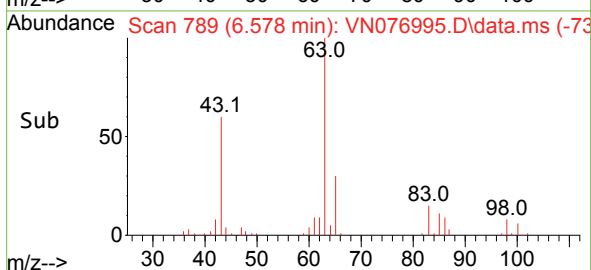
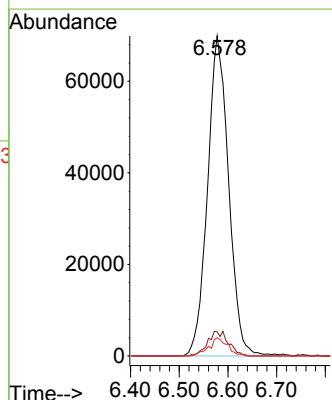
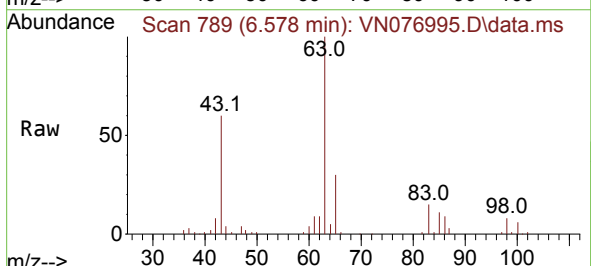
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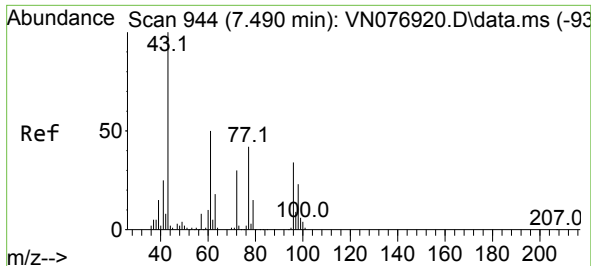
Tgt Ion: 43 Resp: 972502
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.8 17.6



#24
 1,1-Dichloroethane
 Concen: 36.420 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Tgt Ion: 63 Resp: 210272
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.2 12.6
 100 5.7 2.2 6.6

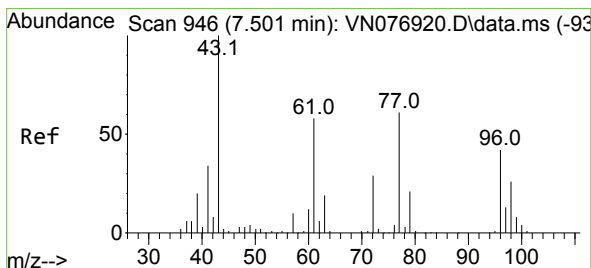
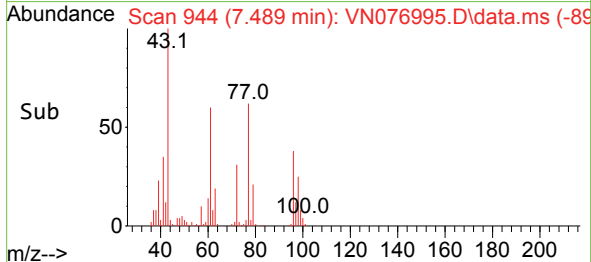
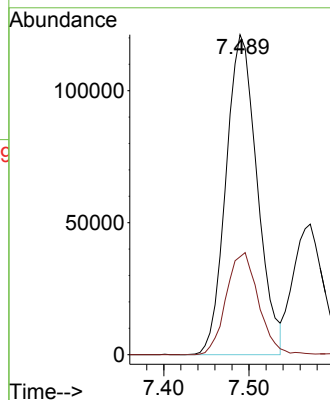
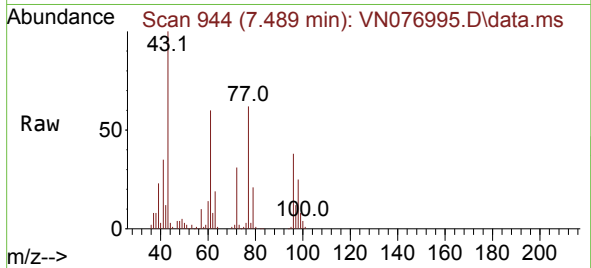




#25
2-Butanone
Concen: 162.930 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

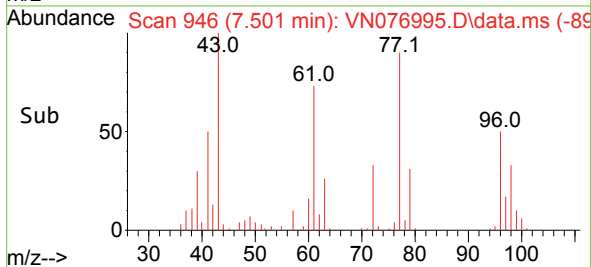
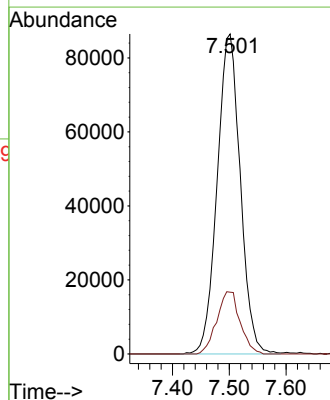
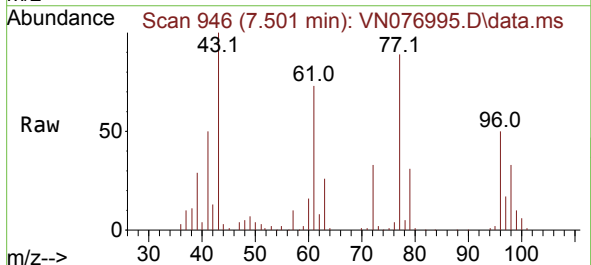
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

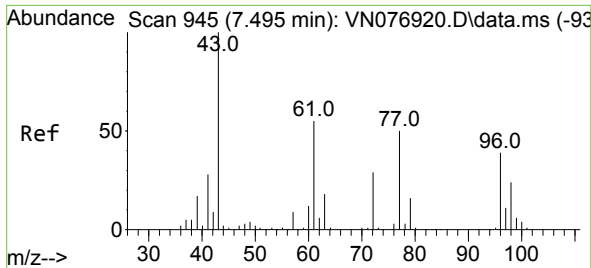
Tgt Ion: 43 Resp: 308724
Ion Ratio Lower Upper
43 100
72 30.6 28.8 43.2



#26
2,2-Dichloropropane
Concen: 47.807 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 77 Resp: 244261
Ion Ratio Lower Upper
77 100
97 19.6 11.5 34.5

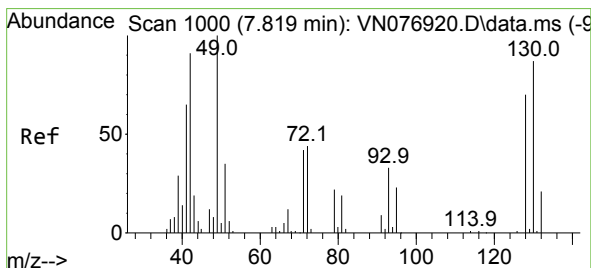
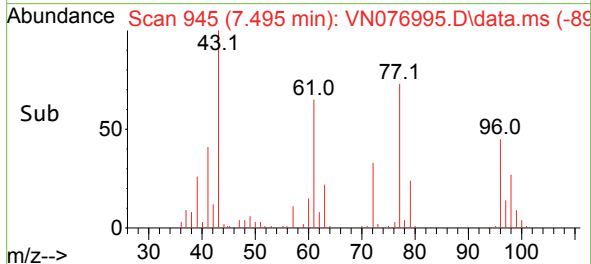
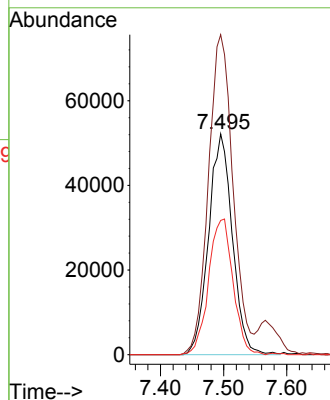
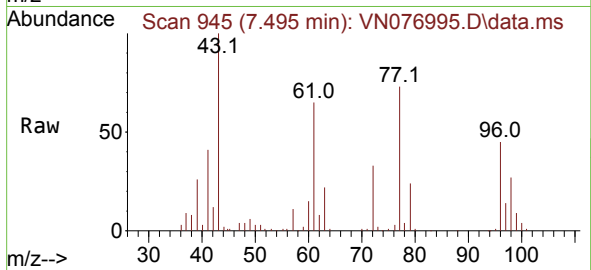




#27
 cis-1,2-Dichloroethene
 Concen: 39.166 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

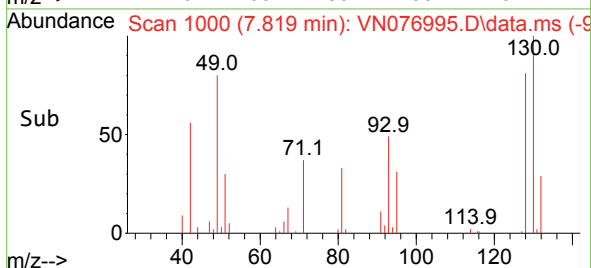
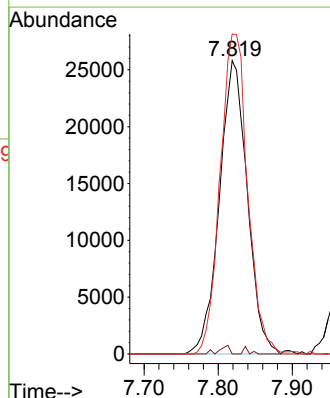
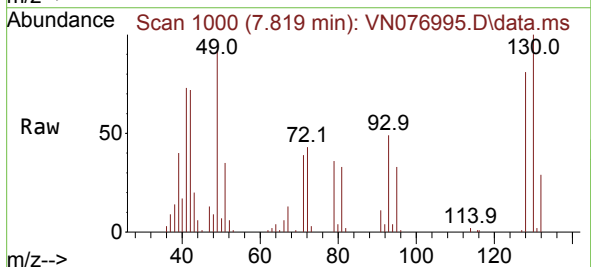
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

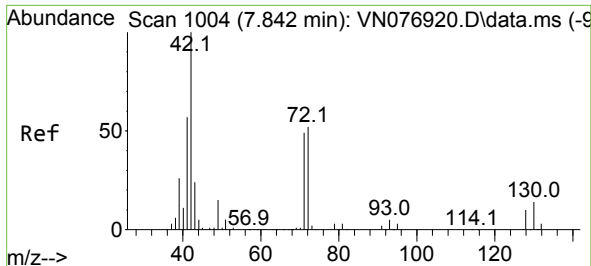
Tgt Ion: 96 Resp: 136446
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 255.6
 98 63.0 0.0 127.4



#28
 Bromochloromethane
 Concen: 32.249 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Tgt Ion: 49 Resp: 67351
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 107.8 74.8 112.2





#29

Tetrahydrofuran

Concen: 154.056 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

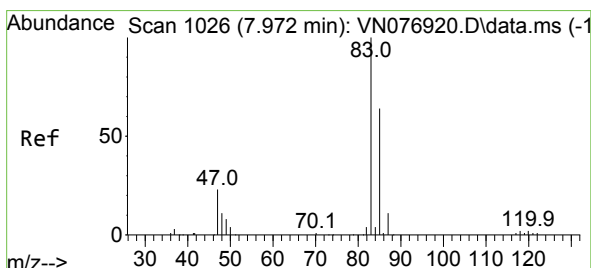
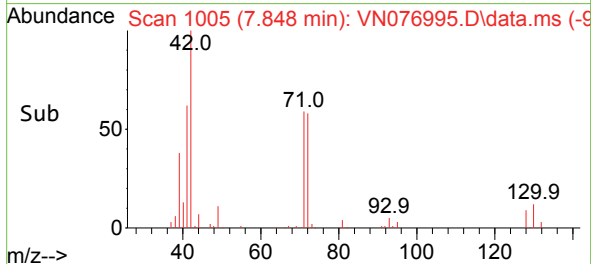
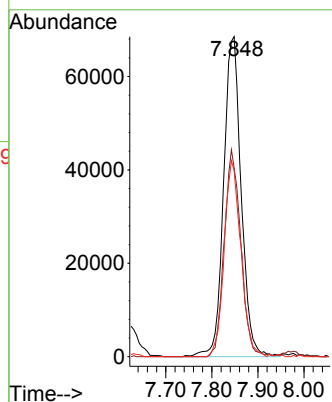
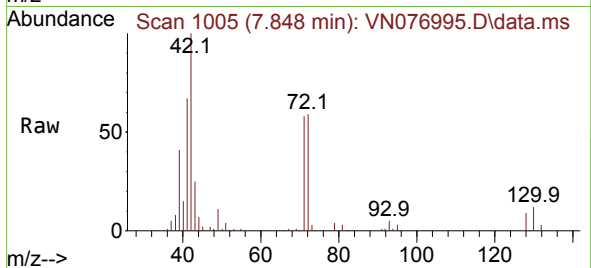
Tgt Ion: 42 Resp: 180933

Ion Ratio Lower Upper

42 100

72 60.9 48.6 73.0

71 58.6 45.1 67.7



#30

Chloroform

Concen: 44.715 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076995.D

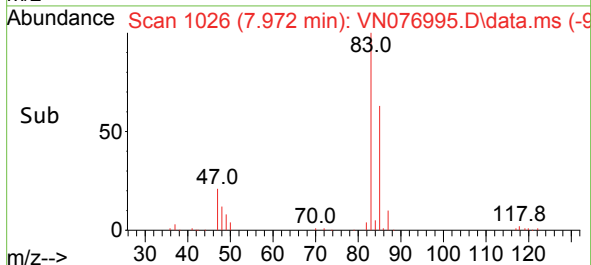
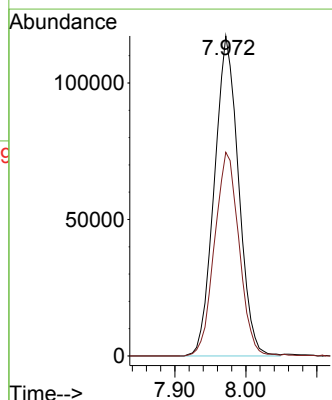
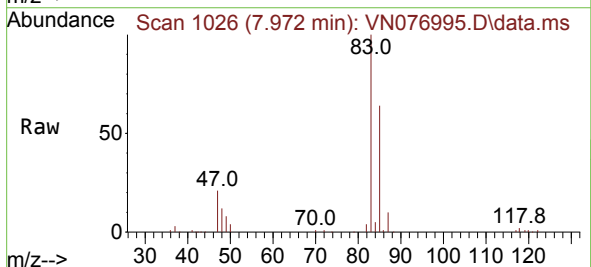
Acq: 14 Mar 2023 20:22

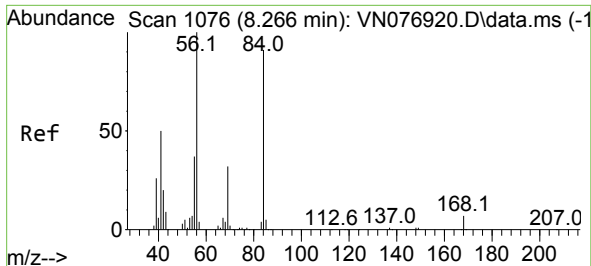
Tgt Ion: 83 Resp: 277390

Ion Ratio Lower Upper

83 100

85 63.7 51.3 76.9

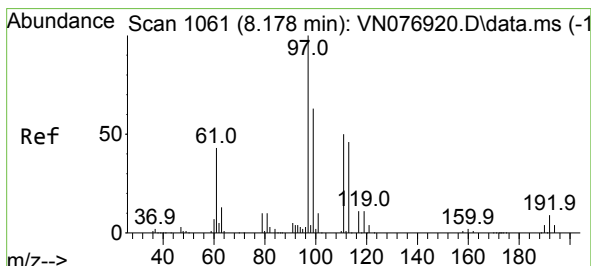
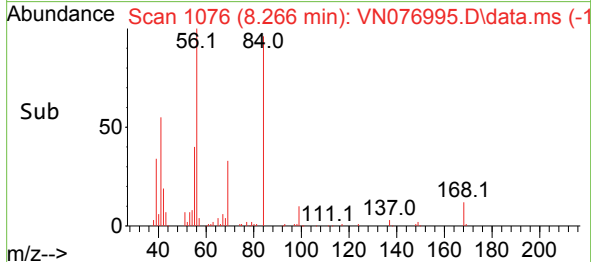
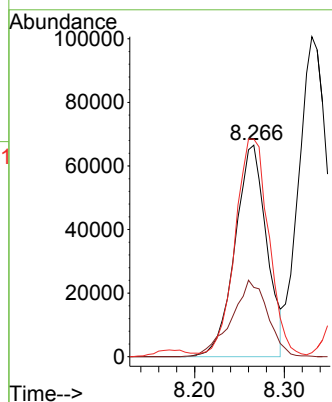
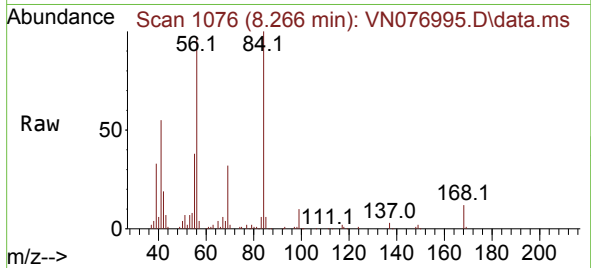




#31
Cyclohexane
Concen: 29.518 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

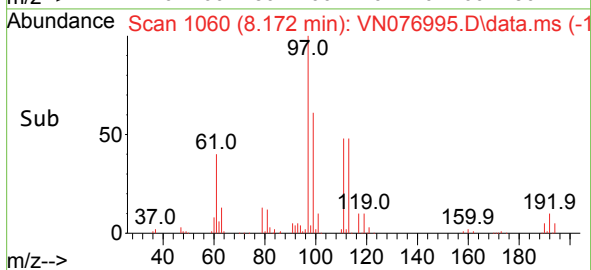
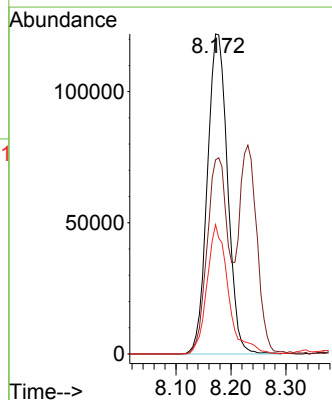
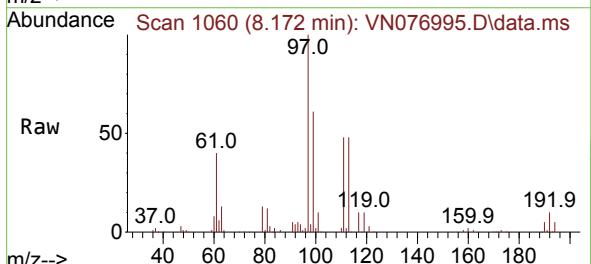
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

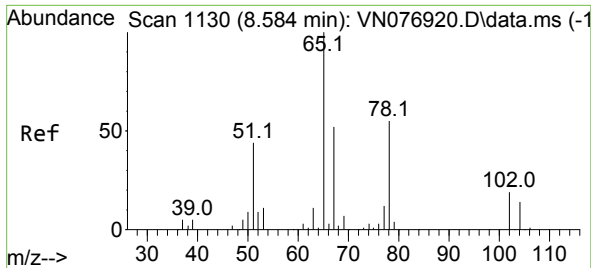
Tgt Ion: 56 Resp: 162827
Ion Ratio Lower Upper
56 100
69 32.8 27.0 40.6
84 99.8 82.9 124.3



