

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031623\
 Data File : VN077014.D
 Acq On : 16 Mar 2023 11:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Mar 17 03:19:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	44011	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	313372	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	348396	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	131089	32.405	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.033%	
60) 4-Bromofluorobenzene	12.854	95	198117	30.046	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.167%	
63) Toluene-d8	10.566	98	374313	30.546	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.833%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	110358	19.595	ug/l	94
3) Chloromethane	2.378	50	76256	14.814	ug/l	100
4) Vinyl Chloride	2.531	62	79460	16.928	ug/l #	87
5) Bromomethane	2.972	94	49715	16.561	ug/l	89
6) Chloroethane	3.137	64	54749	19.849	ug/l	99
7) Trichlorofluoromethane	3.513	101	177683	20.262	ug/l	95
8) Diethyl Ether	3.972	74	70989	21.586	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.389	101	102307	20.594	ug/l	98
10) 1,1-Dichloroethene	4.360	96	96014	19.912	ug/l	94
11) Methyl Iodide	4.607	142	125913	21.671	ug/l	95
12) Methyl Acetate	5.037	43	186814	23.555	ug/l	98
13) Acrolein	4.189	56	144089	122.894	ug/l	100
14) Acrylonitrile	5.725	53	292961	112.135	ug/l	98
15) Acetone	4.437	58	115221	162.051	ug/l	91
16) Carbon Disulfide	4.725	76	285219	21.332	ug/l	98
17) Allyl chloride	5.037	41	174293	24.099	ug/l	96
18) Methylene Chloride	5.295	84	118772	21.058	ug/l	92
19) trans-1,2-Dichloroethene	5.801	96	105678	20.799	ug/l	97
20) Diisopropyl ether	6.683	45	391713	24.008	ug/l	98
21) 1,1-Dichloroethane	6.578	63	219418	22.599	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	121550	20.875	ug/l	96
23) tert-Butyl Alcohol	5.525	59	89820	118.377	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	345923	22.004	ug/l	94
25) Chloroform	7.972	83	211573	21.212	ug/l	100
26) Cyclohexane	8.266	56	188582	21.273	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	157143	21.290	ug/l	98
30) 2-Butanone	7.489	43	445099	132.173	ug/l	99
31) 2,2-Dichloropropane	7.495	77	168328	23.018	ug/l #	65
32) 1,1,1-Trichloroethane	8.177	97	179822	20.886	ug/l	98
33) Carbon Tetrachloride	8.366	117	155079	20.371	ug/l	91
34) Benzene	8.613	78	482274	21.312	ug/l	98
35) Methacrylonitrile	7.783	41	90125	23.784	ug/l	96
36) 1,2-Dichloroethane	8.677	62	168939	22.273	ug/l	99
37) Trichloroethene	9.354	130	108099	19.382	ug/l	94
38) Methylcyclohexane	9.607	83	191093	20.799	ug/l	96
39) 1,2-Dichloropropane	9.624	63	128141	22.040	ug/l	96
40) Dibromomethane	9.713	93	78551	21.207	ug/l	98
41) Bromodichloromethane	9.889	83	163110	21.487	ug/l	99
42) Vinyl Acetate	6.613	43	1256224	119.672	ug/l	99

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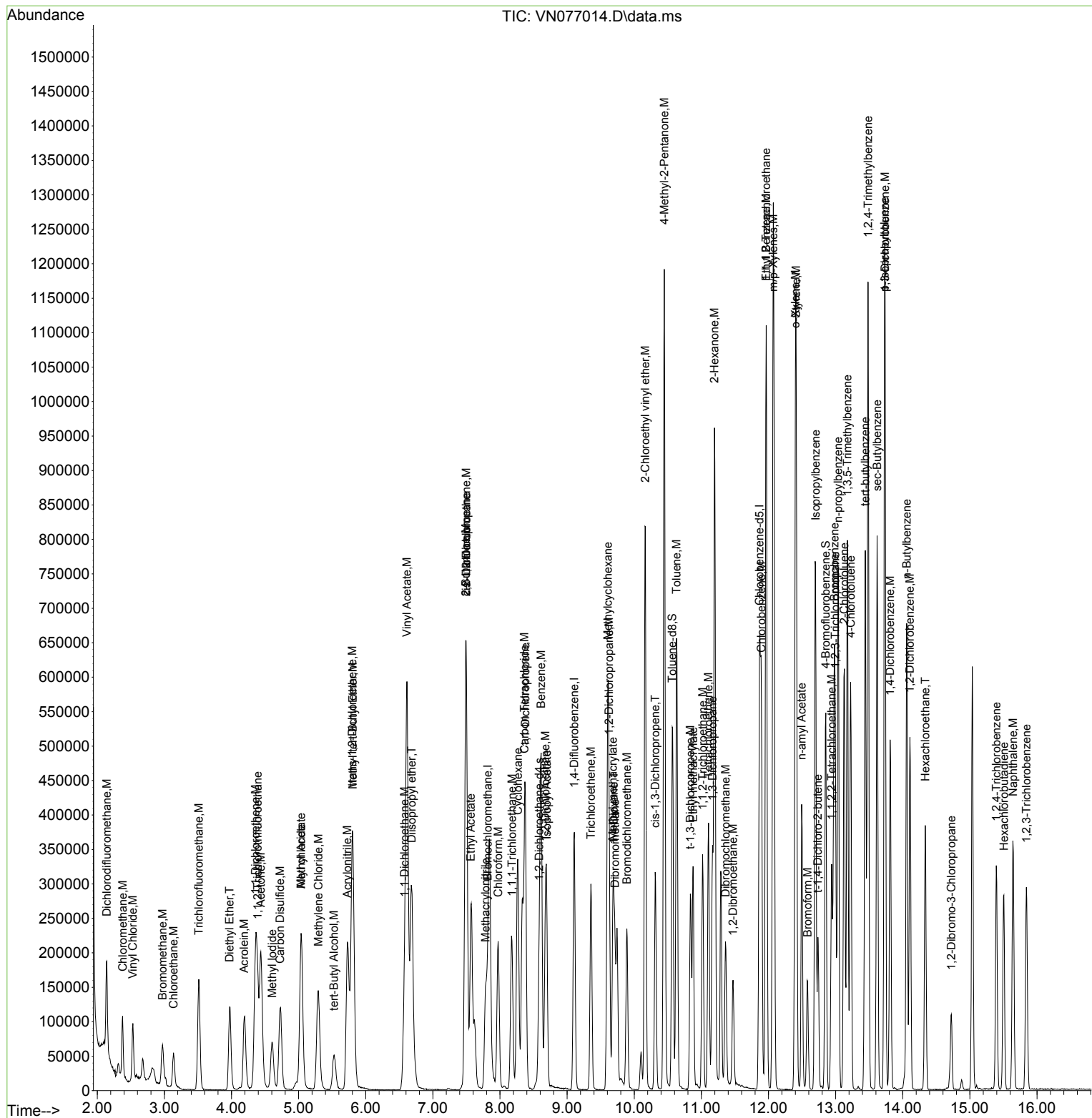
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	152469	22.438	ug/l	100
44) Isopropyl Acetate	8.695	43	253488	23.013	ug/l	96
45) 1,4-Dioxane	9.695	88	40999	442.443	ug/l #	88
46) Methyl methacrylate	9.683	41	125081	23.318	ug/l	92
47) n-amyl Acetate	12.495	43	213984	23.871	ug/l	93
48) t-1,3-Dichloropropene	10.836	75	167024	21.968	ug/l	98
49) cis-1,3-Dichloropropene	10.313	75	189121	21.900	ug/l	91
50) 1,1,2-Trichloroethane	11.018	97	111337	20.518	ug/l	96
51) Ethyl methacrylate	10.877	69	169296	21.163	ug/l	96
52) 1,3-Dichloropropane	11.166	76	199684	21.305	ug/l	100
53) Dibromochloromethane	11.360	129	115632	20.888	ug/l	98
54) 1,2-Dibromoethane	11.471	107	108367	20.695	ug/l	97
55) 2-Chloroethyl vinyl ether	10.166	63	372533	132.819	ug/l	99
56) Bromoform	12.583	173	74171	20.027	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	803516	114.167	ug/l	94
59) 2-Hexanone	11.195	43	613986	122.805	ug/l	94
61) Tetrachloroethene	11.107	164	85171	15.486	ug/l	91
62) Toluene	10.630	91	507526	21.141	ug/l	100
64) Chlorobenzene	11.895	112	289603	20.494	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	108278	20.400	ug/l	97
66) Ethyl Benzene	11.965	91	547731	21.015	ug/l	99
67) m/p-Xylenes	12.071	106	416560	42.193	ug/l	92
68) o-Xylene	12.401	106	200759	20.828	ug/l	95
69) Styrene	12.413	104	327257	20.934	ug/l	98
70) Isopropylbenzene	12.701	105	525572	20.956	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.942	83	167689	22.176	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	202646	29.213	ug/l	74
73) Bromobenzene	12.983	156	112708	19.915	ug/l	89
74) n-propylbenzene	13.036	91	620549	20.962	ug/l	100
75) 2-Chlorotoluene	13.130	91	383181	20.931	ug/l	96
76) 1,3,5-Trimethylbenzene	13.177	105	449196	20.693	ug/l	94
77) t-1,4-Dichloro-2-butene	12.736	75	49673	23.458	ug/l	99
78) 4-Chlorotoluene	13.224	91	366644	20.776	ug/l	94
79) tert-butylbenzene	13.442	119	370430	20.406	ug/l	94
80) 1,2,4-Trimethylbenzene	13.483	105	446416	20.926	ug/l	94
81) sec-Butylbenzene	13.618	105	534420	20.576	ug/l	99
82) p-Isopropyltoluene	13.730	119	434447	20.696	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	213558	20.394	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	202201	19.879	ug/l	95
85) n-Butylbenzene	14.059	91	372209	20.919	ug/l	97
86) Hexachloroethane	14.336	117	80703	21.532	ug/l	99
87) 1,2-Dichlorobenzene	14.107	146	212127	20.314	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.724	75	31435	21.343	ug/l	93
89) 1,2,4-Trichlorobenzene	15.395	180	102860	18.465	ug/l	98
90) Hexachlorobutadiene	15.506	225	53355	18.168	ug/l	96
91) Naphthalene	15.642	128	336837	19.065	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	103553	18.543	ug/l	97

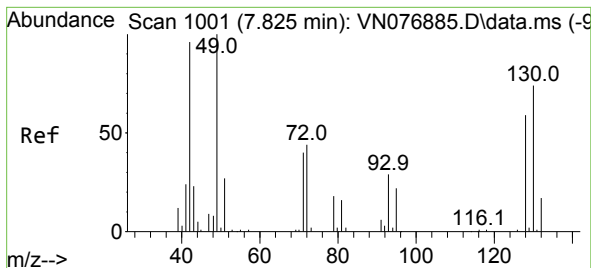
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.819 min Scan# 10

Delta R.T. -0.006 min

Lab File: VN077014.D

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MSVOA_N

ClientSampleId :

VSTDCCC020

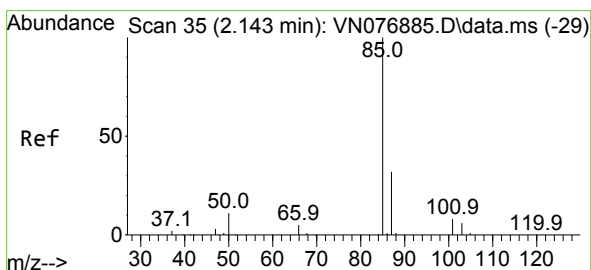
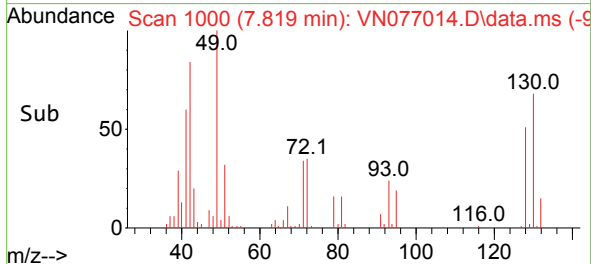
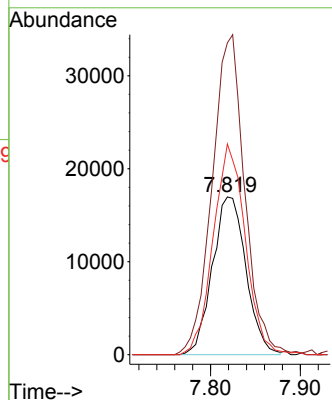
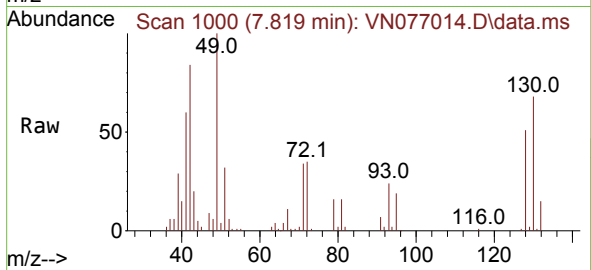
Tgt Ion:128 Resp: 44011

Ion Ratio Lower Upper

128 100

49 197.3 0.0 461.8

130 127.9 0.0 295.3



#2

Dichlorodifluoromethane

Concen: 19.595 ug/l

RT: 2.143 min Scan# 35

Delta R.T. -0.000 min

Lab File: VN077014.D

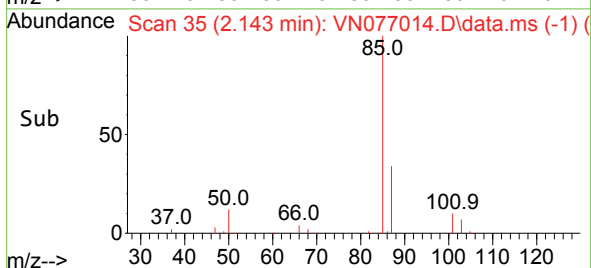
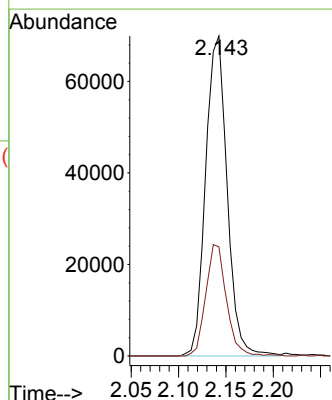
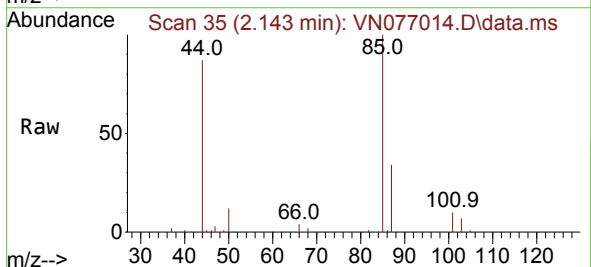
Acq: 16 Mar 2023 11:13

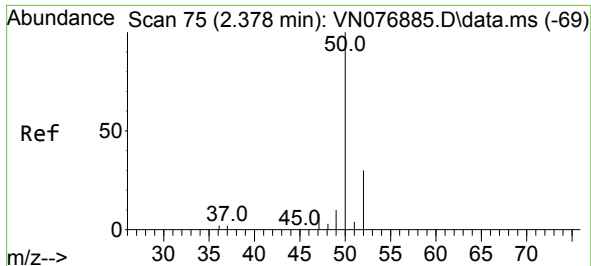
Tgt Ion: 85 Resp: 110358

Ion Ratio Lower Upper

85 100

87 34.1 15.4 46.1

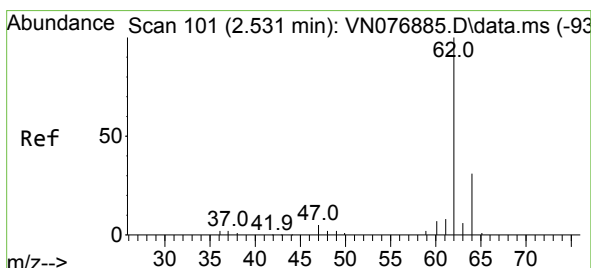
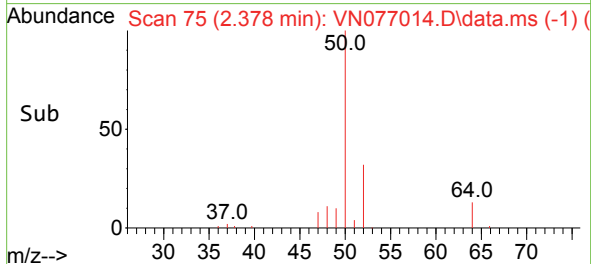
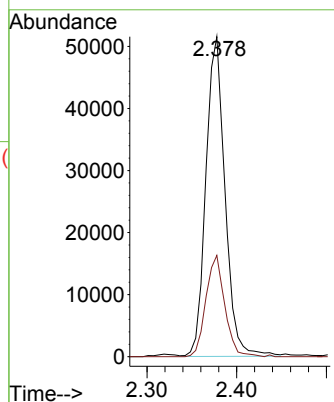
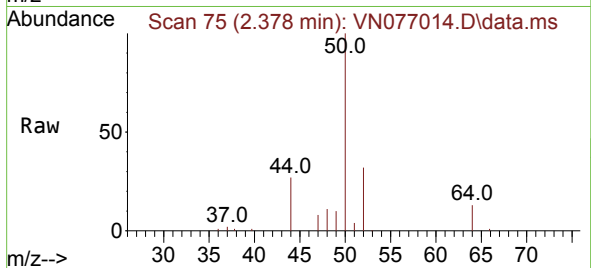




#3
Chloromethane
Concen: 14.814 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

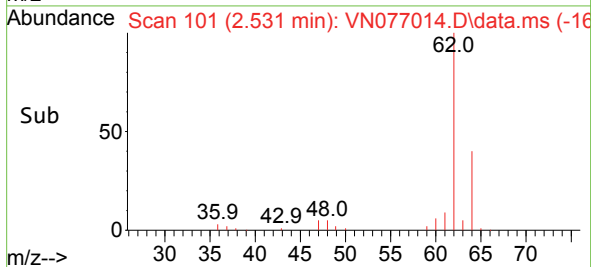
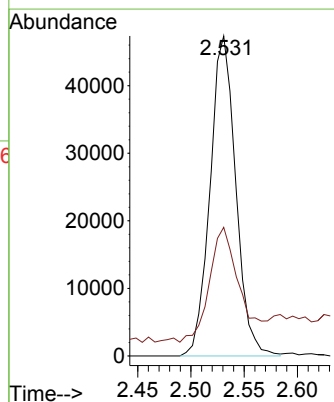
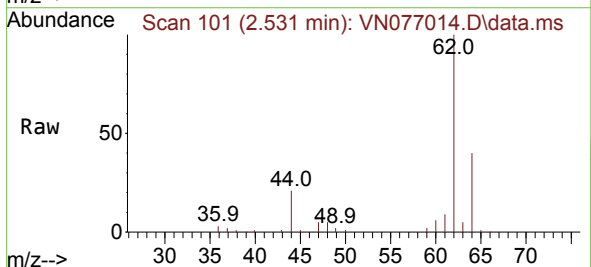
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MSVOA_N
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VSTDCCC020

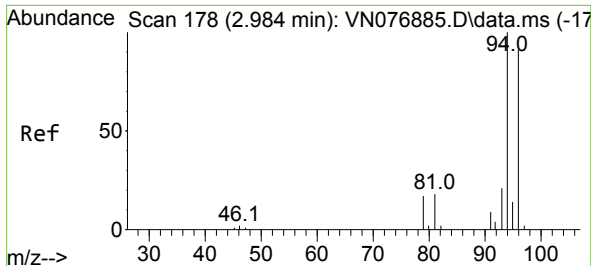
Tgt Ion: 50 Resp: 76256
Ion Ratio Lower Upper
50 100
52 31.8 25.3 37.9



#4
Vinyl Chloride
Concen: 16.928 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 62 Resp: 79460
Ion Ratio Lower Upper
62 100
64 35.9 23.1 34.7

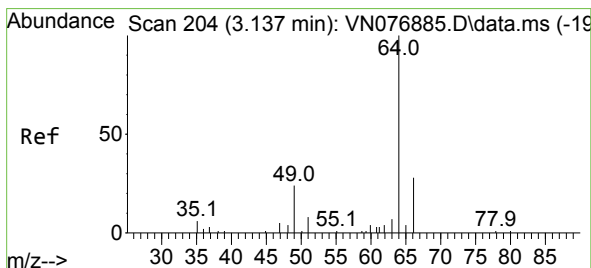
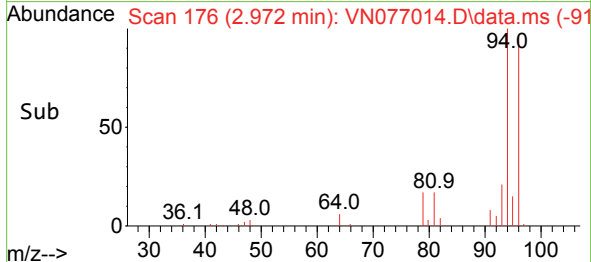
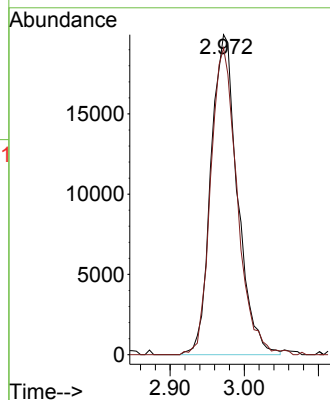
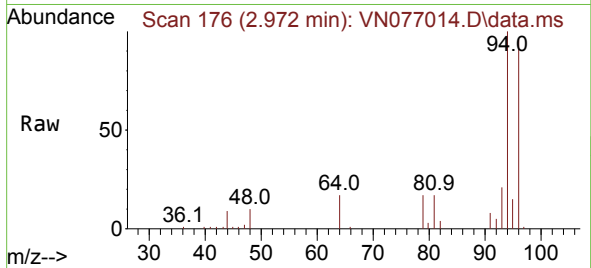




#5
Bromomethane
Concen: 16.561 ug/l
RT: 2.972 min Scan# 176
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

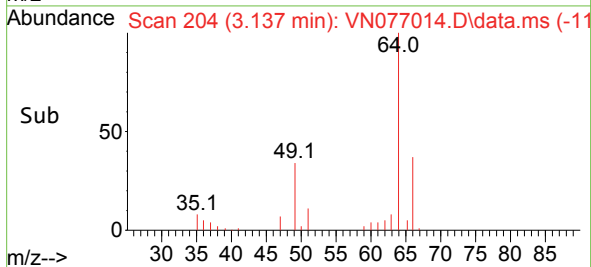
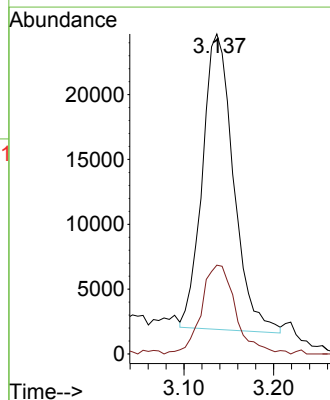
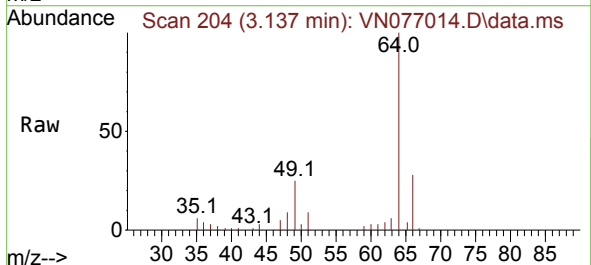
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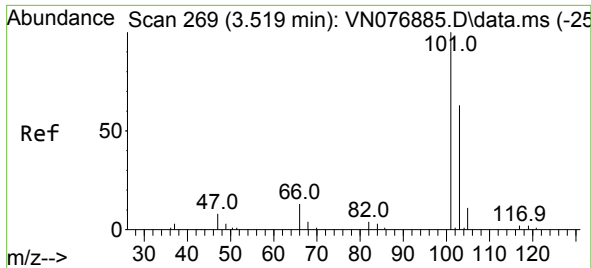
Tgt Ion: 94 Resp: 49715
Ion Ratio Lower Upper
94 100
96 95.8 68.6 103.0



#6
Chloroethane
Concen: 19.849 ug/l
RT: 3.137 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 64 Resp: 54749
Ion Ratio Lower Upper
64 100
66 29.1 23.8 35.6

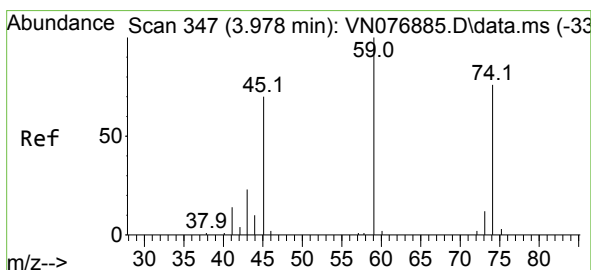
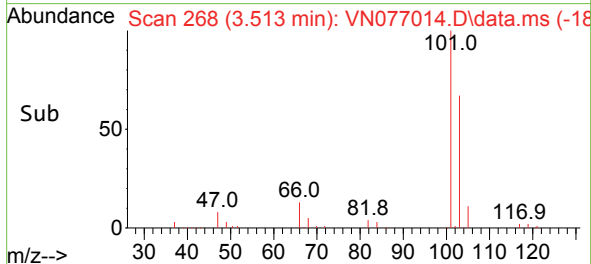
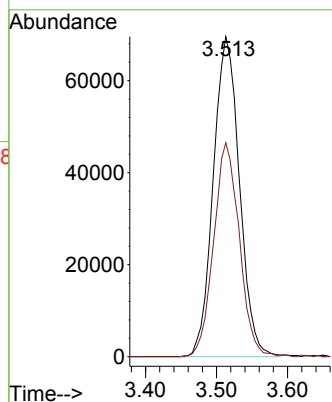
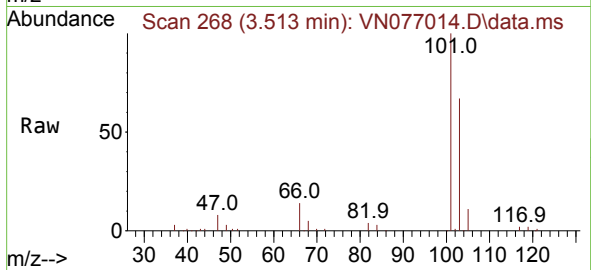




