

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076891.D
 Acq On : 09 Mar 2023 09:51
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Mar 10 01:23:03 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	7.825	128	52681	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	393567	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	427733	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	152033	31.397	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.667%	
60) 4-Bromofluorobenzene	12.848	95	251288	31.041	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.467%	
63) Toluene-d8	10.572	98	449563	29.882	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	140844	20.892	ug/l	99
3) Chloromethane	2.378	50	120901	19.621	ug/l	99
4) Vinyl Chloride	2.531	62	111015	19.758	ug/l	93
5) Bromomethane	2.984	94	73260	20.388	ug/l	97
6) Chloroethane	3.143	64	63265	19.161	ug/l	90
7) Trichlorofluoromethane	3.519	101	211752	20.173	ug/l	98
8) Diethyl Ether	3.978	74	80657	20.490	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.390	101	123032	20.690	ug/l	96
10) 1,1-Dichloroethene	4.360	96	118909	20.602	ug/l	96
11) Methyl Iodide	4.613	142	136858	19.678	ug/l	91
12) Methyl Acetate	5.042	43	185461	19.536	ug/l	93
13) Acrolein	4.195	56	135356	96.446	ug/l	98
14) Acrylonitrile	5.737	53	304695	97.432	ug/l	98
15) Acetone	4.437	58	111115	130.557	ug/l	87
16) Carbon Disulfide	4.737	76	328731	20.540	ug/l	97
17) Allyl chloride	5.037	41	174493	20.156	ug/l	95
18) Methylene Chloride	5.295	84	133177	19.726	ug/l	87
19) trans-1,2-Dichloroethene	5.795	96	123829	20.361	ug/l	96
20) Diisopropyl ether	6.684	45	402311	20.600	ug/l #	97
21) 1,1-Dichloroethane	6.584	63	234999	20.220	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	145050	20.812	ug/l	97
23) tert-Butyl Alcohol	5.613	59	394	0.434	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	394132	20.944	ug/l	93
25) Chloroform	7.972	83	237205	19.868	ug/l	99
26) Cyclohexane	8.266	56	209895	19.781	ug/l #	93
29) 1,1-Dichloropropene	8.378	75	181761	19.607	ug/l	99
30) 2-Butanone	7.489	43	424577	100.389	ug/l	95
31) 2,2-Dichloropropane	7.501	77	186492	20.305	ug/l #	59
32) 1,1,1-Trichloroethane	8.178	97	210427	19.461	ug/l	96
33) Carbon Tetrachloride	8.372	117	184341	19.281	ug/l	98
34) Benzene	8.613	78	543116	19.111	ug/l	98
35) Methacrylonitrile	7.789	41	90042	18.920	ug/l	93
36) 1,2-Dichloroethane	8.672	62	184353	19.353	ug/l	99
37) Trichloroethene	9.360	130	135436	19.336	ug/l	98
38) Methylcyclohexane	9.607	83	226196	19.603	ug/l	98
39) 1,2-Dichloropropane	9.624	63	139759	19.140	ug/l	97
40) Dibromomethane	9.713	93	89685	19.279	ug/l	95
41) Bromodichloromethane	9.889	83	184885	19.393	ug/l	99
42) Vinyl Acetate	6.619	43	1266724	96.084	ug/l	96