#32
1,1,1-Trichloroethane
Concen: 53.559 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 97 Resp: 311502
Ion Ratio Lower Upper
97 100
99 61.6 51.2 76.8
61 42.6 35.7 53.5

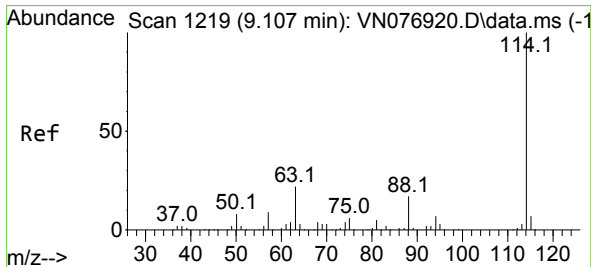
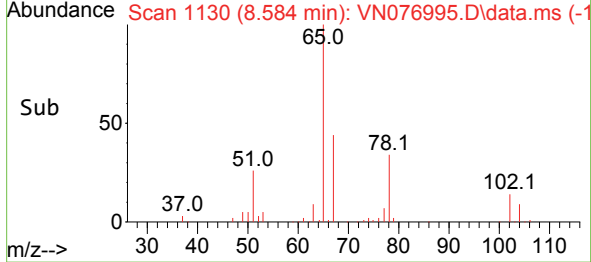
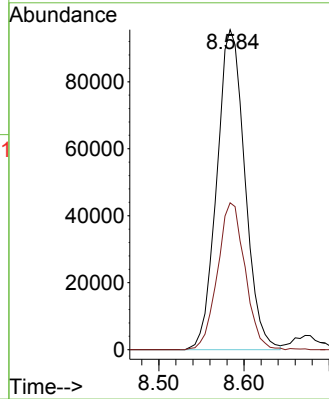
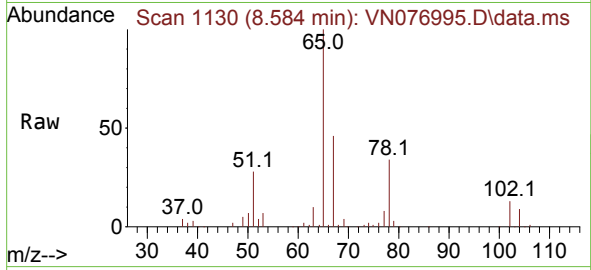




#33
1,2-Dichloroethane-d4
Concen: 56.778 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

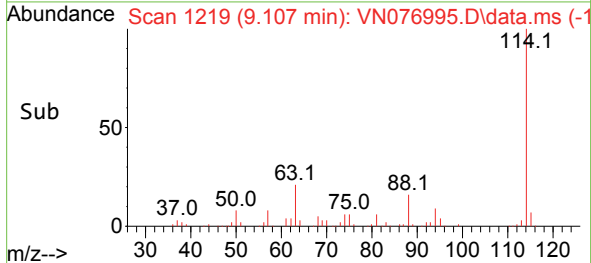
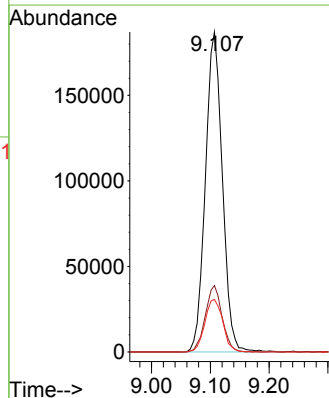
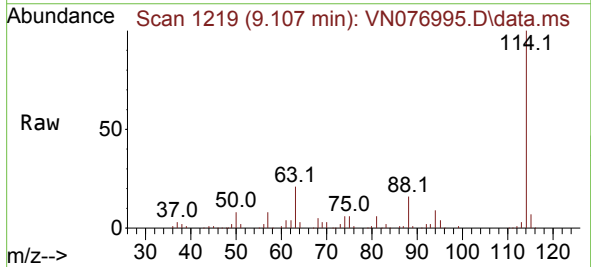
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

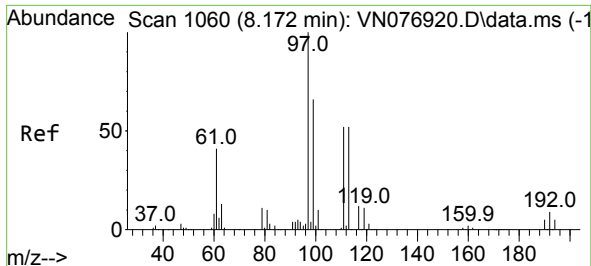
Tgt Ion: 65 Resp: 218296
Ion Ratio Lower Upper
65 100
67 44.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 114 Resp: 376056
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.6
88 16.4 0.0 28.6

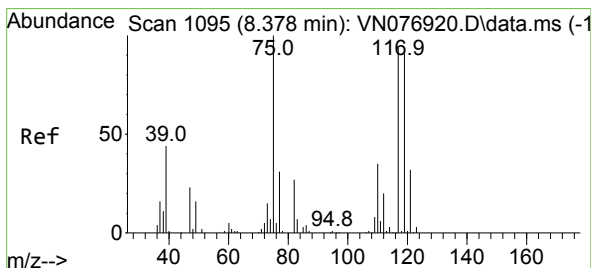
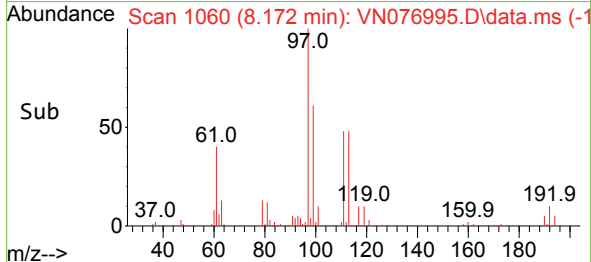
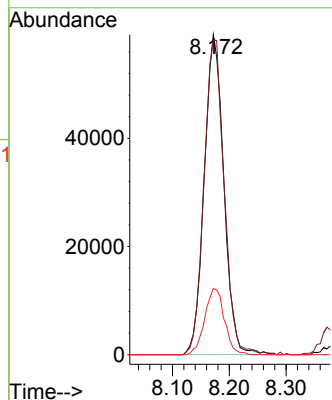
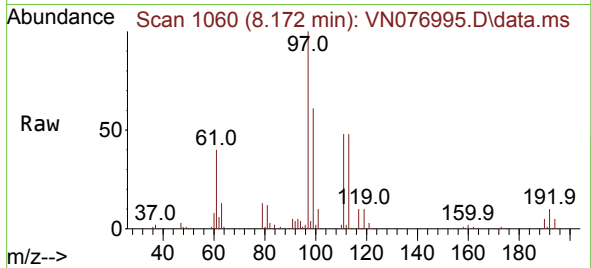




#35
Dibromofluoromethane
Concen: 56.544 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

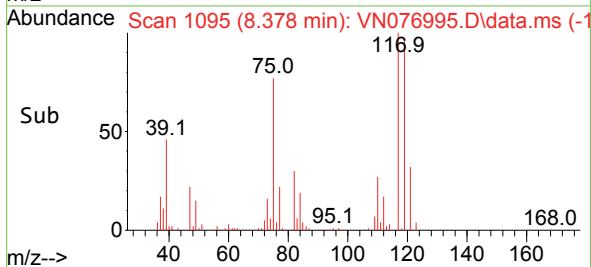
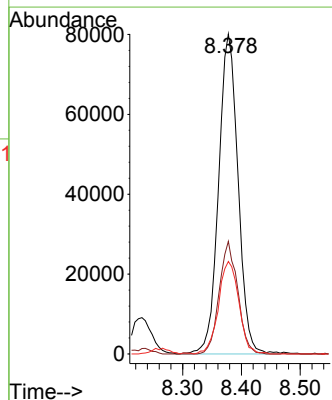
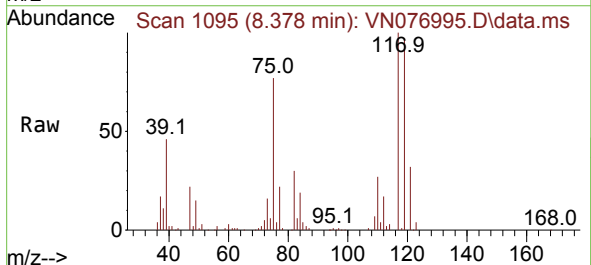
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

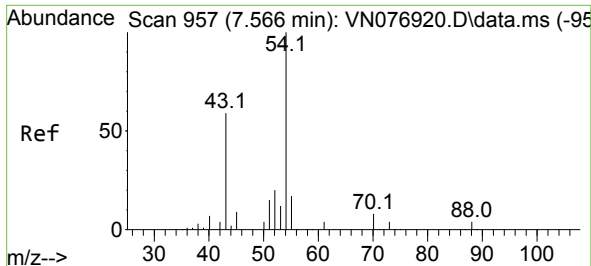
Tgt Ion:113 Resp: 141715
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.8
192 20.7 13.9 20.9



#36
1,1-Dichloropropene
Concen: 47.528 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 75 Resp: 184229
Ion Ratio Lower Upper
75 100
110 33.5 18.9 56.9
77 30.2 24.9 37.3

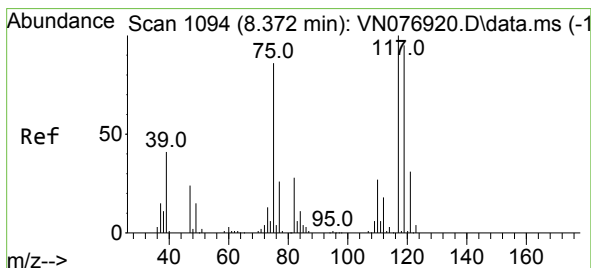
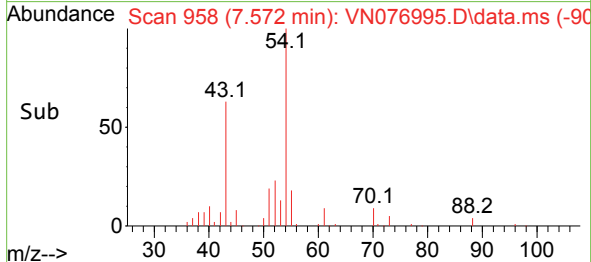
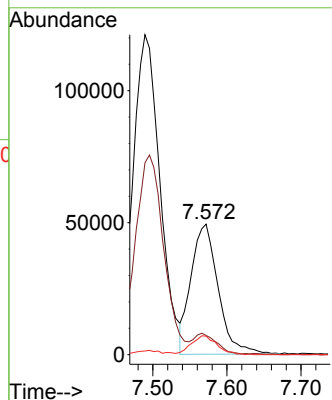
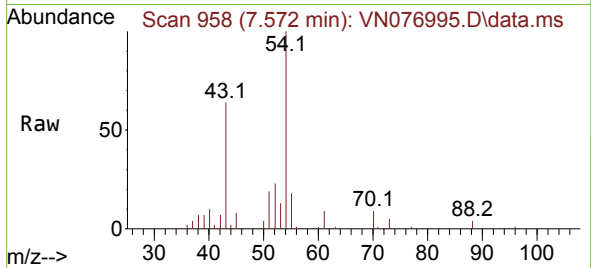




#37
Ethyl Acetate
Concen: 40.489 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

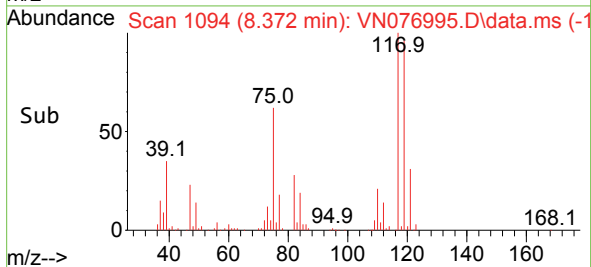
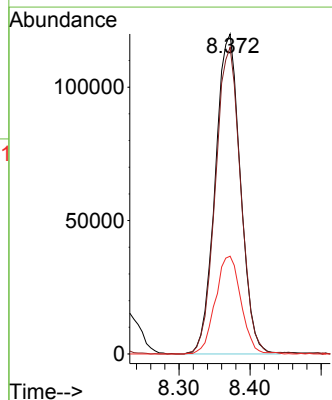
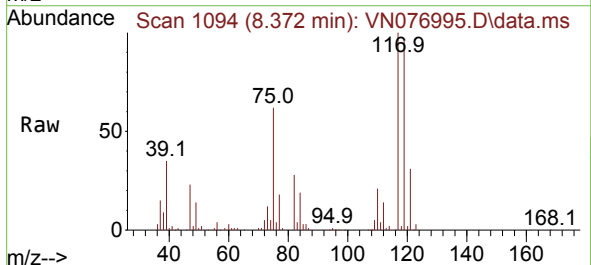
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

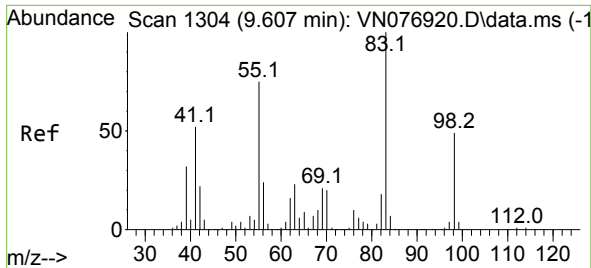
Tgt Ion: 43 Resp: 125509
Ion Ratio Lower Upper
43 100
61 13.1 13.5 20.3#
70 13.7 11.0 16.6



#38
Carbon Tetrachloride
Concen: 64.852 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 117 Resp: 294213
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3
121 30.6 23.2 34.8

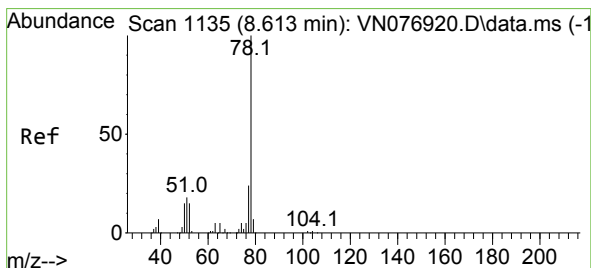
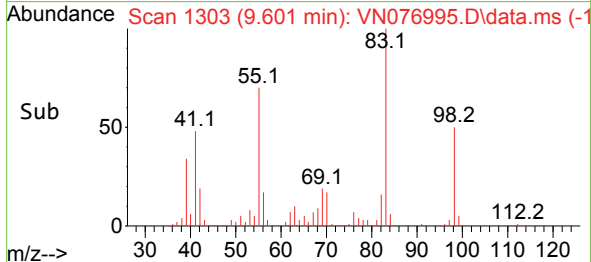
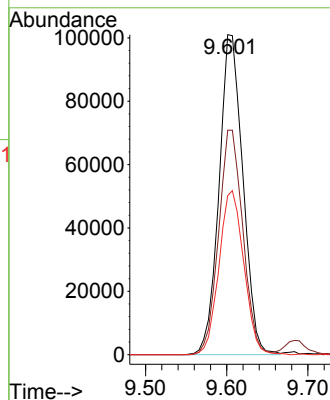
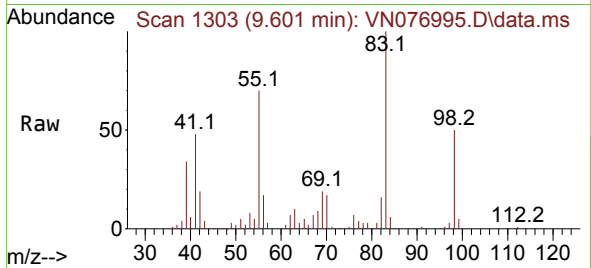




#39
Methylcyclohexane
Concen: 43.862 ug/l
RT: 9.601 min Scan# 11303
Delta R.T. -0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

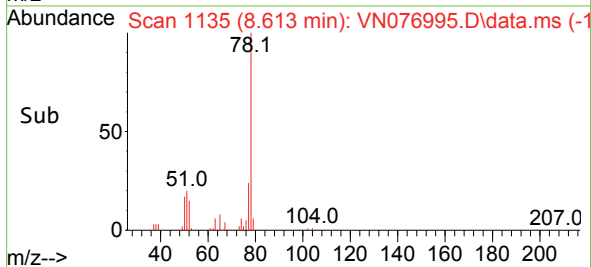
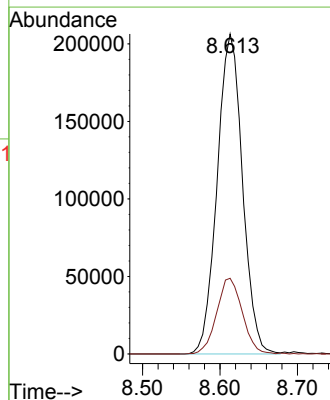
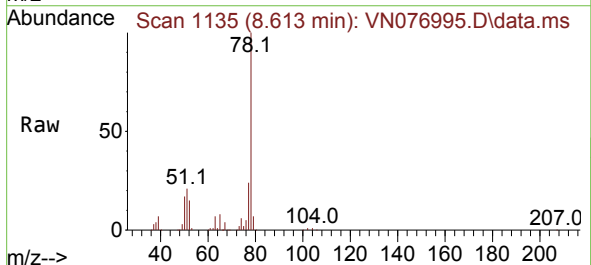
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

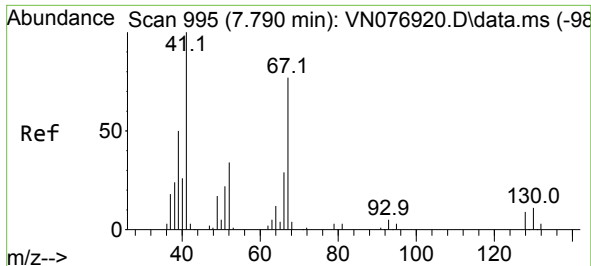
Tgt Ion: 83 Resp: 206386
Ion Ratio Lower Upper
83 100
55 70.2 47.0 70.4
98 49.7 39.4 59.0



#40
Benzene
Concen: 41.027 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 78 Resp: 468761
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

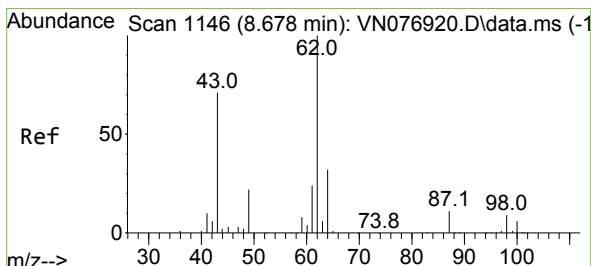
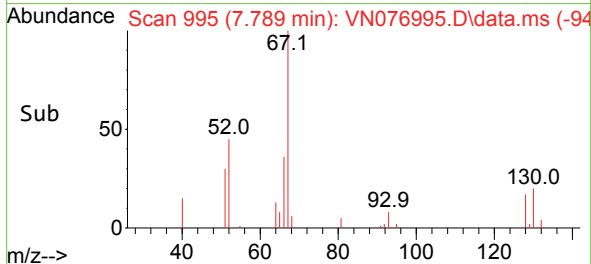
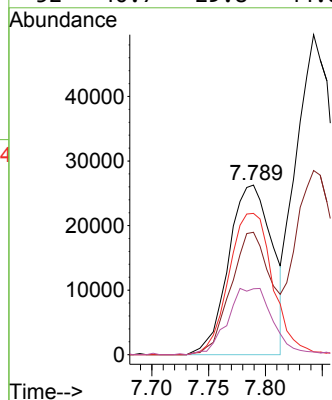
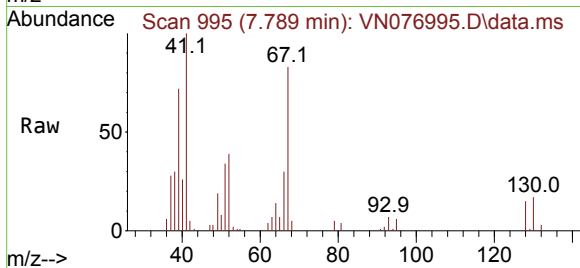




#41
Methacrylonitrile
Concen: 37.924 ug/l
RT: 7.789 min Scan# 995
Delta R.T. -0.001 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