#7
Trichlorofluoromethane
Concen: 20.262 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077014.D
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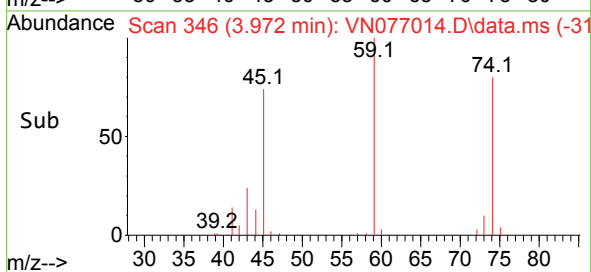
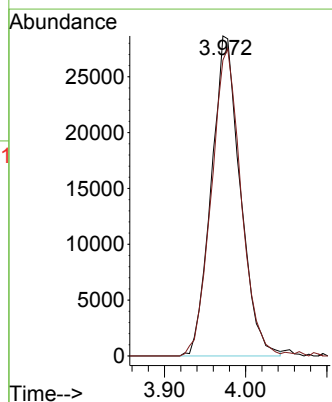
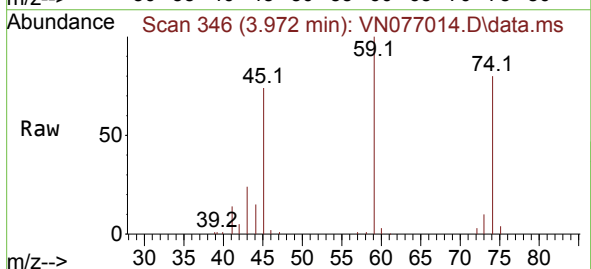
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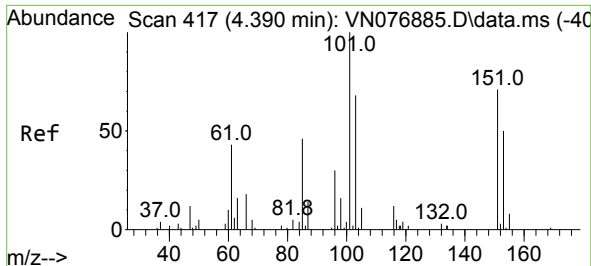
Tgt Ion:101 Resp: 177683
Ion Ratio Lower Upper
101 100
103 66.8 50.2 75.2



#8
Diethyl Ether
Concen: 21.586 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 74 Resp: 70989
Ion Ratio Lower Upper
74 100
45 98.2 21.4 193.0

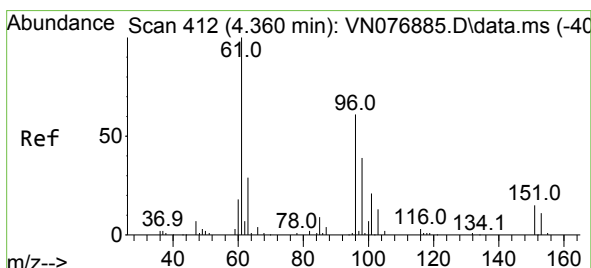
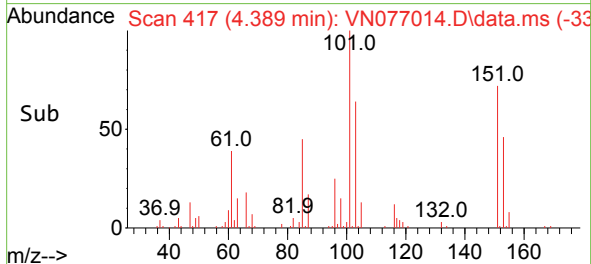
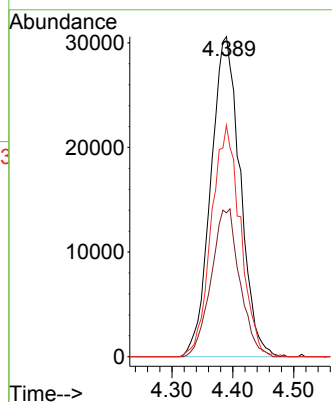
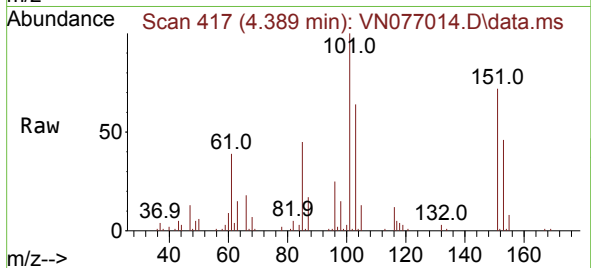




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.594 ug/l
 RT: 4.389 min Scan# 417
 Delta R.T. -0.001 min
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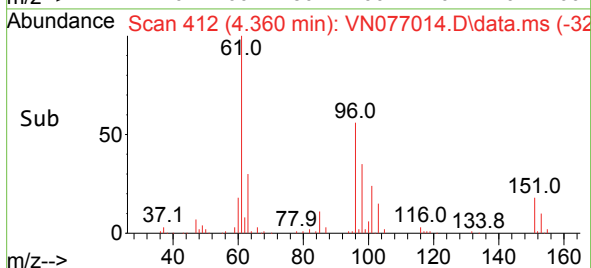
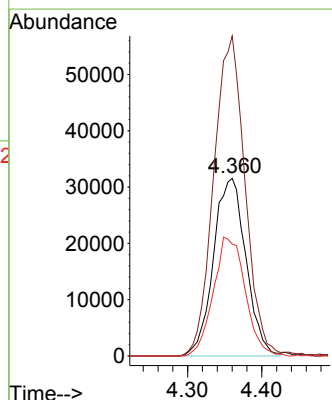
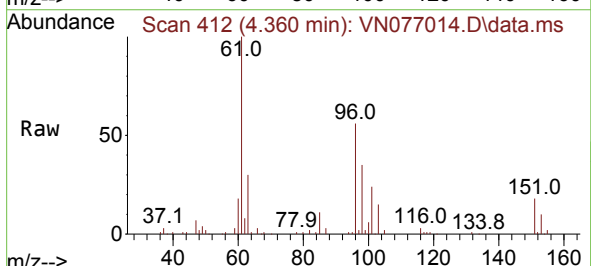
Instrument :
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 ClientSampleId :
 VSTDCCC020

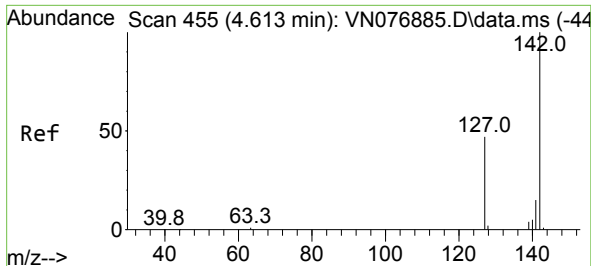
Tgt Ion:101 Resp: 102307
 Ion Ratio Lower Upper
 101 100
 85 45.2 0.0 95.2
 151 71.4 0.0 142.2



#10
 1,1-Dichloroethene
 Concen: 19.912 ug/l
 RT: 4.360 min Scan# 412
 Delta R.T. 0.006 min
 Lab File: VN077014.D
 Acq: 16 Mar 2023 11:13

Tgt Ion: 96 Resp: 96014
 Ion Ratio Lower Upper
 96 100
 61 180.1 137.1 205.7
 98 63.0 53.2 79.8

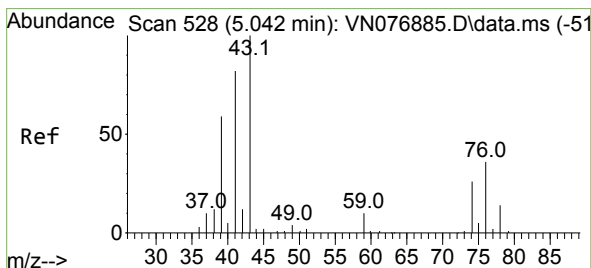
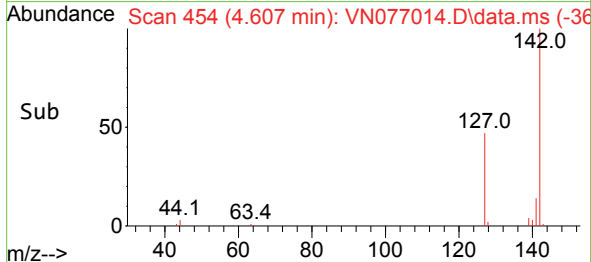
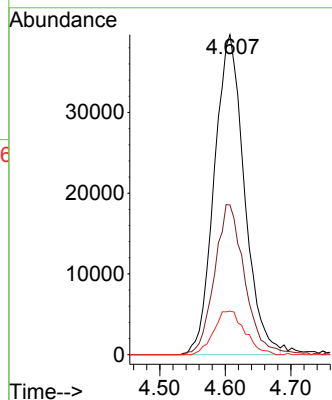
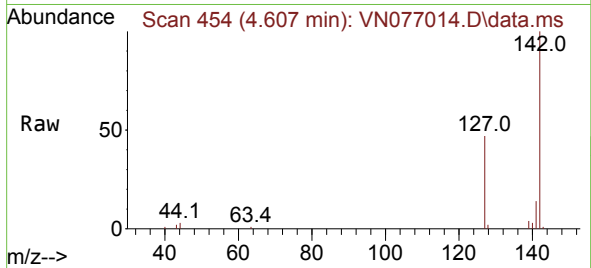




#11
Methyl Iodide
Concen: 21.671 ug/l
RT: 4.607 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

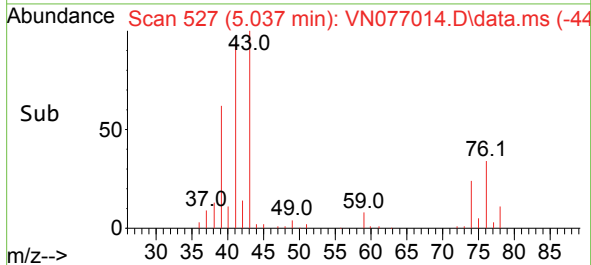
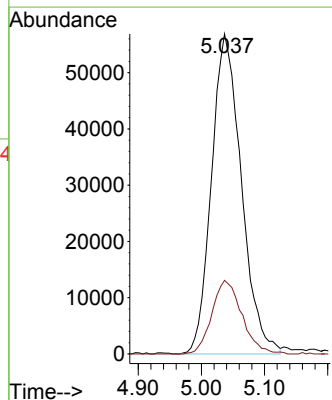
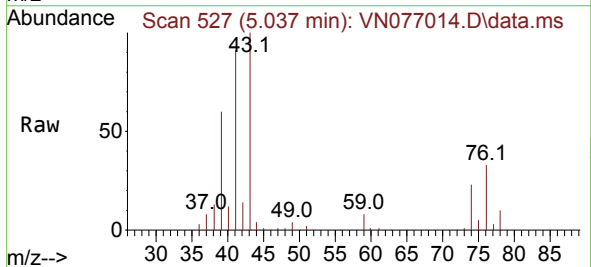
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

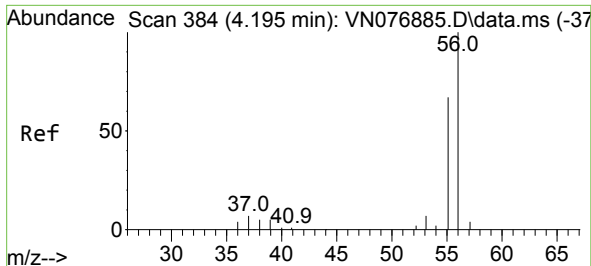
Tgt Ion:142 Resp: 125913
Ion Ratio Lower Upper
142 100
127 46.6 25.0 75.0
141 13.7 8.0 24.0



#12
Methyl Acetate
Concen: 23.555 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 43 Resp: 186814
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.4

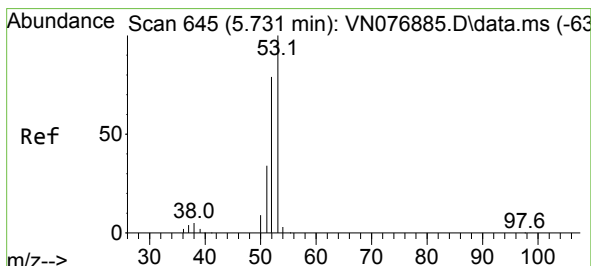
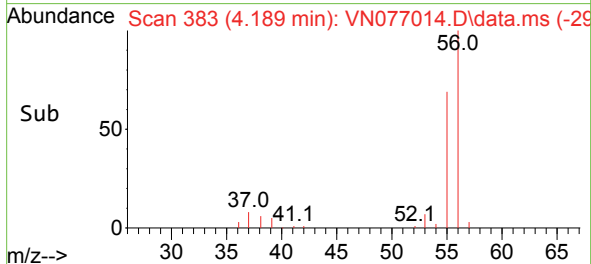
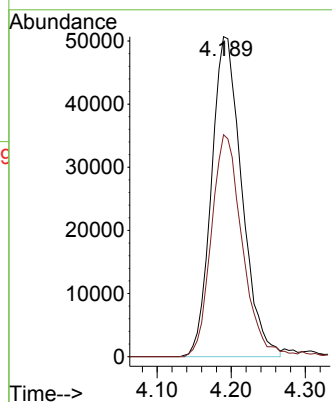
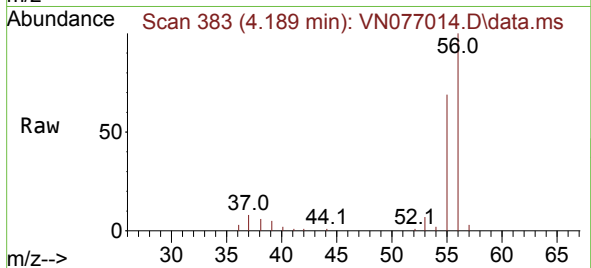




#13
Acrolein
Concen: 122.894 ug/l
RT: 4.189 min Scan# 383
Delta R.T. -0.001 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

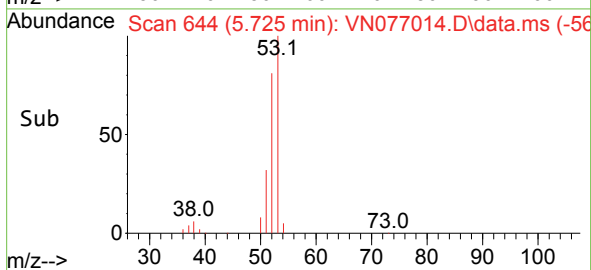
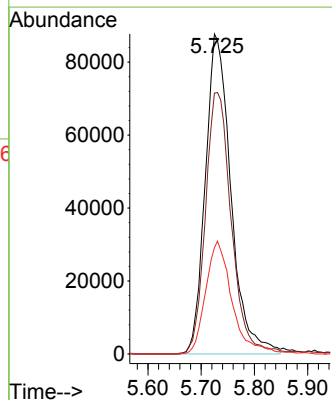
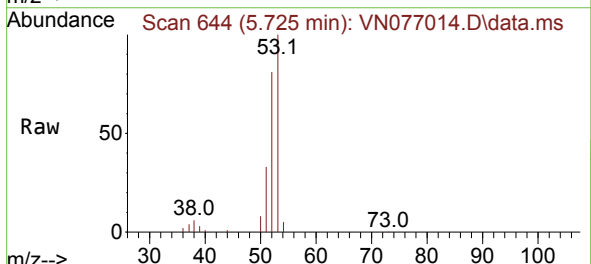
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

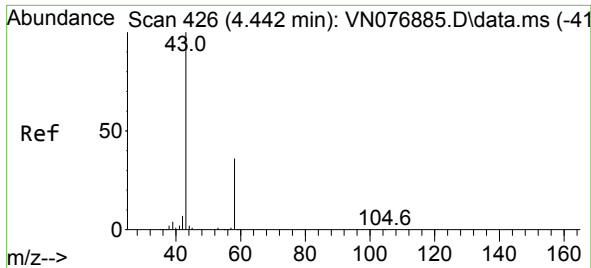
Tgt Ion: 56 Resp: 144089
Ion Ratio Lower Upper
56 100
55 69.0 55.0 82.4



#14
Acrylonitrile
Concen: 112.135 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.012 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 53 Resp: 292961
Ion Ratio Lower Upper
53 100
52 81.9 41.5 124.6
51 36.3 17.6 52.8

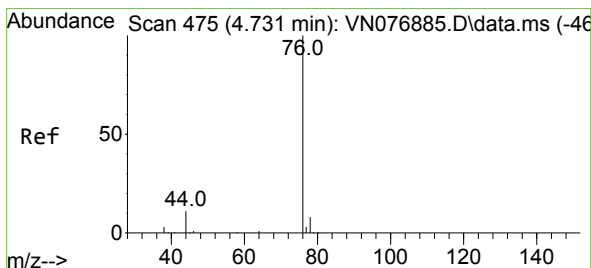
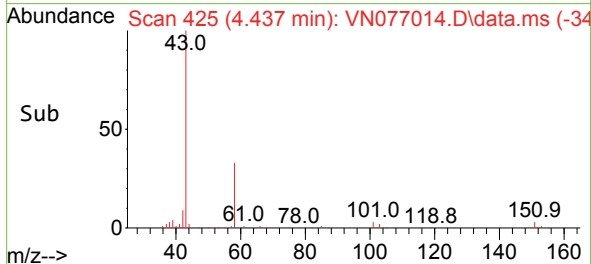
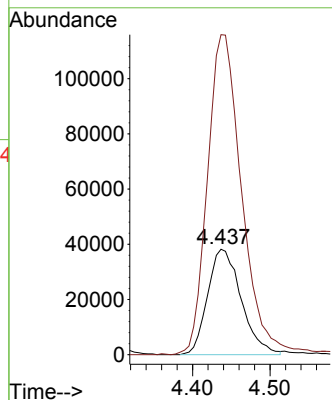
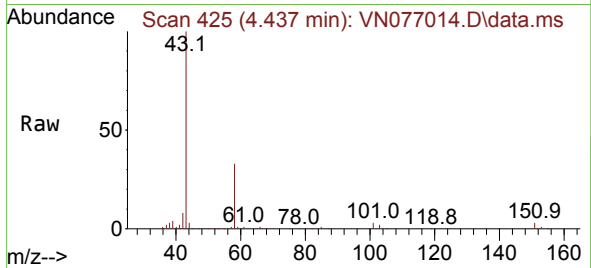




#15
Acetone
Concen: 162.051 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

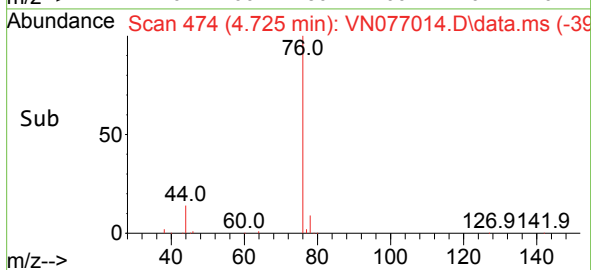
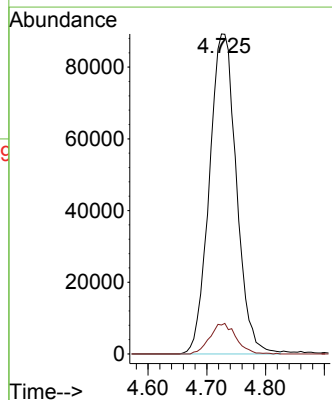
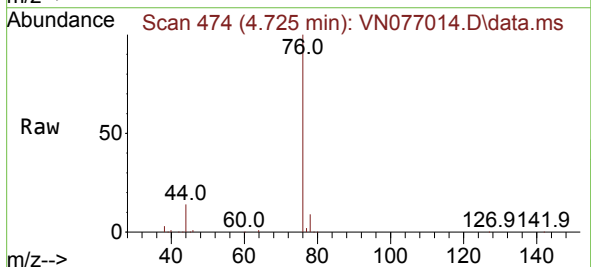
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

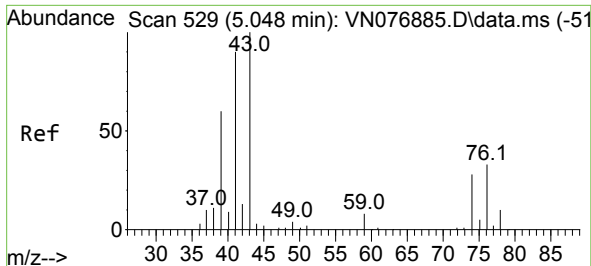
Tgt Ion: 58 Resp: 115221
Ion Ratio Lower Upper
58 100
43 301.3 255.4 383.0



#16
Carbon Disulfide
Concen: 21.332 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 76 Resp: 285219
Ion Ratio Lower Upper
76 100
78 9.0 6.6 9.8

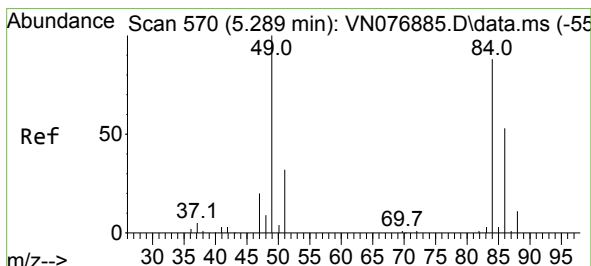
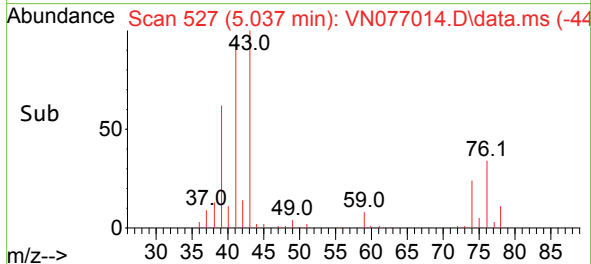
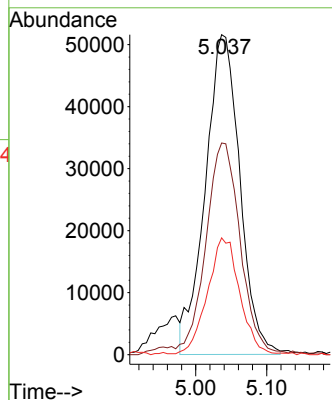
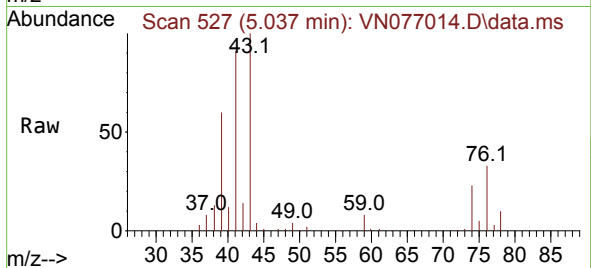




#17
 Allyl chloride
 Concen: 24.099 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077014.D
 Acq: 16 Mar 2023 11:13

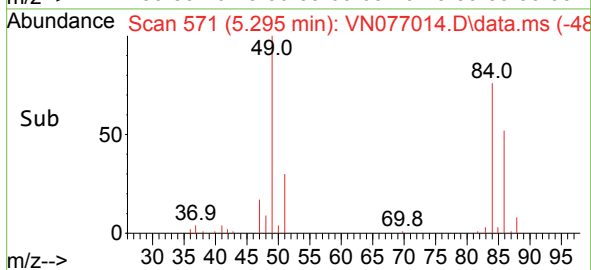
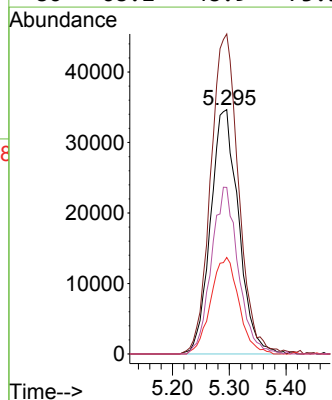
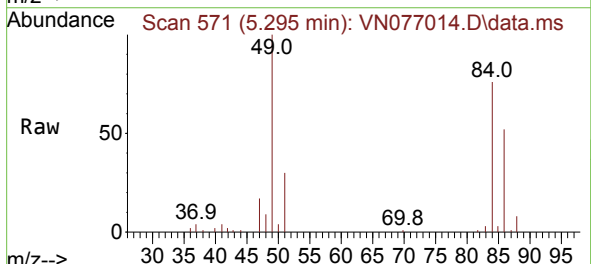
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

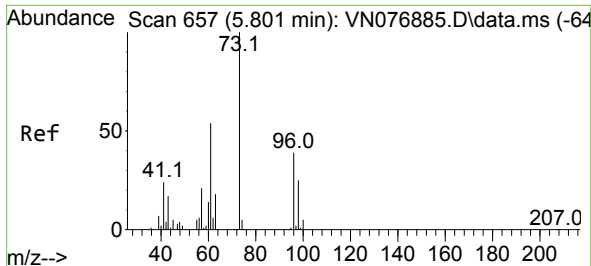
Tgt Ion: 41 Resp: 174293
 Ion Ratio Lower Upper
 41 100
 39 65.8 34.8 104.3
 76 36.4 17.5 52.5



#18
 Methylene Chloride
 Concen: 21.058 ug/l
 RT: 5.295 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VN077014.D
 Acq: 16 Mar 2023 11:13

Tgt Ion: 84 Resp: 118772
 Ion Ratio Lower Upper
 84 100
 49 131.0 113.8 170.6
 51 39.5 34.2 51.4
 86 68.2 48.9 73.3

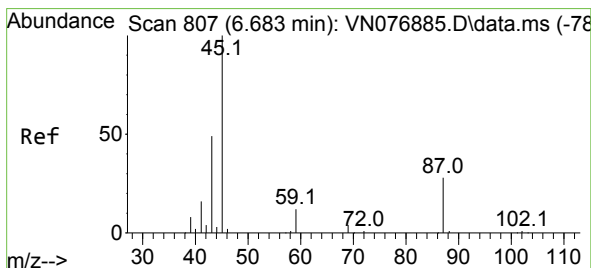
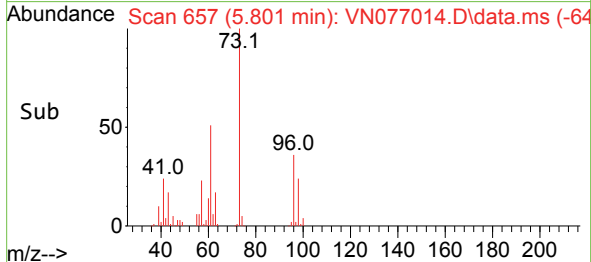
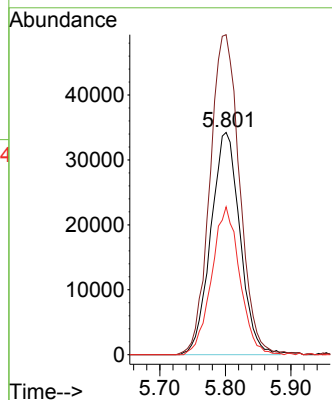
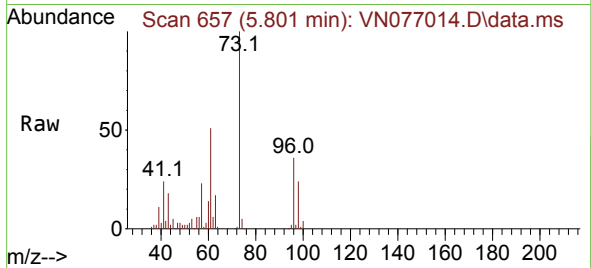




#19
trans-1,2-Dichloroethene
Concen: 20.799 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