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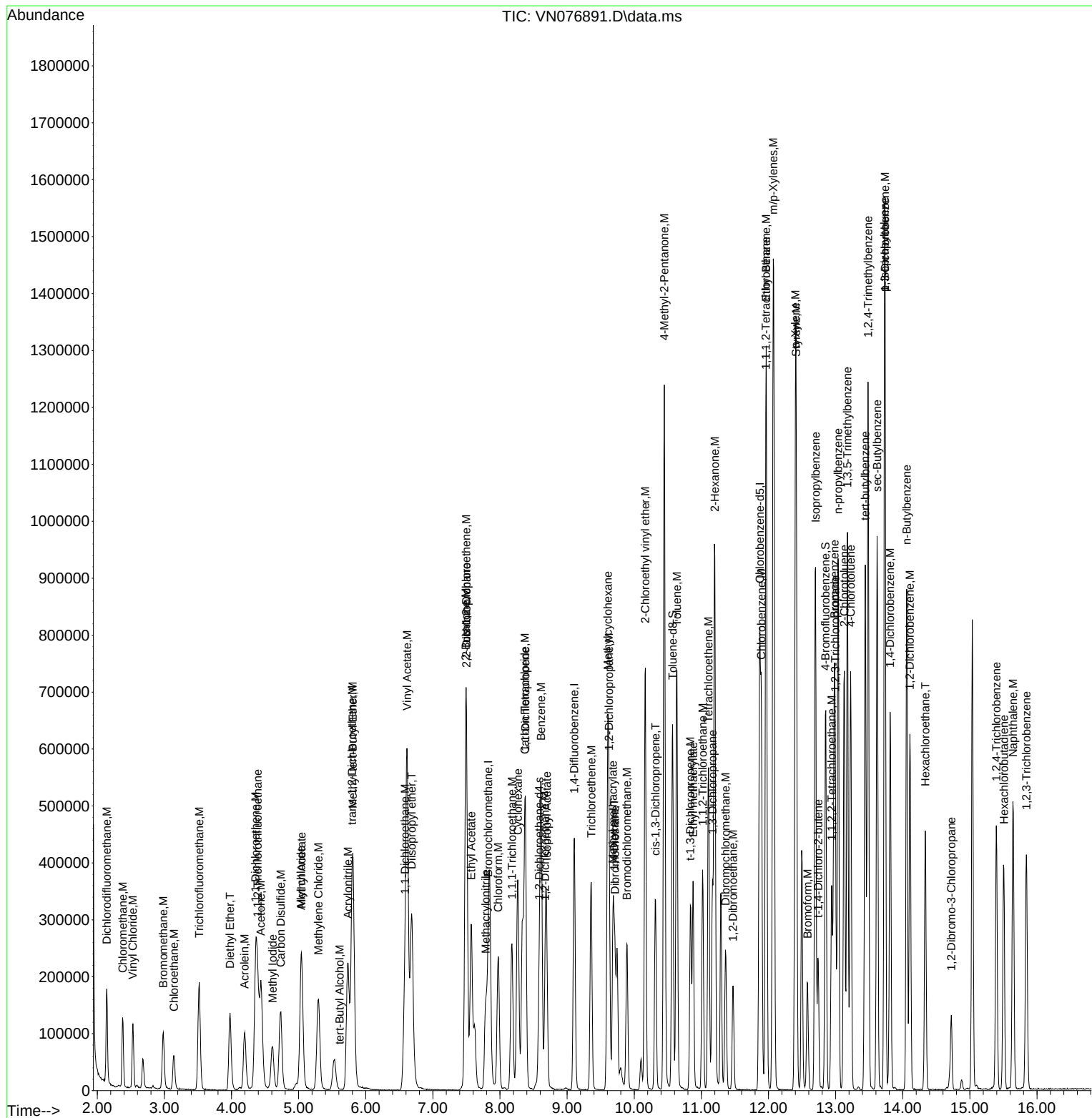
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43) Ethyl Acetate	7.572	43	152351	17.852	ug/l	99
44) Isopropyl Acetate	8.695	43	261102	18.874	ug/l	90
45) 1,4-Dioxane	9.701	88	46522	399.746	ug/l #	93
46) Methyl methacrylate	9.683	41	126381	18.759	ug/l	87
48) t-1,3-Dichloropropene	10.836	75	194284	20.346	ug/l	96
49) cis-1,3-Dichloropropene	10.319	75	213740	19.708	ug/l #	89
50) 1,1,2-Trichloroethane	11.019	97	129254	18.966	ug/l	91
51) Ethyl methacrylate	10.877	69	197065	19.614	ug/l	88
52) 1,3-Dichloropropane	11.166	76	222757	18.924	ug/l	100
53) Dibromochloromethane	11.360	129	137584	19.789	ug/l	98
54) 1,2-Dibromoethane	11.471	107	128717	19.572	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	342985	97.367	ug/l	98
56) Bromoform	12.583	173	91267	19.622	ug/l	95
58) 4-Methyl-2-Pentanone	10.448	43	815495	94.378	ug/l #	89
59) 2-Hexanone	11.201	43	619039	100.850	ug/l #	89
61) Tetrachloroethene	11.107	164	133715	19.803	ug/l	92
62) Toluene	10.636	91	582759	19.772	ug/l	99
64) Chlorobenzene	11.895	112	352976	20.345	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	126415	19.400	ug/l	97
66) Ethyl Benzene	11.966	91	649706	20.304	ug/l	98
67) m/p-Xylenes	12.071	106	495892	40.912	ug/l	90
68) o-Xylene	12.401	106	237085	20.034	ug/l	94
69) Styrene	12.413	104	398227	20.749	ug/l	97
70) Isopropylbenzene	12.701	105	633400	20.571	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.942	83	178239	19.199	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	225366	26.462	ug/l	80
73) Bromobenzene	12.983	156	144817	20.842	ug/l	97
74) n-propylbenzene	13.036	91	762815	20.989	ug/l	99
75) 2-Chlorotoluene	13.130	91	458601	20.404	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	555619	20.848	ug/l	93
77) t-1,4-Dichloro-2-butene	12.742	75	55623	21.396	ug/l	96
78) 4-Chlorotoluene	13.224	91	451082	20.820	ug/l	94
79) tert-butylbenzene	13.442	119	460866	20.679	ug/l	94
80) 1,2,4-Trimethylbenzene	13.483	105	550344	21.013	ug/l	94
81) sec-Butylbenzene	13.618	105	678486	21.278	ug/l	100
82) p-Isopropyltoluene	13.730	119	563038	21.847	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	270355	21.029	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	270606	21.669	ug/l	96
85) n-Butylbenzene	14.060	91	498301	22.811	ug/l	99
86) Hexachloroethane	14.336	117	93286	20.273	ug/l	90
87) 1,2-Dichlorobenzene	14.107	146	261479	20.395	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	35382	19.567	ug/l	95
89) 1,2,4-Trichlorobenzene	15.395	180	155001	22.664	ug/l	98
90) Hexachlorobutadiene	15.506	225	82960	23.009	ug/l	95
91) Naphthalene	15.642	128	475373	21.915	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	154204	22.491	ug/l	97

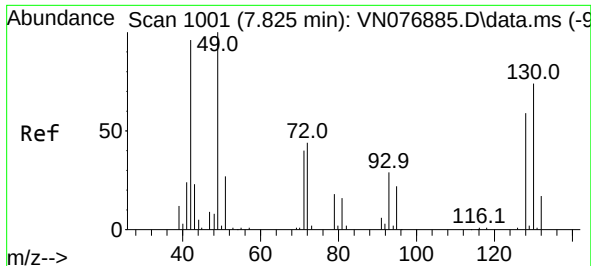
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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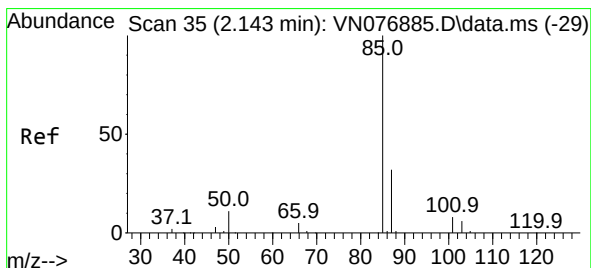
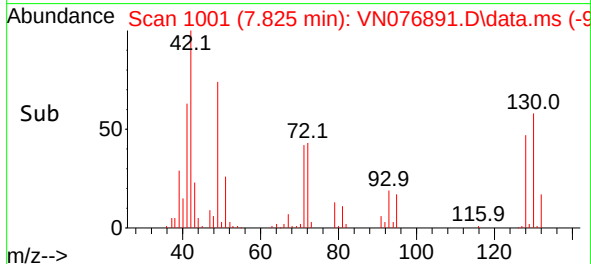
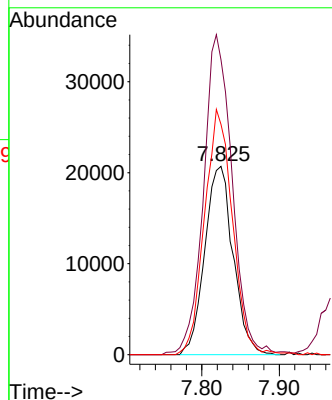
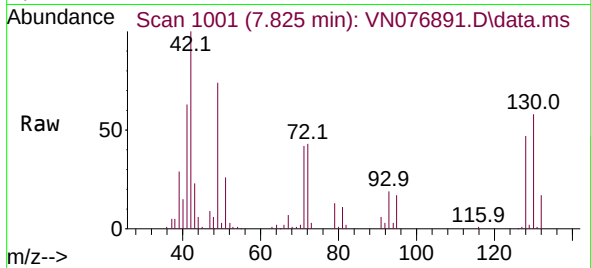