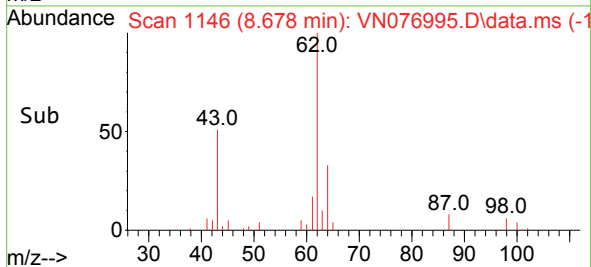
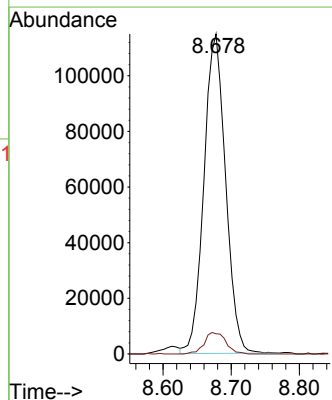
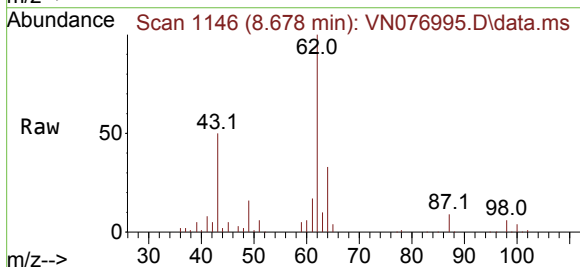
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

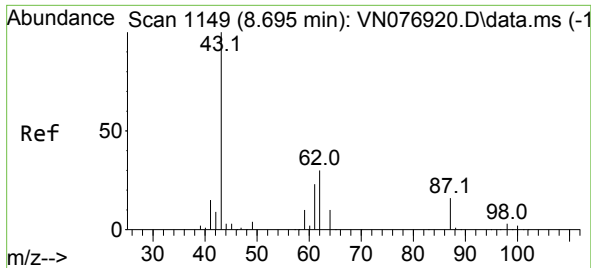
Tgt Ion:	41	Resp:	69954
Ion	Ratio	Lower	Upper
41	100		
39	66.8	43.4	65.0#
67	84.6	78.6	118.0
52	40.7	29.8	44.8



#42
1,2-Dichloroethane
Concen: 56.959 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion:	62	Resp:	253849
Ion	Ratio	Lower	Upper
62	100		
98	6.7	0.0	21.8

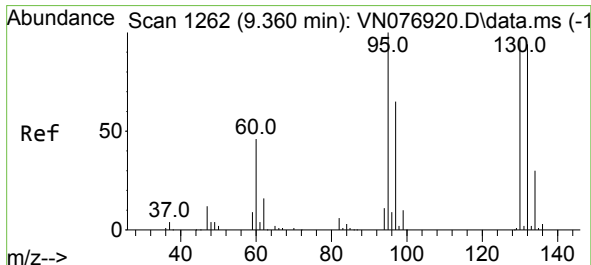
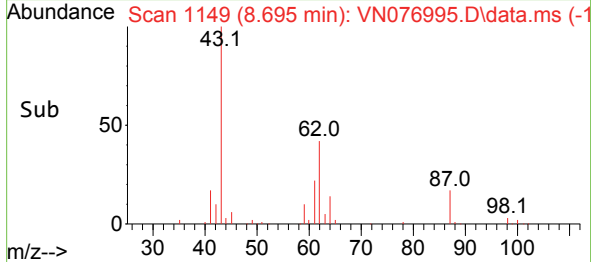
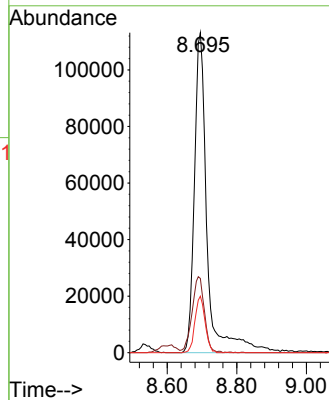
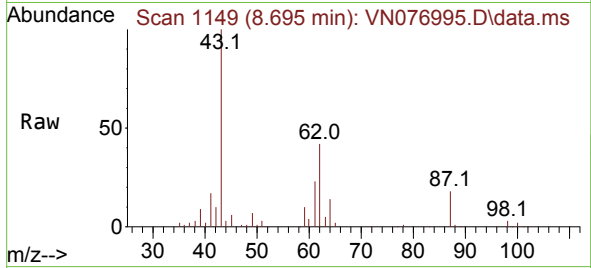




#43
Isopropyl Acetate
Concen: 52.421 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

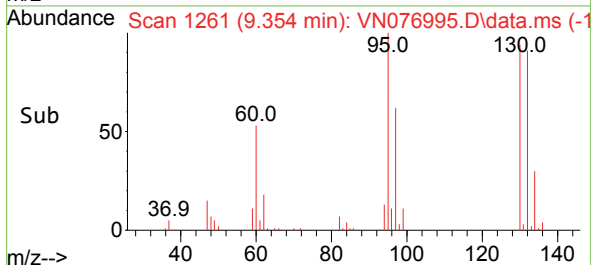
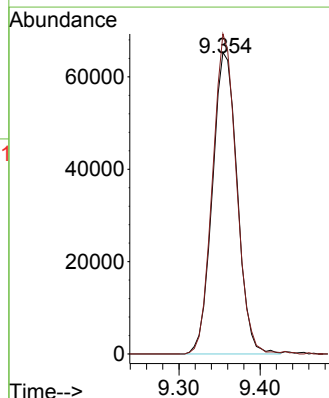
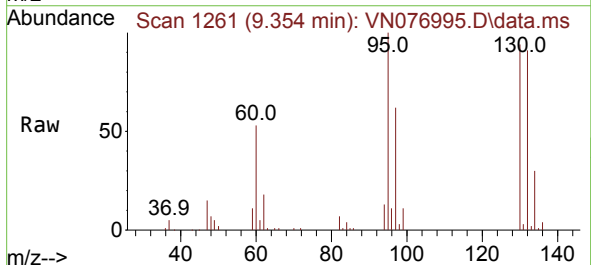
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

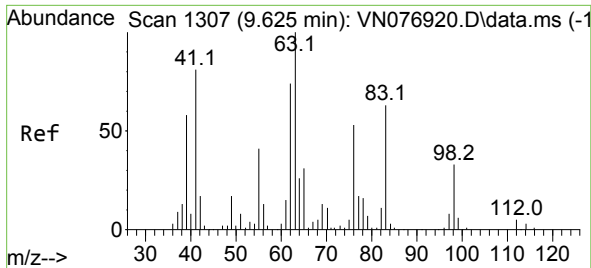
Tgt Ion: 43 Resp: 286855
Ion Ratio Lower Upper
43 100
61 23.2 26.2 39.2#
87 14.1 14.8 22.2#



#44
Trichloroethene
Concen: 46.912 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion:130 Resp: 138524
Ion Ratio Lower Upper
130 100
95 106.1 0.0 208.6

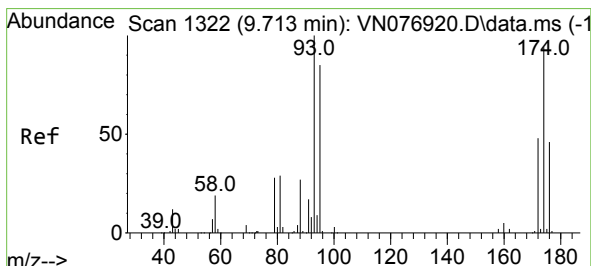
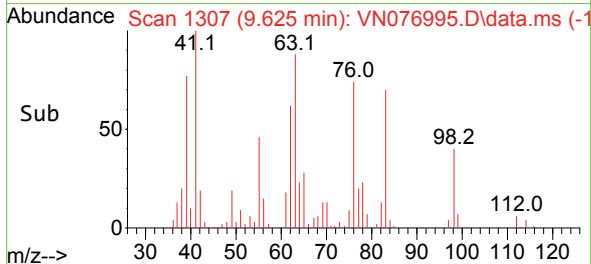
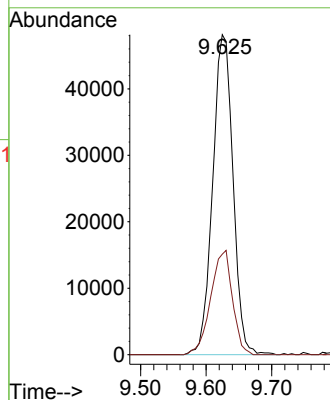
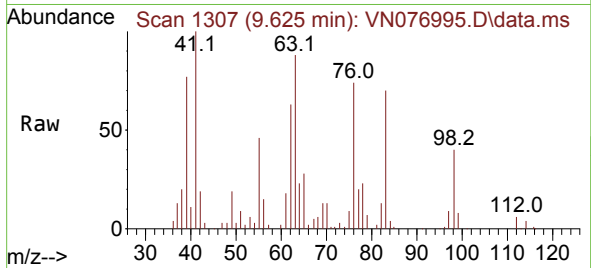




#45
1,2-Dichloropropane
Concen: 36.825 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

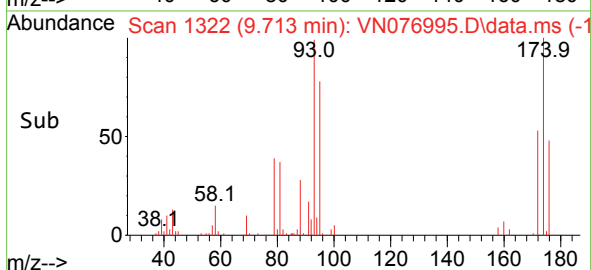
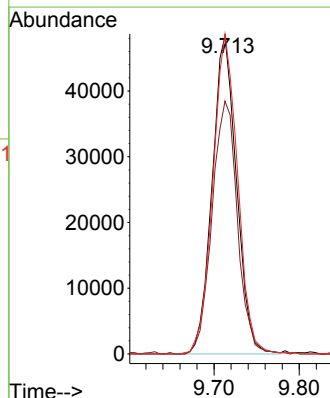
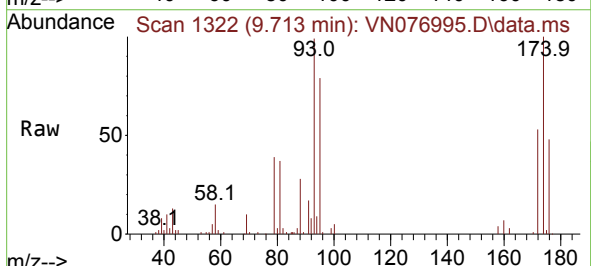
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

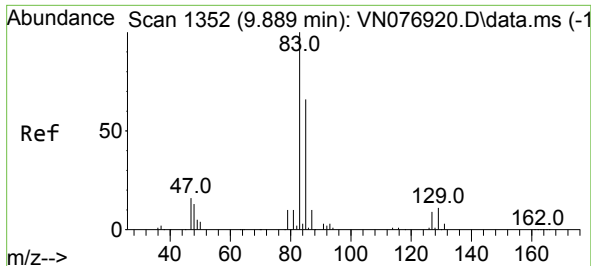
Tgt Ion: 63 Resp: 103522
Ion Ratio Lower Upper
63 100
65 31.4 25.0 37.6



#46
Dibromomethane
Concen: 48.739 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 93 Resp: 95691
Ion Ratio Lower Upper
93 100
95 83.1 65.7 98.5
174 102.6 69.3 103.9

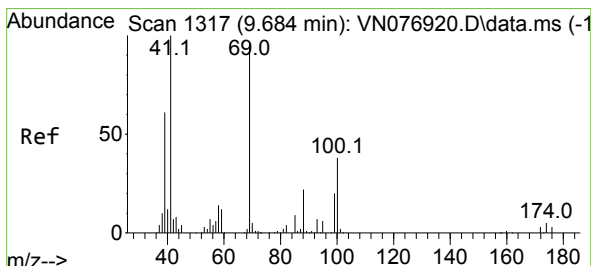
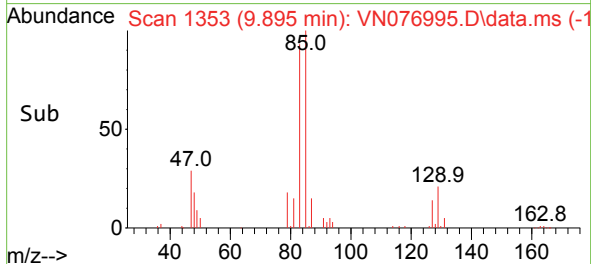
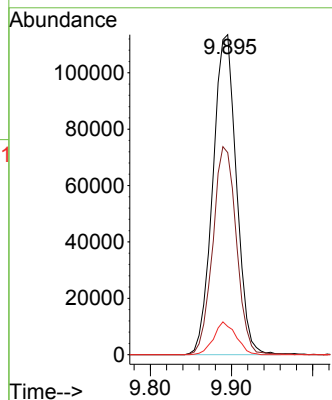
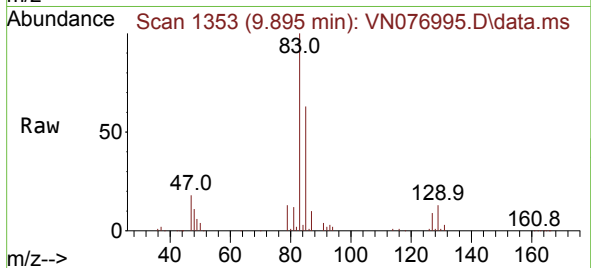




#47
Bromodichloromethane
Concen: 54.991 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

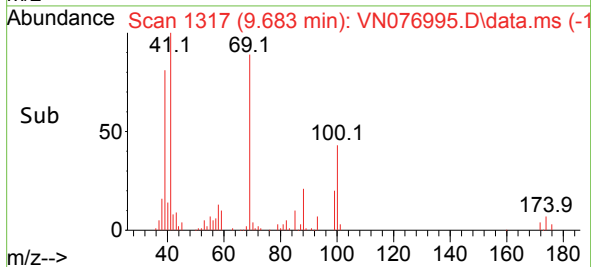
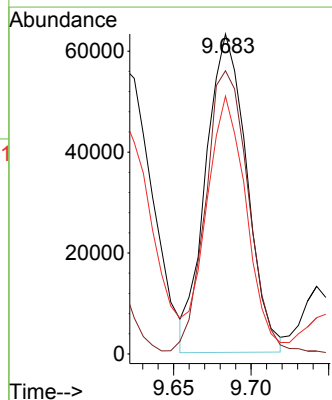
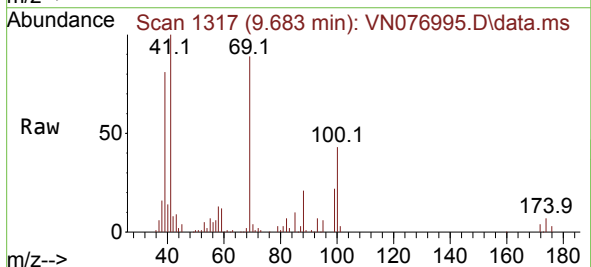
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

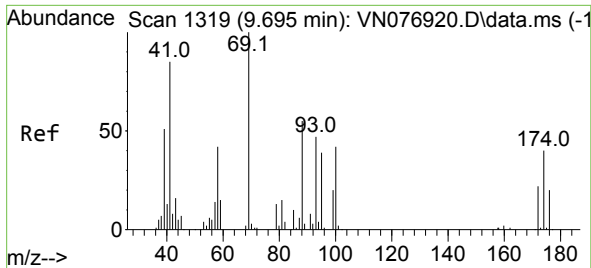
Tgt Ion: 83 Resp: 229047
Ion Ratio Lower Upper
83 100
85 63.1 52.6 78.8
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 43.248 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 41 Resp: 115956
Ion Ratio Lower Upper
41 100
69 94.0 92.6 139.0
39 80.3 51.4 77.0#





#49

1,4-Dioxane

Concen: 945.074 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

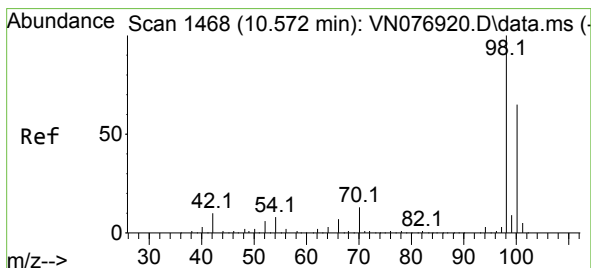
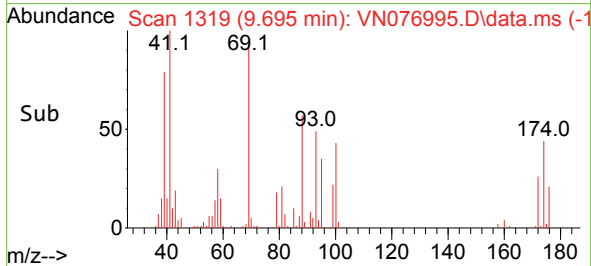
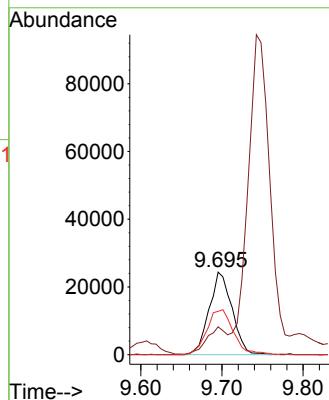
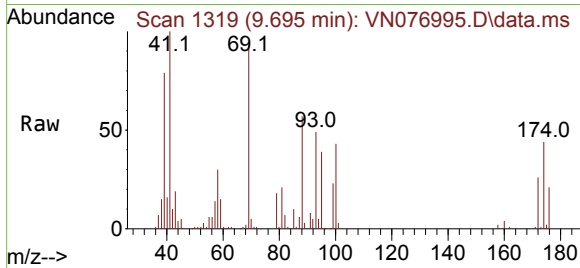
Tgt Ion: 88 Resp: 47980

Ion Ratio Lower Upper

88 100

43 28.2 15.3 22.9#

58 63.1 47.6 71.4



#50

Toluene-d8

Concen: 51.426 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076995.D

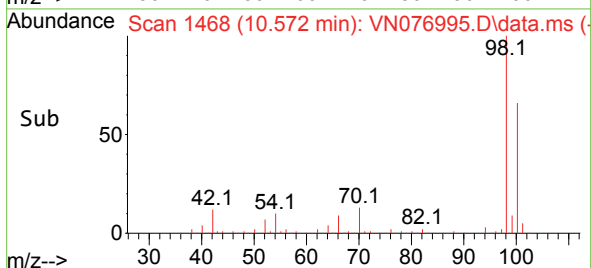
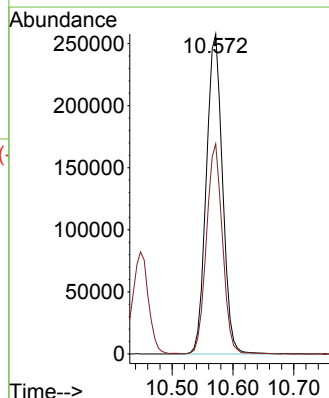
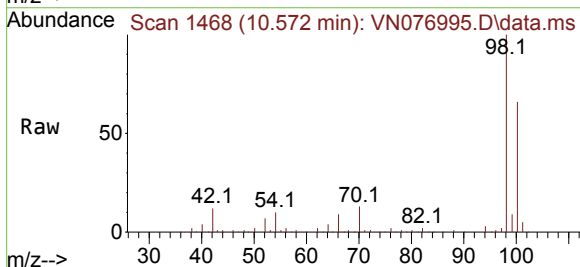
Acq: 14 Mar 2023 20:22

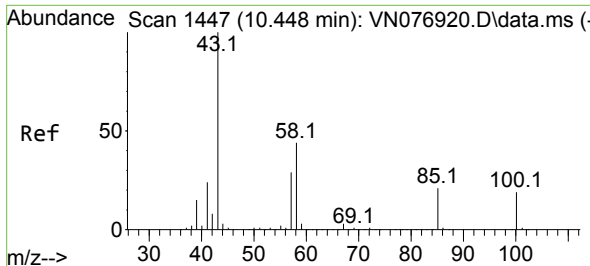
Tgt Ion: 98 Resp: 475012

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 196.192 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