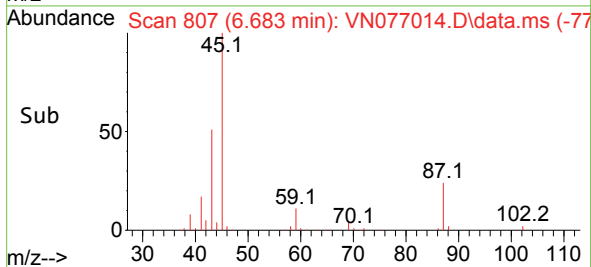
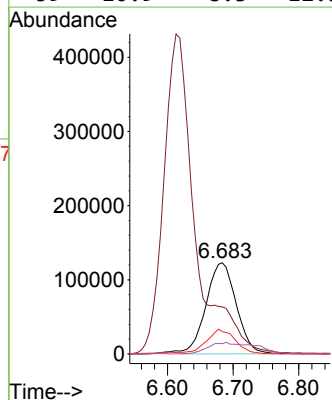
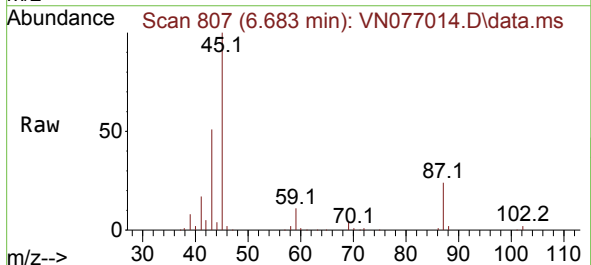
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

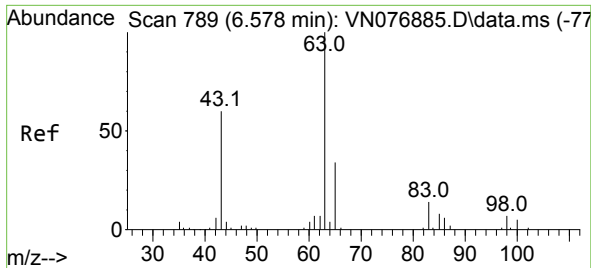
Tgt Ion: 96 Resp: 105678
Ion Ratio Lower Upper
96 100
61 143.3 111.0 166.4
98 66.5 55.0 82.6



#20
Diisopropyl ether
Concen: 24.008 ug/l
RT: 6.683 min Scan# 807
Delta R.T. -0.006 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 45 Resp: 391713
Ion Ratio Lower Upper
45 100
43 50.0 38.6 58.0
87 24.5 20.1 30.1
59 10.9 8.3 12.5

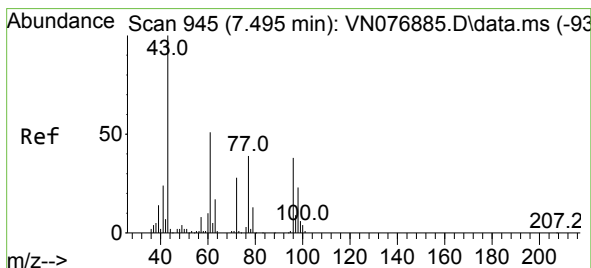
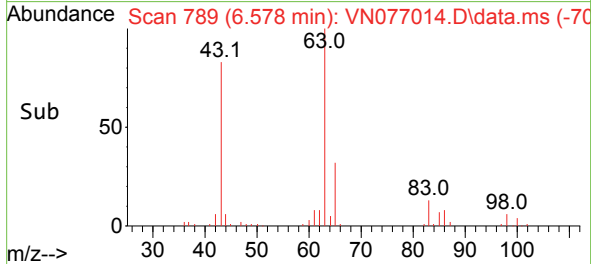
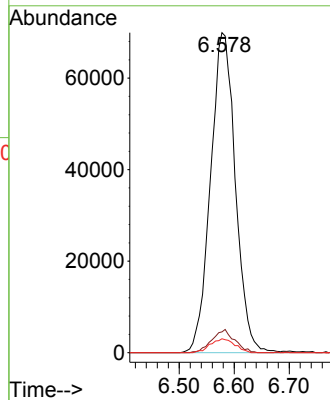
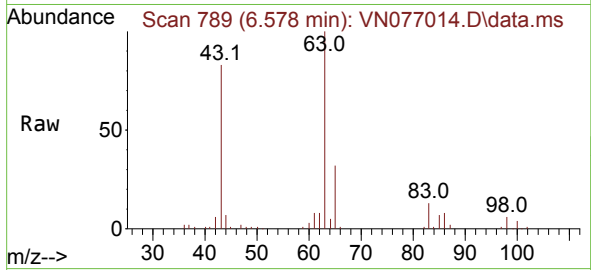




#21
1,1-Dichloroethane
Concen: 22.599 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

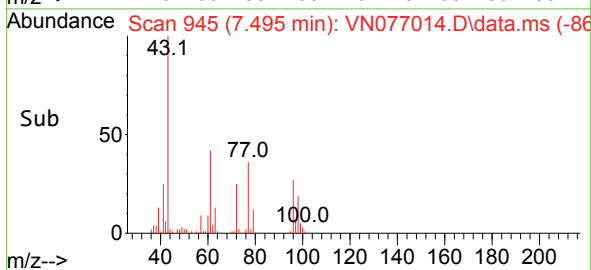
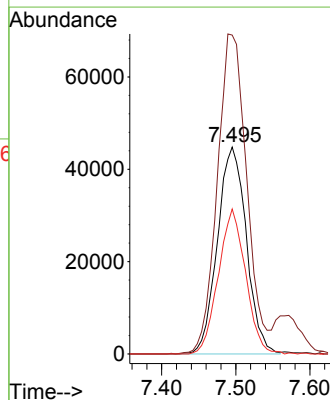
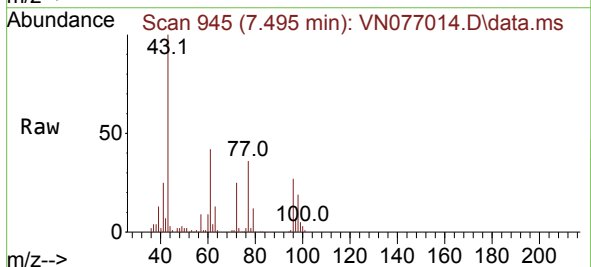
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

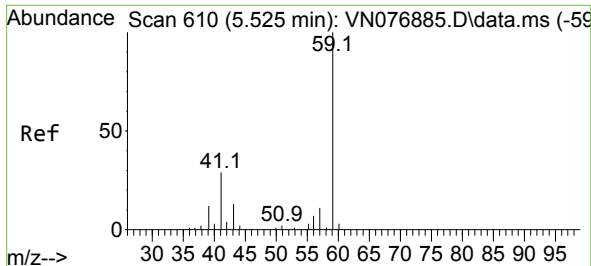
Tgt Ion: 63 Resp: 219418
Ion Ratio Lower Upper
63 100
98 6.5 3.6 10.9
100 4.4 2.6 7.8



#22
cis-1,2-Dichloroethene
Concen: 20.875 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 96 Resp: 121550
Ion Ratio Lower Upper
96 100
61 156.5 121.0 181.4
98 65.8 50.1 75.1

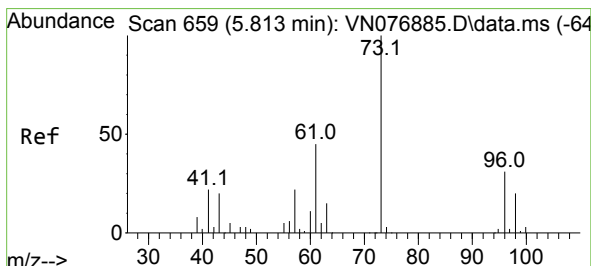
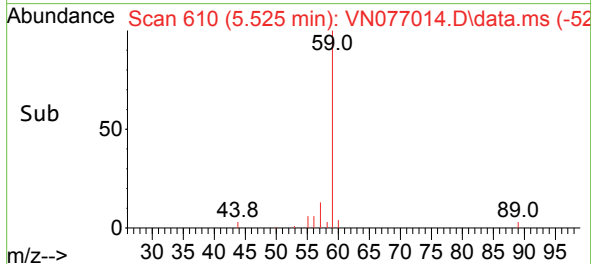
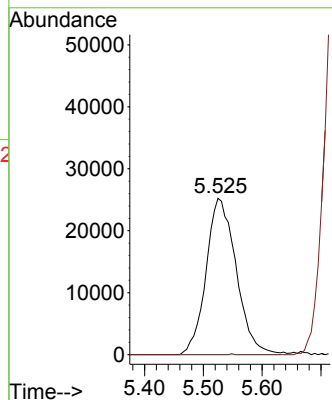
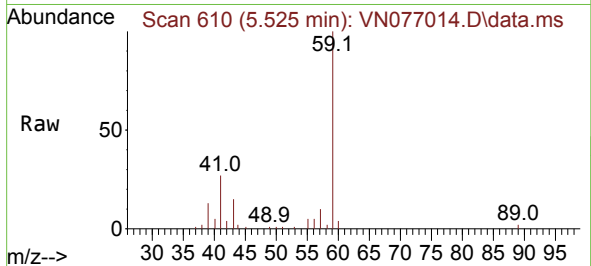




#23
tert-Butyl Alcohol
Concen: 118.377 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

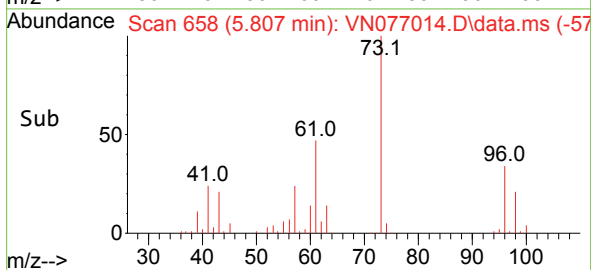
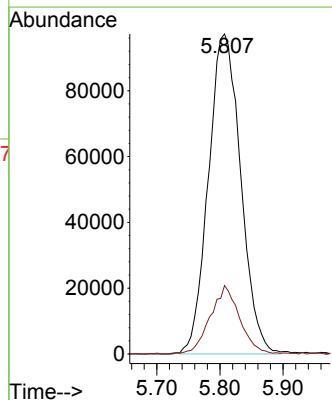
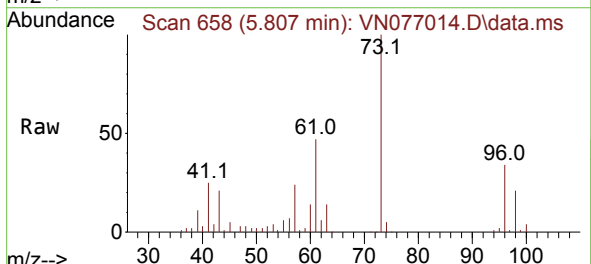
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

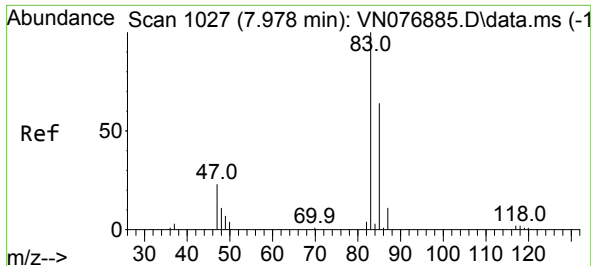
Tgt Ion: 59 Resp: 89820
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 22.004 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 73 Resp: 345923
Ion Ratio Lower Upper
73 100
43 19.4 17.8 26.6





#25

Chloroform

Concen: 21.212 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

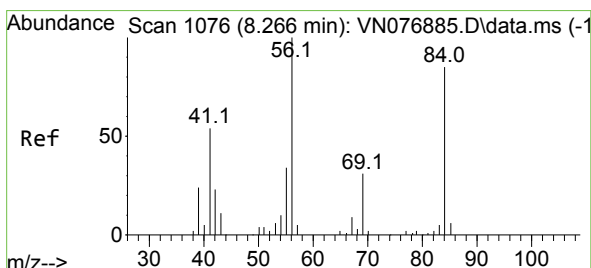
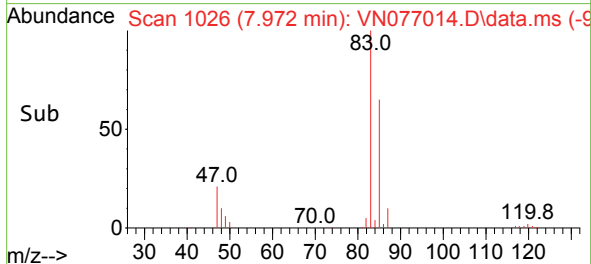
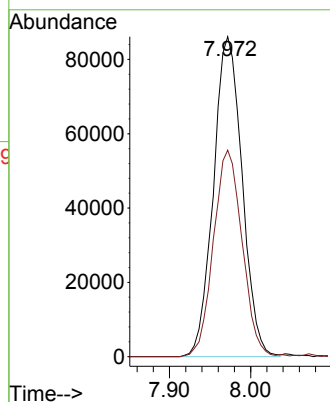
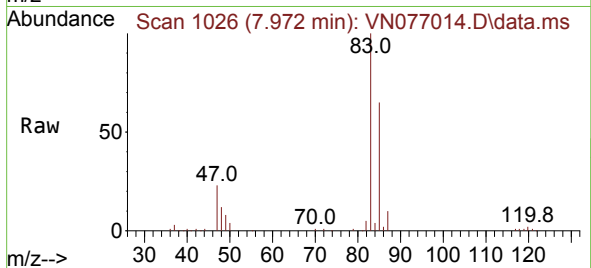
VSTDCCC020

Tgt Ion: 83 Resp: 211573

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.6



#26

Cyclohexane

Concen: 21.273 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

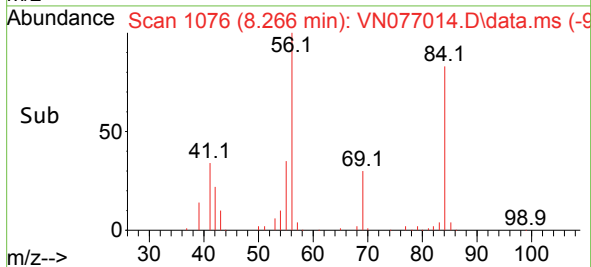
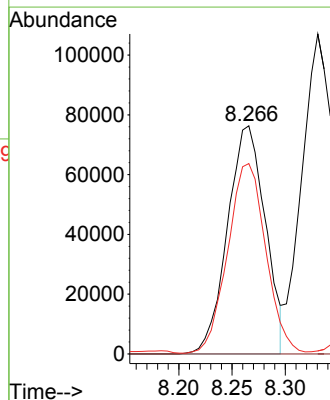
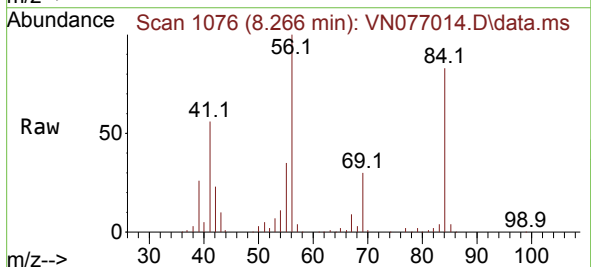
Tgt Ion: 56 Resp: 188582

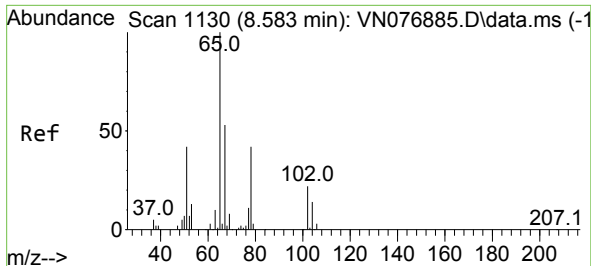
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.5 65.3 97.9

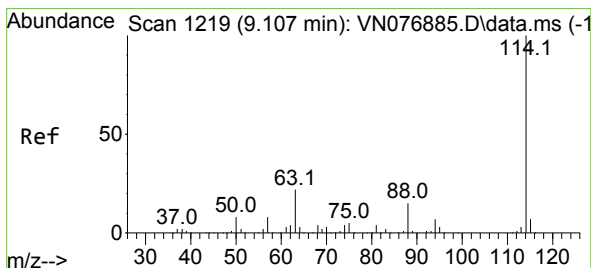
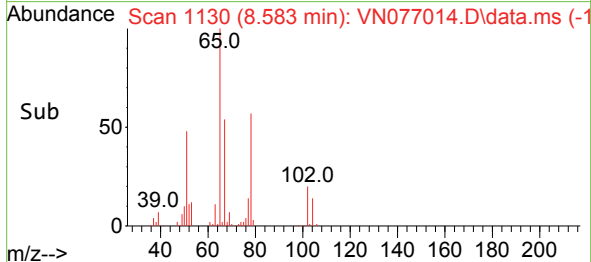
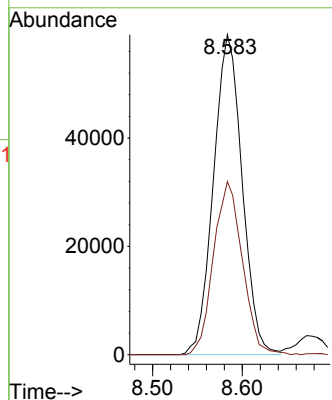
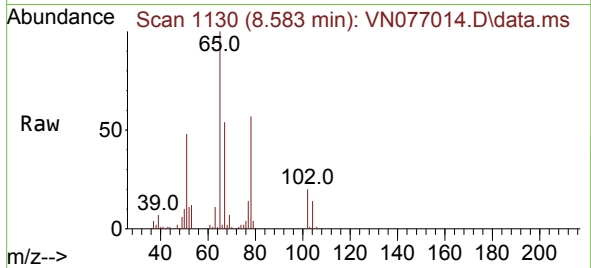




#27
1,2-Dichloroethane-d4
Concen: 32.405 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

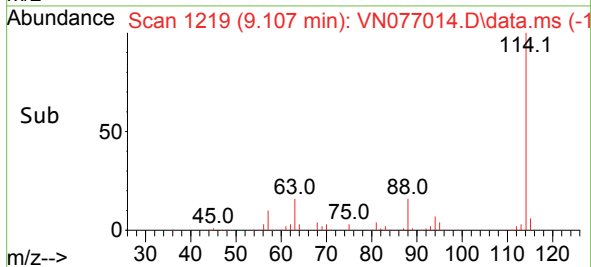
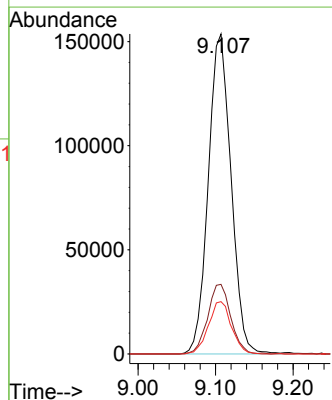
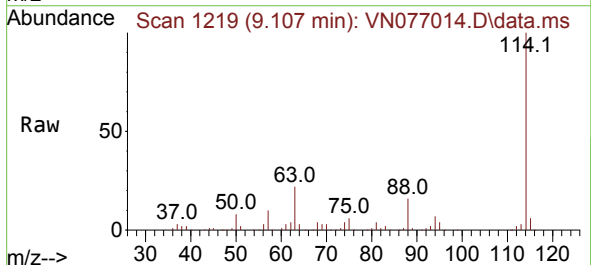
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

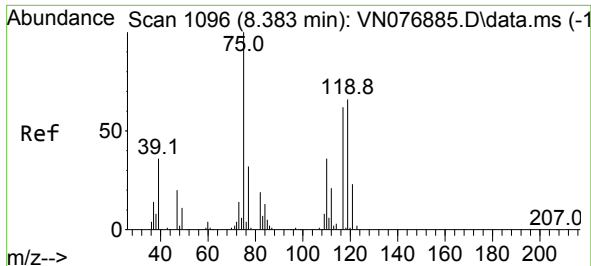
Tgt Ion: 65 Resp: 131089
Ion Ratio Lower Upper
65 100
67 54.3 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 114 Resp: 313372
Ion Ratio Lower Upper
114 100
63 22.0 17.0 25.4
88 16.5 11.6 17.4





#29

1,1-Dichloropropene

Concen: 21.290 ug/l

RT: 8.377 min Scan# 1095

Delta R.T. -0.001 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

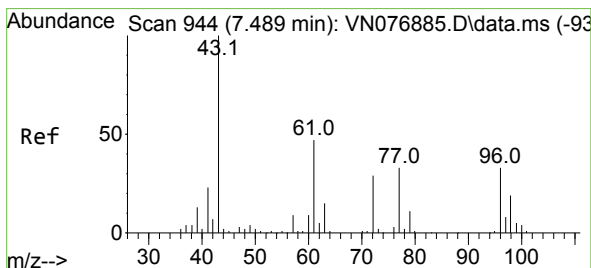
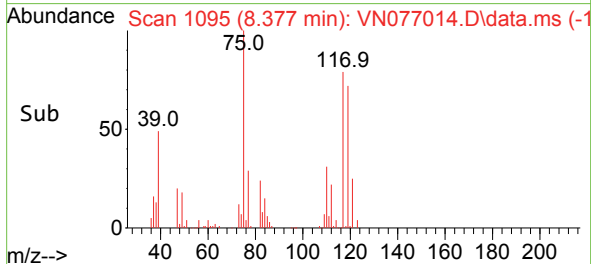
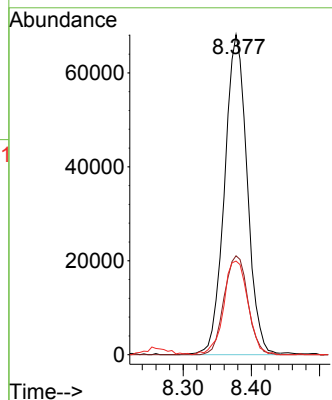
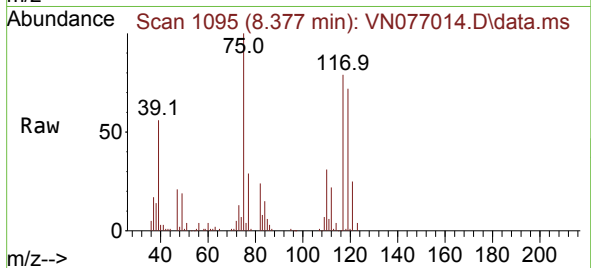
Tgt Ion: 75 Resp: 157143

Ion Ratio Lower Upper

75 100

110 32.3 0.0 67.2

77 31.4 0.0 64.4



#30

2-Butanone

Concen: 132.173 ug/l

RT: 7.489 min Scan# 944

Delta R.T. 0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

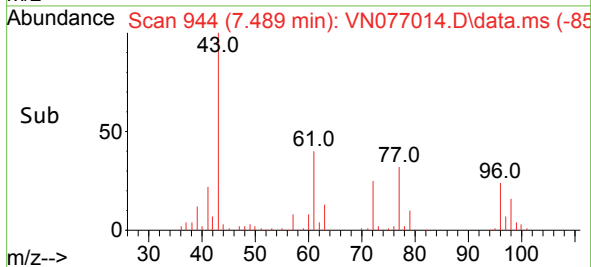
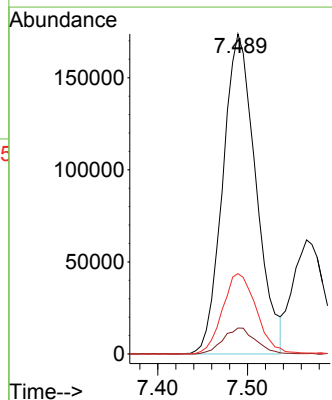
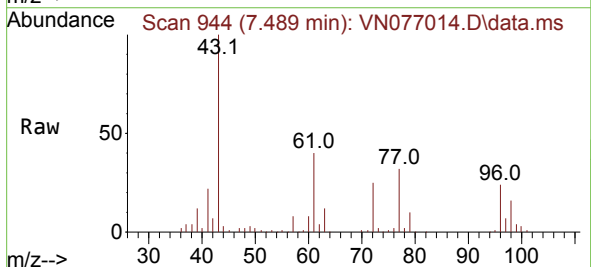
Tgt Ion: 43 Resp: 445099

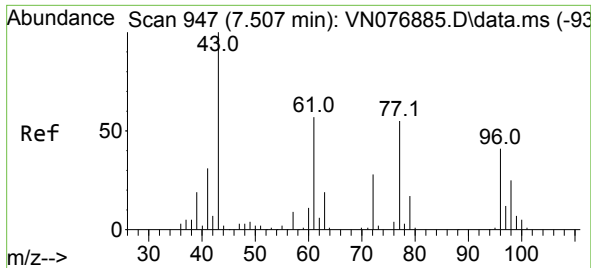
Ion Ratio Lower Upper

43 100

57 8.0 6.1 9.1

72 25.8 20.2 30.4

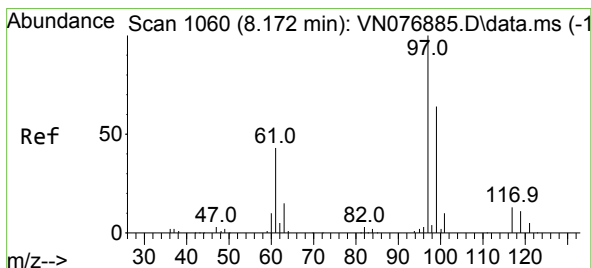
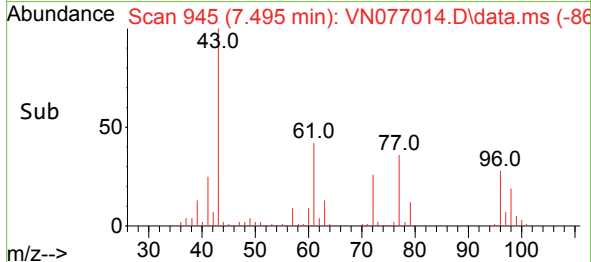
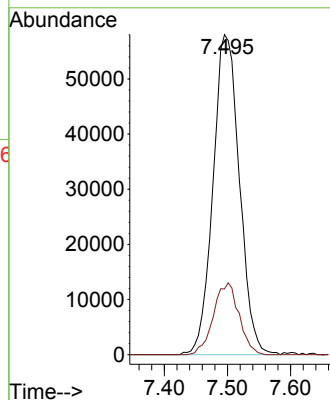
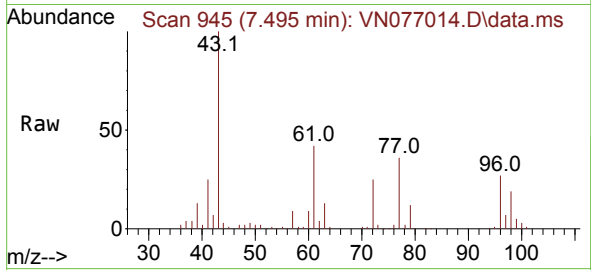




#31
2,2-Dichloropropane
Concen: 23.018 ug/l
RT: 7.495 min Scan# 947
Delta R.T. -0.006 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