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076891.D
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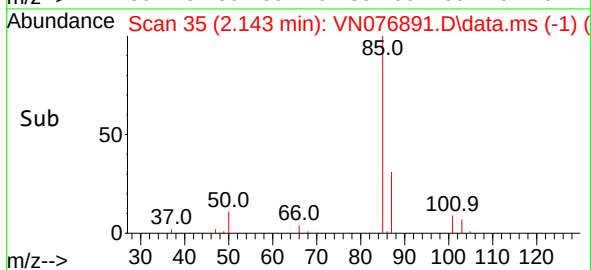
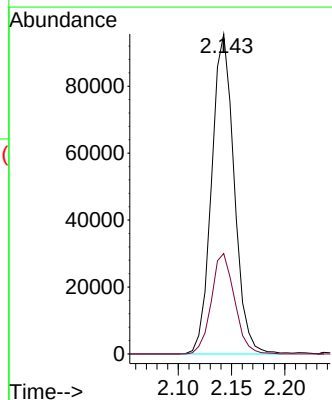
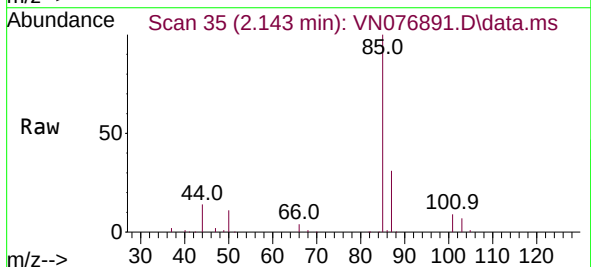
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MSVOA_N
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VSTDCCC020

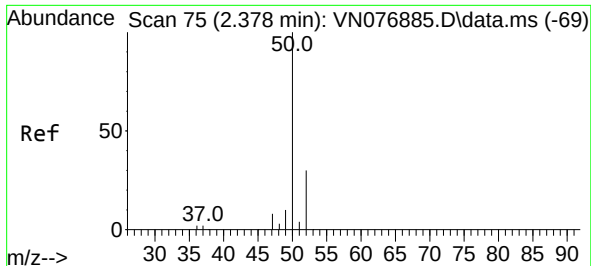
Tgt Ion:128 Resp: 52681
Ion Ratio Lower Upper
128 100
49 166.5 0.0 461.8
130 127.4 0.0 295.3



#2
Dichlorodifluoromethane
Concen: 20.892 ug/l
RT: 2.143 min Scan# 35
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 85 Resp: 140844
Ion Ratio Lower Upper
85 100
87 31.4 15.4 46.1

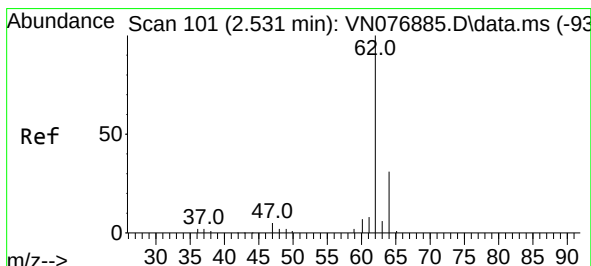
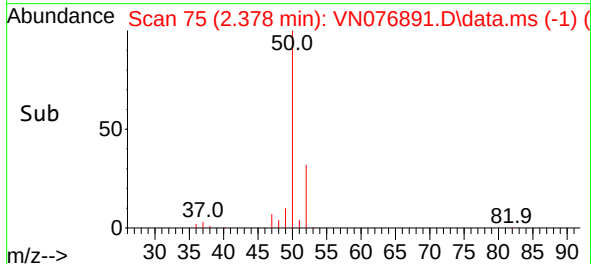
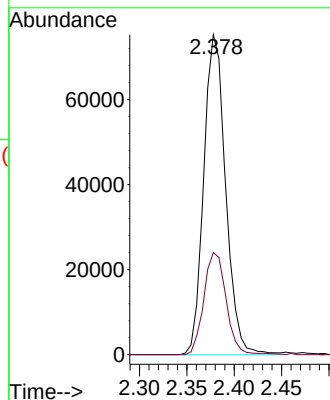
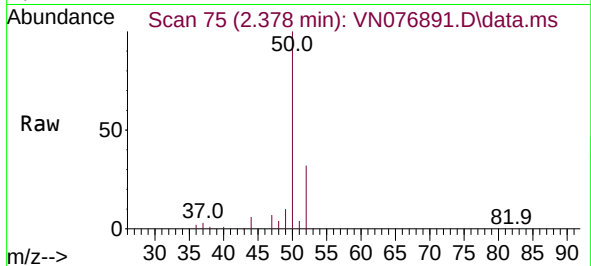




#3
Chloromethane
Concen: 19.621 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

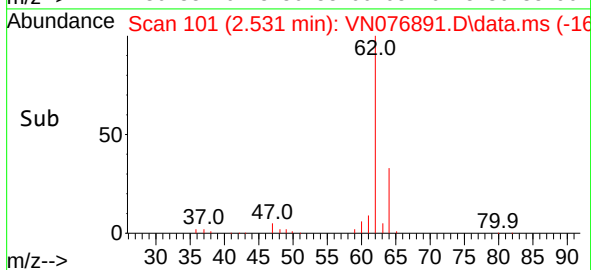
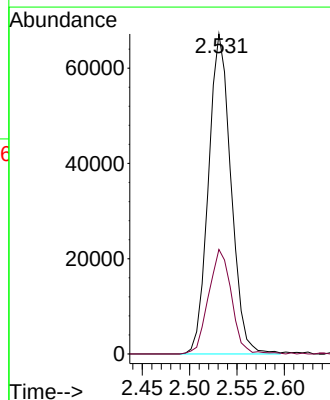
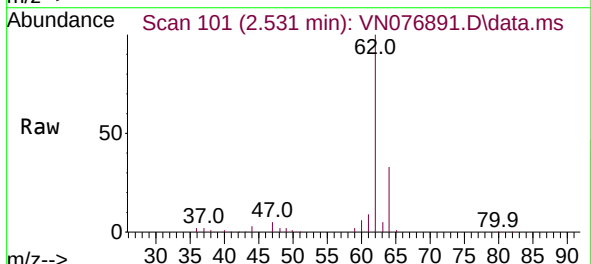
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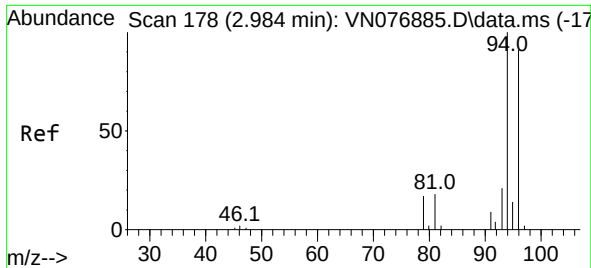
Tgt Ion: 50 Resp: 120901
Ion Ratio Lower Upper
50 100
52 31.9 25.3 37.9