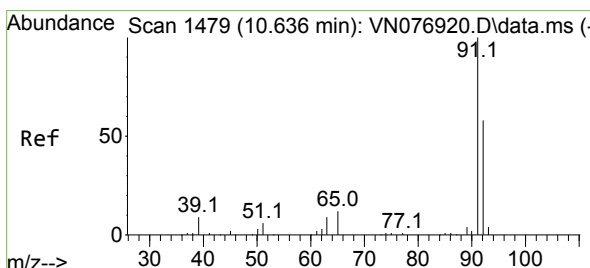
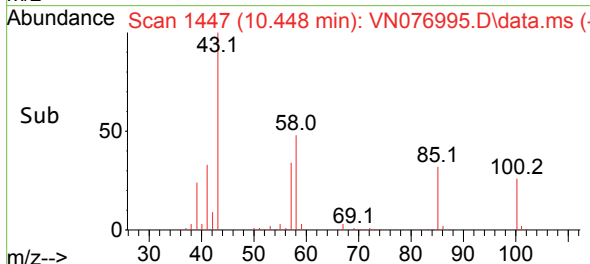
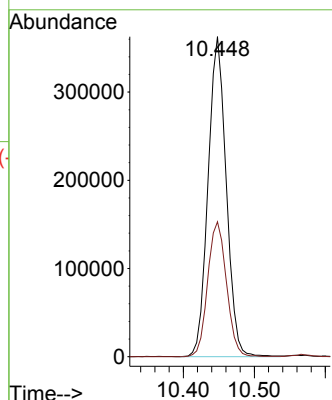
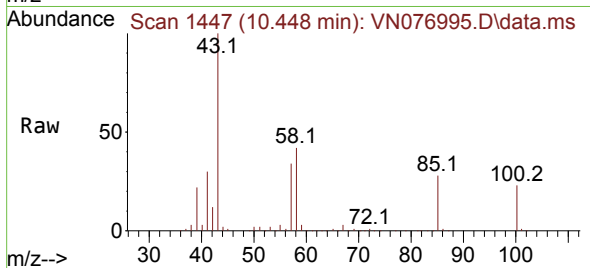
VSTDCCC050EC

Tgt Ion: 43 Resp: 644925

Ion Ratio Lower Upper

43 100

58 43.6 37.4 56.0



#52

Toluene

Concen: 46.184 ug/l

RT: 10.636 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VN076995.D

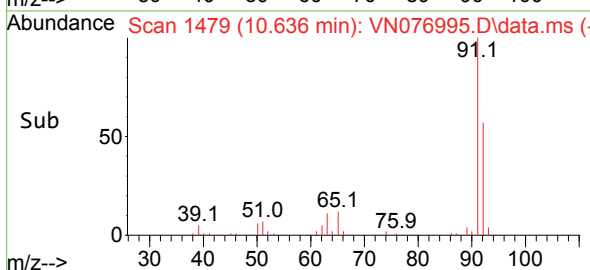
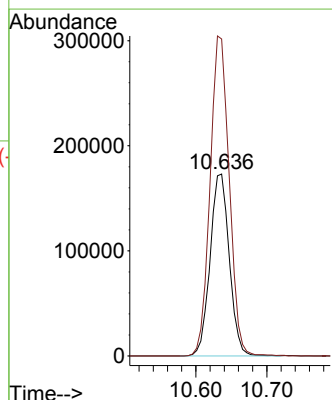
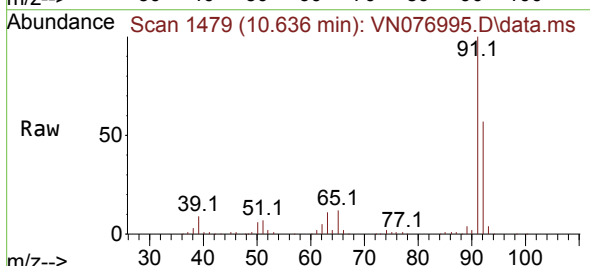
Acq: 14 Mar 2023 20:22

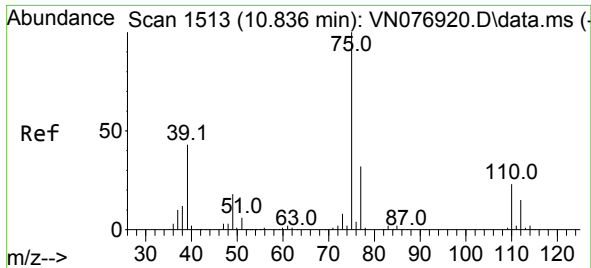
Tgt Ion: 92 Resp: 324773

Ion Ratio Lower Upper

92 100

91 175.4 138.2 207.2

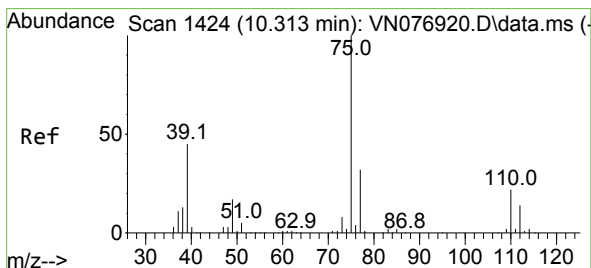
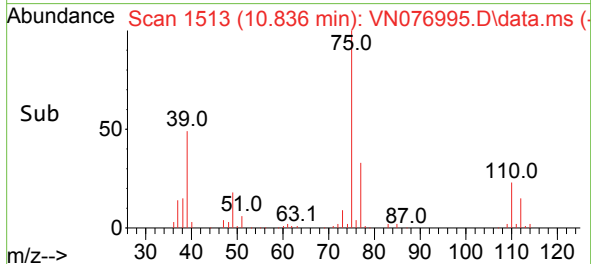
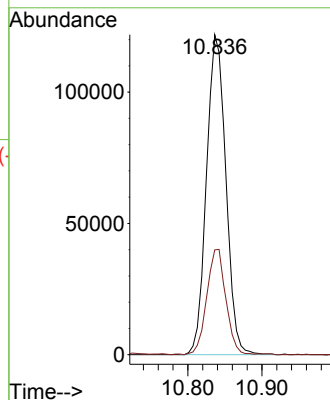
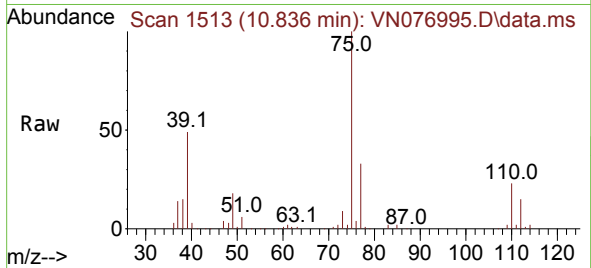




#53
 t-1,3-Dichloropropene
 Concen: 53.385 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

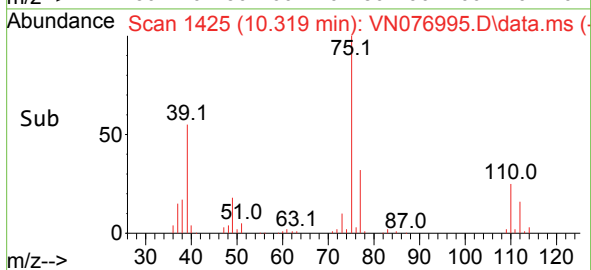
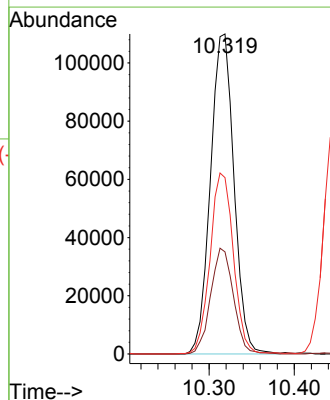
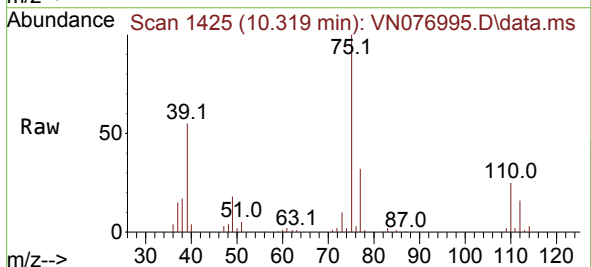
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

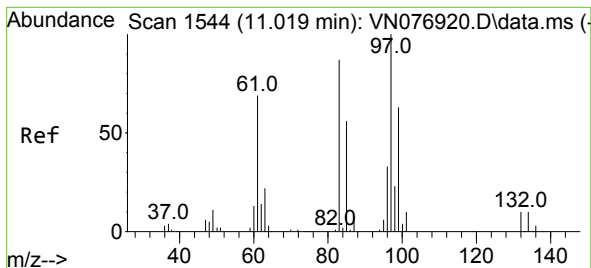
Tgt Ion: 75 Resp: 221683
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 46.273 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Tgt Ion: 75 Resp: 211018
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 55.0 29.7 44.5#





#55

1,1,2-Trichloroethane

Concen: 44.859 ug/l

RT: 11.019 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 122735

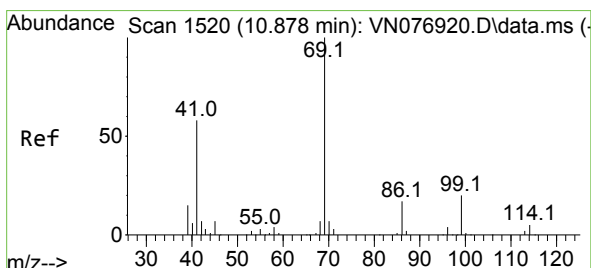
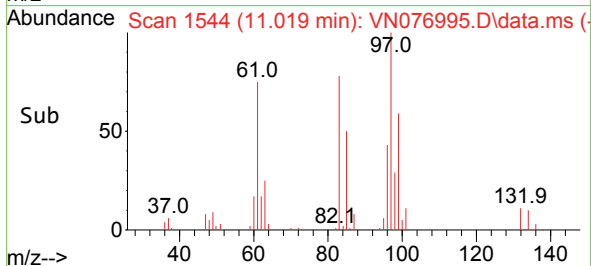
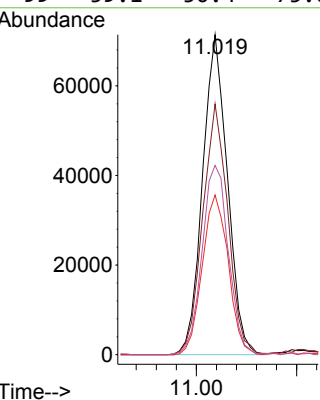
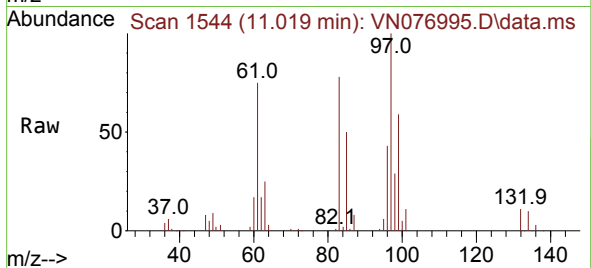
Ion Ratio Lower Upper

97 100

83 78.3 67.1 100.7

85 49.9 41.8 62.8

99 59.1 50.4 75.6



#56

Ethyl methacrylate

Concen: 45.234 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

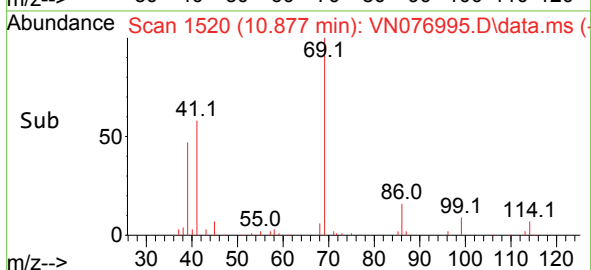
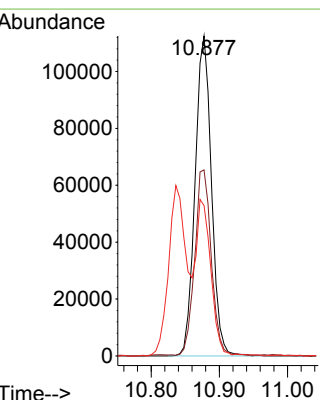
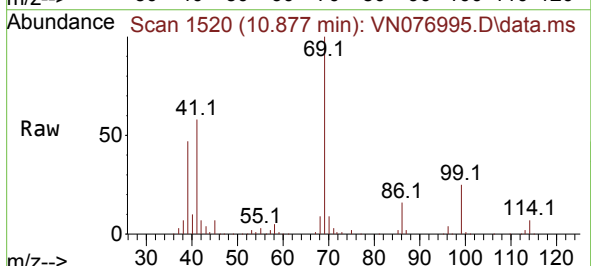
Tgt Ion: 69 Resp: 187716

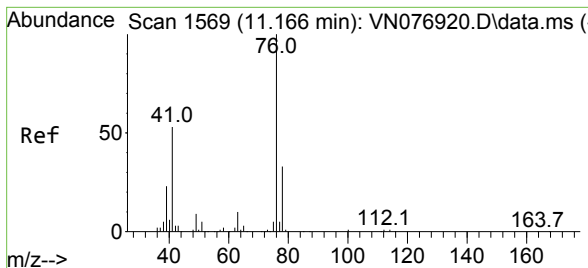
Ion Ratio Lower Upper

69 100

41 58.6 38.0 57.0#

39 44.0 22.4 33.6#

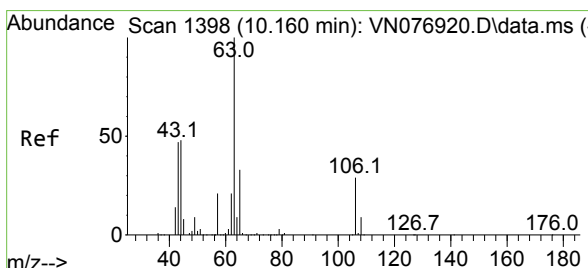
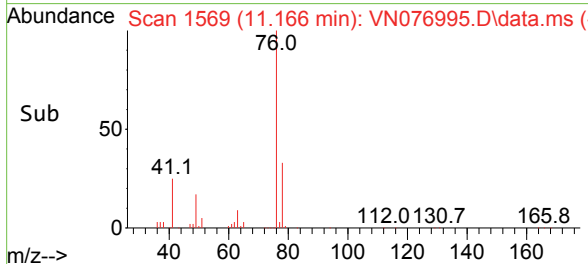
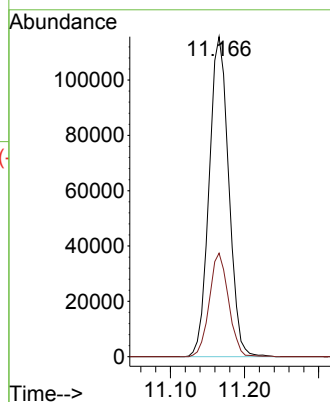
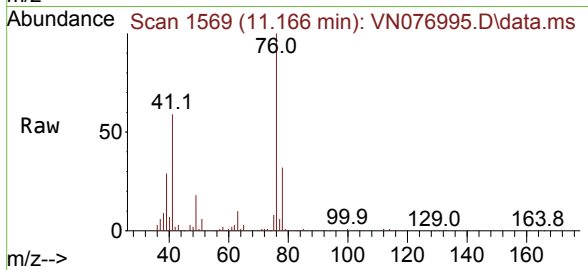




#57
1,3-Dichloropropane
Concen: 43.991 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

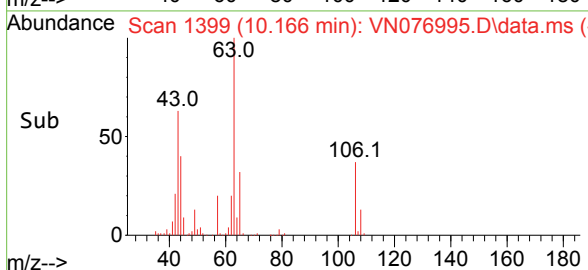
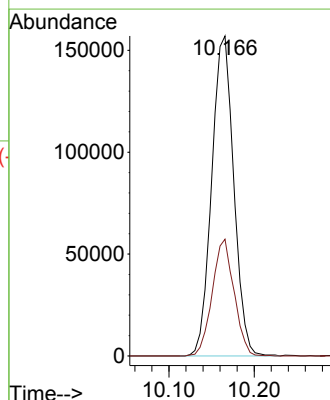
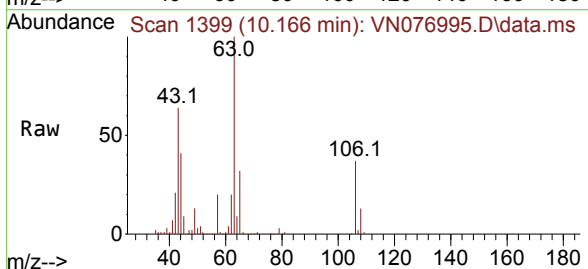
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

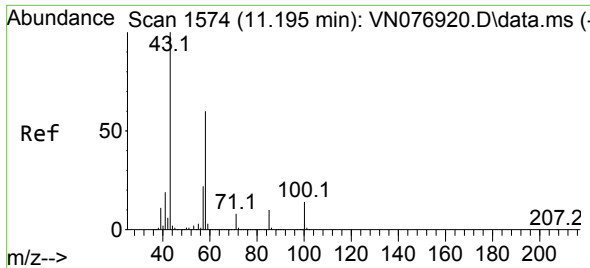
Tgt Ion: 76 Resp: 212236
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 213.623 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 63 Resp: 282301
Ion Ratio Lower Upper
63 100
106 36.1 25.6 38.4

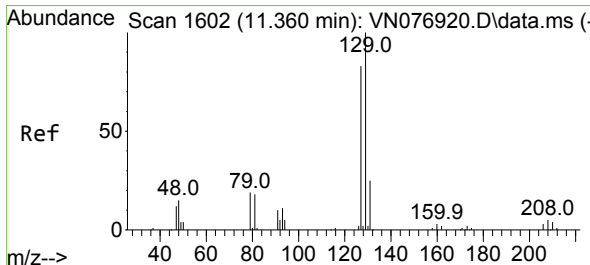
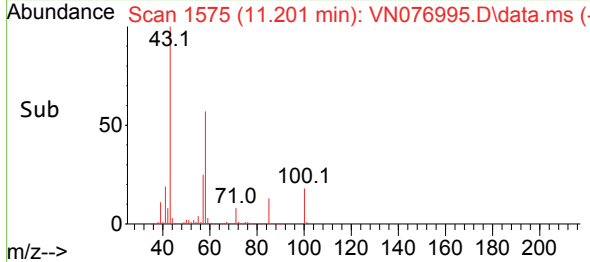
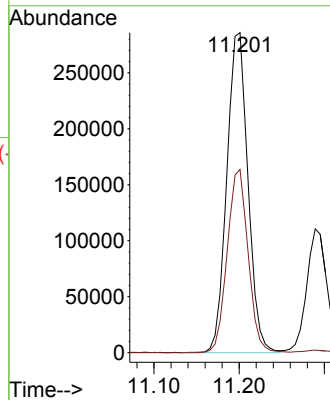
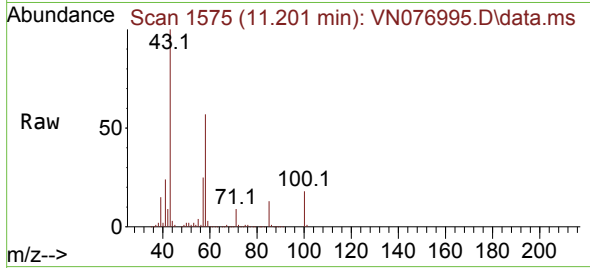




#59
2-Hexanone
Concen: 206.268 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