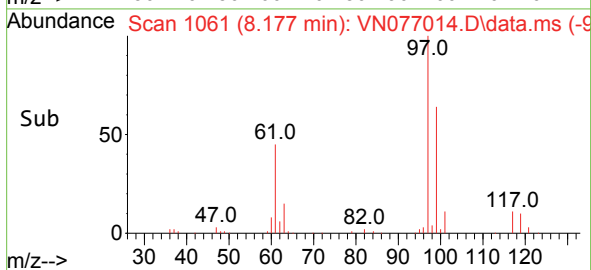
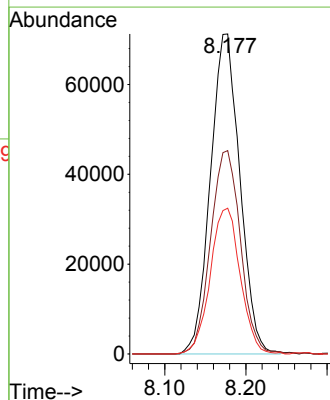
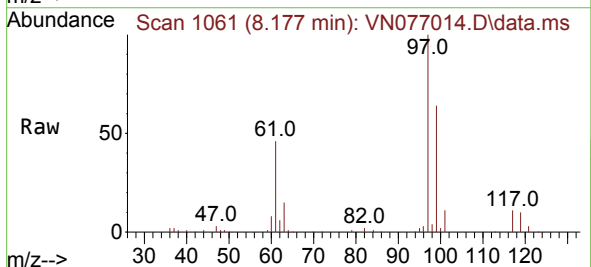
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

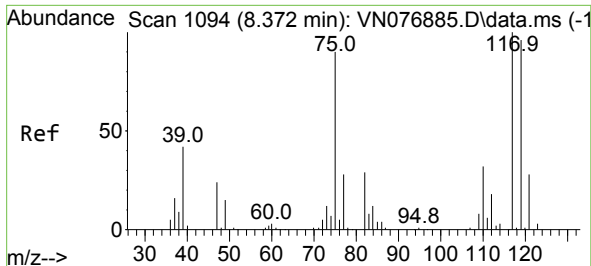
Tgt Ion: 77 Resp: 168328
Ion Ratio Lower Upper
77 100
97 21.7 7.2 10.8#



#32
1,1,1-Trichloroethane
Concen: 20.886 ug/l
RT: 8.177 min Scan# 1061
Delta R.T. -0.001 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 97 Resp: 179822
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 46.3 39.3 58.9

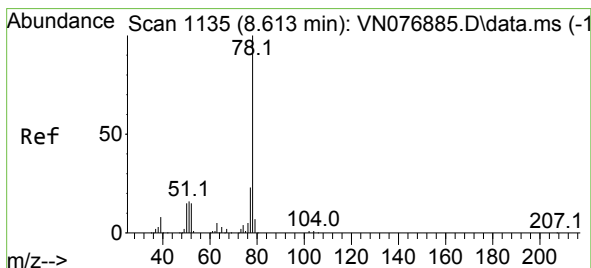
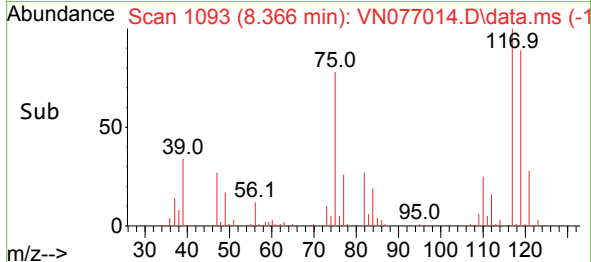
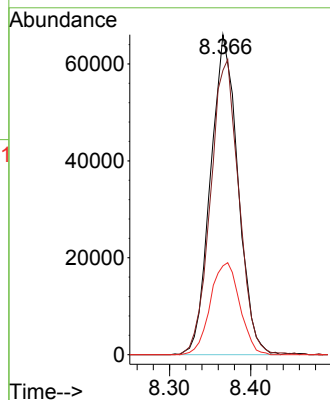
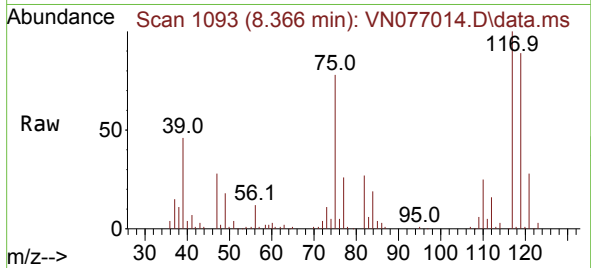




#33
Carbon Tetrachloride
Concen: 20.371 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

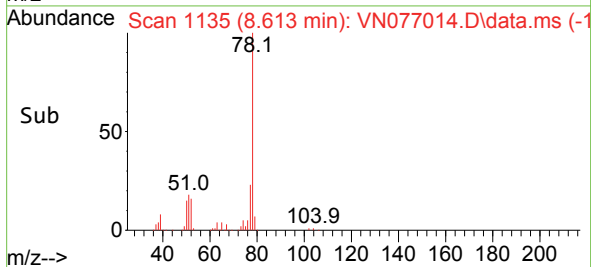
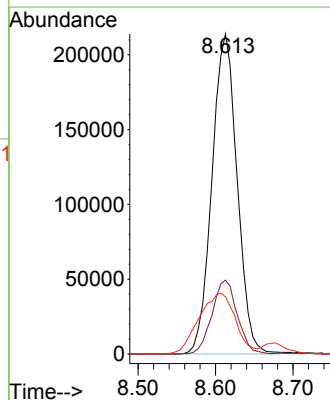
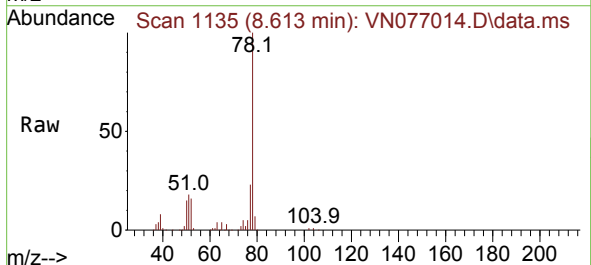
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

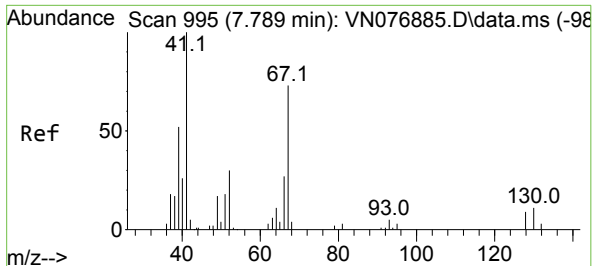
Tgt Ion:117 Resp: 155079
Ion Ratio Lower Upper
117 100
119 88.6 79.8 119.8
121 27.8 23.4 35.0



#34
Benzene
Concen: 21.312 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 78 Resp: 482274
Ion Ratio Lower Upper
78 100
77 23.1 17.4 26.2
51 16.6 13.8 20.6

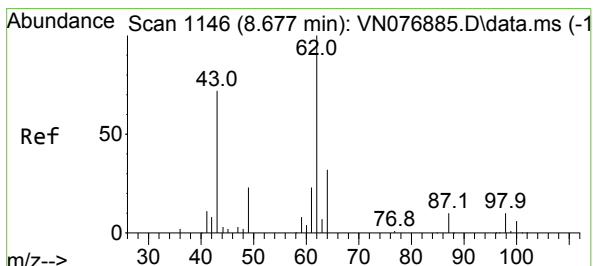
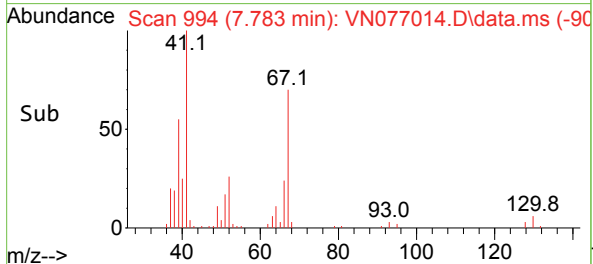
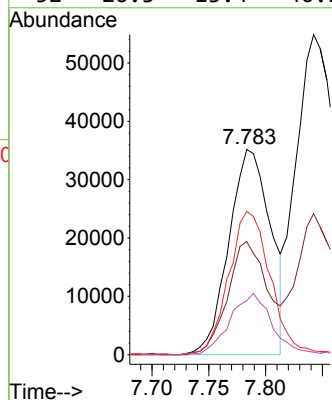
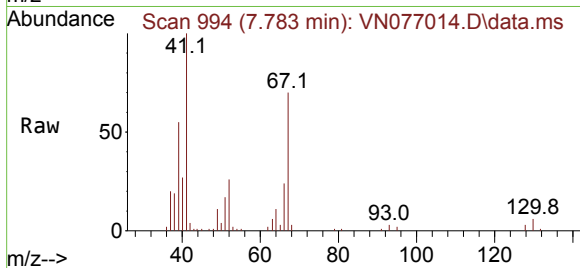




#35
Methacrylonitrile
Concen: 23.784 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

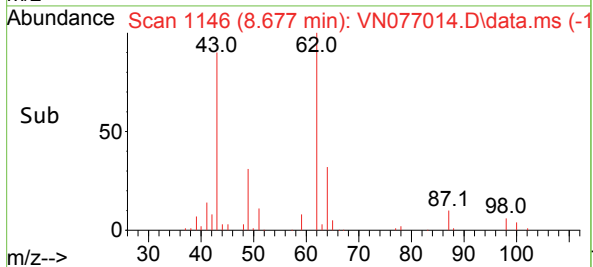
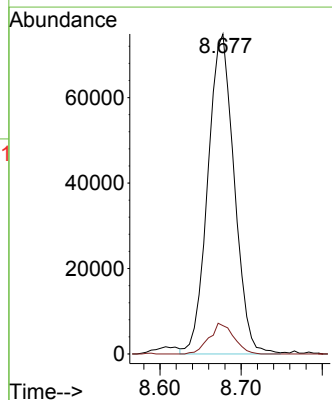
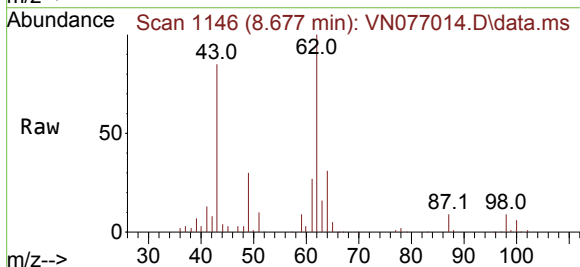
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

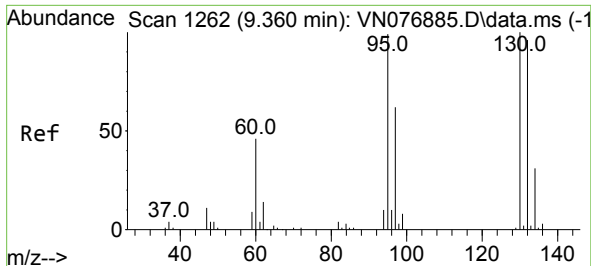
Tgt Ion:	41	Resp:	90125
Ion	Ratio	Lower	Upper
41	100		
39	55.2	26.6	79.7
67	69.7	32.3	96.9
52	26.3	13.4	40.1



#36
1,2-Dichloroethane
Concen: 22.273 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion:	62	Resp:	168939
Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.4	11.0





#37

Trichloroethene

Concen: 19.382 ug/l

RT: 9.354 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

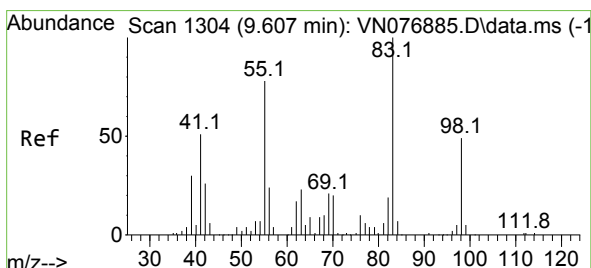
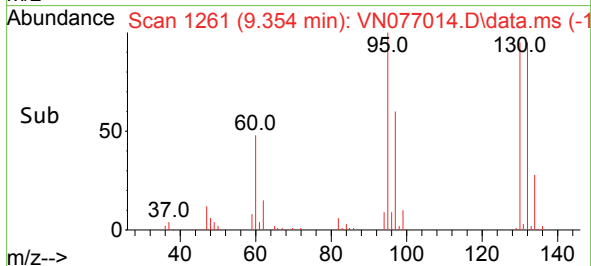
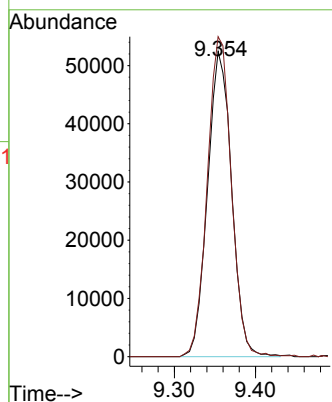
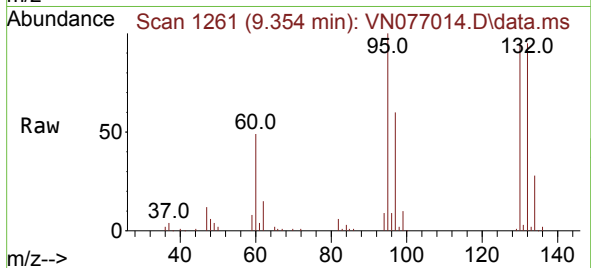
VSTDCCC020

Tgt Ion:130 Resp: 108099

Ion Ratio Lower Upper

130 100

95 104.8 78.7 118.1



#38

Methylcyclohexane

Concen: 20.799 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

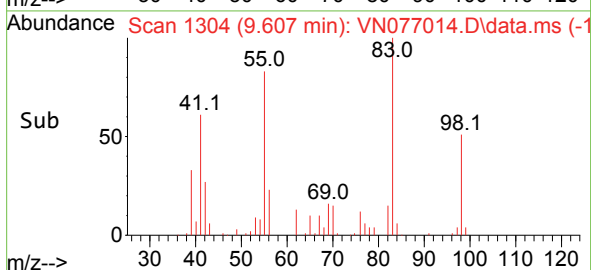
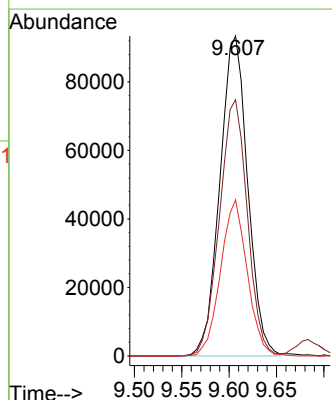
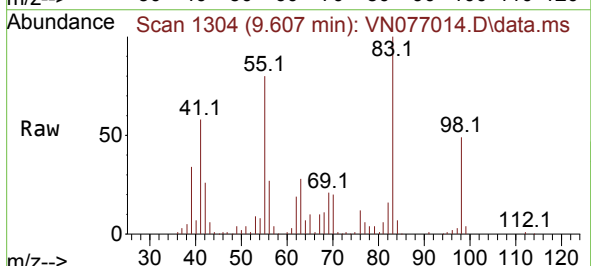
Tgt Ion: 83 Resp: 191093

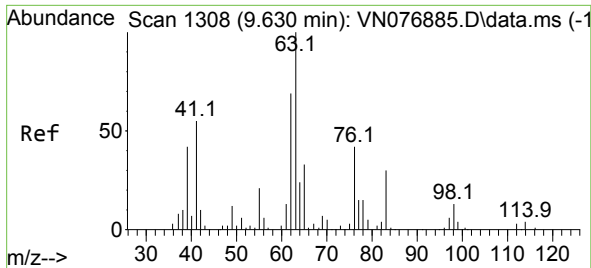
Ion Ratio Lower Upper

83 100

55 80.1 37.6 112.9

98 46.8 24.1 72.4





#39

1,2-Dichloropropane

Concen: 22.040 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

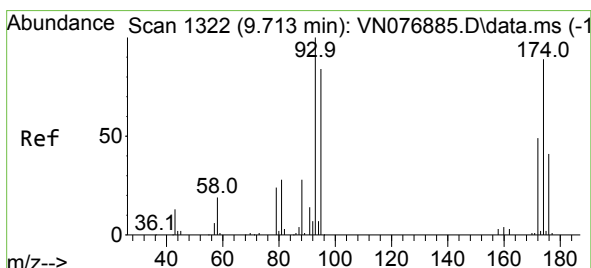
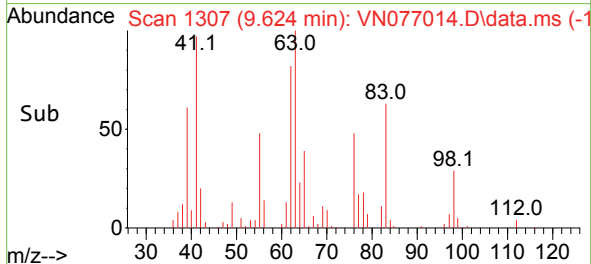
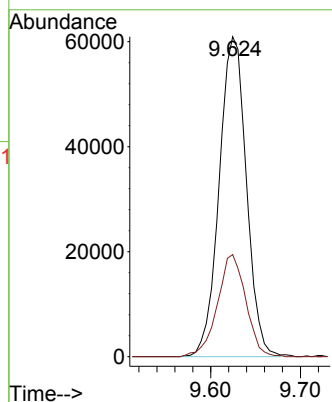
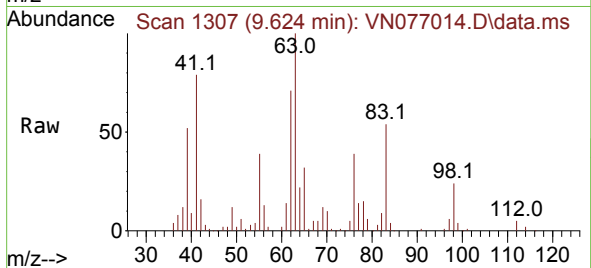
VSTDCCC020

Tgt Ion: 63 Resp: 128141

Ion Ratio Lower Upper

63 100

65 31.9 27.2 40.8



#40

Dibromomethane

Concen: 21.207 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

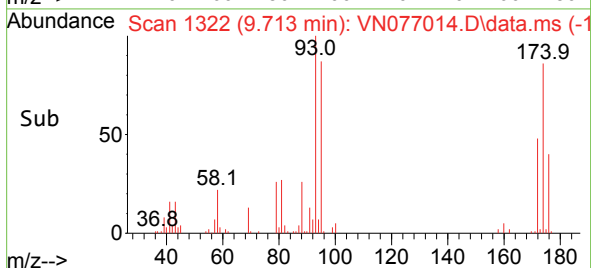
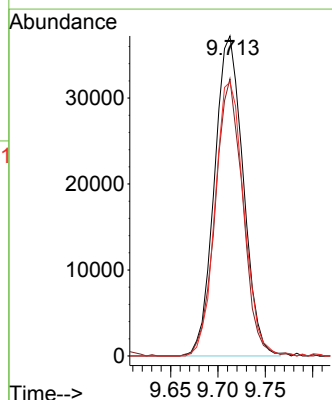
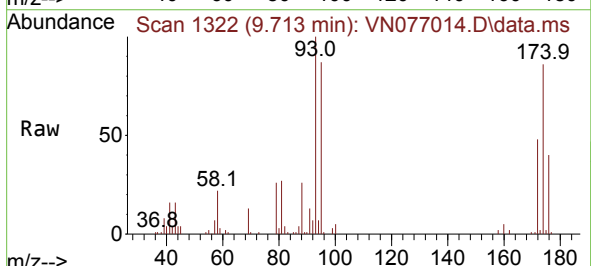
Tgt Ion: 93 Resp: 78551

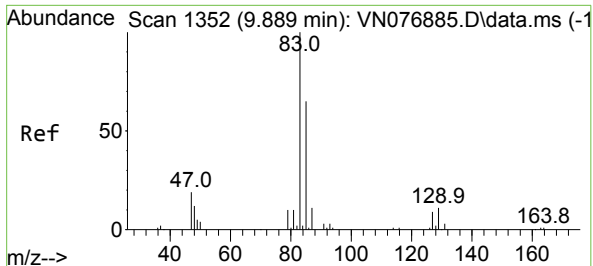
Ion Ratio Lower Upper

93 100

95 82.4 0.0 158.0

174 85.7 0.0 171.2

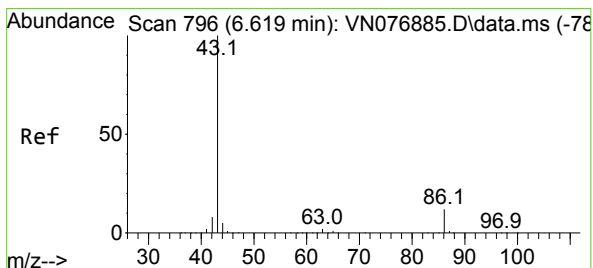
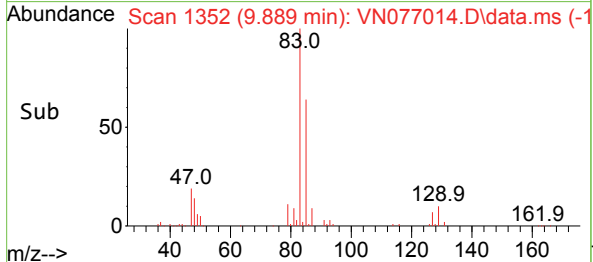
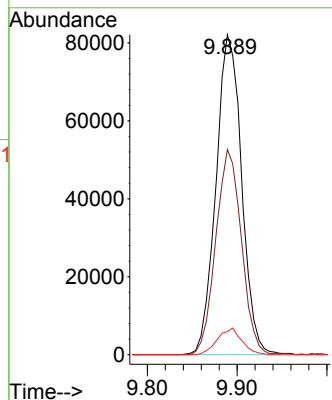
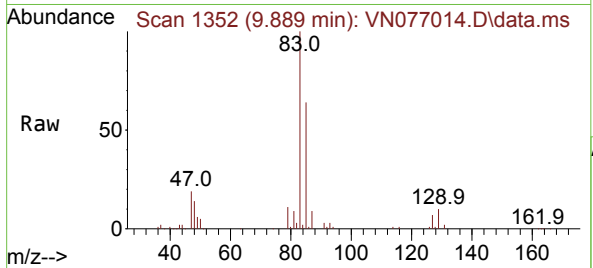




#41
Bromodichloromethane
Concen: 21.487 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

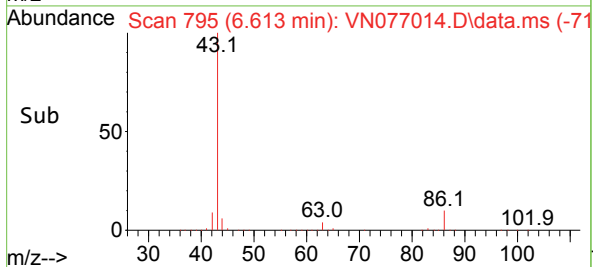
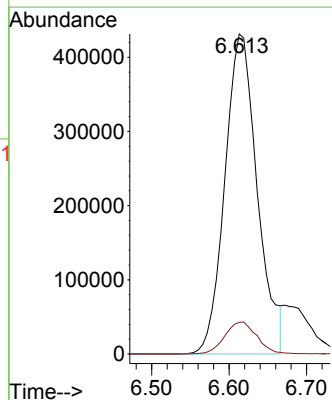
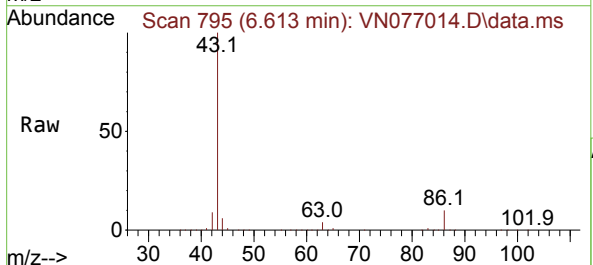
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

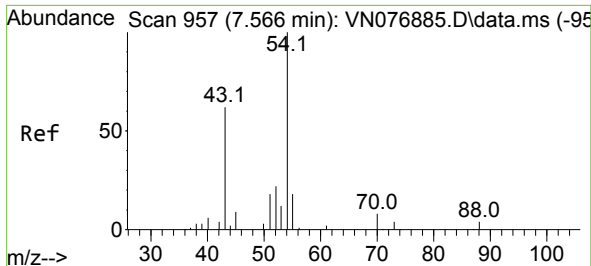
Tgt Ion: 83 Resp: 163110
Ion Ratio Lower Upper
83 100
85 64.1 51.0 76.4
127 7.3 6.2 9.2



#42
Vinyl Acetate
Concen: 119.672 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 43 Resp: 1256224
Ion Ratio Lower Upper
43 100
86 9.9 7.8 11.6

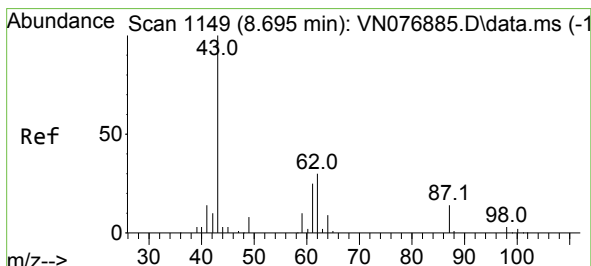
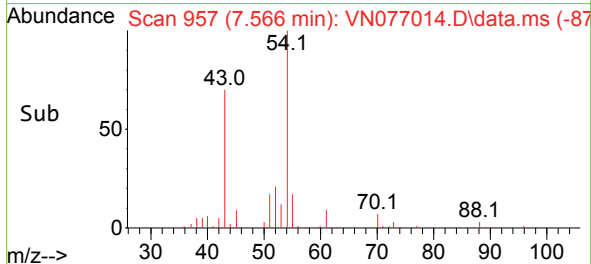
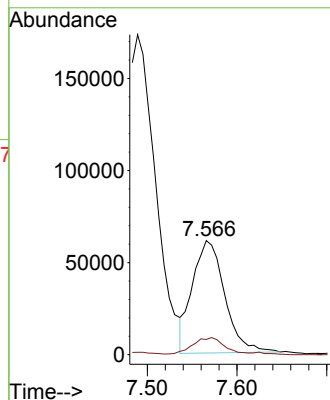
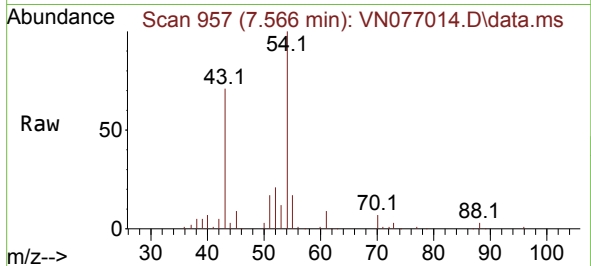




#43
Ethyl Acetate
Concen: 22.438 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