#4
Vinyl Chloride
Concen: 19.758 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 62 Resp: 111015
Ion Ratio Lower Upper
62 100
64 32.7 23.1 34.7

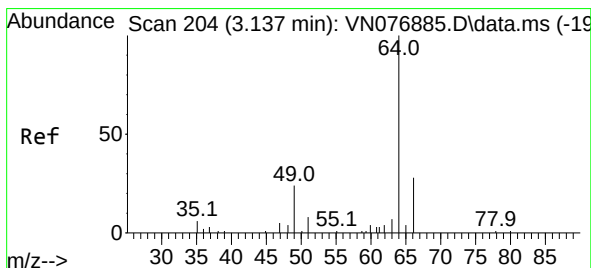
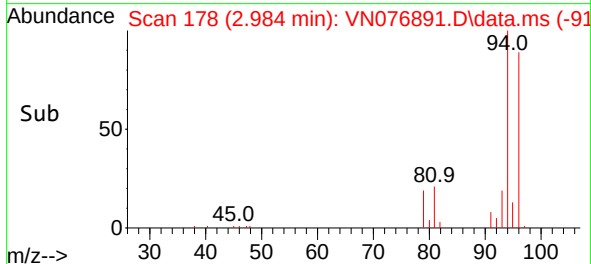
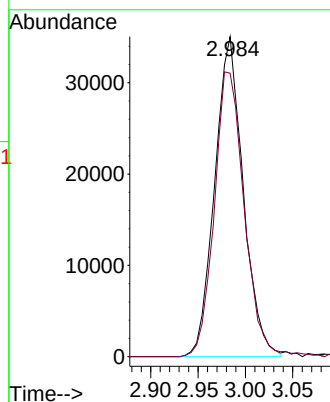
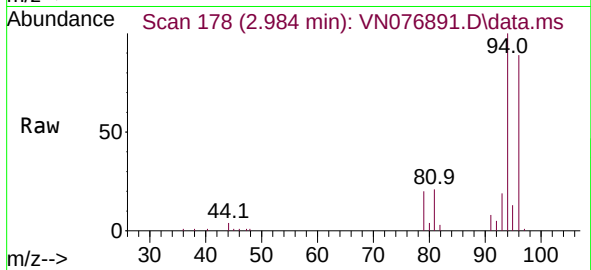




#5
Bromomethane
Concen: 20.388 ug/l
RT: 2.984 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

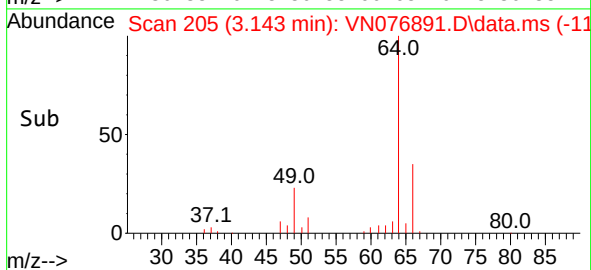
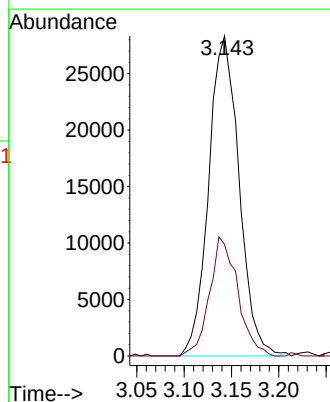
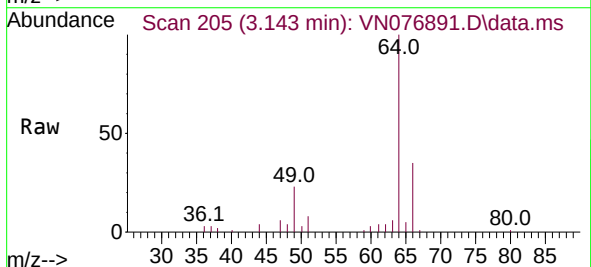
Instrument :
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ClientSampleId :
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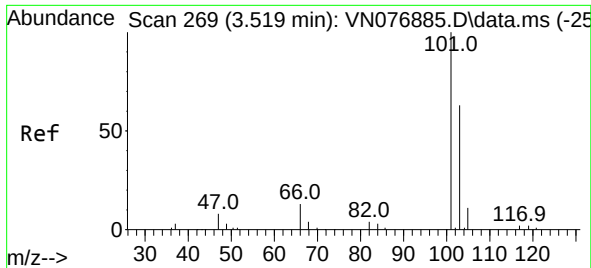
Tgt Ion: 94 Resp: 73260
Ion Ratio Lower Upper
94 100
96 88.6 68.6 103.0



#6
Chloroethane
Concen: 19.161 ug/l
RT: 3.143 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 64 Resp: 63265
Ion Ratio Lower Upper
64 100
66 34.8 23.8 35.6

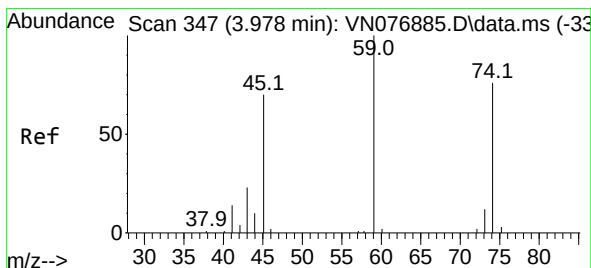
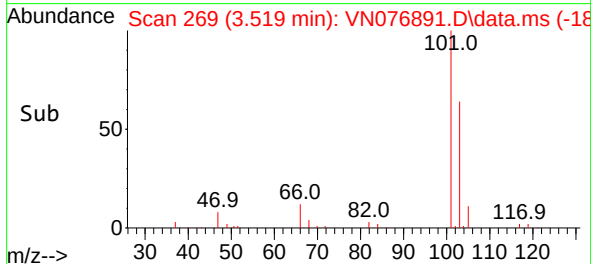
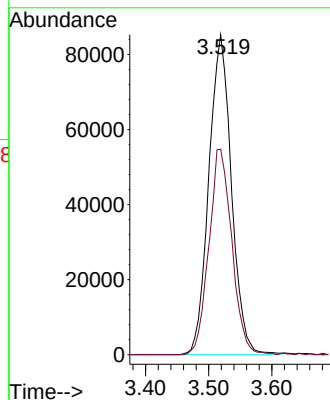
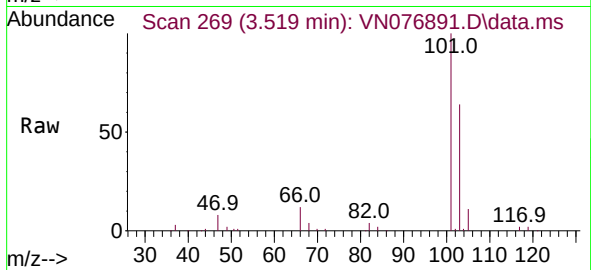