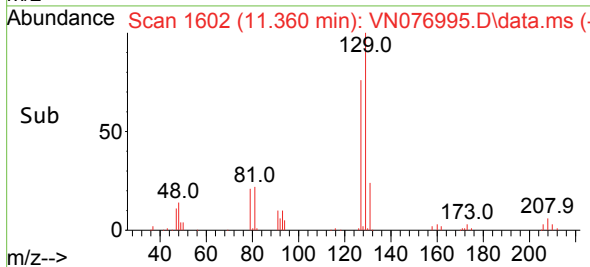
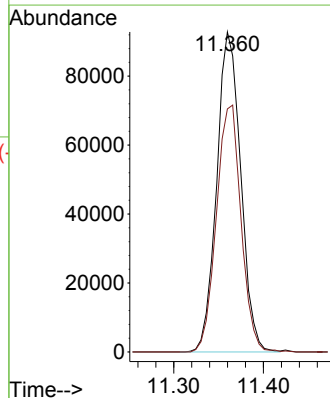
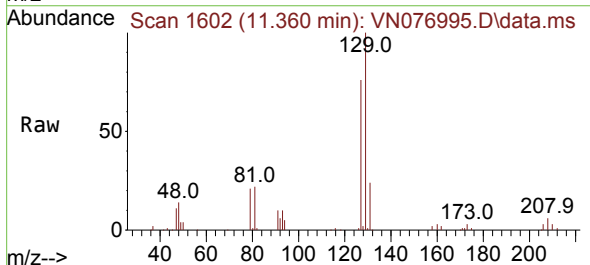
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

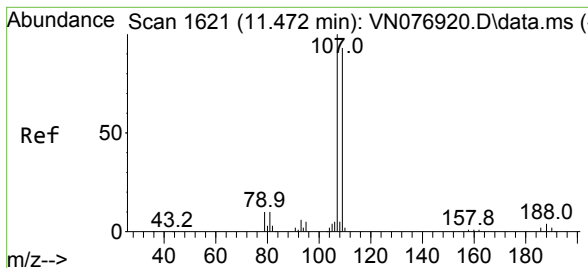
Tgt Ion: 43 Resp: 494386
Ion Ratio Lower Upper
43 100
58 56.5 32.6 98.0



#60
Dibromochloromethane
Concen: 57.204 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion:129 Resp: 172434
Ion Ratio Lower Upper
129 100
127 79.2 39.6 118.8

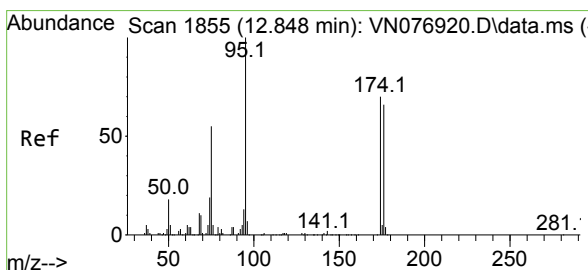
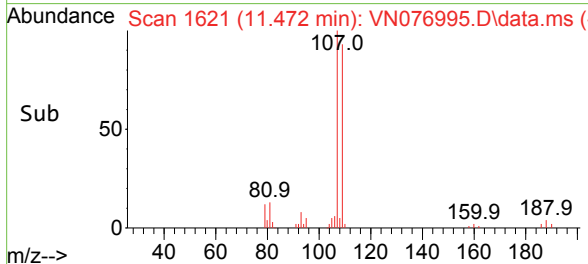
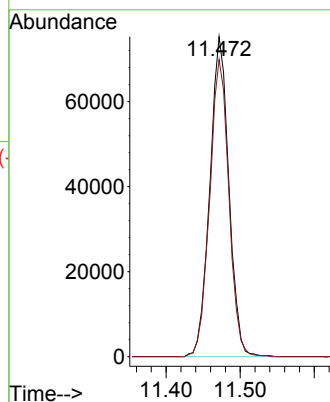
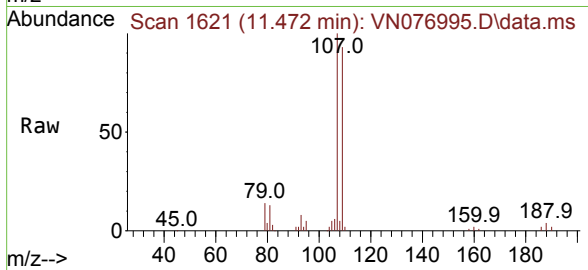




#61
1,2-Dibromoethane
Concen: 48.967 ug/l
RT: 11.472 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

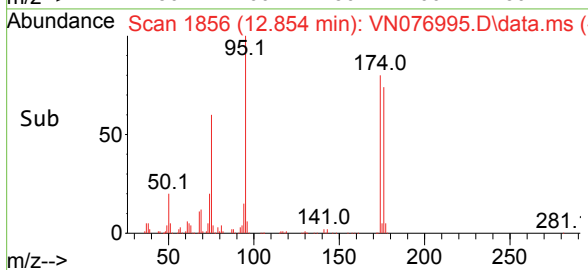
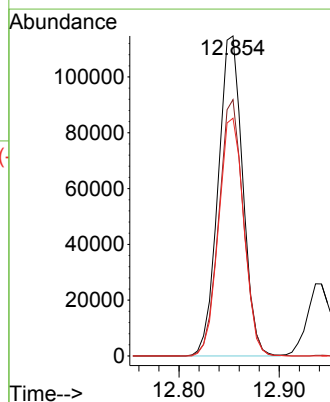
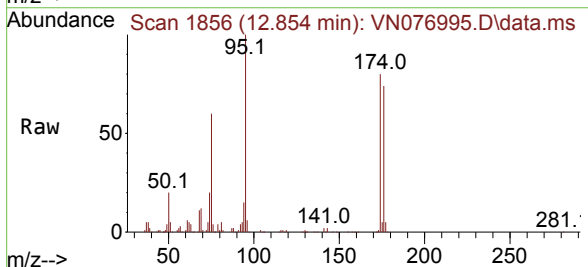
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

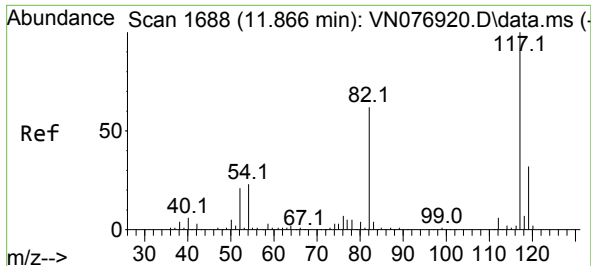
Tgt Ion:107 Resp: 134281
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 57.828 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 95 Resp: 195376
Ion Ratio Lower Upper
95 100
174 80.1 0.0 162.4
176 76.2 0.0 157.4

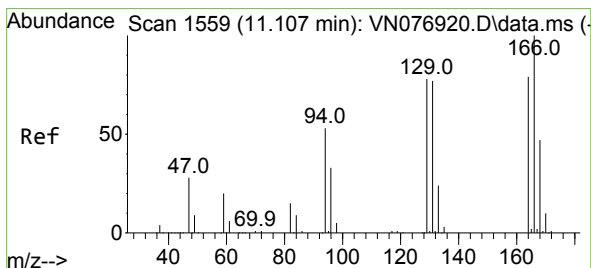
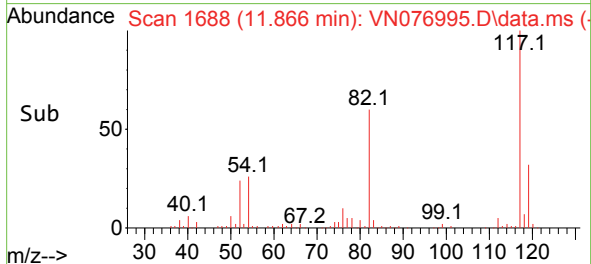
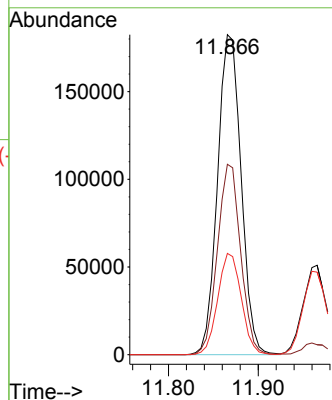
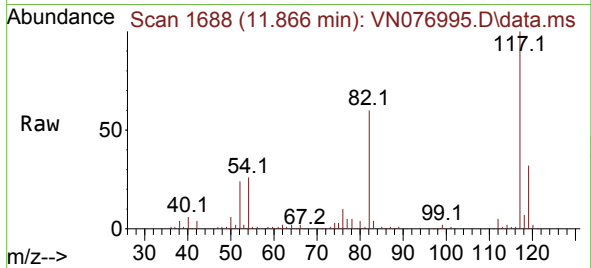




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

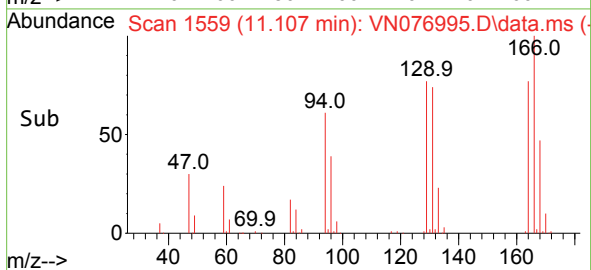
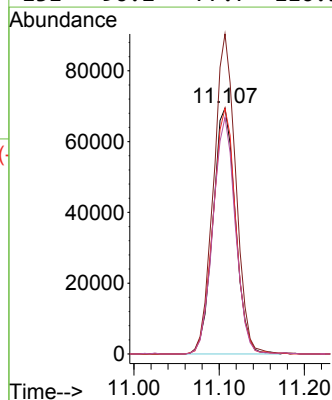
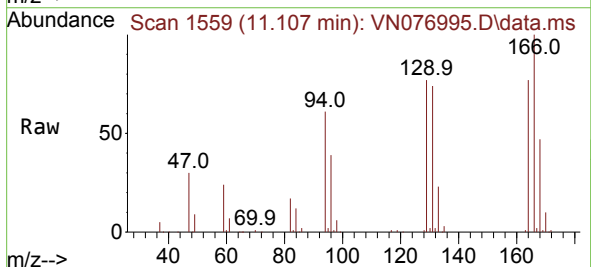
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

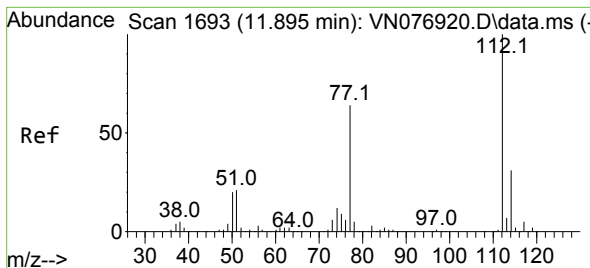
Tgt Ion:117 Resp: 333183
Ion Ratio Lower Upper
117 100
82 59.5 43.5 65.3
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 47.205 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion:164 Resp: 127292
Ion Ratio Lower Upper
164 100
166 130.2 102.7 154.1
129 100.0 81.5 122.3
131 96.2 77.7 116.5





#65

Chlorobenzene

Concen: 48.243 ug/l

RT: 11.895 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

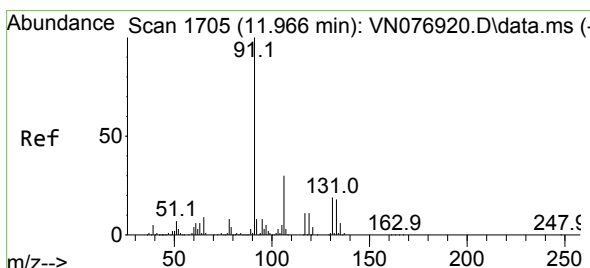
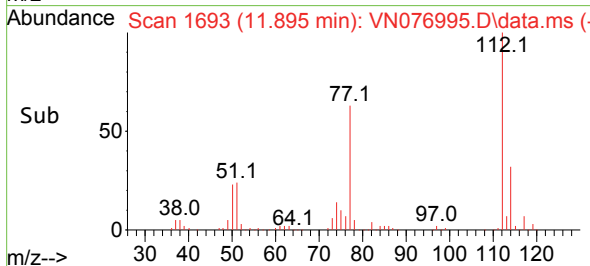
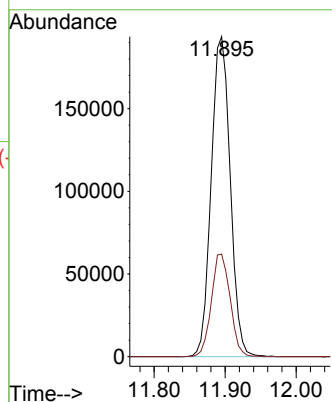
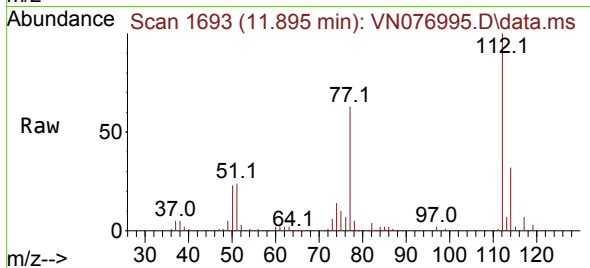
VSTDCCC050EC

Tgt Ion:112 Resp: 359538

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 56.817 ug/l

RT: 11.960 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

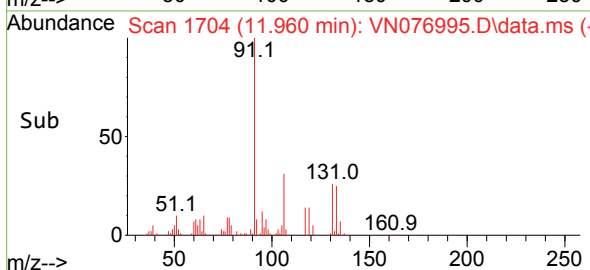
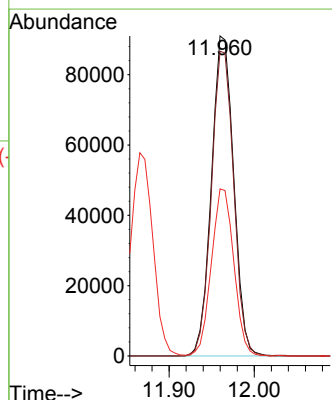
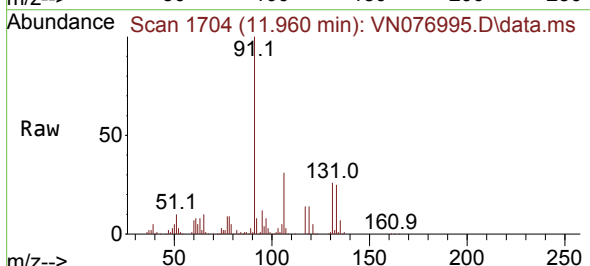
Tgt Ion:131 Resp: 165303

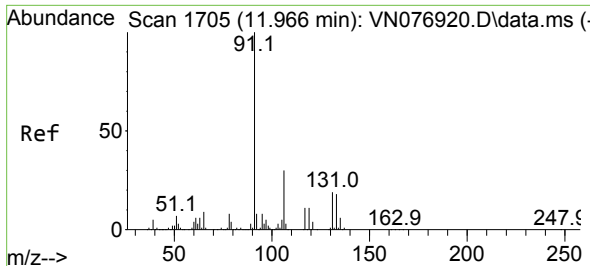
Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.8

119 52.7 33.1 99.2





#67

Ethyl Benzene

Concen: 50.433 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

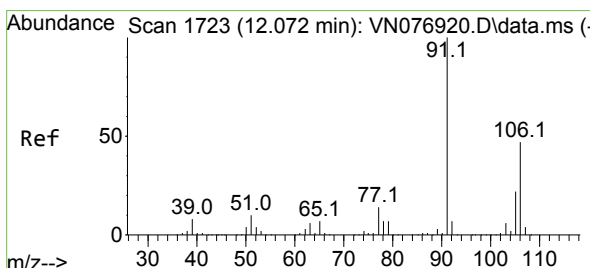
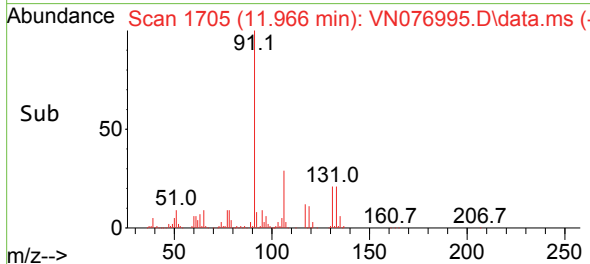
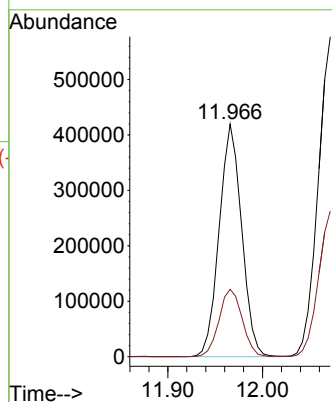
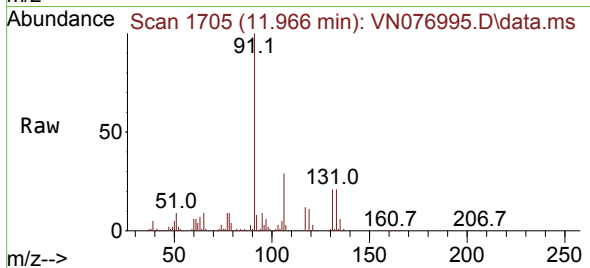
VSTDCCC050EC

Tgt Ion: 91 Resp: 691146

Ion Ratio Lower Upper

91 100

106 29.0 25.1 37.7



#68

m/p-Xylenes

Concen: 100.674 ug/l

RT: 12.072 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VN076995.D

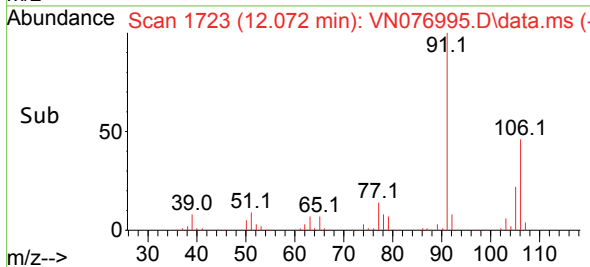
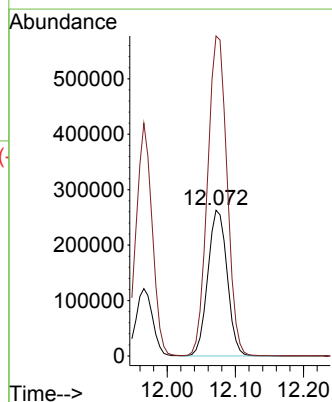
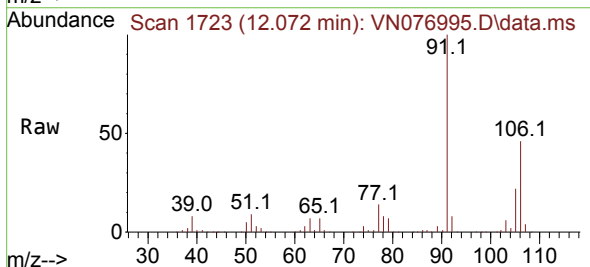
Acq: 14 Mar 2023 20:22