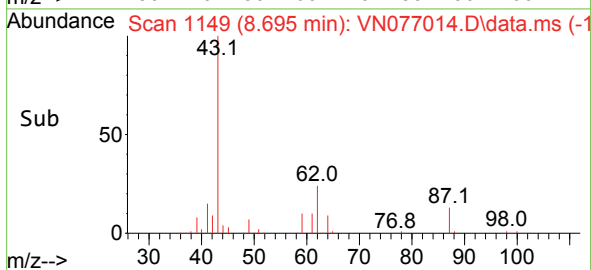
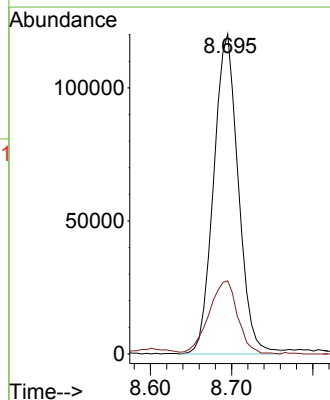
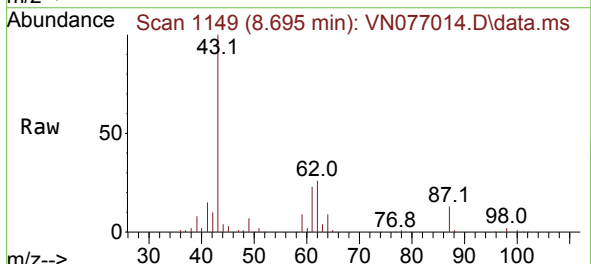
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

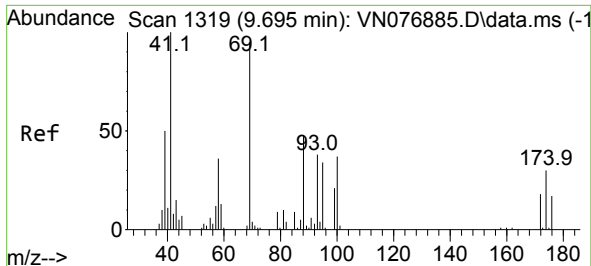
Tgt Ion: 43 Resp: 152469
Ion Ratio Lower Upper
43 100
45 14.0 11.2 16.8



#44
Isopropyl Acetate
Concen: 23.013 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 43 Resp: 253488
Ion Ratio Lower Upper
43 100
61 26.3 19.5 29.3





#45

1,4-Dioxane

Concen: 442.443 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

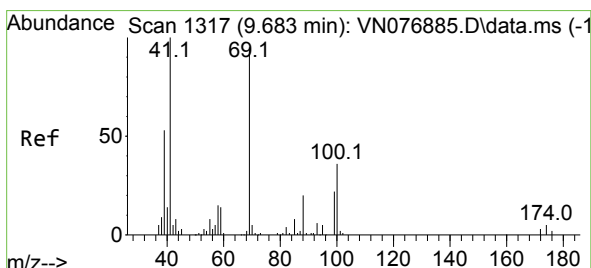
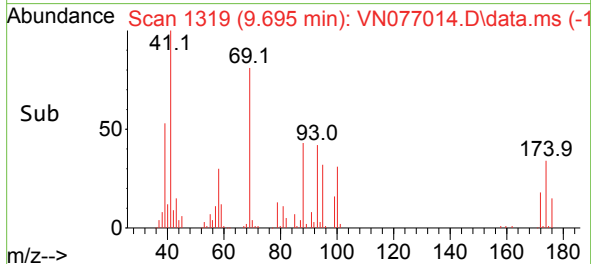
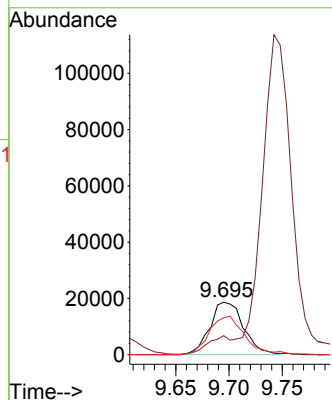
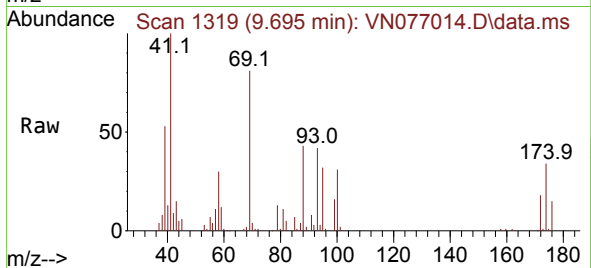
Tgt Ion: 88 Resp: 40999

Ion Ratio Lower Upper

88 100

43 23.2 26.0 39.0#

58 75.3 54.3 81.5



#46

Methyl methacrylate

Concen: 23.318 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

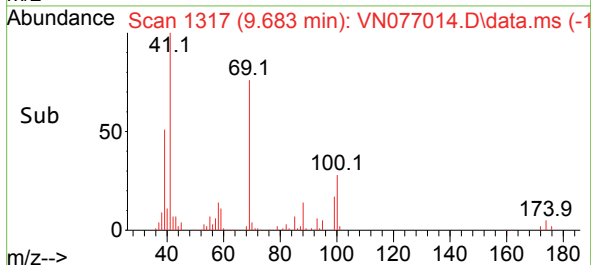
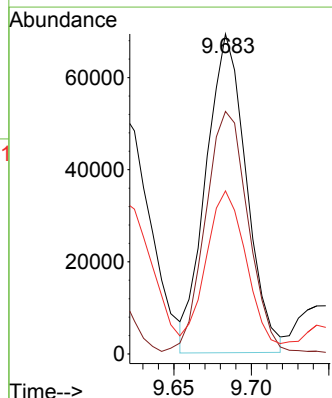
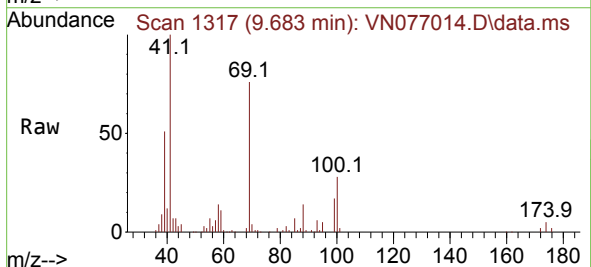
Tgt Ion: 41 Resp: 125081

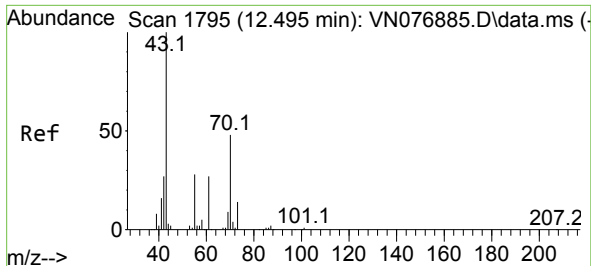
Ion Ratio Lower Upper

41 100

69 77.7 40.6 121.7

39 50.4 30.5 91.5

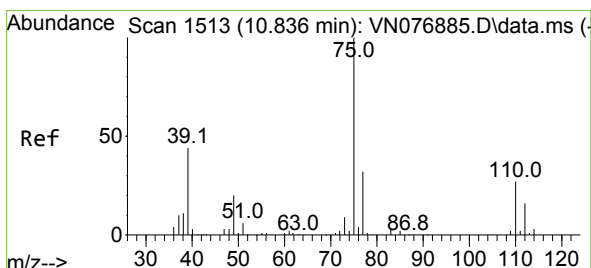
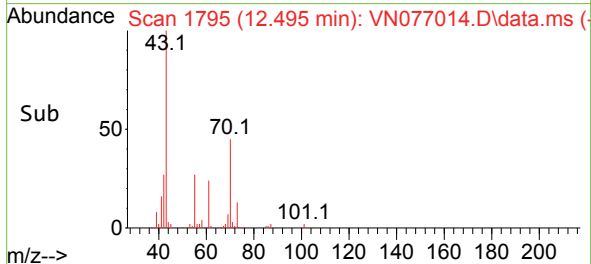
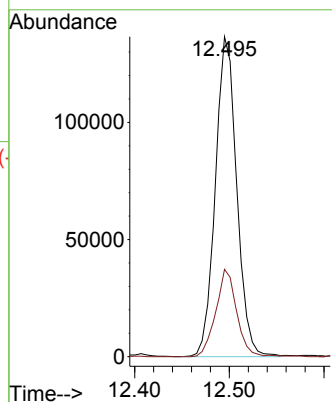
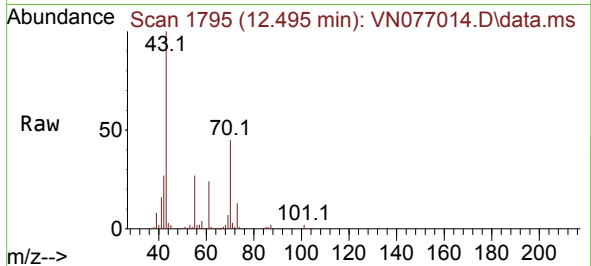




#47
n-amy1 Acetate
Concen: 23.871 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

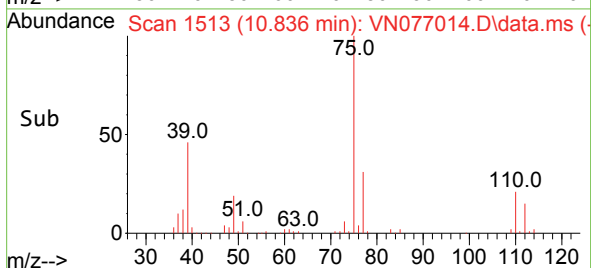
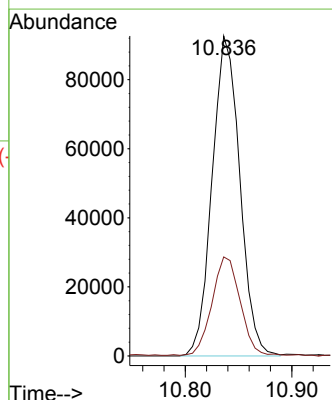
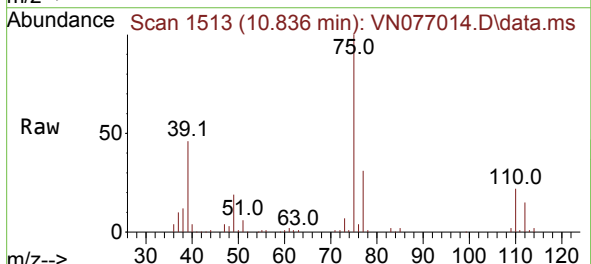
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

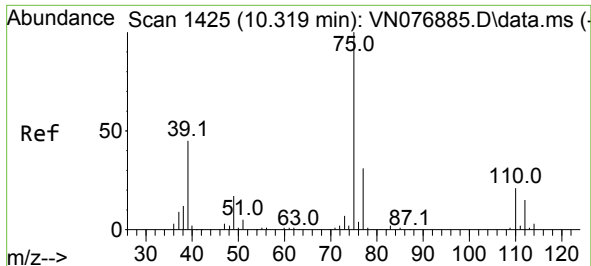
Tgt Ion: 43 Resp: 213984
Ion Ratio Lower Upper
43 100
55 26.5 18.3 27.5



#48
t-1,3-Dichloropropene
Concen: 21.968 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 75 Resp: 167024
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 21.900 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

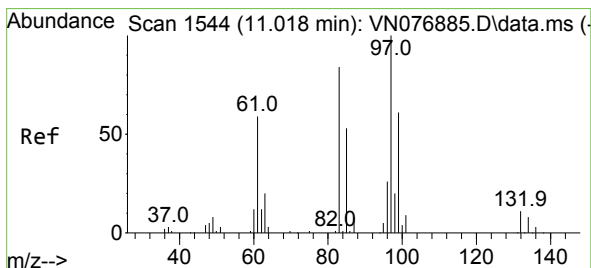
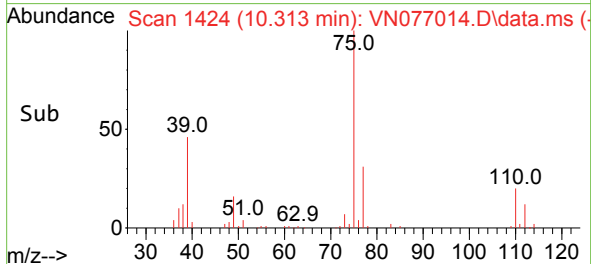
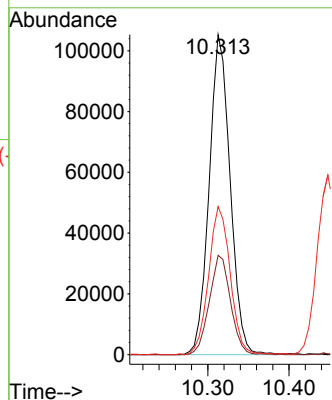
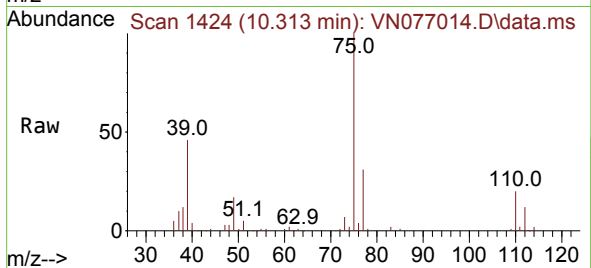
Tgt Ion: 75 Resp: 189121

Ion Ratio Lower Upper

75 100

77 31.1 27.5 41.3

39 46.0 43.5 65.3



#50

1,1,2-Trichloroethane

Concen: 20.518 ug/l

RT: 11.018 min Scan# 1544

Delta R.T. -0.001 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Tgt Ion: 97 Resp: 111337

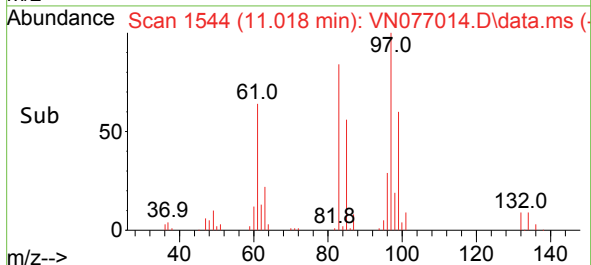
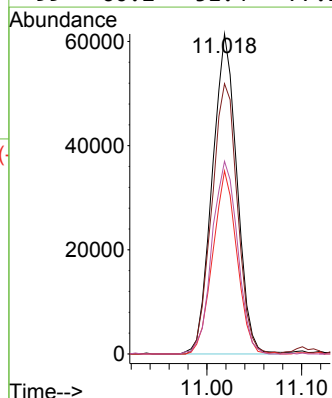
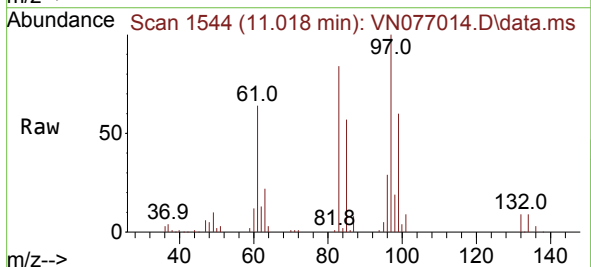
Ion Ratio Lower Upper

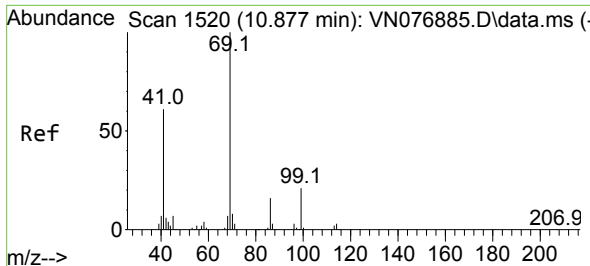
97 100

83 84.5 71.0 106.4

85 57.2 45.5 68.3

99 60.2 51.4 77.2

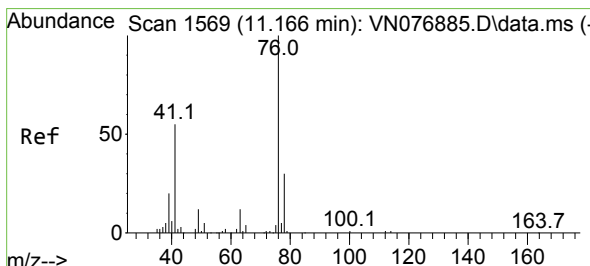
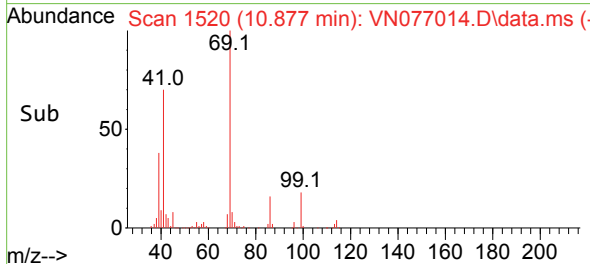
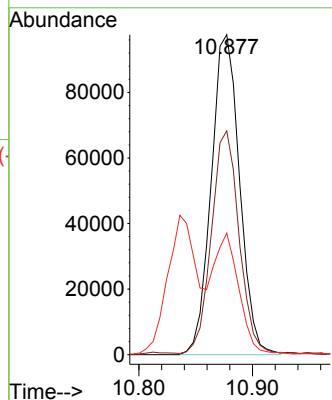
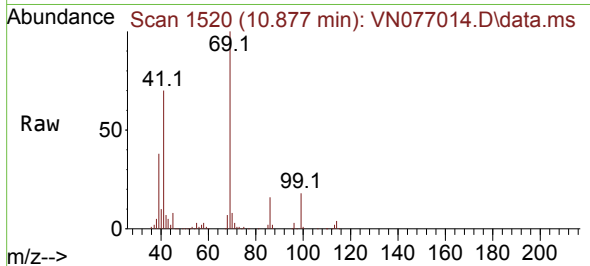




#51
Ethyl methacrylate
Concen: 21.163 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

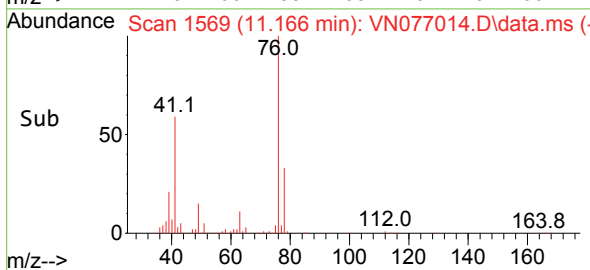
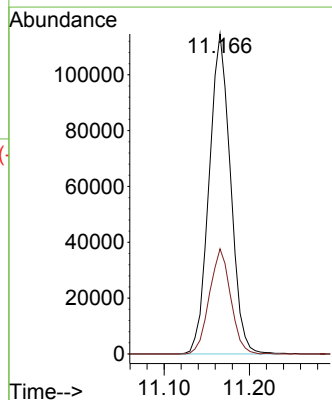
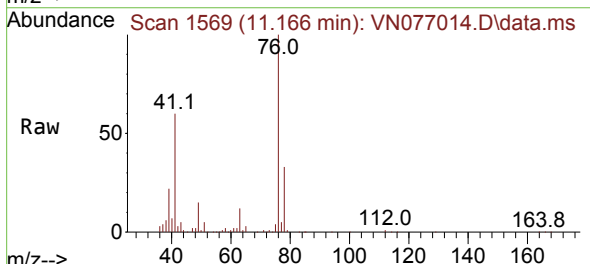
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

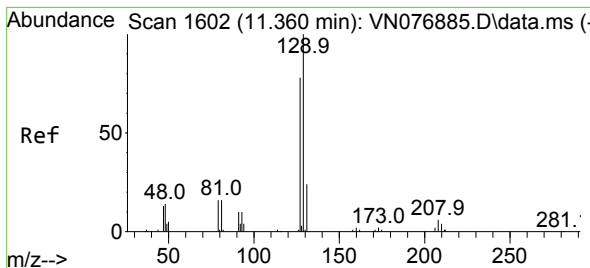
Tgt Ion: 69 Resp: 169296
Ion Ratio Lower Upper
69 100
41 69.5 36.3 108.7
39 37.3 19.9 59.7



#52
1,3-Dichloropropane
Concen: 21.305 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 76 Resp: 199684
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





#53

Dibromochloromethane

Concen: 20.888 ug/l

RT: 11.360 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

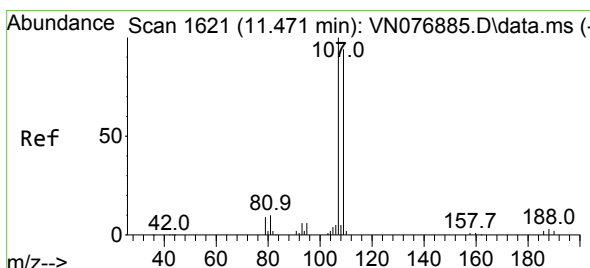
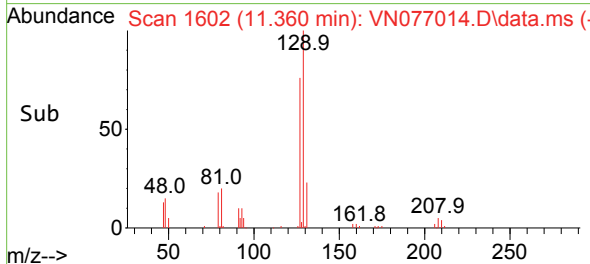
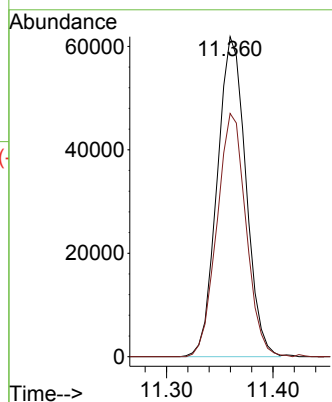
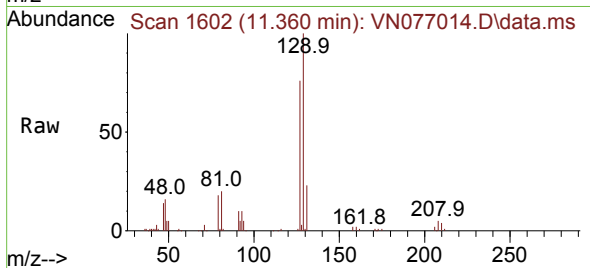
VSTDCCC020

Tgt Ion:129 Resp: 115632

Ion Ratio Lower Upper

129 100

127 77.1 39.4 118.1



#54

1,2-Dibromoethane

Concen: 20.695 ug/l

RT: 11.471 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VN077014.D

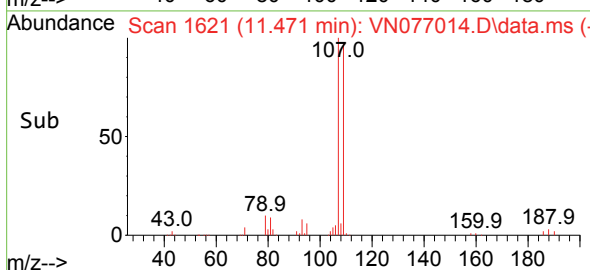
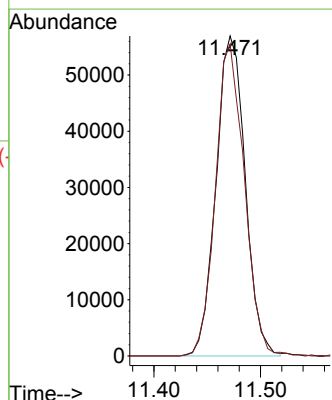
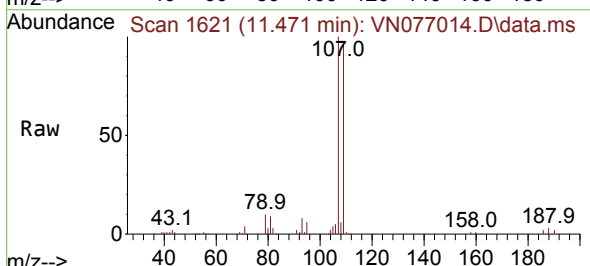
Acq: 16 Mar 2023 11:13

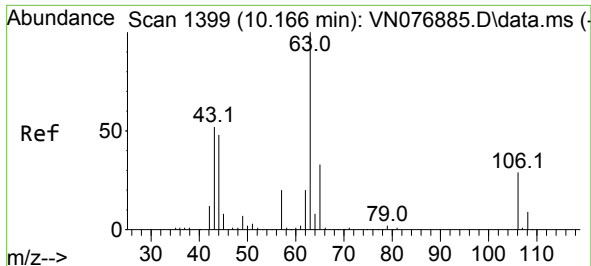
Tgt Ion:107 Resp: 108367

Ion Ratio Lower Upper

107 100

109 95.8 74.6 112.0

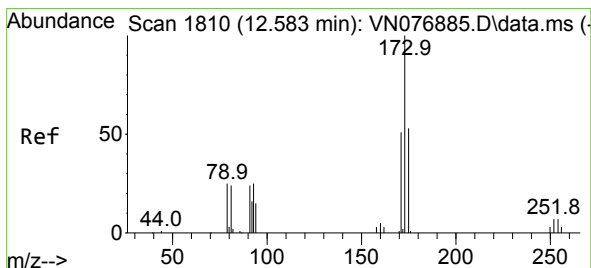
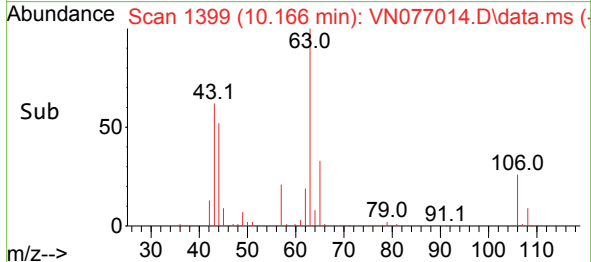
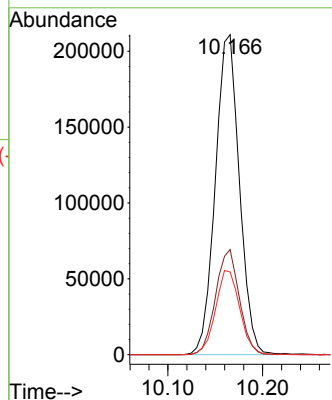
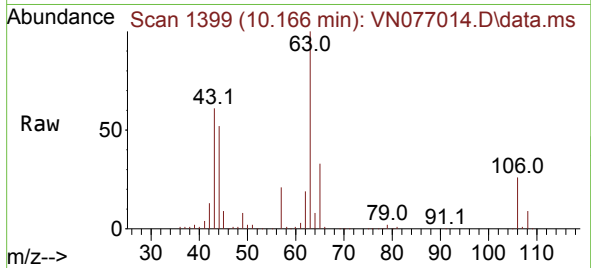




#55
2-Chloroethyl vinyl ether
Concen: 132.819 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