#7
 Trichlorofluoromethane
 Concen: 20.173 ug/l
 RT: 3.519 min Scan# 269
 Delta R.T. 0.006 min
 Lab File: VN076891.D
 Acq: 09 Mar 2023 09:51

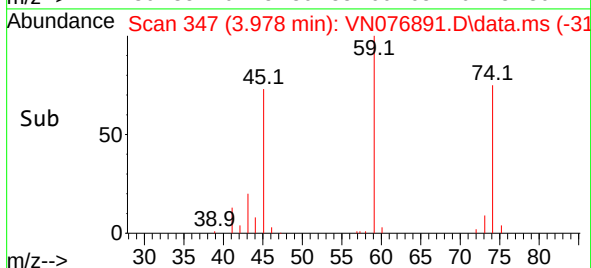
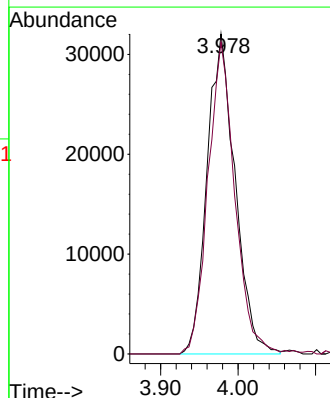
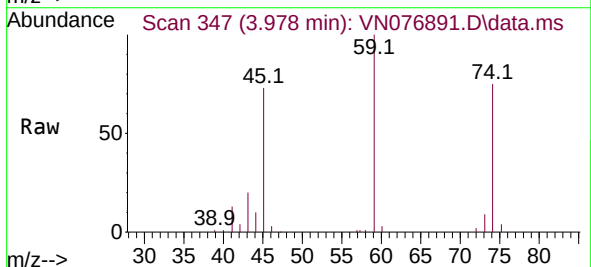
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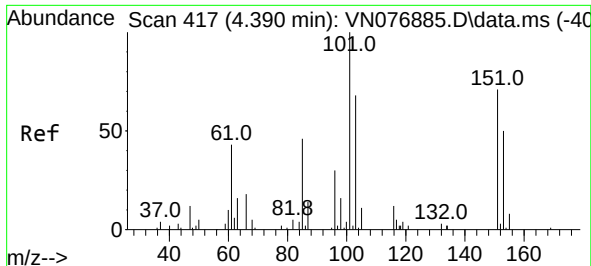
Tgt Ion:101 Resp: 211752
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.2 75.2



#8
 Diethyl Ether
 Concen: 20.490 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076891.D
 Acq: 09 Mar 2023 09:51

Tgt Ion: 74 Resp: 80657
 Ion Ratio Lower Upper
 74 100
 45 92.9 21.4 193.0

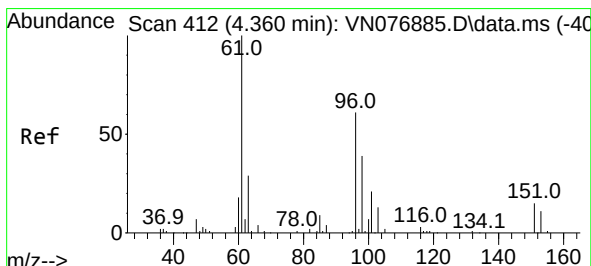
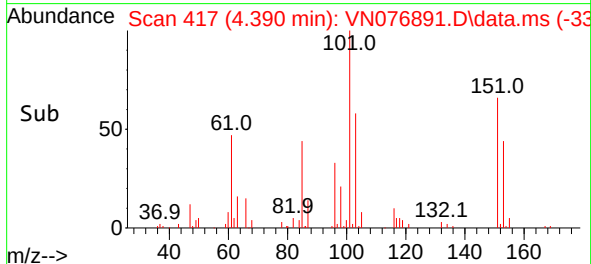
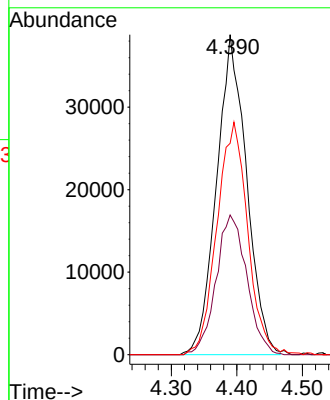
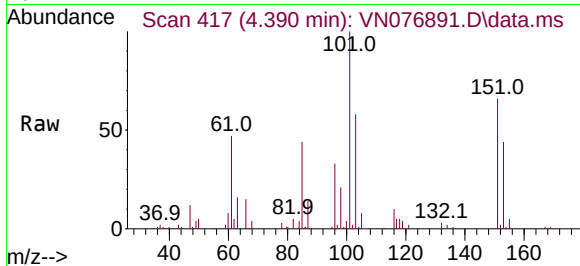




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.690 ug/l
 RT: 4.390 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VN076891.D
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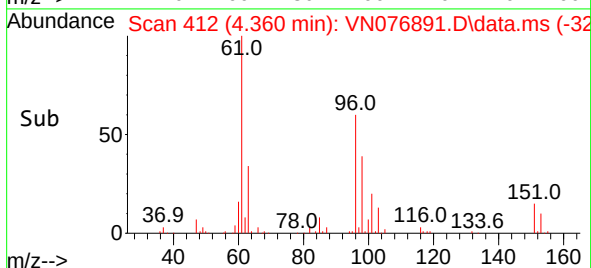
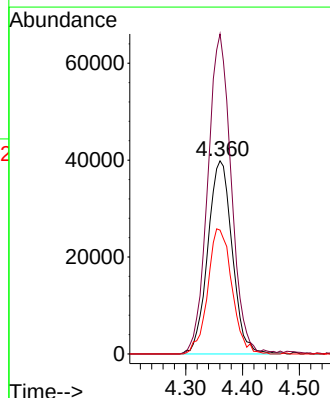
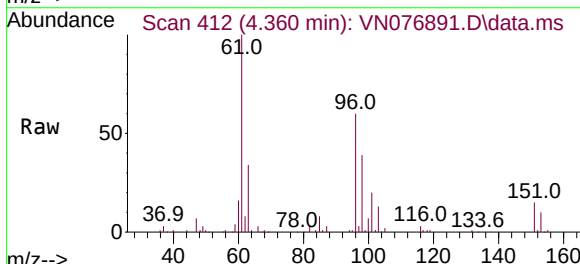
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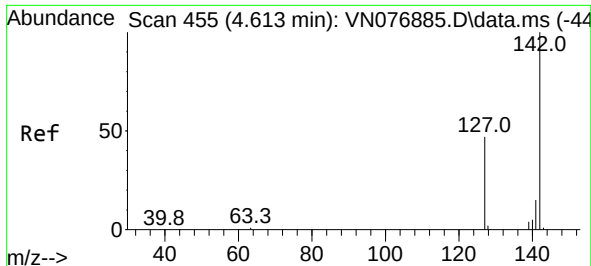
Tgt Ion:101 Resp: 123032
 Ion Ratio Lower Upper
 101 100
 85 44.8 0.0 95.2
 151 74.4 0.0 142.2