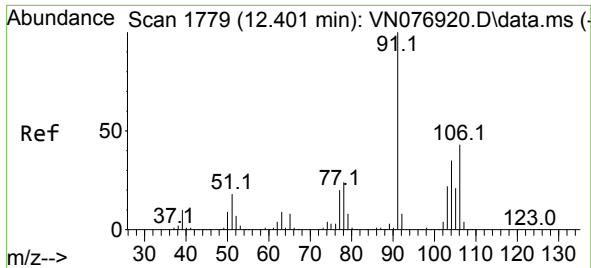
Tgt Ion: 106 Resp: 518549

Ion Ratio Lower Upper

106 100

91 221.7 158.0 237.0

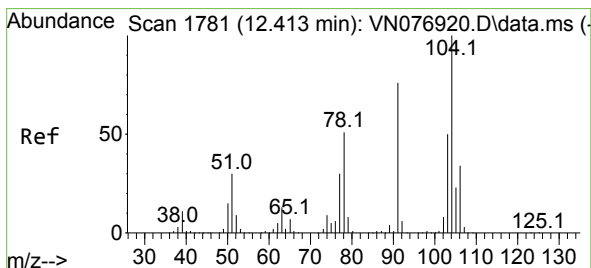
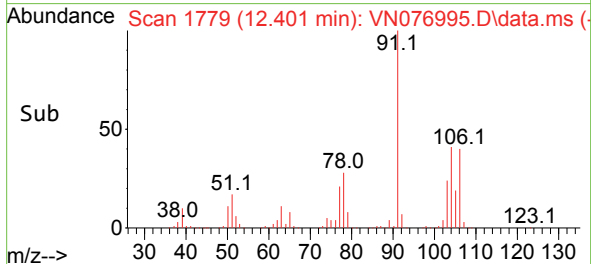
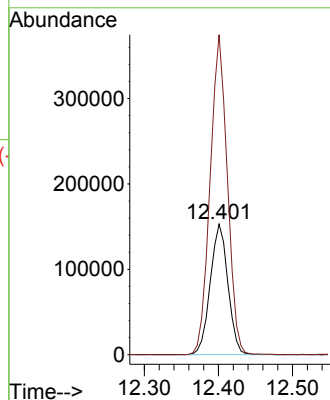
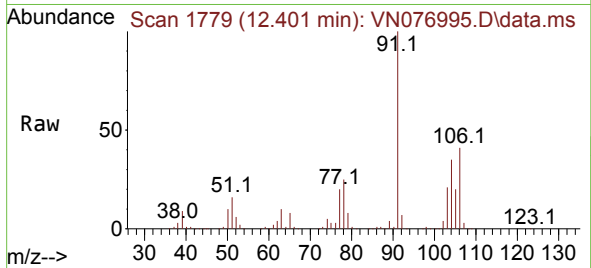




#69
o-Xylene
Concen: 50.615 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

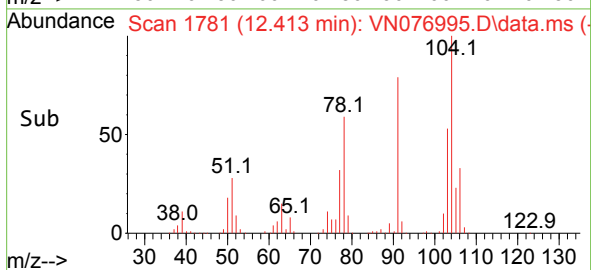
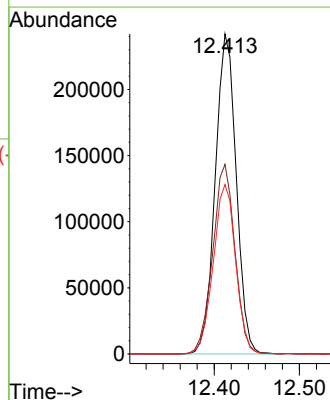
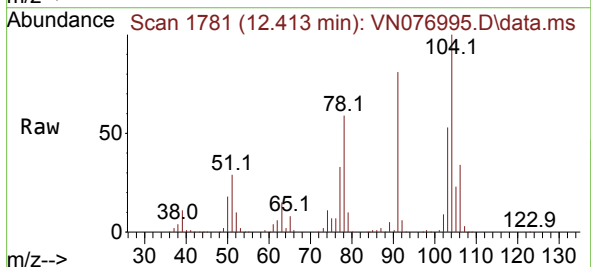
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

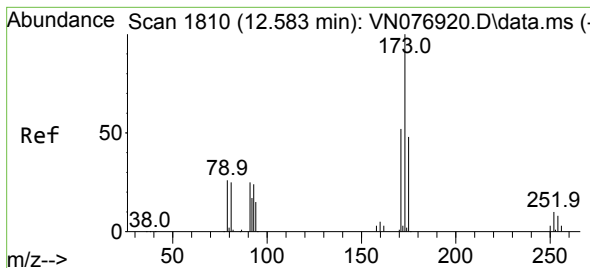
Tgt Ion:106 Resp: 253102
Ion Ratio Lower Upper
106 100
91 239.3 101.8 305.4



#70
Styrene
Concen: 51.366 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion:104 Resp: 414960
Ion Ratio Lower Upper
104 100
78 62.6 36.6 55.0#
103 56.4 43.4 65.0





#71

Bromoform

Concen: 62.553 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

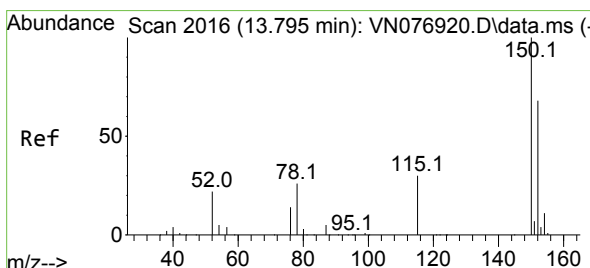
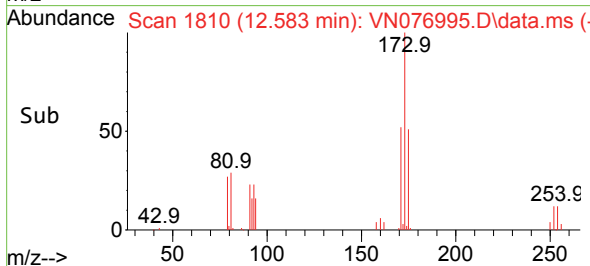
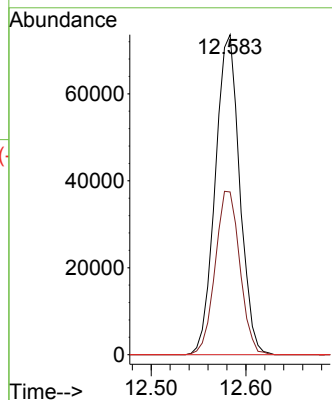
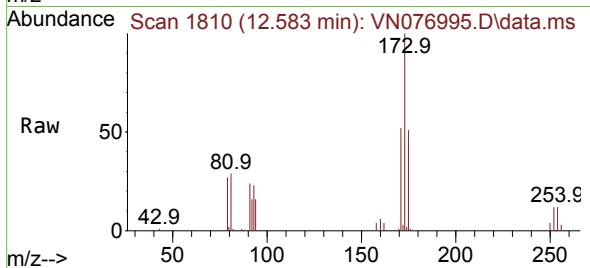
Tgt Ion:173 Resp: 131889

Ion Ratio Lower Upper

173 100

175 51.7 24.9 74.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

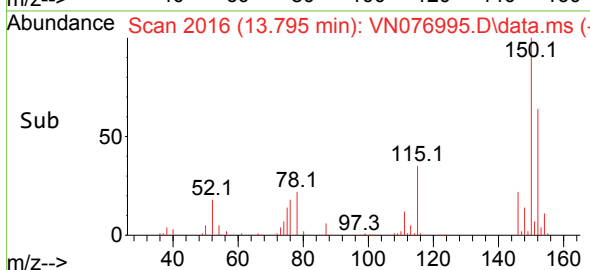
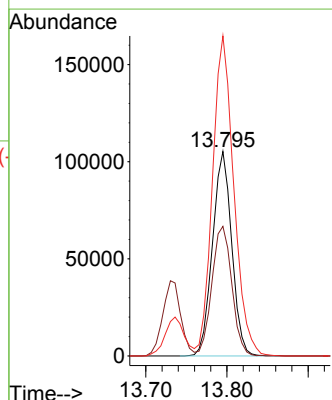
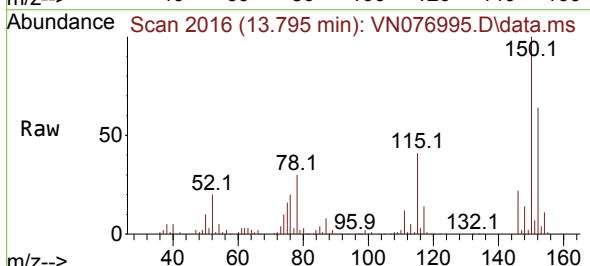
Tgt Ion:152 Resp: 173182

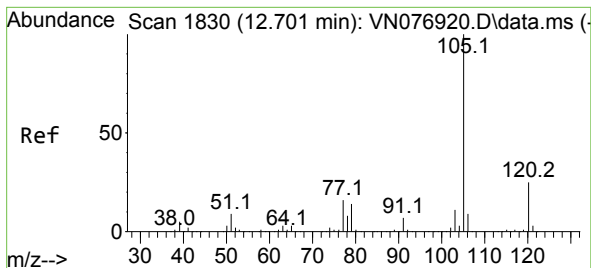
Ion Ratio Lower Upper

152 100

115 65.8 30.3 90.9

150 173.2 0.0 353.6





#73

Isopropylbenzene

Concen: 46.775 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.006 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

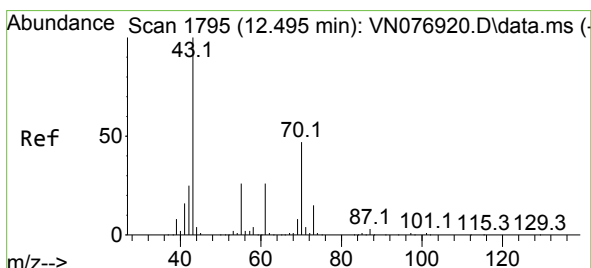
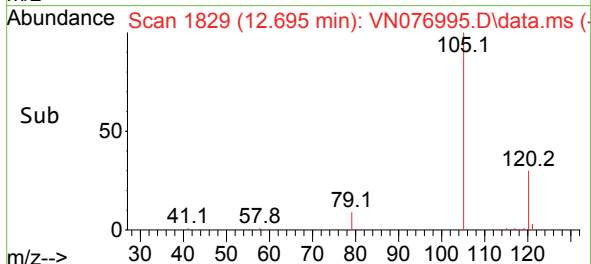
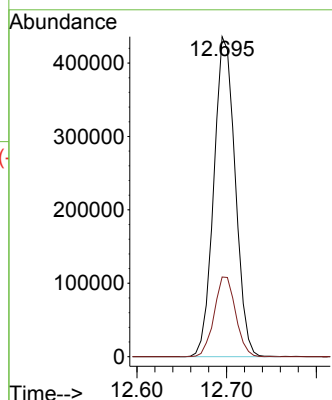
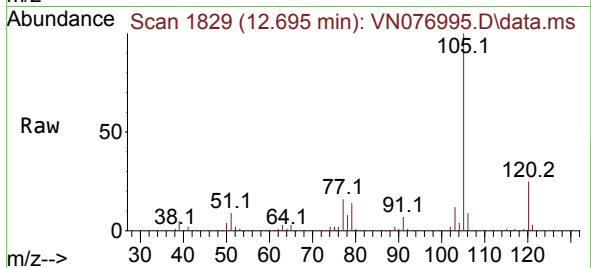
VSTDCCC050EC

Tgt Ion:105 Resp: 721814

Ion Ratio Lower Upper

105 100

120 25.0 13.8 41.4



#74

N-ethyl acetate

Concen: 38.539 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Tgt Ion: 43 Resp: 196909

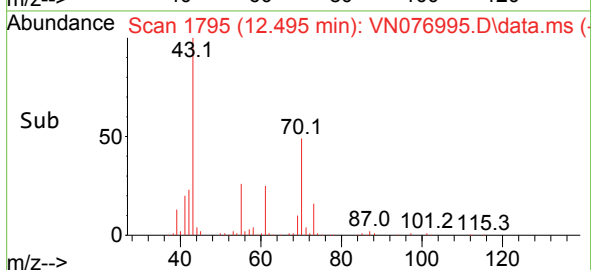
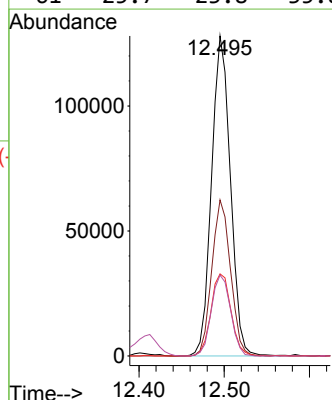
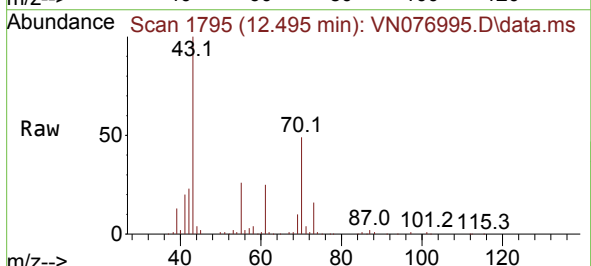
Ion Ratio Lower Upper

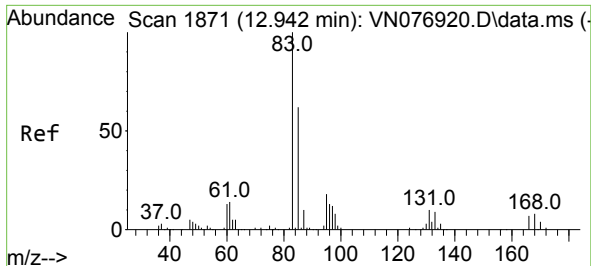
43 100

70 48.5 46.8 70.2

55 27.3 23.4 35.2

61 25.7 23.8 35.8

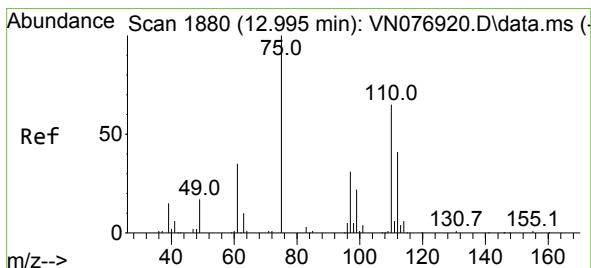
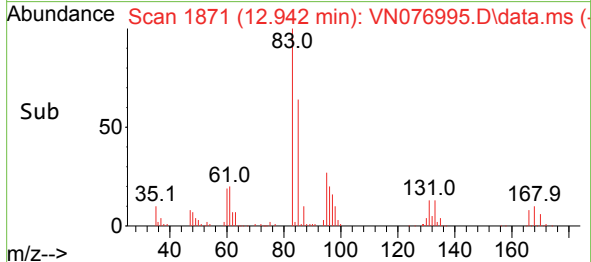
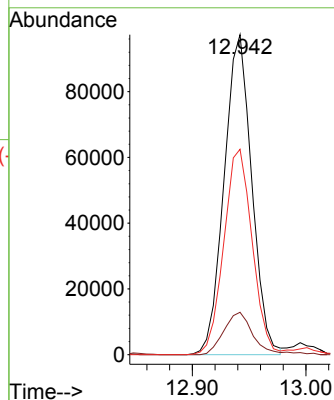
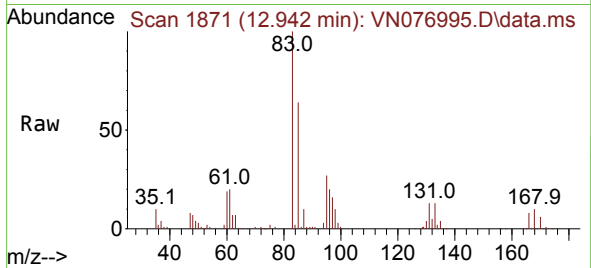




#75
1,1,2,2-Tetrachloroethane
Concen: 36.217 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

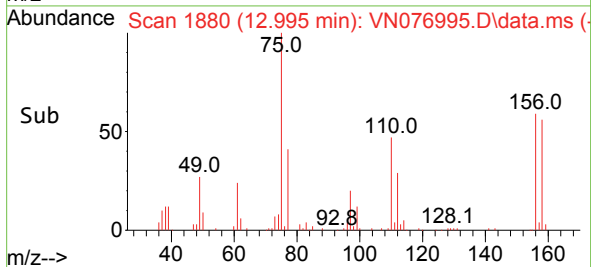
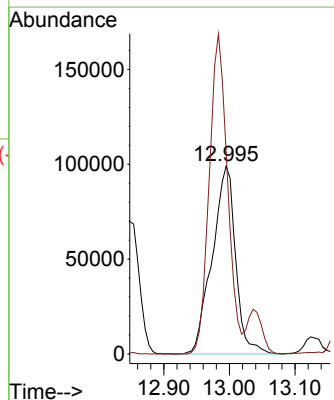
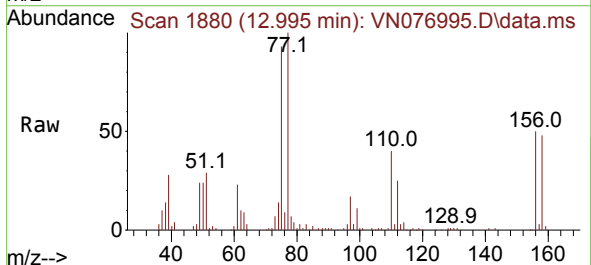
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

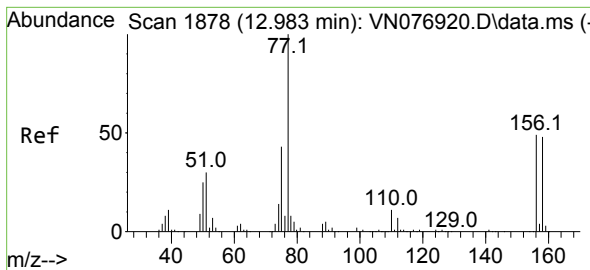
Tgt Ion: 83 Resp: 164451
Ion Ratio Lower Upper
83 100
131 14.2 5.3 16.1
85 65.9 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 58.322 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 75 Resp: 244876
Ion Ratio Lower Upper
75 100
77 133.3 93.8 281.4





#77

Bromobenzene

Concen: 48.462 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

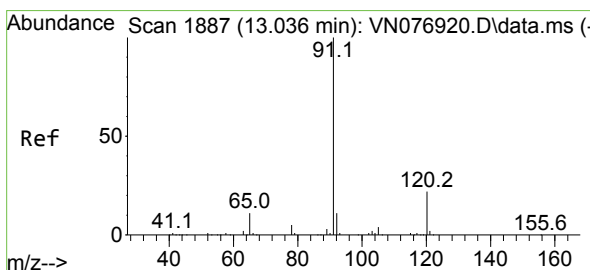
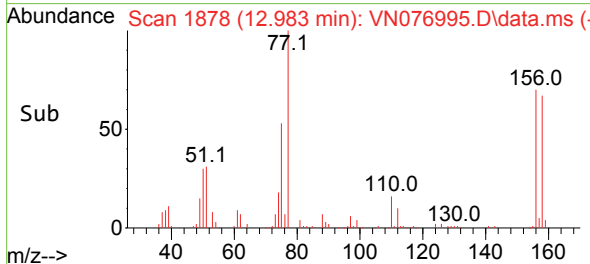
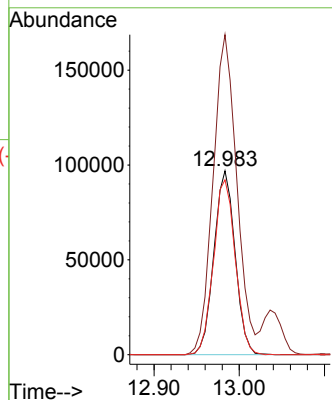
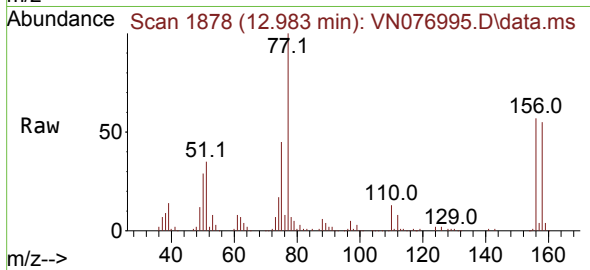
Tgt Ion:156 Resp: 167185