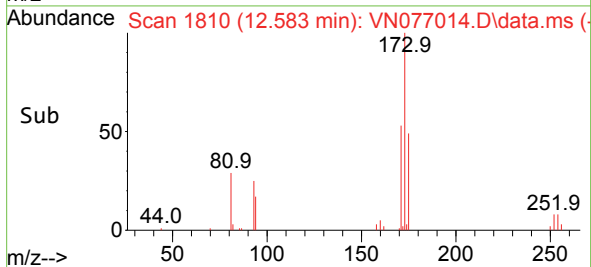
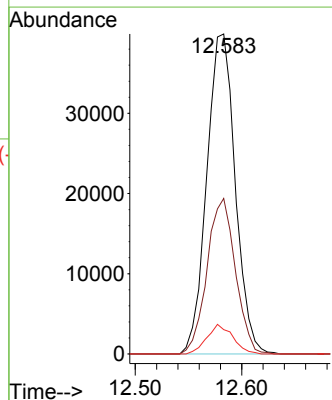
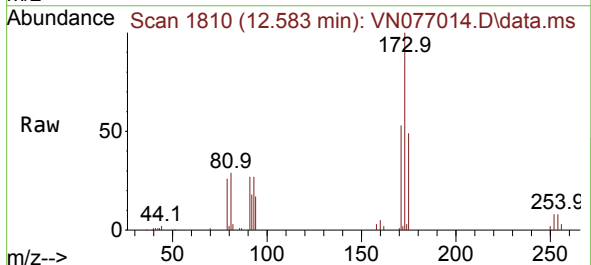
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

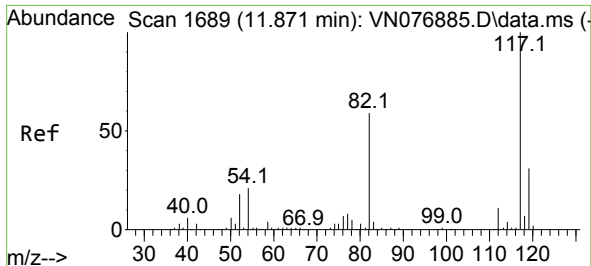
Tgt Ion: 63 Resp: 372533
Ion Ratio Lower Upper
63 100
65 32.4 26.3 39.5
106 26.6 21.6 32.4



#56
Bromoform
Concen: 20.027 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion:173 Resp: 74171
Ion Ratio Lower Upper
173 100
175 48.3 37.8 56.6
254 8.4 7.3 10.9

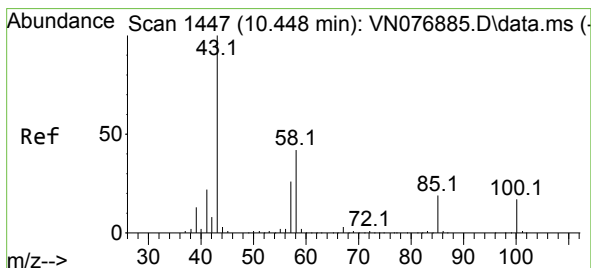
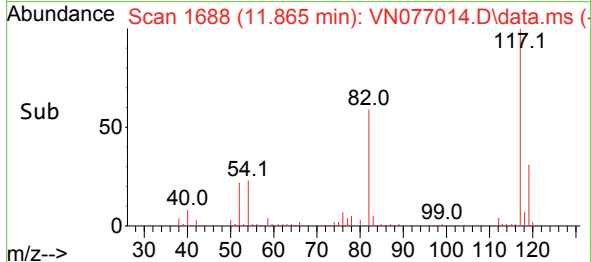
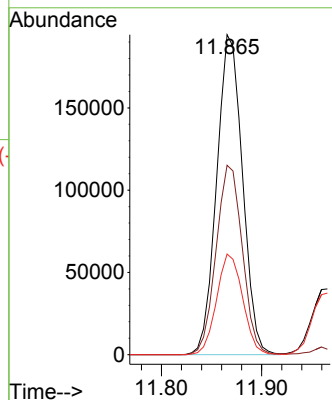
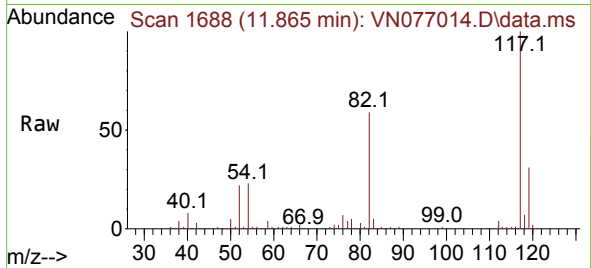




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

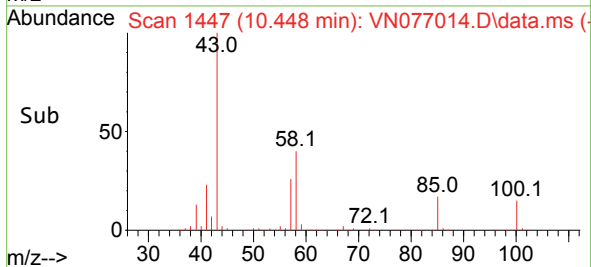
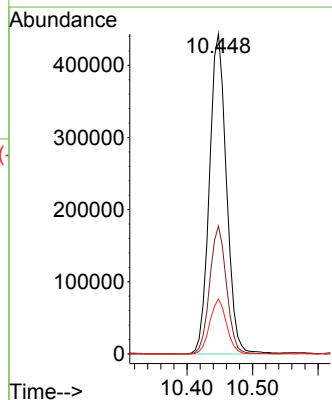
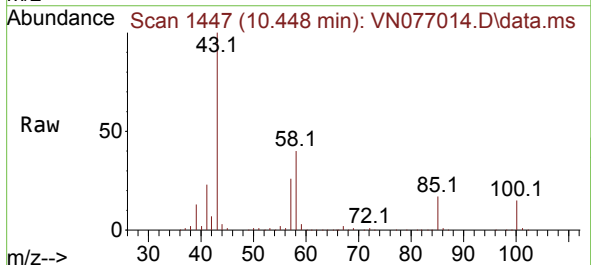
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

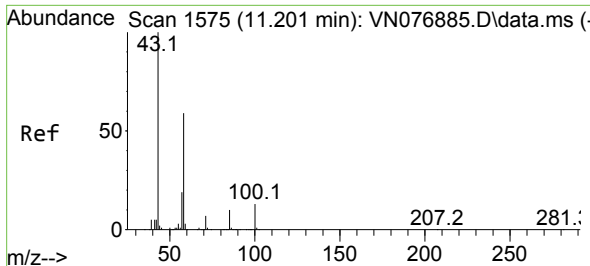
Tgt Ion:117 Resp: 348396
Ion Ratio Lower Upper
117 100
82 60.2 45.4 68.0
119 31.8 26.8 40.2



#58
4-Methyl-2-Pentanone
Concen: 114.167 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 43 Resp: 803516
Ion Ratio Lower Upper
43 100
58 39.3 28.6 42.8
85 17.0 11.8 17.8

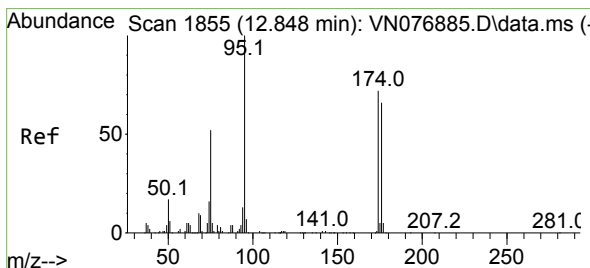
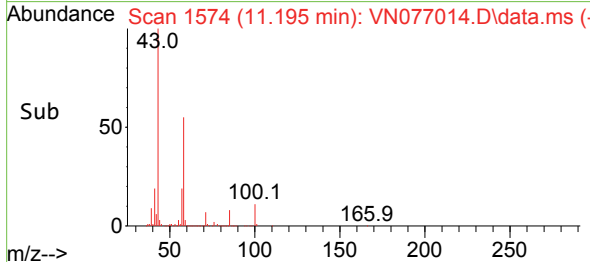
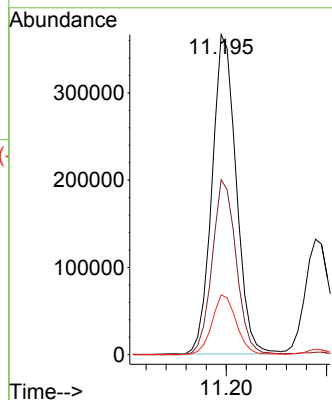
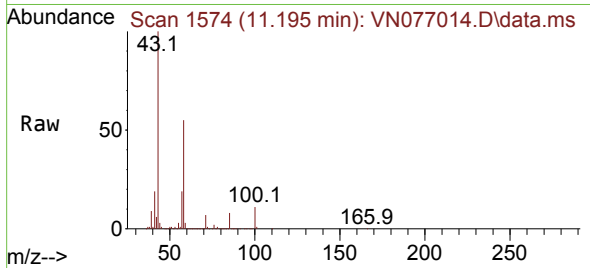




#59
2-Hexanone
Concen: 122.805 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

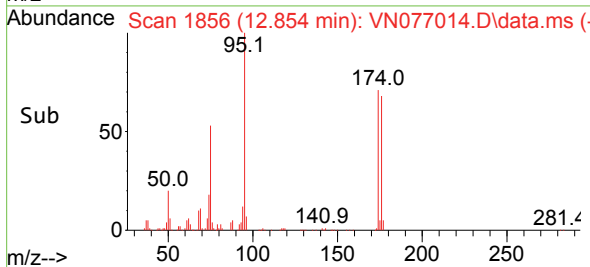
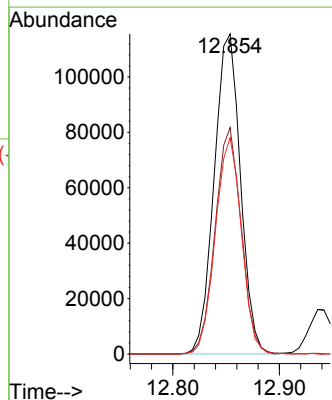
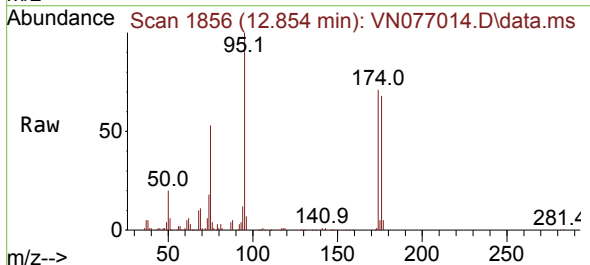
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

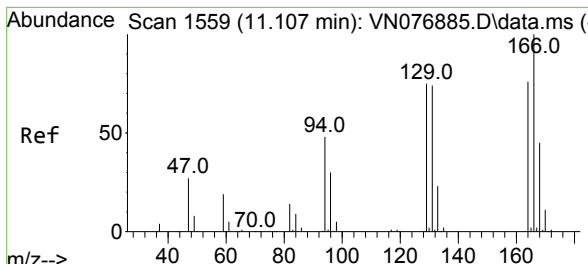
Tgt Ion: 43 Resp: 613986
Ion Ratio Lower Upper
43 100
58 54.7 40.6 60.8
57 18.9 13.1 19.7



#60
4-Bromofluorobenzene
Concen: 30.046 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 95 Resp: 198117
Ion Ratio Lower Upper
95 100
174 69.9 64.2 96.4
176 66.9 61.4 92.0

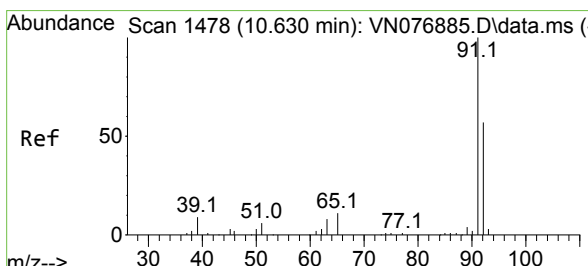
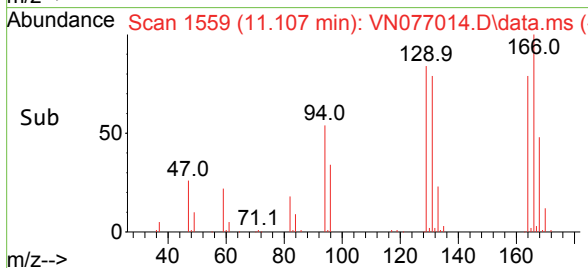
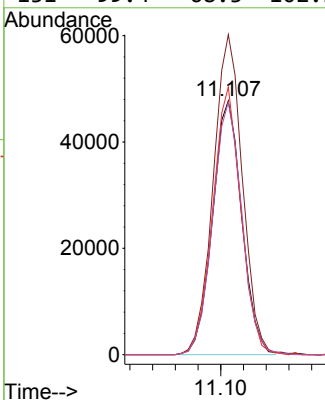
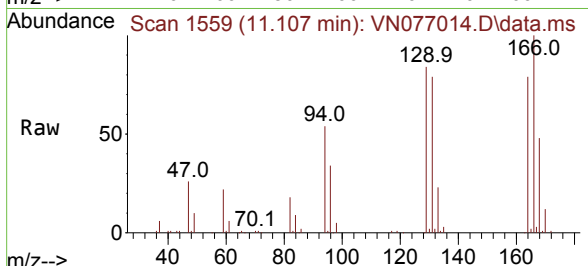




#61
Tetrachloroethene
Concen: 15.486 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

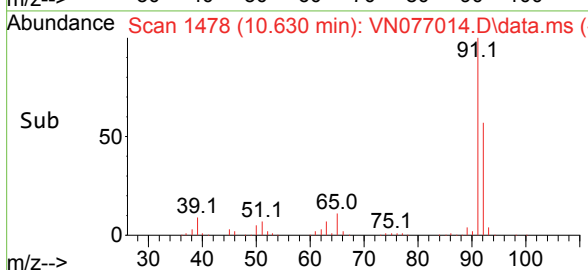
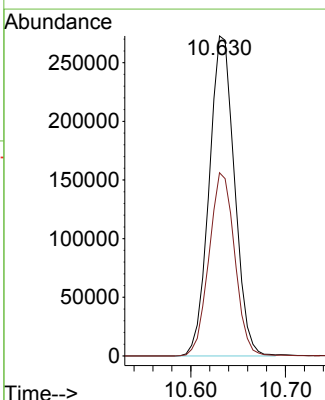
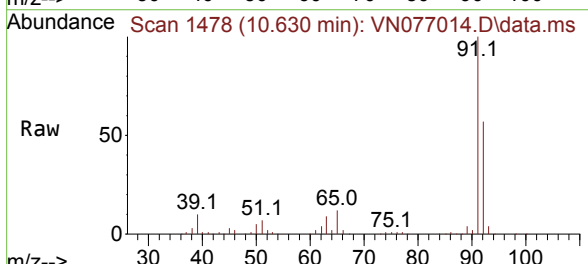
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

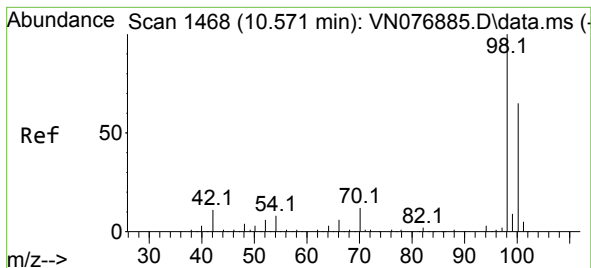
Tgt Ion:164	Resp:	85171
Ion	Ratio	Lower Upper
164	100	
166	126.0	96.2 144.2
129	105.4	78.2 117.4
131	99.4	68.3 102.5



#62
Toluene
Concen: 21.141 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 91	Resp:	507526
Ion	Ratio	Lower Upper
91	100	
92	58.1	46.3 69.5





#63

Toluene-d8

Concen: 30.546 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

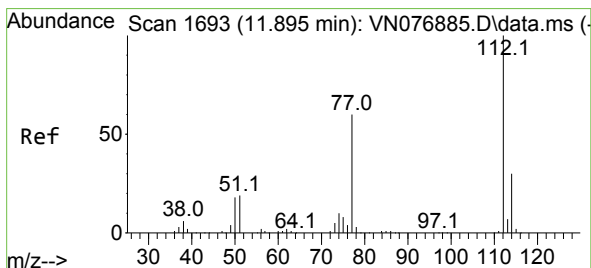
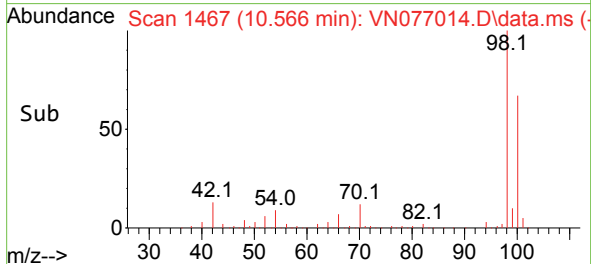
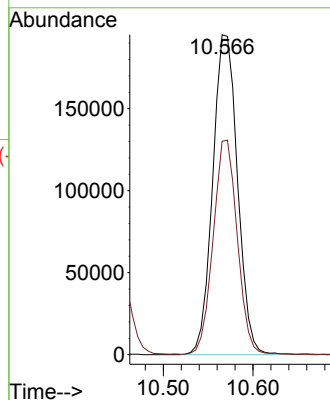
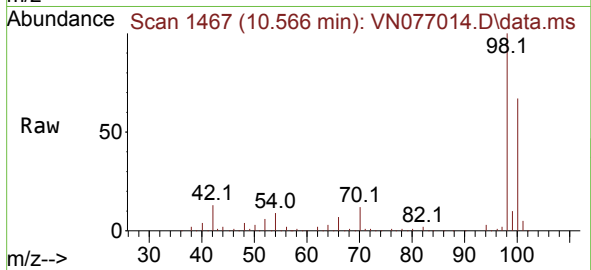
VSTDCCC020

Tgt Ion: 98 Resp: 374313

Ion Ratio Lower Upper

98 100

100 65.3 53.8 80.6



#64

Chlorobenzene

Concen: 20.494 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077014.D

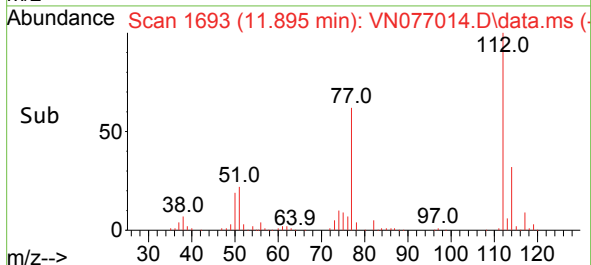
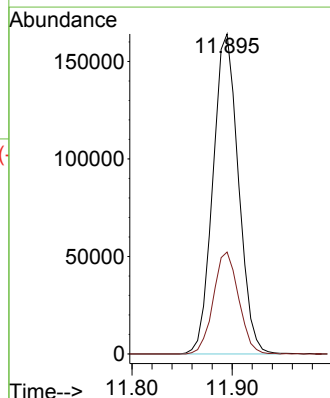
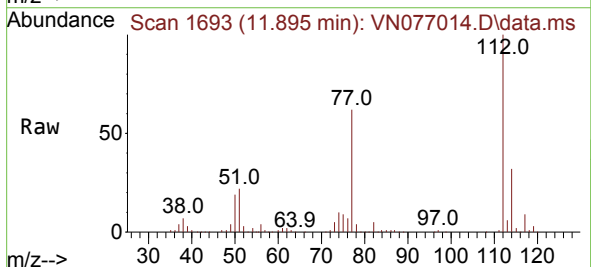
Acq: 16 Mar 2023 11:13

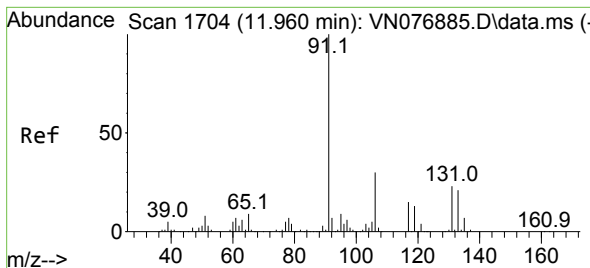
Tgt Ion:112 Resp: 289603

Ion Ratio Lower Upper

112 100

114 31.9 24.5 36.7





#65

1,1,1,2-Tetrachloroethane

Concen: 20.400 ug/l

RT: 11.965 min Scan# 1705

Delta R.T. -0.001 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

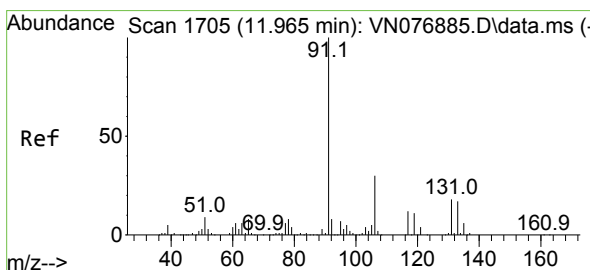
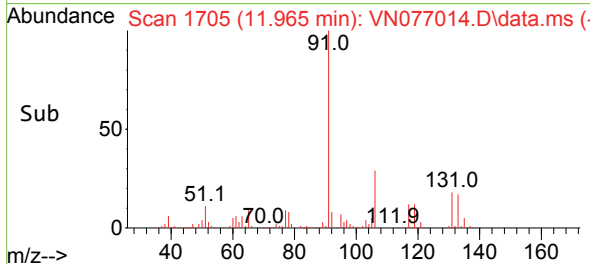
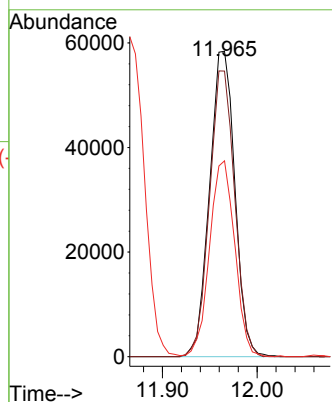
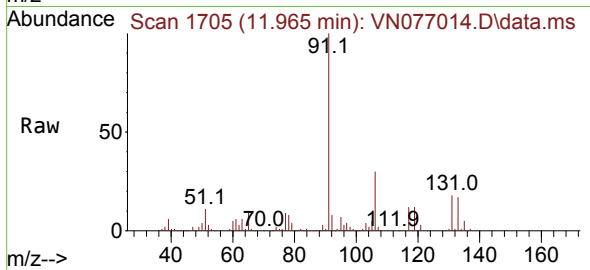
Tgt Ion:131 Resp: 108278

Ion Ratio Lower Upper

131 100

133 93.4 0.0 197.6

119 63.9 0.0 127.8



#66

Ethyl Benzene

Concen: 21.015 ug/l

RT: 11.965 min Scan# 1705

Delta R.T. -0.001 min

Lab File: VN077014.D

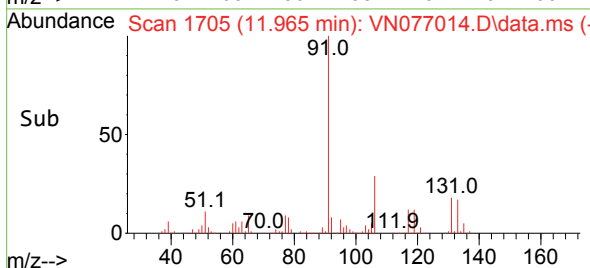
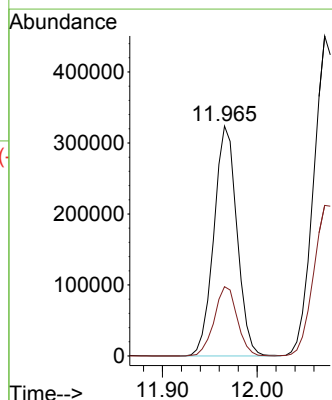
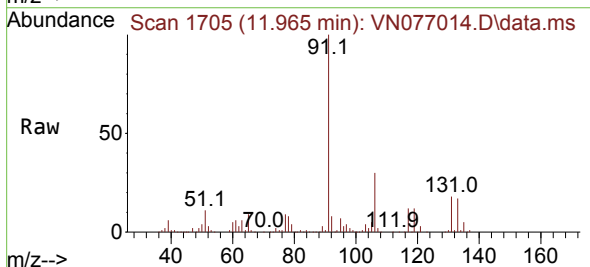
Acq: 16 Mar 2023 11:13

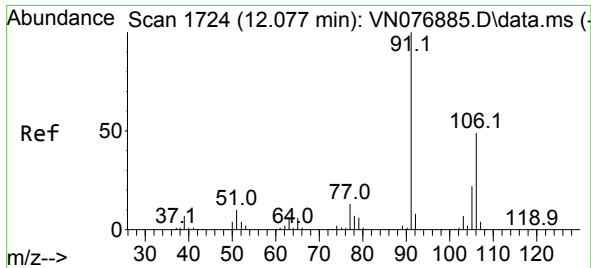
Tgt Ion: 91 Resp: 547731

Ion Ratio Lower Upper

91 100

106 30.1 23.8 35.8

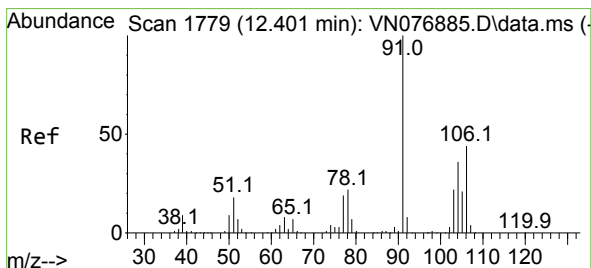
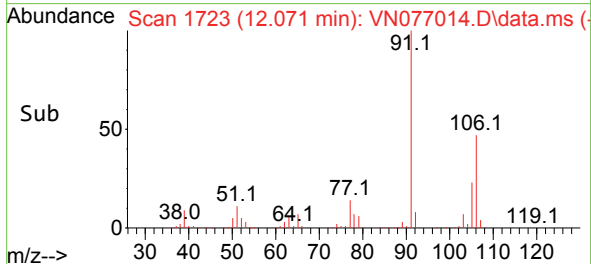
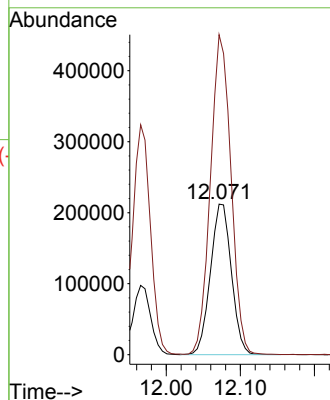
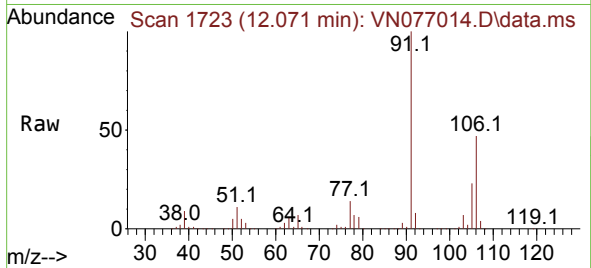




#67
m/p-Xylenes
Concen: 42.193 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