#10
 1,1-Dichloroethene
 Concen: 20.602 ug/l
 RT: 4.360 min Scan# 412
 Delta R.T. 0.006 min
 Lab File: VN076891.D
 Acq: 09 Mar 2023 09:51

Tgt Ion: 96 Resp: 118909
 Ion Ratio Lower Upper
 96 100
 61 165.7 137.1 205.7
 98 64.2 53.2 79.8

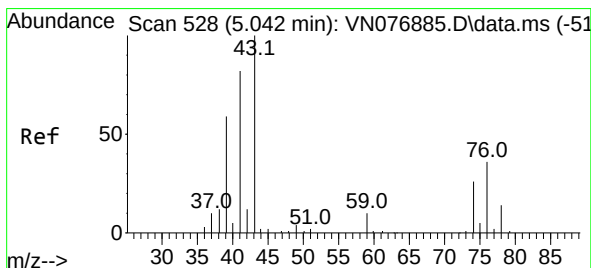
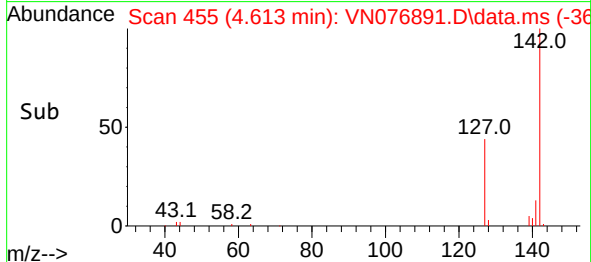
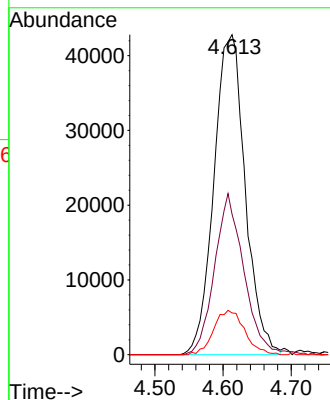
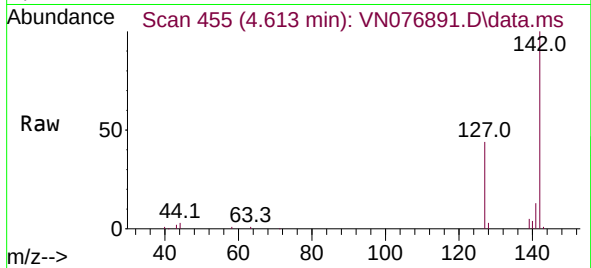




#11
Methyl Iodide
Concen: 19.678 ug/l
RT: 4.613 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

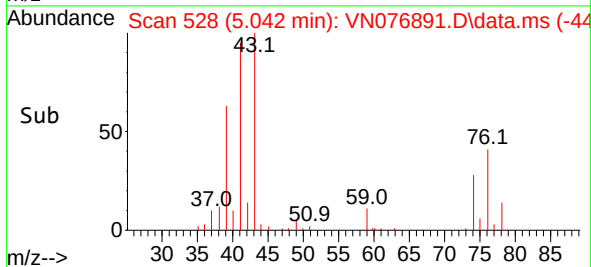
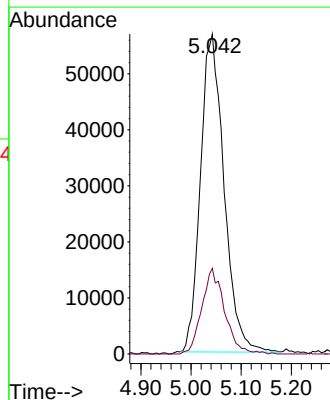
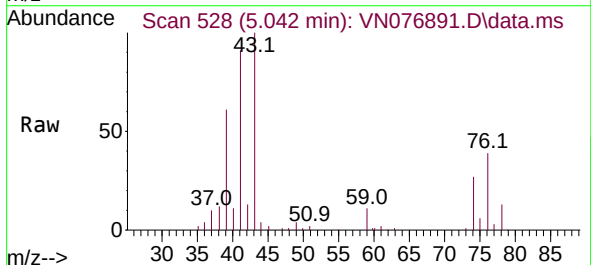
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

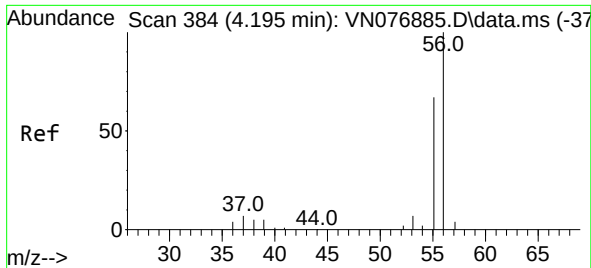
Tgt Ion:142 Resp: 136858
Ion Ratio Lower Upper
142 100
127 43.7 25.0 75.0
141 13.1 8.0 24.0



#12
Methyl Acetate
Concen: 19.536 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 43 Resp: 185461
Ion Ratio Lower Upper
43 100
74 26.9 19.0 28.4