Ion Ratio Lower Upper

156 100

77 195.2 101.3 303.7

158 97.8 48.9 146.7



#78

n-propylbenzene

Concen: 46.059 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN076995.D

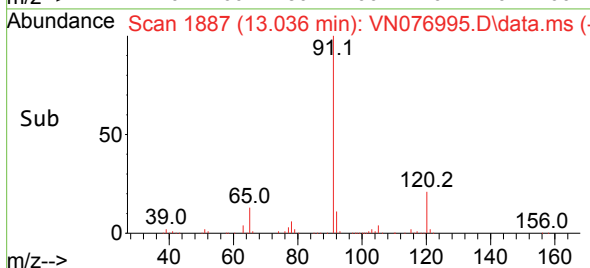
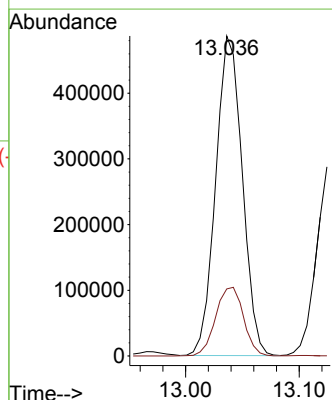
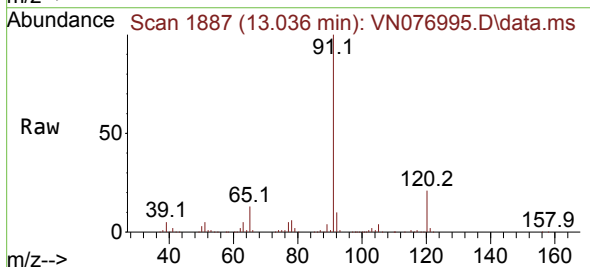
Acq: 14 Mar 2023 20:22

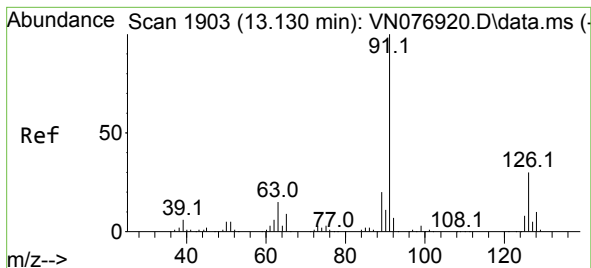
Tgt Ion: 91 Resp: 791484

Ion Ratio Lower Upper

91 100

120 22.5 11.9 35.7





#79

2-Chlorotoluene

Concen: 45.135 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

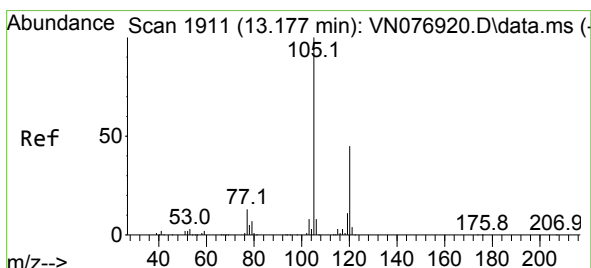
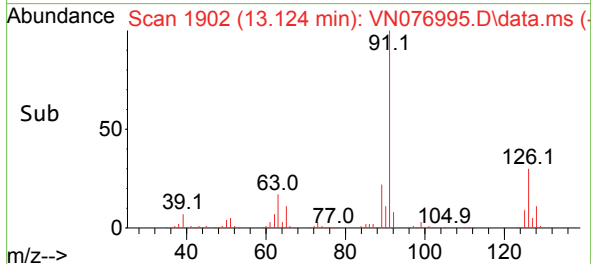
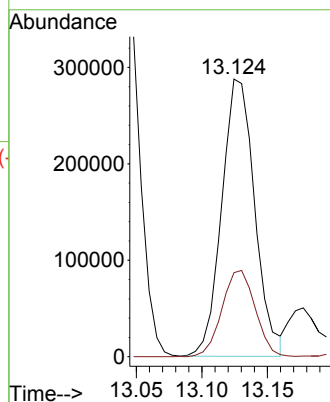
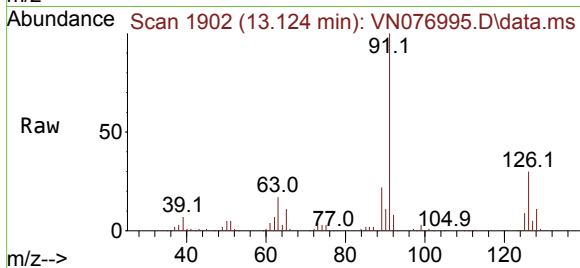
VSTDCCC050EC

Tgt Ion: 91 Resp: 502968

Ion Ratio Lower Upper

91 100

126 31.4 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 49.749 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076995.D

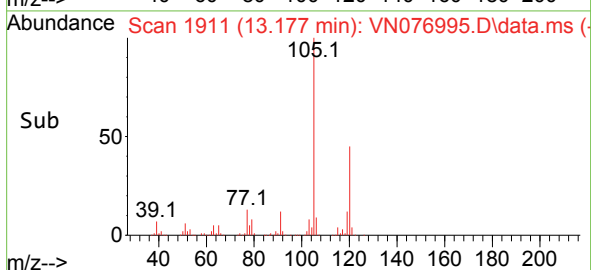
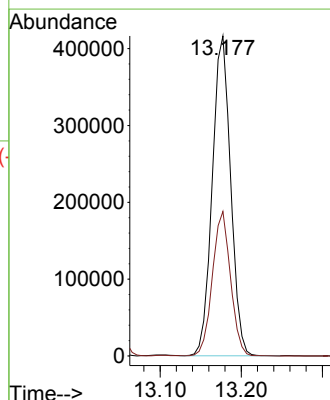
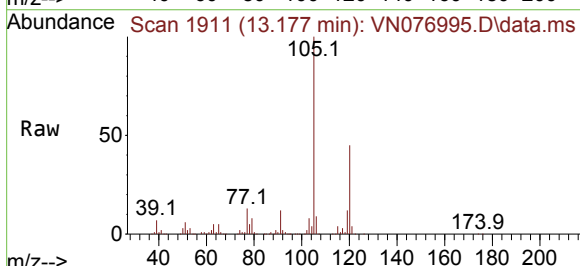
Acq: 14 Mar 2023 20:22

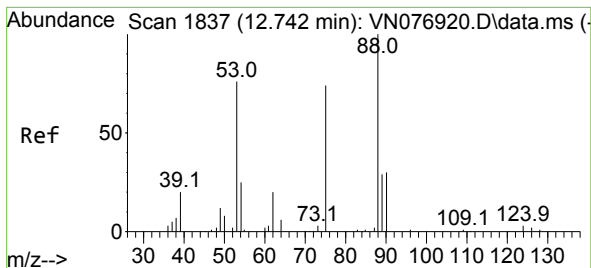
Tgt Ion:105 Resp: 653957

Ion Ratio Lower Upper

105 100

120 44.6 25.2 75.6

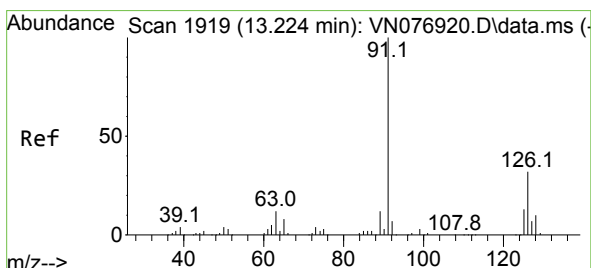
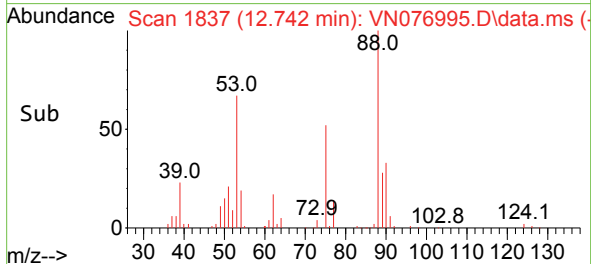
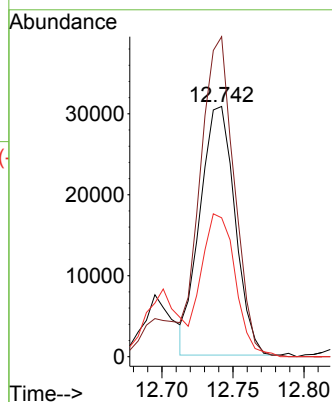
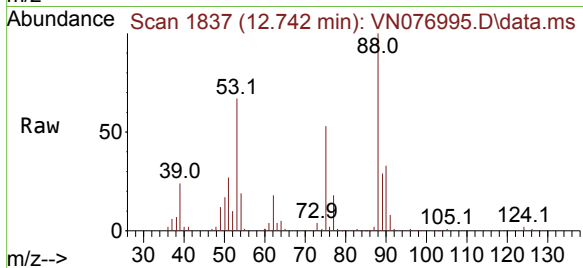




#81
trans-1,4-Dichloro-2-butene
Concen: 40.984 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

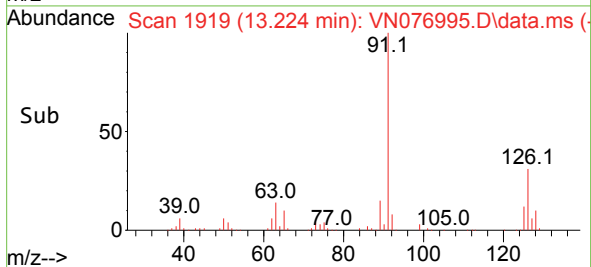
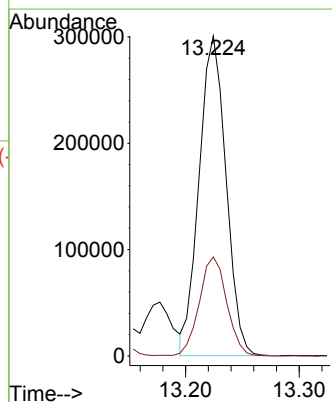
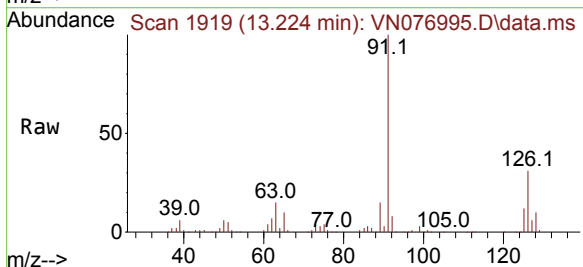
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

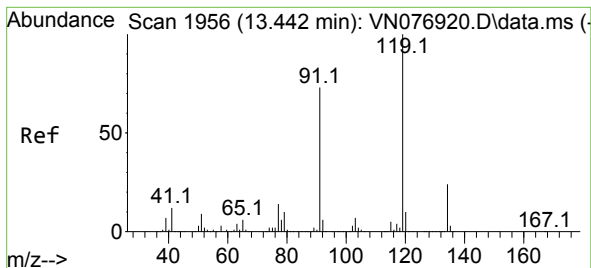
Tgt Ion: 75 Resp: 52680
Ion Ratio Lower Upper
75 100
53 140.5 67.4 101.0#
89 55.1 39.5 59.3



#82
4-Chlorotoluene
Concen: 46.999 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 91 Resp: 494894
Ion Ratio Lower Upper
91 100
126 31.6 18.0 54.0





#83

tert-Butylbenzene

Concen: 50.250 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

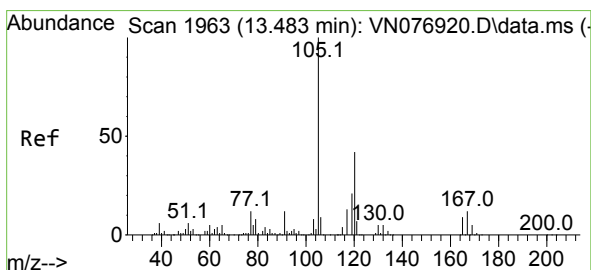
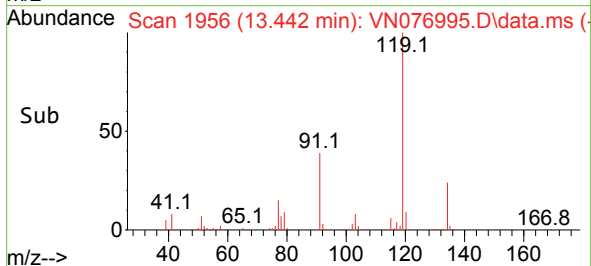
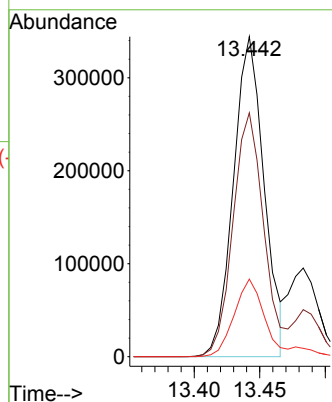
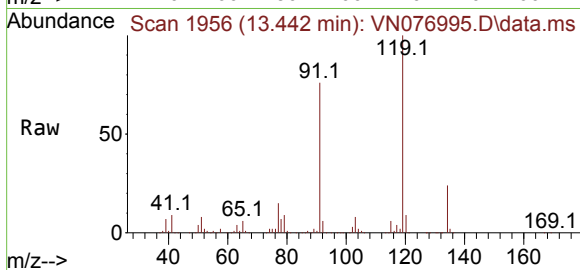
Tgt Ion:119 Resp: 561170

Ion Ratio Lower Upper

119 100

91 77.2 31.9 95.5

134 23.6 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 49.110 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN076995.D

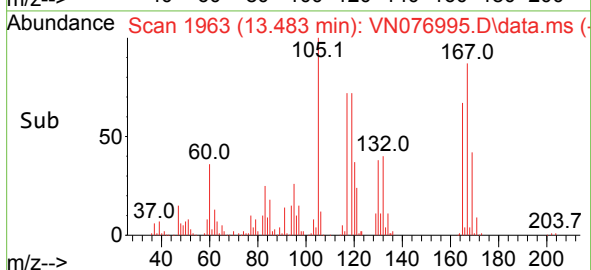
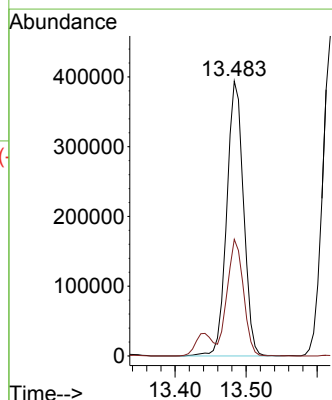
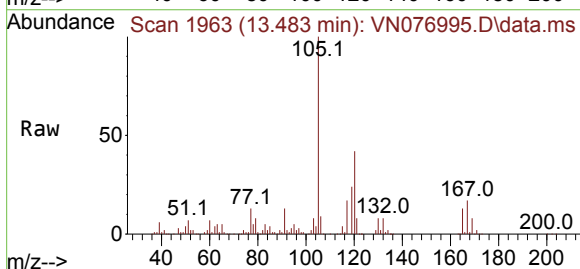
Acq: 14 Mar 2023 20:22

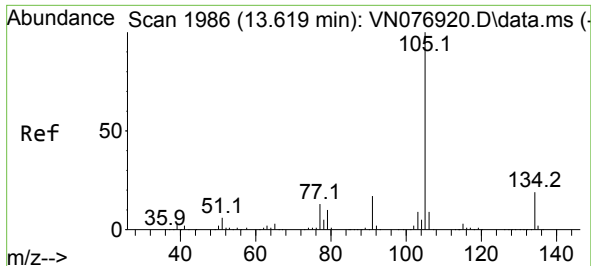
Tgt Ion:105 Resp: 645867

Ion Ratio Lower Upper

105 100

120 40.8 23.6 70.8

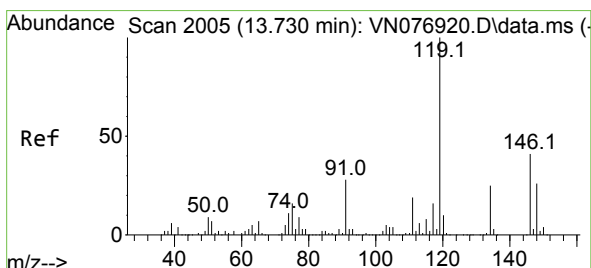
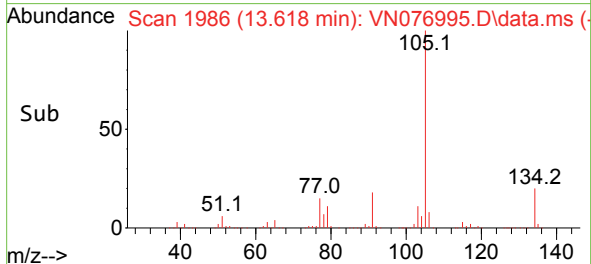
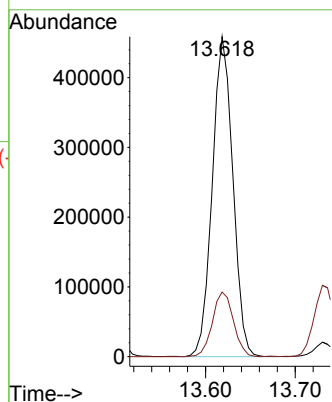
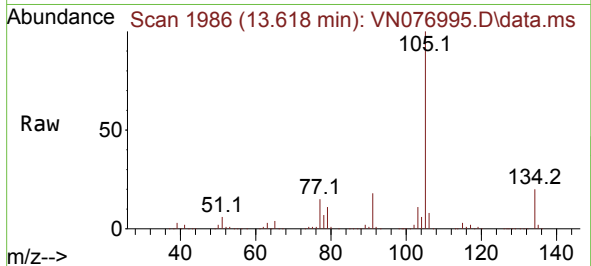




#85
 sec-Butylbenzene
 Concen: 47.748 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

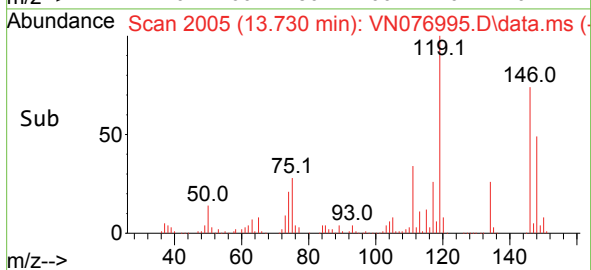
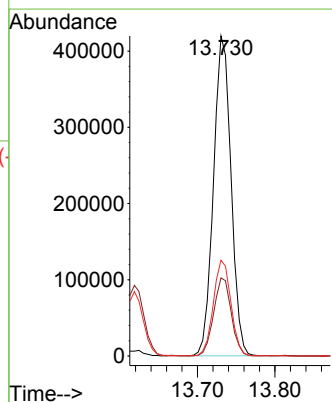
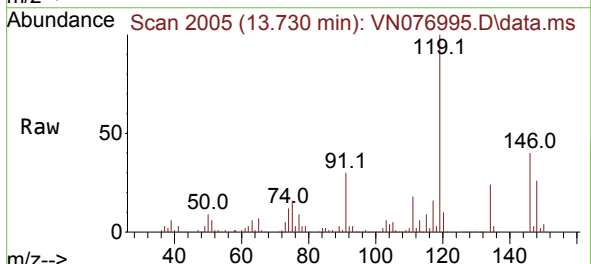
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

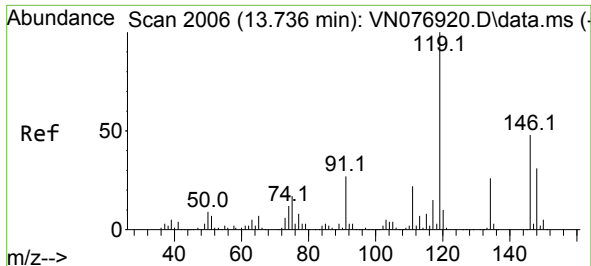
Tgt Ion:105 Resp: 730906
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 53.327 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076995.D
 Acq: 14 Mar 2023 20:22

Tgt Ion:119 Resp: 659195
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.5 40.5
 91 29.9 11.2 33.6