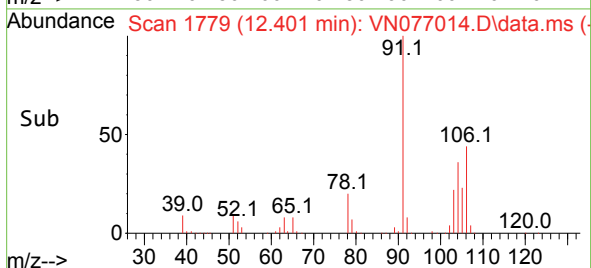
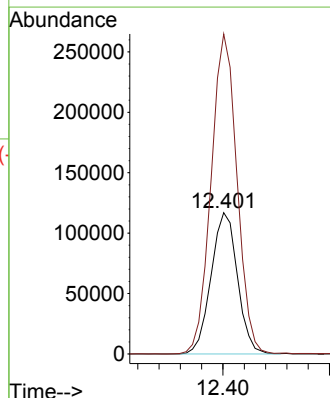
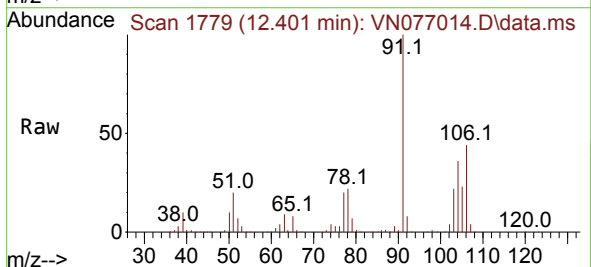
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

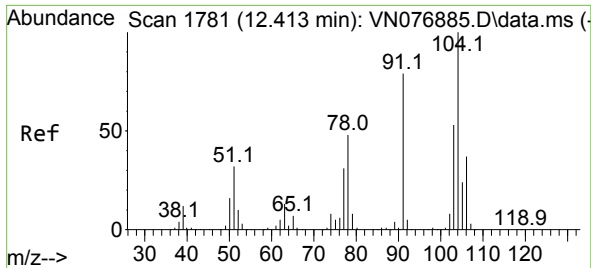
Tgt Ion:106 Resp: 416560
Ion Ratio Lower Upper
106 100
91 208.9 157.4 236.2



#68
o-Xylene
Concen: 20.828 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion:106 Resp: 200759
Ion Ratio Lower Upper
106 100
91 222.4 107.2 321.6

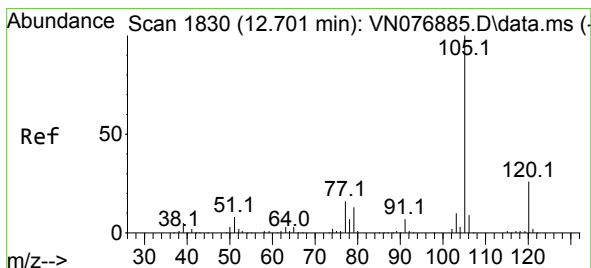
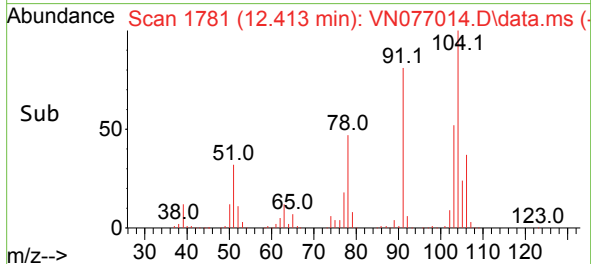
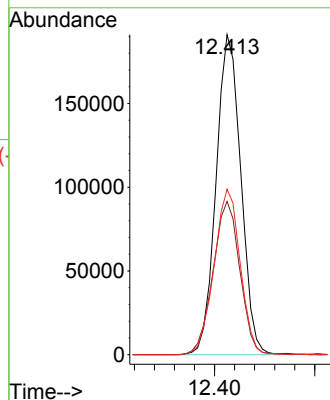
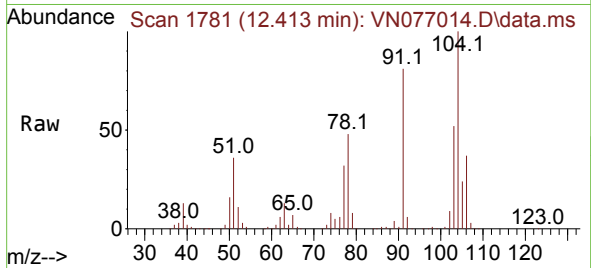




#69
Styrene
Concen: 20.934 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

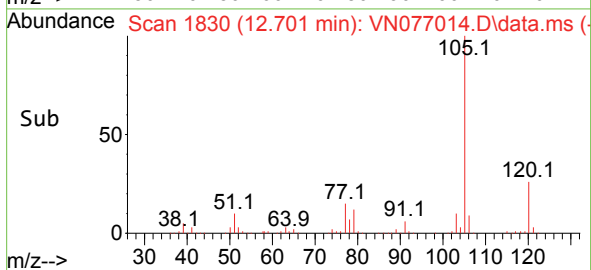
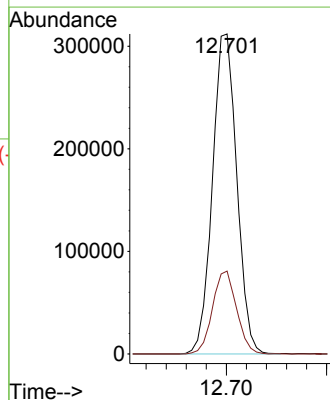
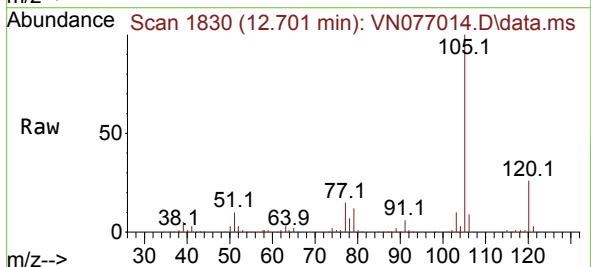
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

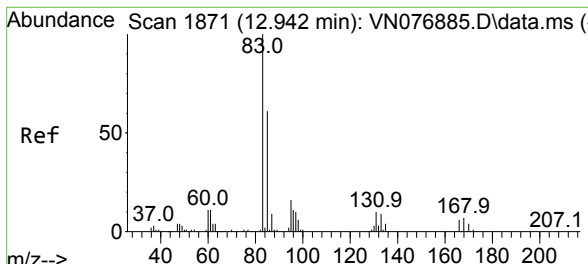
Tgt Ion:104 Resp: 327257
Ion Ratio Lower Upper
104 100
78 52.0 39.6 59.4
103 54.6 43.9 65.9



#70
Isopropylbenzene
Concen: 20.956 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion:105 Resp: 525572
Ion Ratio Lower Upper
105 100
120 25.5 19.0 35.2

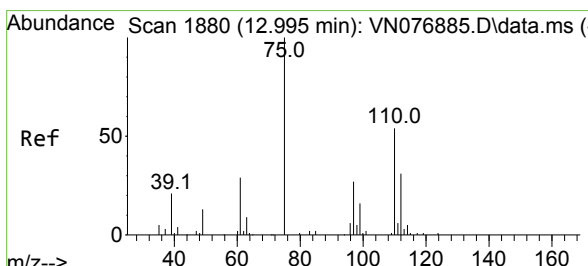
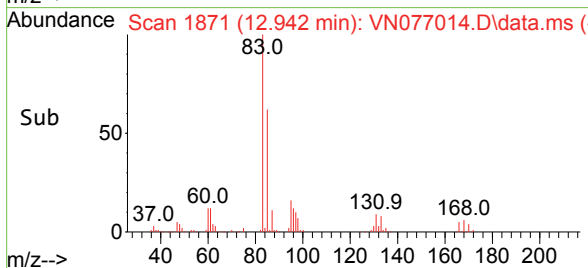
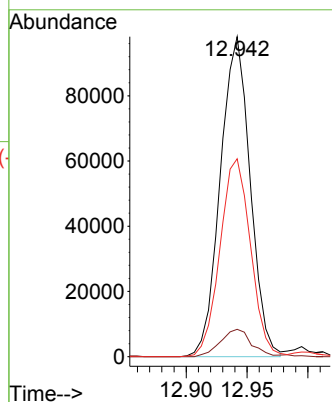
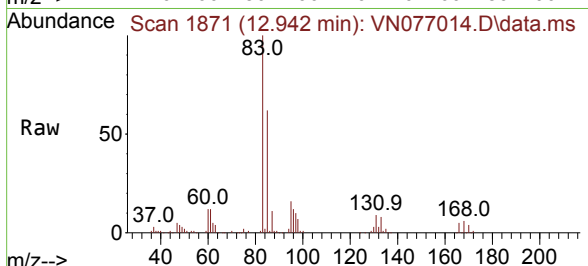




#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.176 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. -0.000 min
 Lab File: VN077014.D
 Acq: 16 Mar 2023 11:13

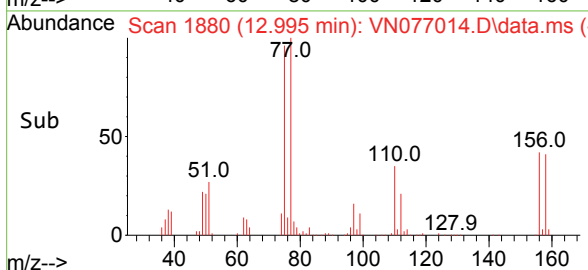
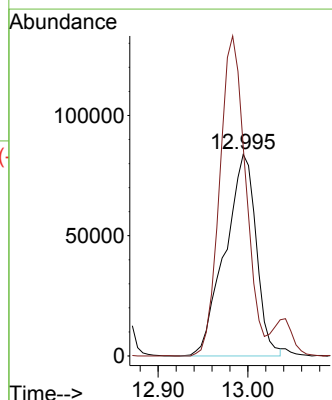
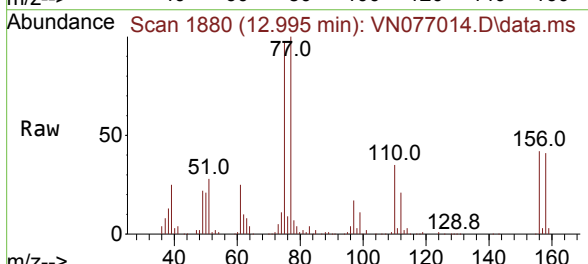
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

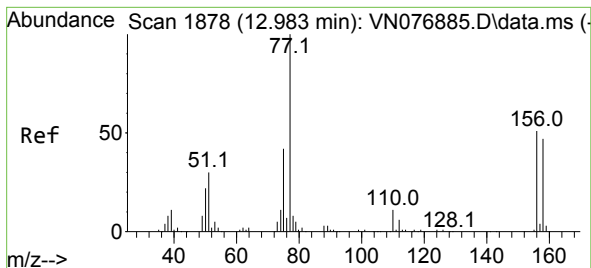
Tgt Ion: 83 Resp: 167689
 Ion Ratio Lower Upper
 83 100
 131 8.8 5.0 14.9
 85 63.3 32.3 96.9



#72
 1,2,3-Trichloropropane
 Concen: 29.213 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN077014.D
 Acq: 16 Mar 2023 11:13

Tgt Ion: 75 Resp: 202646
 Ion Ratio Lower Upper
 75 100
 77 131.8 0.0 332.6





#73

Bromobenzene

Concen: 19.915 ug/l

RT: 12.983 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

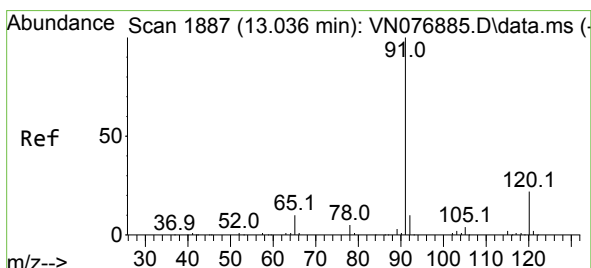
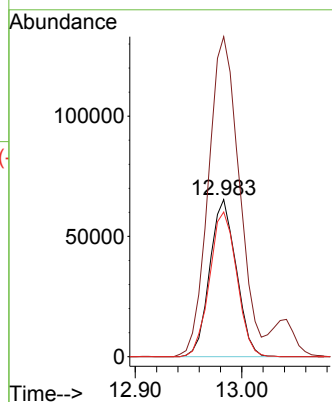
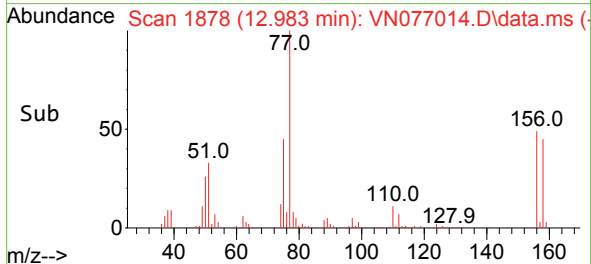
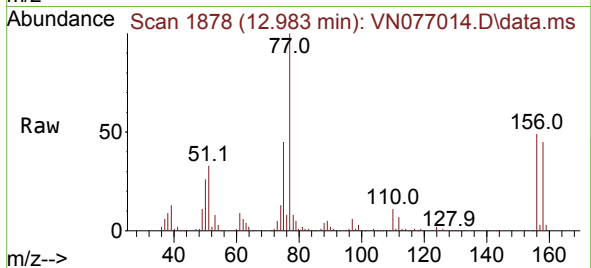
Tgt Ion:156 Resp: 112708

Ion Ratio Lower Upper

156 100

77 237.0 0.0 423.0

158 94.5 0.0 188.6



#74

n-propylbenzene

Concen: 20.962 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.000 min

Lab File: VN077014.D

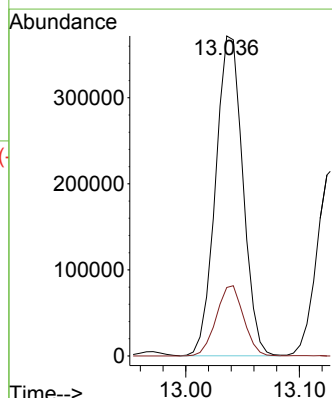
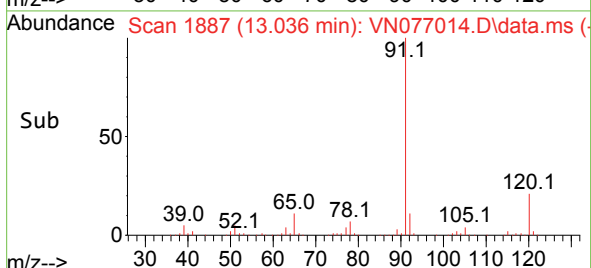
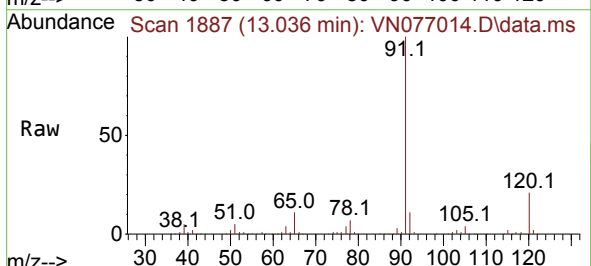
Acq: 16 Mar 2023 11:13

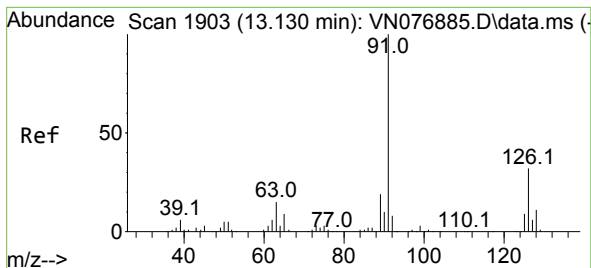
Tgt Ion: 91 Resp: 620549

Ion Ratio Lower Upper

91 100

120 22.0 0.0 44.0

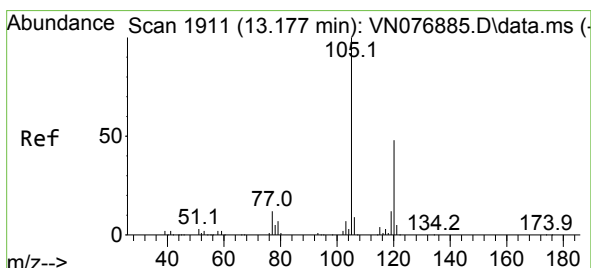
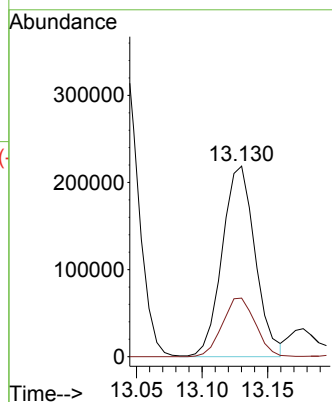
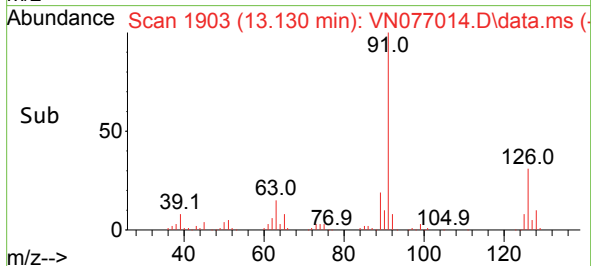
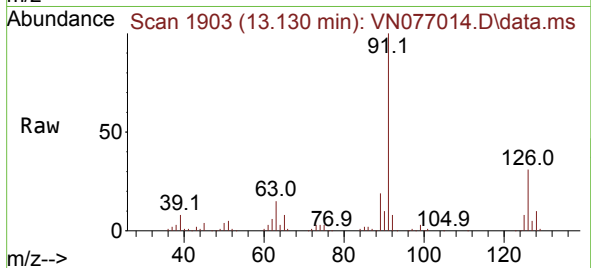




#75
2-Chlorotoluene
Concen: 20.931 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

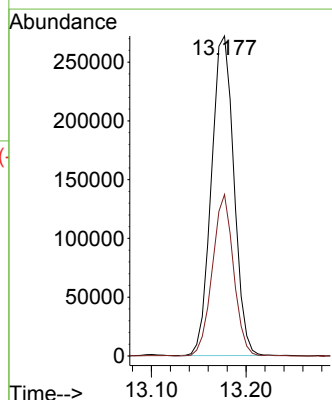
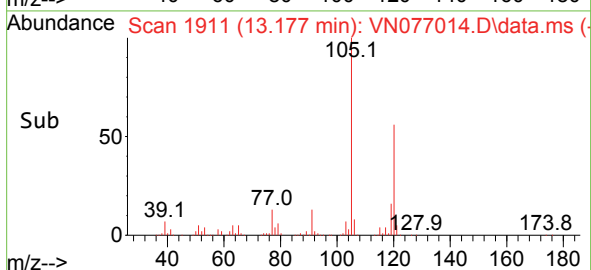
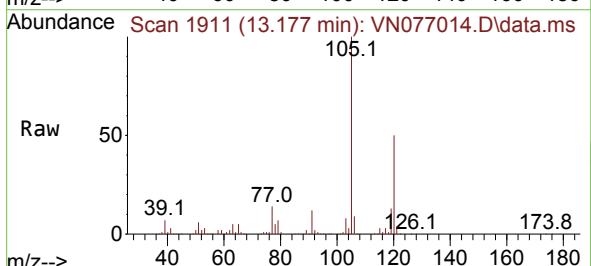
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

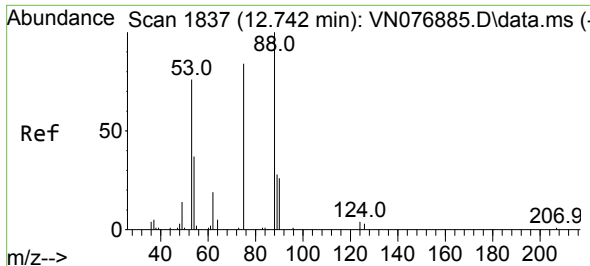
Tgt Ion: 91 Resp: 383181
Ion Ratio Lower Upper
91 100
126 30.8 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 20.693 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 105 Resp: 449196
Ion Ratio Lower Upper
105 100
120 47.5 0.0 103.2

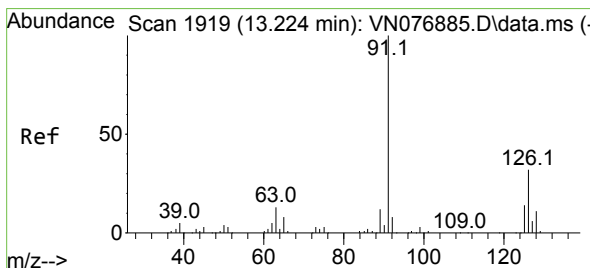
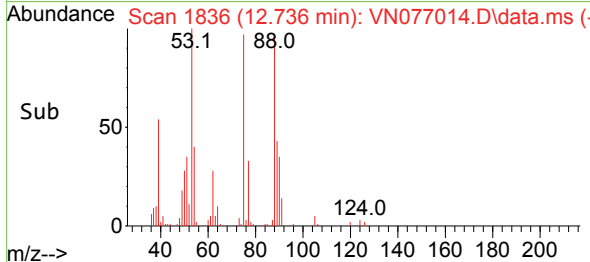
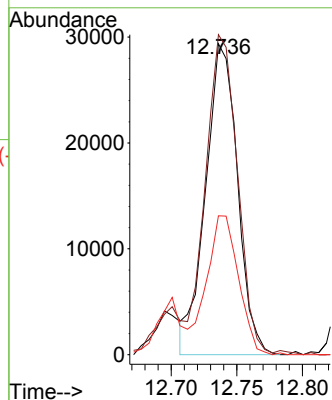
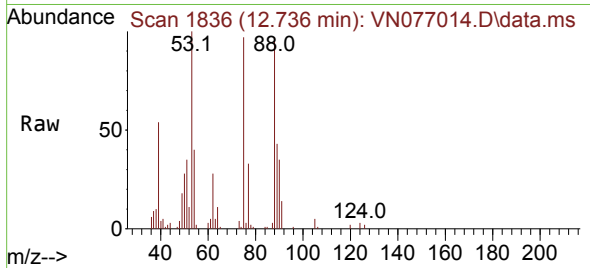




#77
t-1,4-Dichloro-2-butene
Concen: 23.458 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

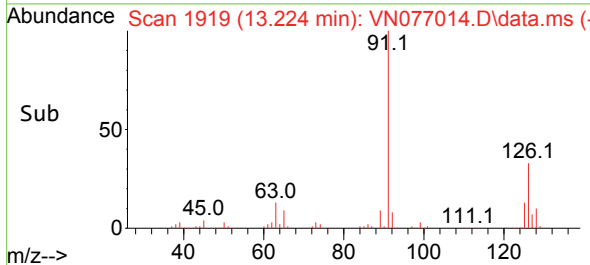
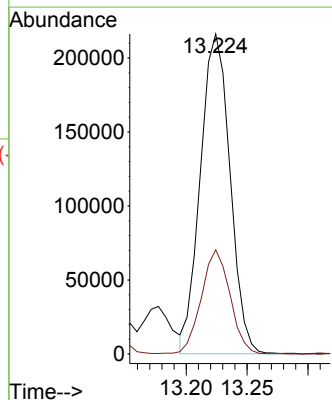
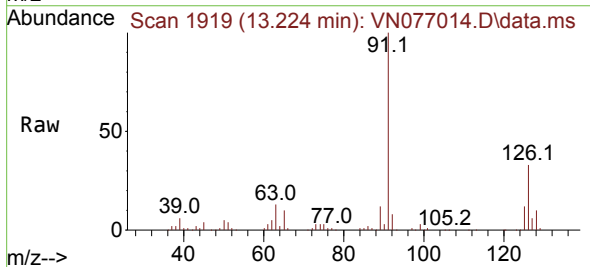
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

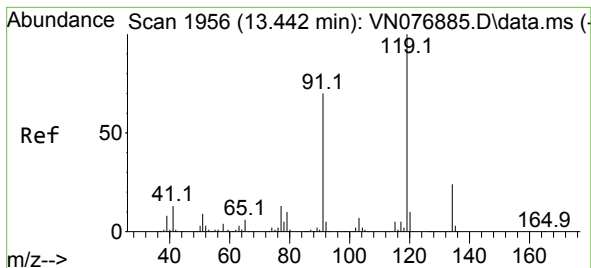
Tgt Ion: 75 Resp: 49673
Ion Ratio Lower Upper
75 100
53 101.6 50.4 151.3
89 44.1 22.1 66.5



#78
4-Chlorotoluene
Concen: 20.776 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 91 Resp: 366644
Ion Ratio Lower Upper
91 100
126 31.5 0.0 70.6

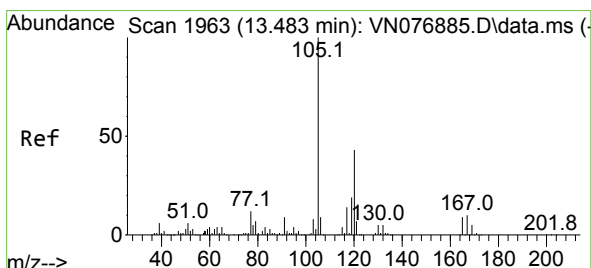
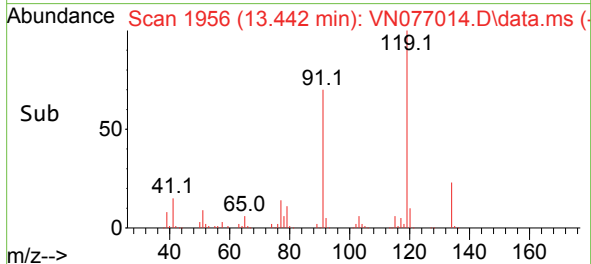
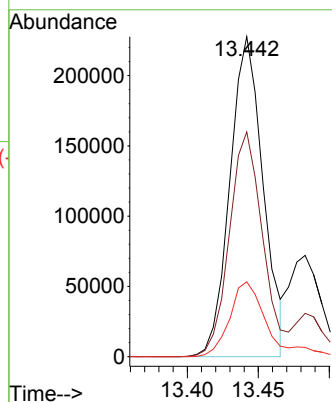
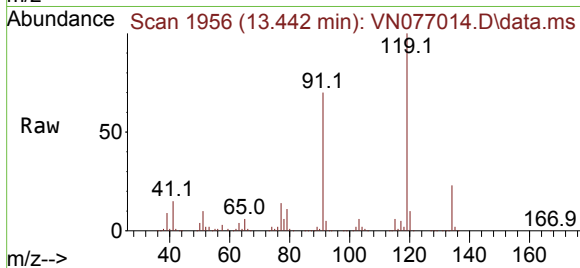




#79
tert-butylbenzene
Concen: 20.406 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