#13

Acrolein

Concen: 96.446 ug/l

RT: 4.195 min Scan# 384

Delta R.T. 0.005 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

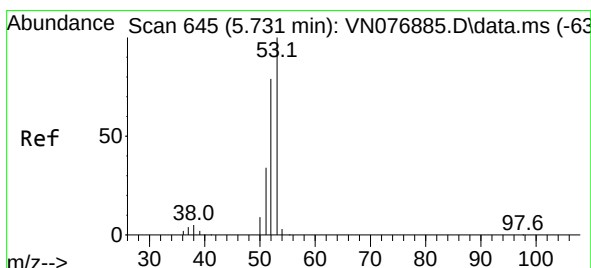
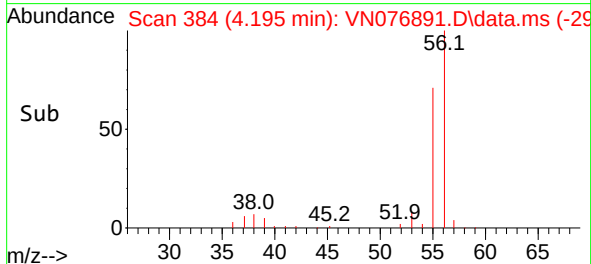
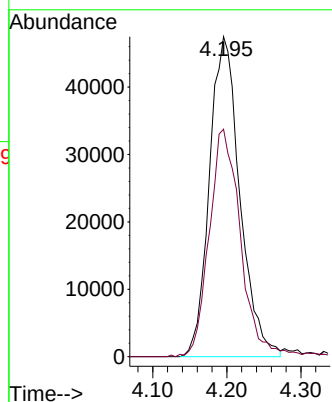
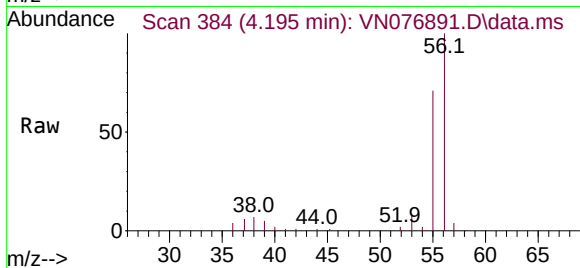
VSTDCCC020

Tgt Ion: 56 Resp: 135356

Ion Ratio Lower Upper

56 100

55 70.7 55.0 82.4



#14

Acrylonitrile

Concen: 97.432 ug/l

RT: 5.737 min Scan# 646

Delta R.T. -0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

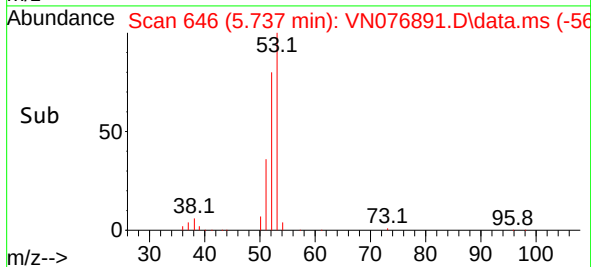
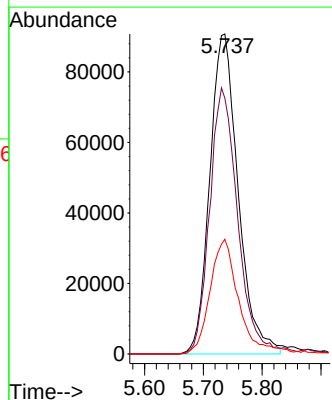
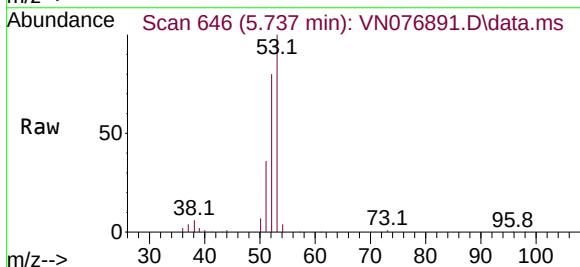
Tgt Ion: 53 Resp: 304695

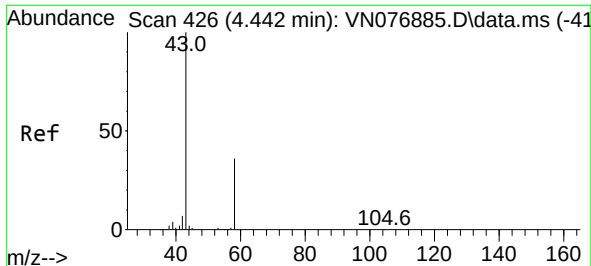
Ion Ratio Lower Upper

53 100

52 80.6 41.5 124.6

51 36.2 17.6 52.8

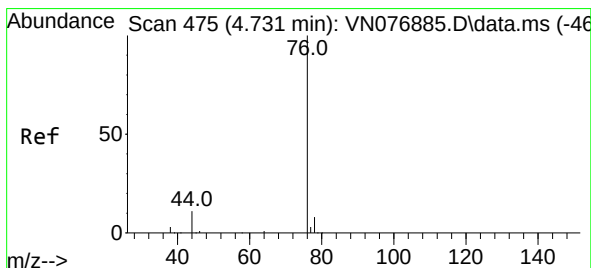
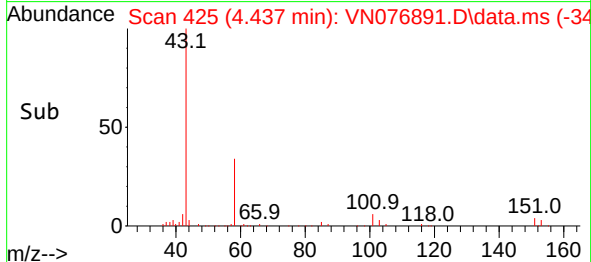
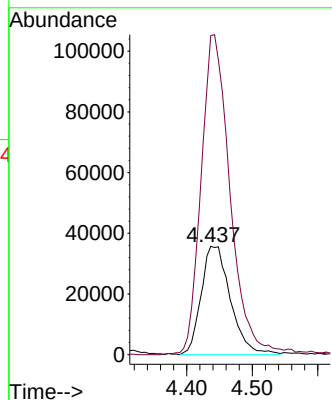
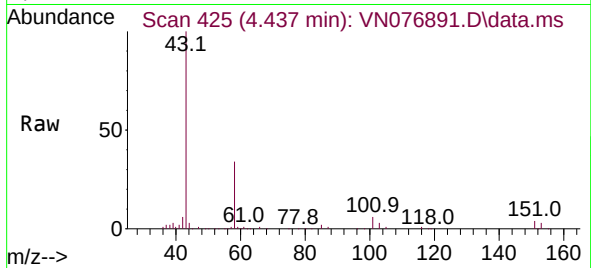




#15
Acetone
Concen: 130.557 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