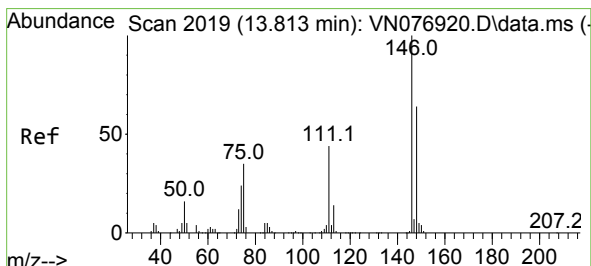
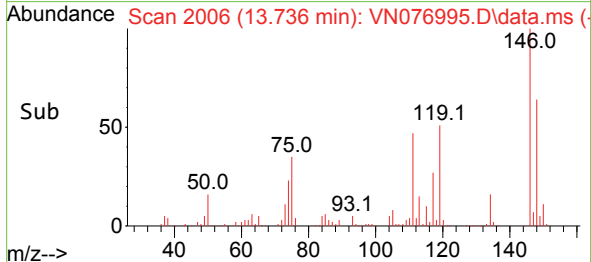
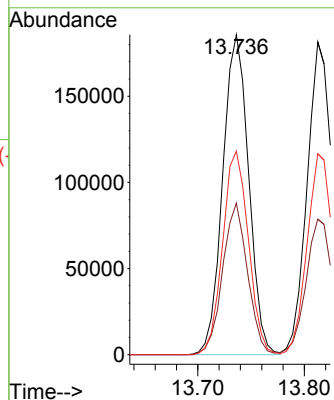
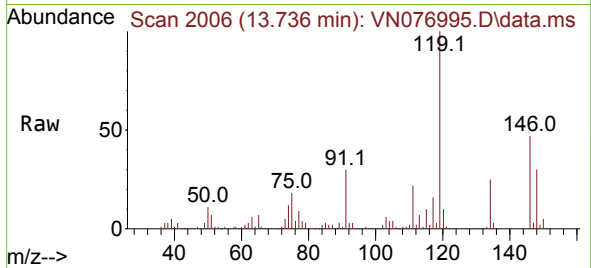




#87
1,3-Dichlorobenzene
Concen: 49.928 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

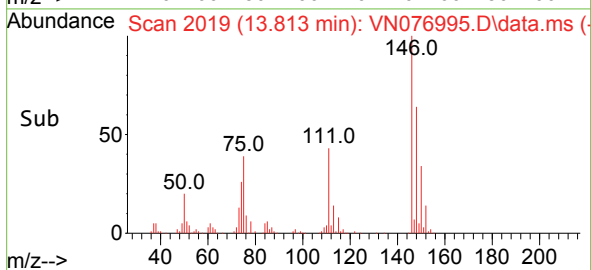
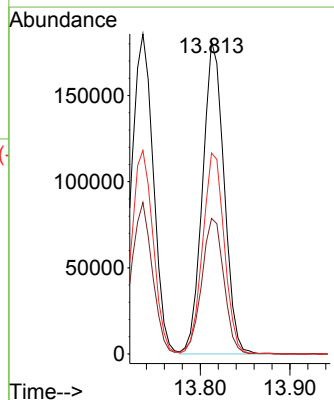
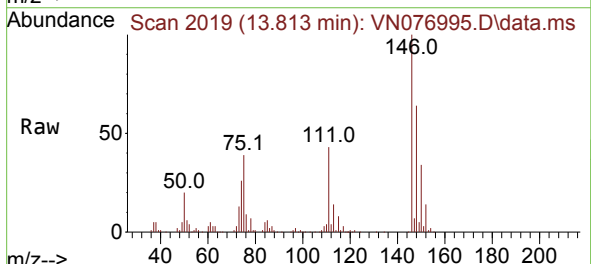
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

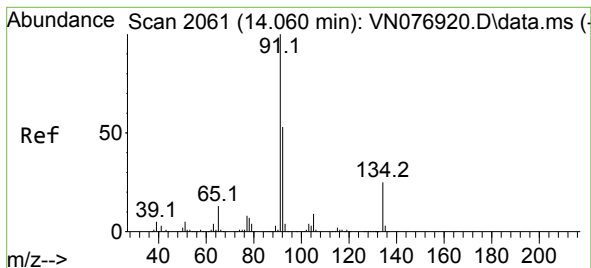
Tgt Ion:146 Resp: 313918
Ion Ratio Lower Upper
146 100
111 45.6 20.4 61.2
148 63.2 31.5 94.5



#88
1,4-Dichlorobenzene
Concen: 47.839 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion:146 Resp: 301728
Ion Ratio Lower Upper
146 100
111 44.5 20.0 60.0
148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 49.078 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

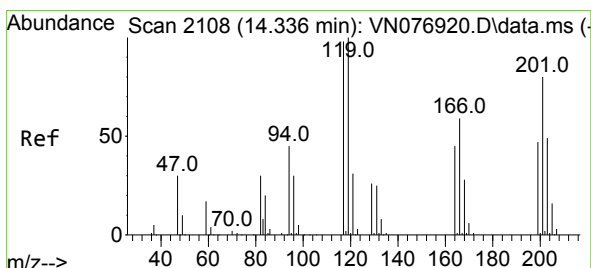
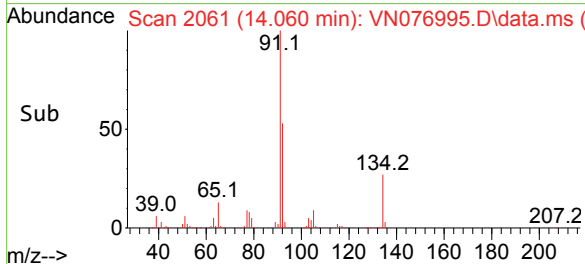
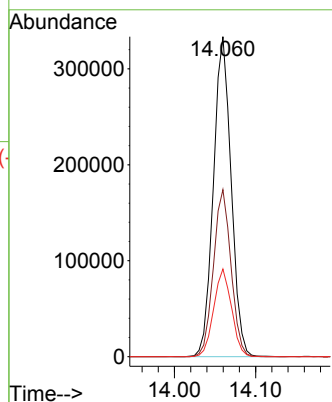
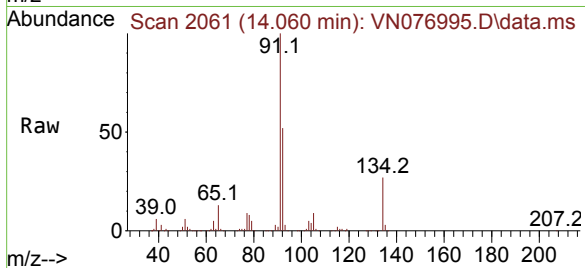
Tgt Ion: 91 Resp: 506257

Ion Ratio Lower Upper

91 100

92 51.7 26.6 79.7

134 27.5 13.6 40.7



#90

Hexachloroethane

Concen: 49.446 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN076995.D

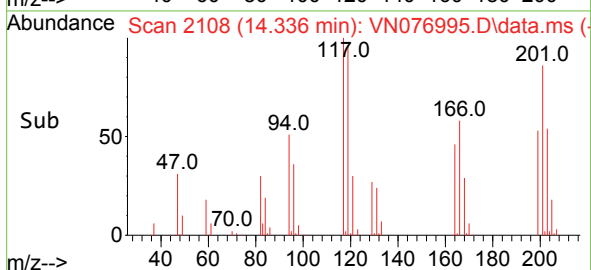
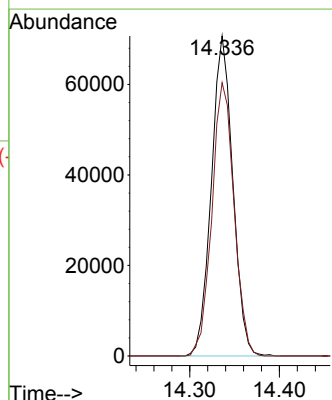
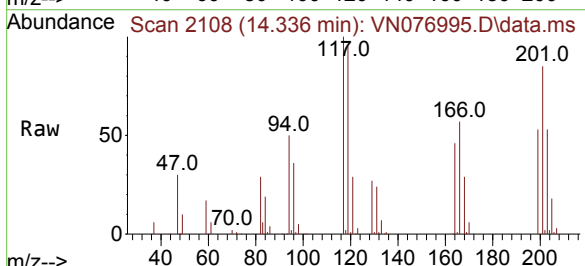
Acq: 14 Mar 2023 20:22

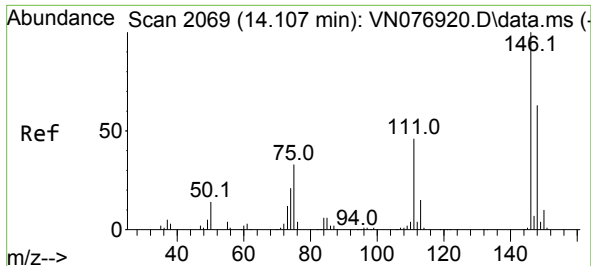
Tgt Ion: 117 Resp: 117449

Ion Ratio Lower Upper

117 100

201 88.0 31.9 95.7

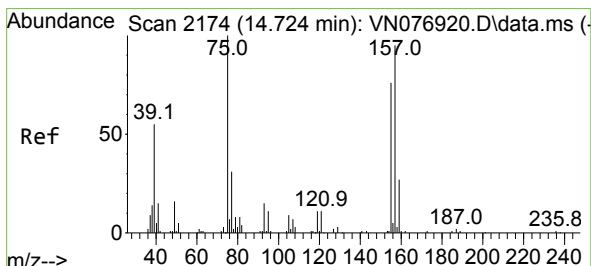
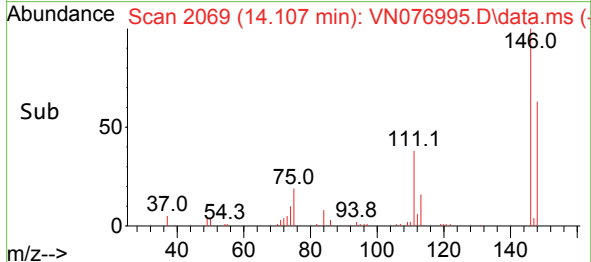
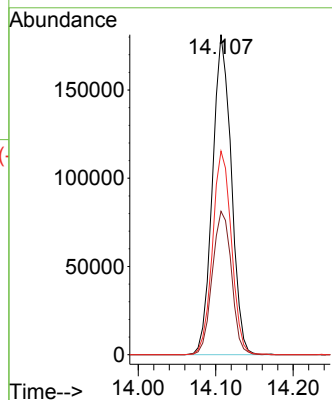
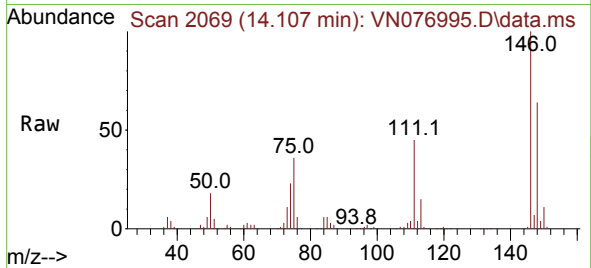




#91
1,2-Dichlorobenzene
Concen: 48.318 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

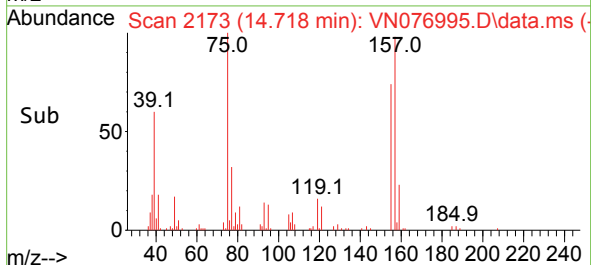
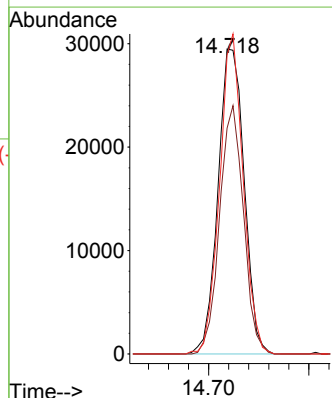
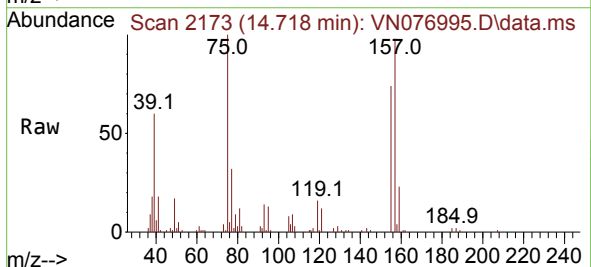
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

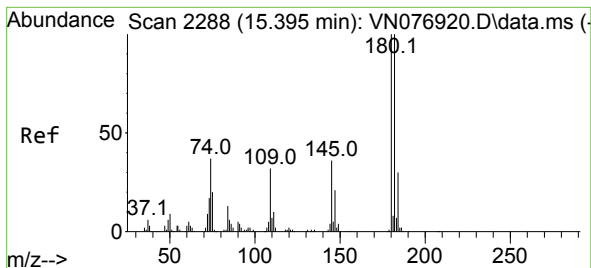
Tgt Ion:146 Resp: 305185
Ion Ratio Lower Upper
146 100
111 45.8 21.4 64.2
148 64.1 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.385 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076995.D
Acq: 14 Mar 2023 20:22

Tgt Ion: 75 Resp: 53519
Ion Ratio Lower Upper
75 100
155 74.2 44.3 132.8
157 94.3 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 54.652 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

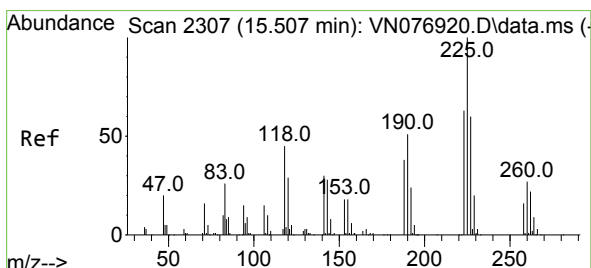
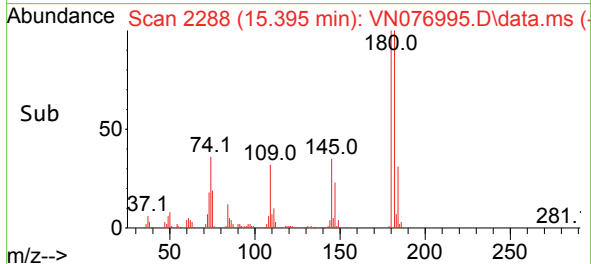
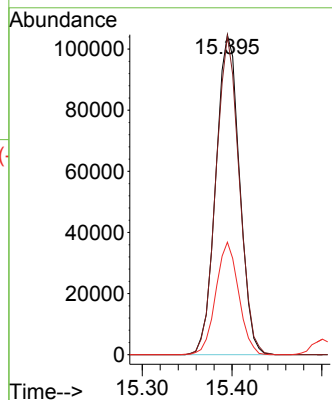
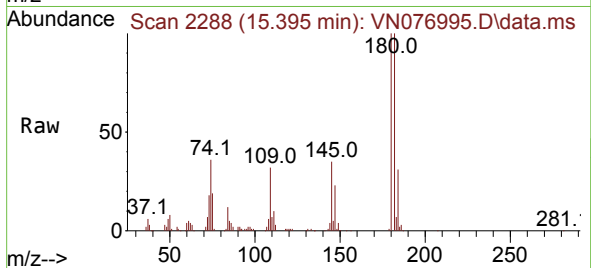
Tgt Ion:180 Resp: 191878

Ion Ratio Lower Upper

180 100

182 98.0 47.4 142.2

145 33.9 15.8 47.3



#94

Hexachlorobutadiene

Concen: 62.721 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

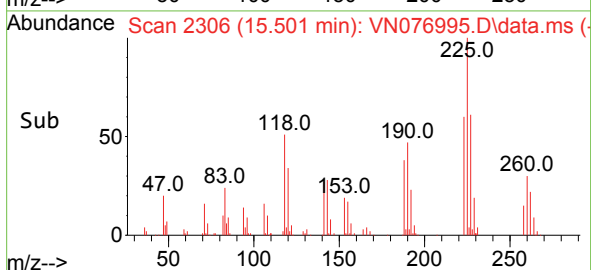
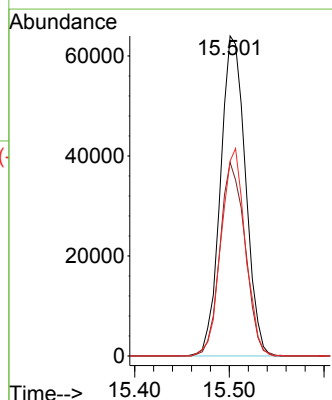
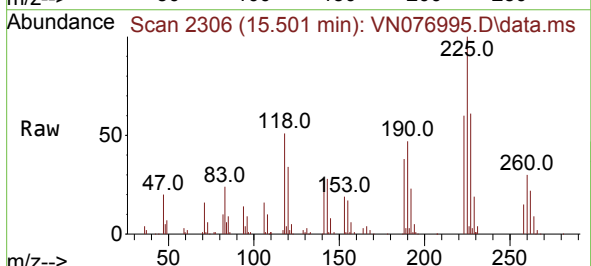
Tgt Ion:225 Resp: 117322

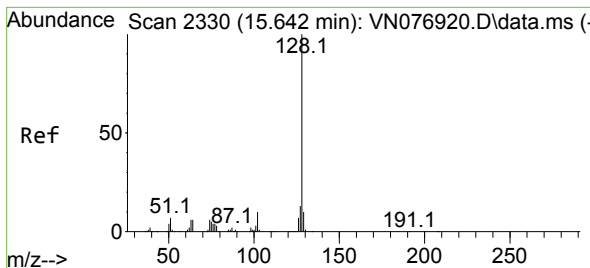
Ion Ratio Lower Upper

225 100

223 60.9 31.4 94.0

227 63.0 30.9 92.7





#95

Naphthalene

Concen: 52.065 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

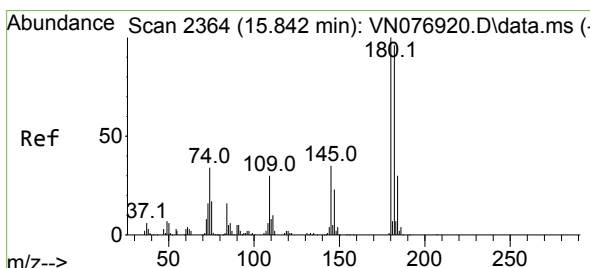
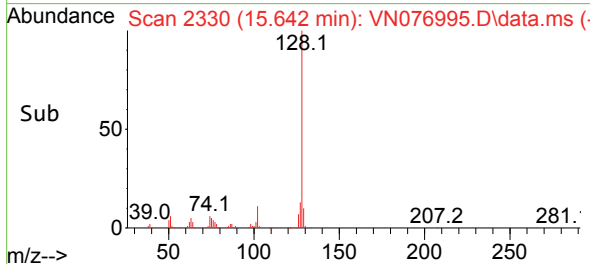
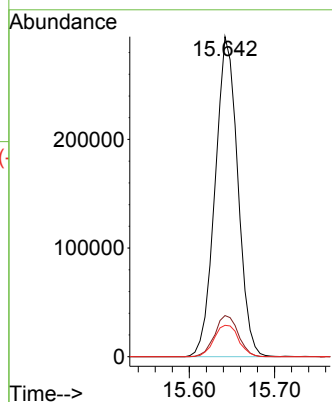
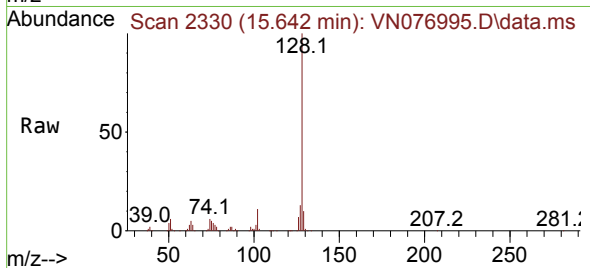
Tgt Ion:128 Resp: 544228

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 54.222 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076995.D

Acq: 14 Mar 2023 20:22

Tgt Ion:180 Resp: 184858

Ion Ratio Lower Upper

180 100

182 95.3 47.7 143.1

145 35.0 17.0 51.0