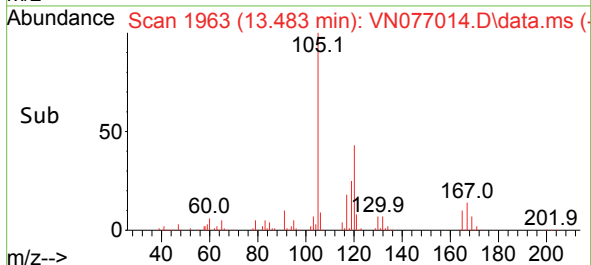
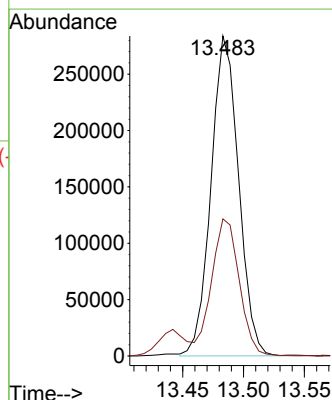
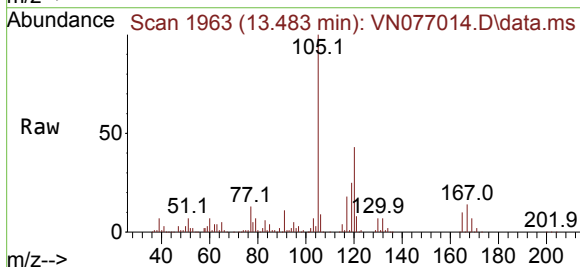
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

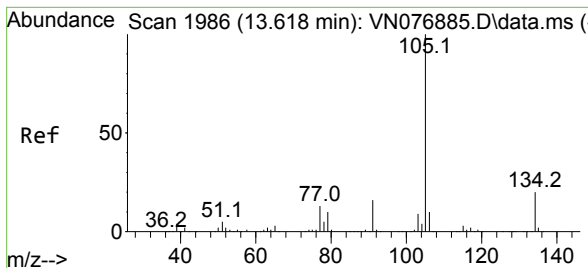
Tgt Ion:119 Resp: 370430
Ion Ratio Lower Upper
119 100
91 71.0 0.0 129.6
134 24.1 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 20.926 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion:105 Resp: 446416
Ion Ratio Lower Upper
105 100
120 42.7 0.0 93.2

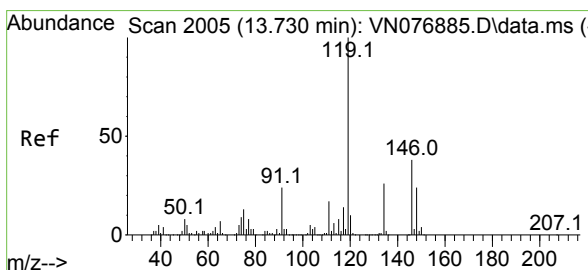
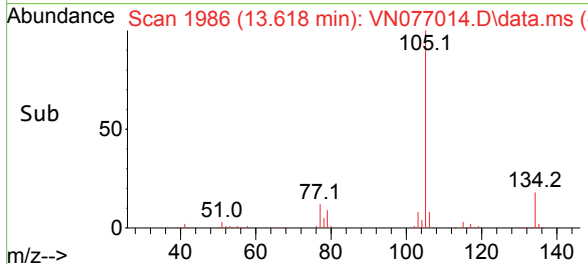
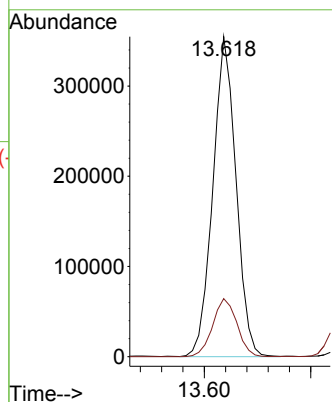
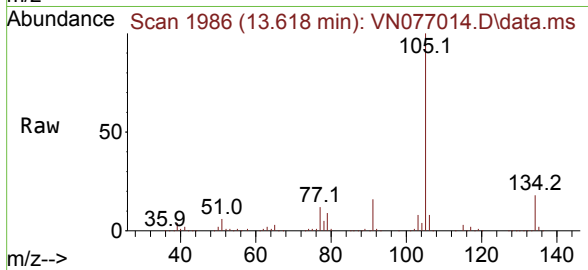




#81
 sec-Butylbenzene
 Concen: 20.576 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077014.D
 Acq: 16 Mar 2023 11:13

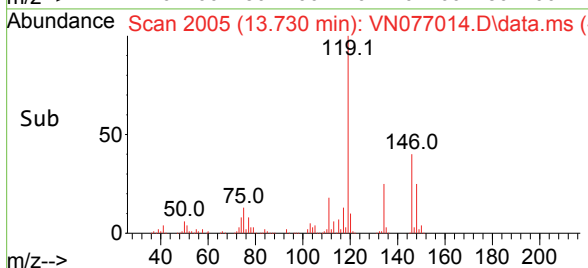
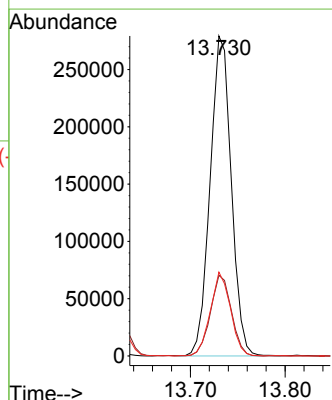
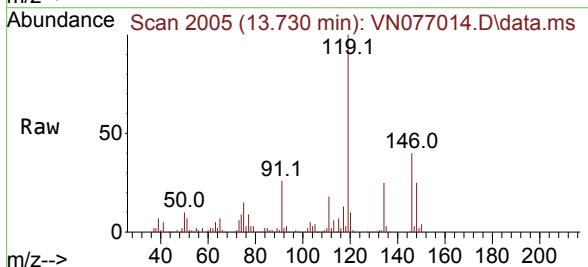
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

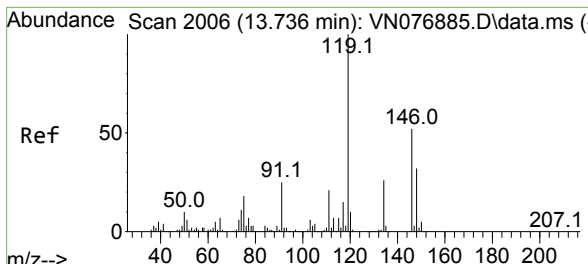
Tgt Ion:105 Resp: 534420
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 20.696 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077014.D
 Acq: 16 Mar 2023 11:13

Tgt Ion:119 Resp: 434447
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 53.4
 91 24.9 0.0 47.2

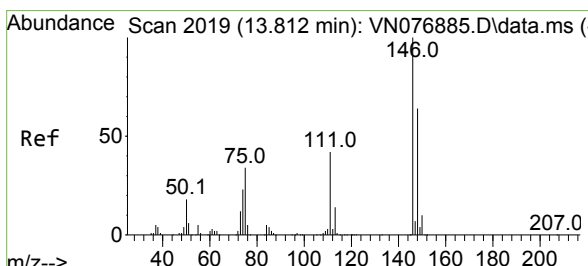
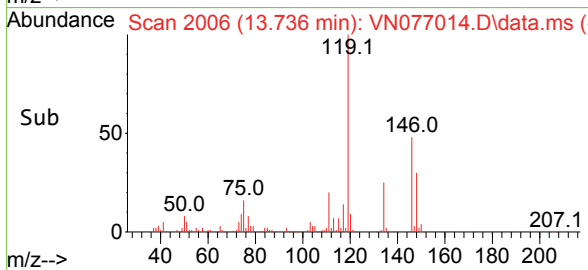
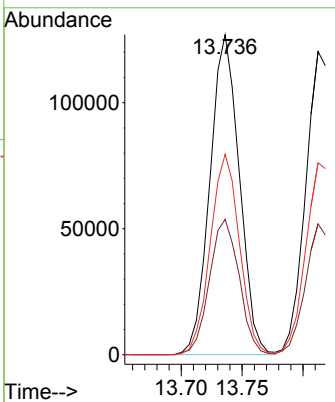
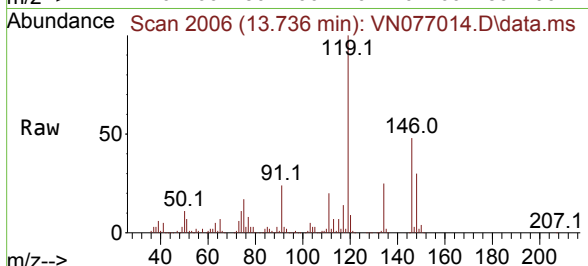




#83
 1,3-Dichlorobenzene
 Concen: 20.394 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077014.D
 Acq: 16 Mar 2023 11:13

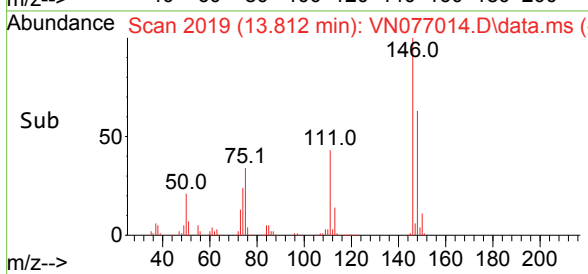
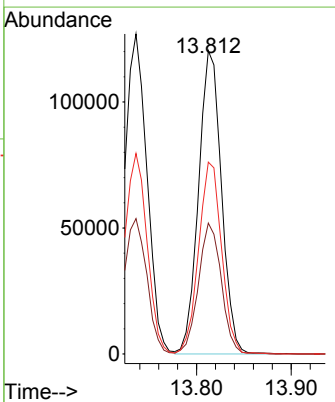
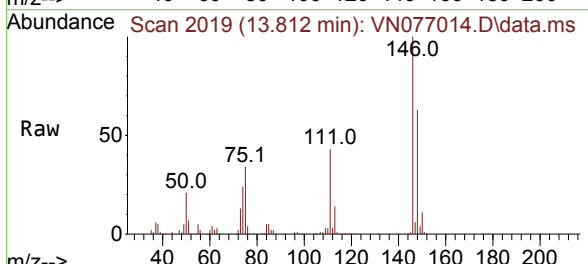
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

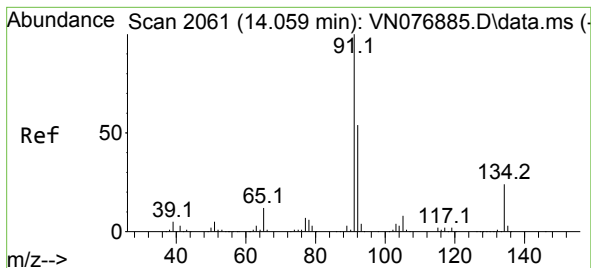
Tgt Ion:	146	Resp:	213558
Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.3	60.8
148	62.1	31.9	95.5



#84
 1,4-Dichlorobenzene
 Concen: 19.879 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN077014.D
 Acq: 16 Mar 2023 11:13

Tgt Ion:	146	Resp:	202201
Ion	Ratio	Lower	Upper
146	100		
111	43.1	18.2	54.6
148	63.4	31.1	93.2

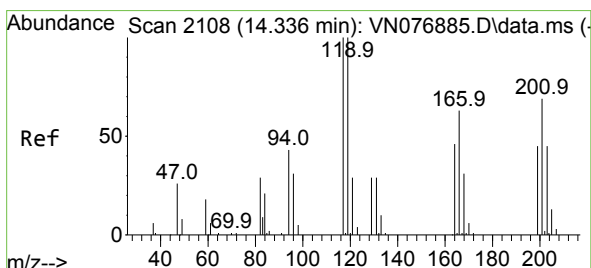
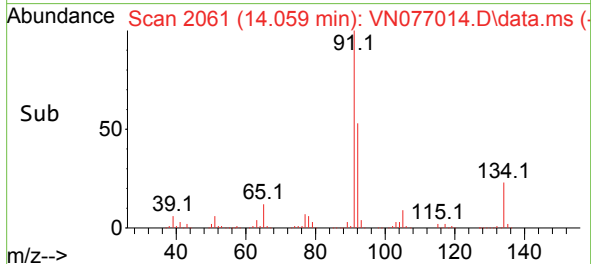
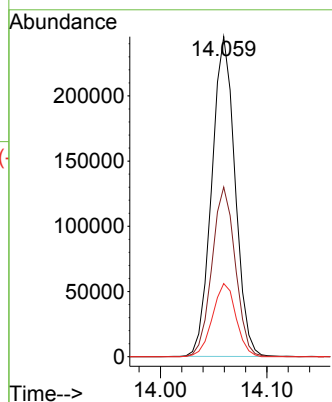
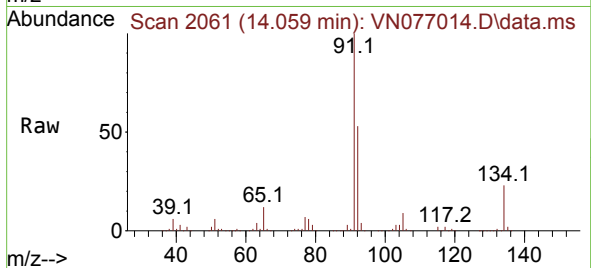




#85
n-Butylbenzene
Concen: 20.919 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

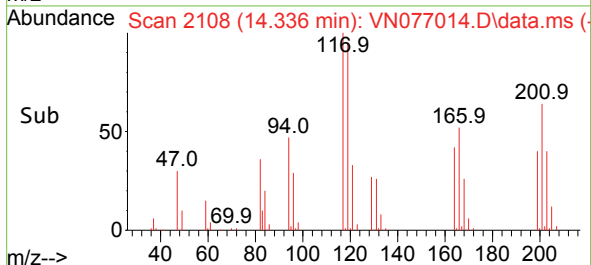
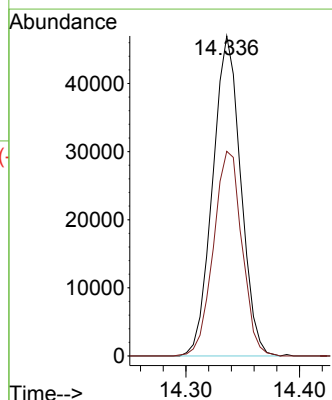
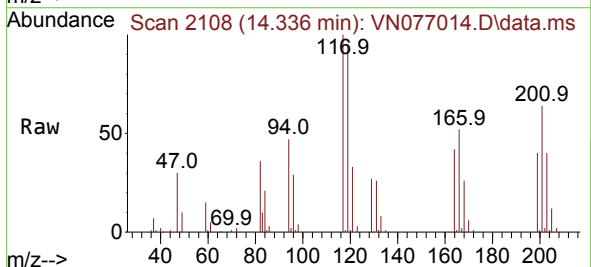
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

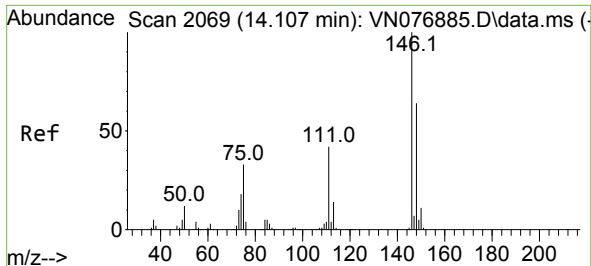
Tgt Ion: 91 Resp: 372209
Ion Ratio Lower Upper
91 100
92 53.1 0.0 103.2
134 23.2 0.0 50.0



#86
Hexachloroethane
Concen: 21.532 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 117 Resp: 80703
Ion Ratio Lower Upper
117 100
201 65.0 32.2 96.6

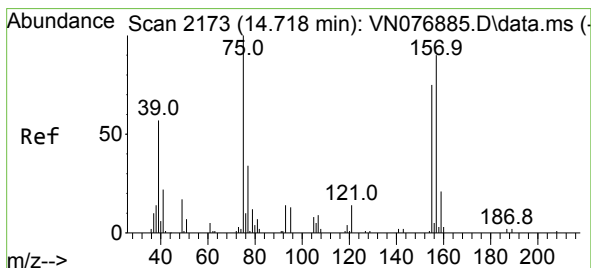
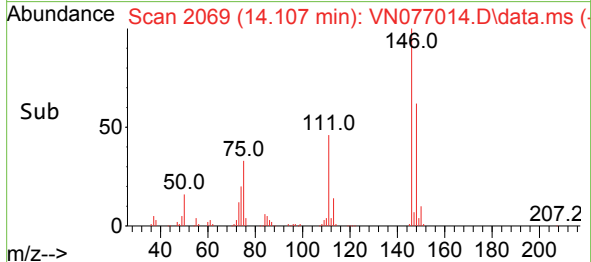
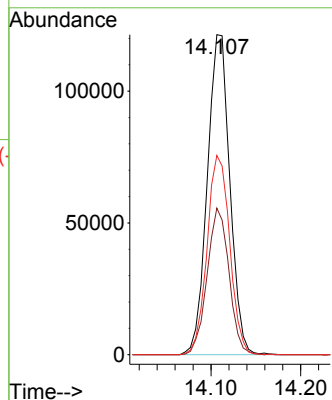
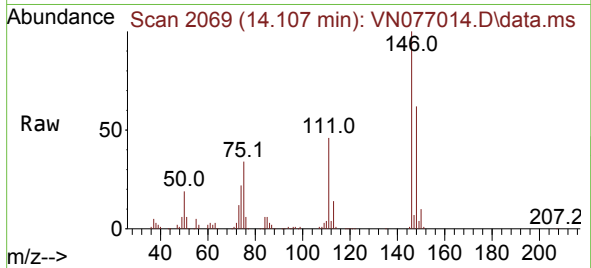




#87
1,2-Dichlorobenzene
Concen: 20.314 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

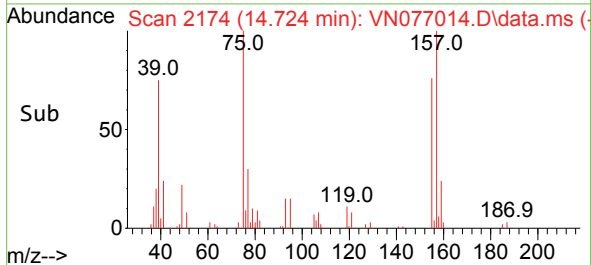
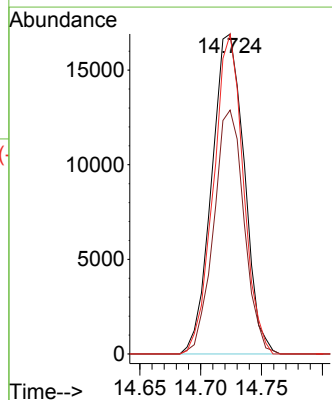
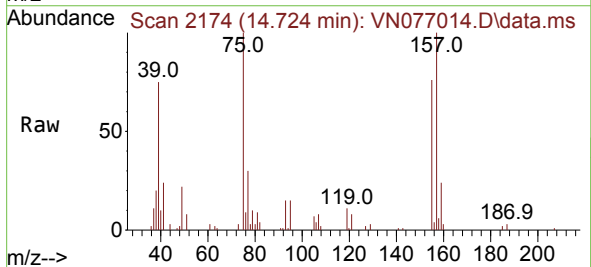
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

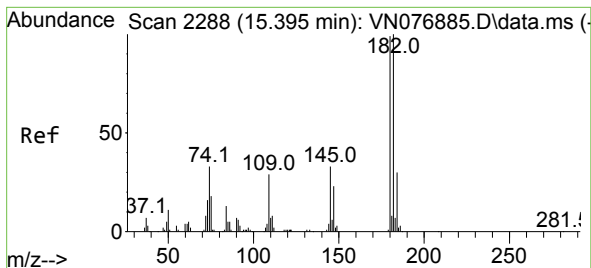
Tgt Ion:146 Resp: 212127
Ion Ratio Lower Upper
146 100
111 44.4 20.5 61.6
148 62.6 32.5 97.5



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.343 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077014.D
Acq: 16 Mar 2023 11:13

Tgt Ion: 75 Resp: 31435
Ion Ratio Lower Upper
75 100
155 71.4 62.5 93.7
157 91.4 77.5 116.3





#89

1,2,4-Trichlorobenzene

Concen: 18.465 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

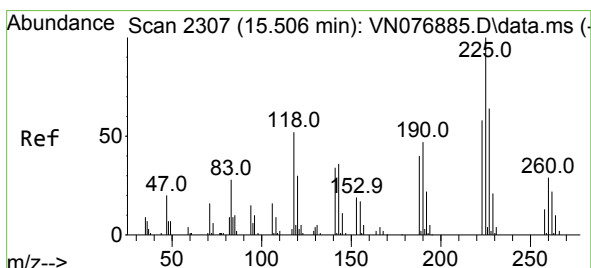
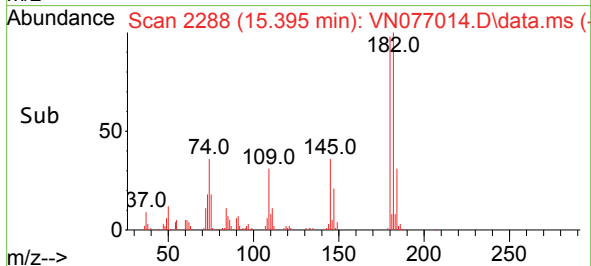
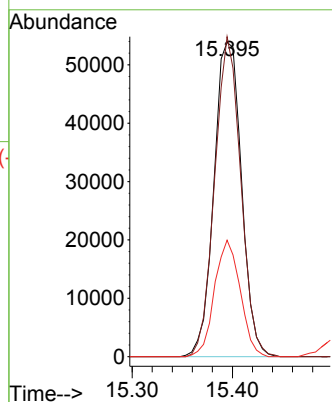
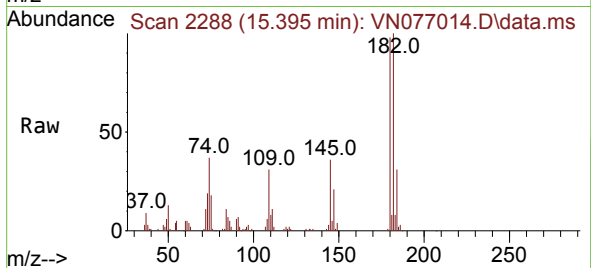
Tgt Ion:180 Resp: 102860

Ion Ratio Lower Upper

180 100

182 96.0 76.6 115.0

145 34.5 24.6 36.8



#90

Hexachlorobutadiene

Concen: 18.168 ug/l

RT: 15.506 min Scan# 2307

Delta R.T. 0.005 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

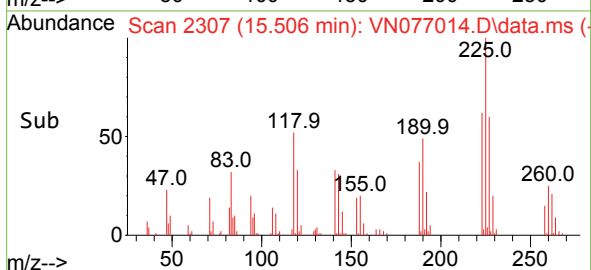
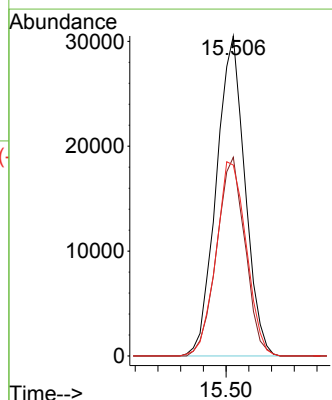
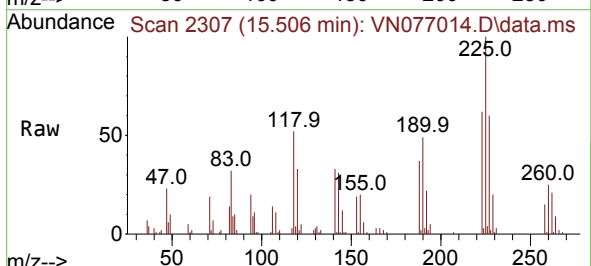
Tgt Ion:225 Resp: 53355

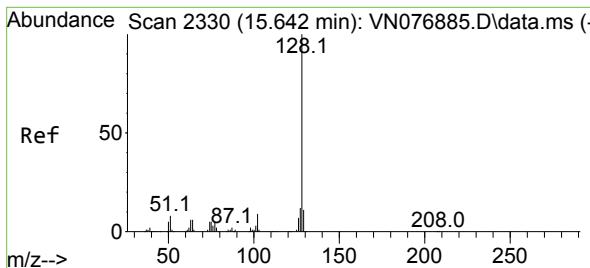
Ion Ratio Lower Upper

225 100

223 61.6 0.0 135.4

227 64.1 0.0 129.4





#91

Naphthalene

Concen: 19.065 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

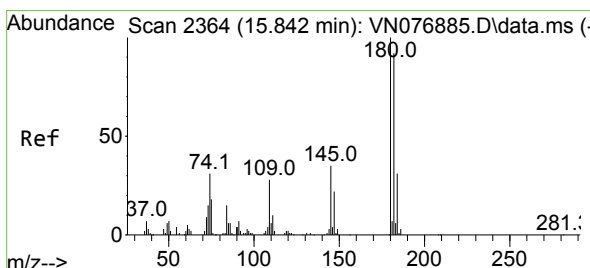
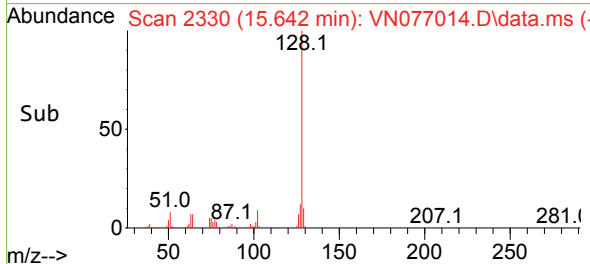
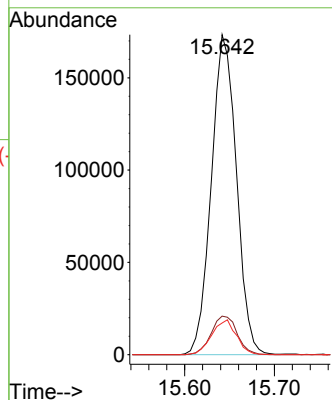
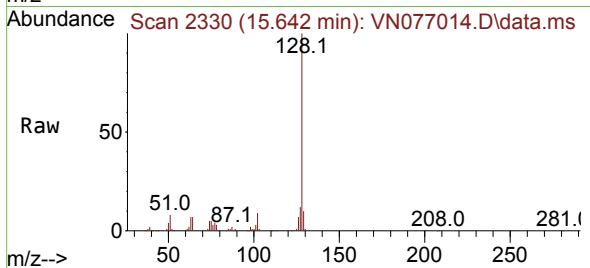
Tgt Ion:128 Resp: 336837

Ion Ratio Lower Upper

128 100

127 12.5 11.0 16.6

129 10.7 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 18.543 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077014.D

Acq: 16 Mar 2023 11:13

Tgt Ion:180 Resp: 103553

Ion Ratio Lower Upper

180 100

182 92.8 0.0 190.8

145 34.8 0.0 65.0