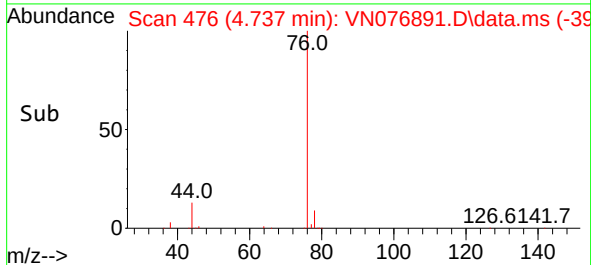
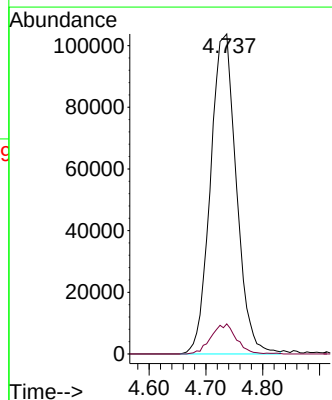
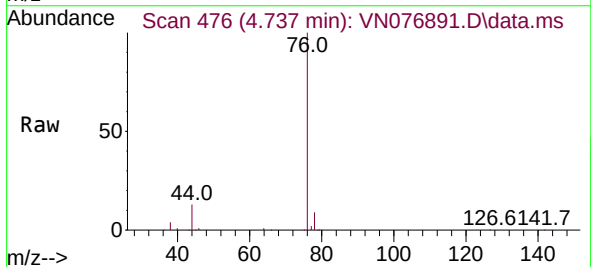
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

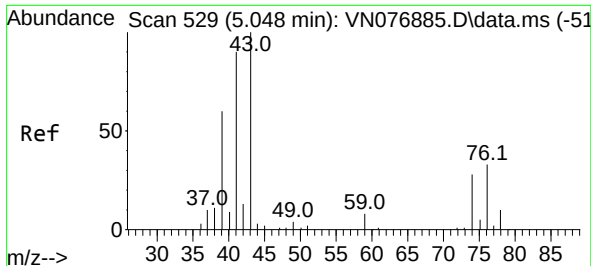
Tgt Ion: 58 Resp: 111115
Ion Ratio Lower Upper
58 100
43 293.0 255.4 383.0



#16
Carbon Disulfide
Concen: 20.540 ug/l
RT: 4.737 min Scan# 476
Delta R.T. 0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 76 Resp: 328731
Ion Ratio Lower Upper
76 100
78 9.4 6.6 9.8



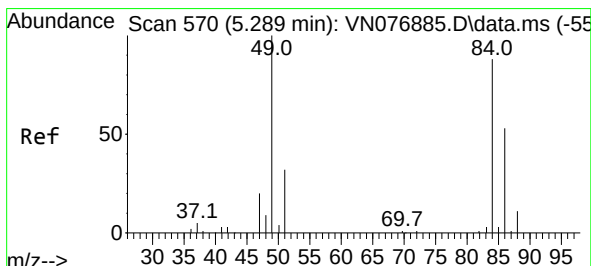
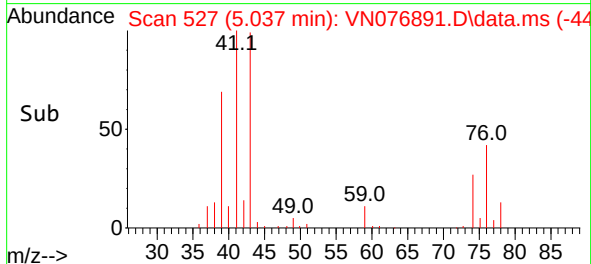
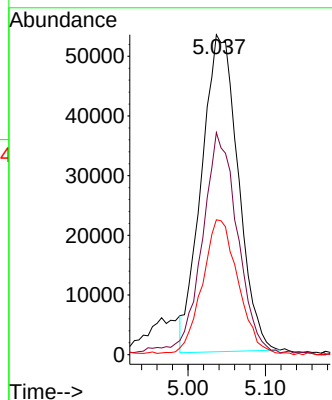
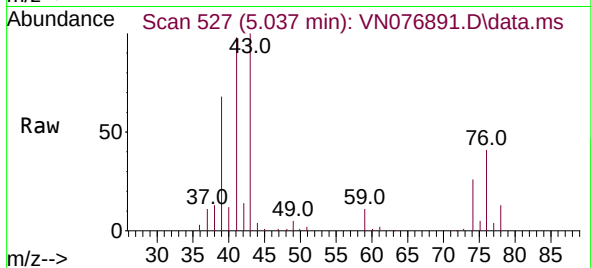


#17
 Allyl chloride
 Concen: 20.156 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN076891.D
 Acq: 09 Mar 2023 09:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 41 Resp: 174493

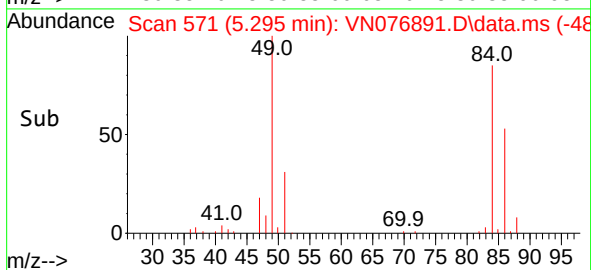
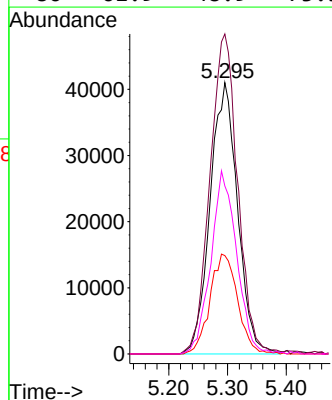
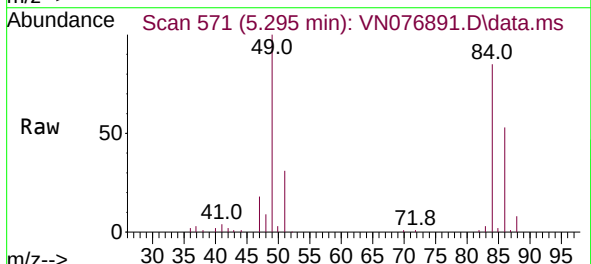
Ion	Ratio	Lower	Upper
41	100		
39	69.8	34.8	104.3
76	42.4	17.5	52.5

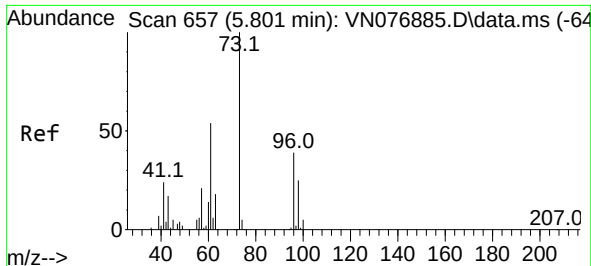


#18
 Methylene Chloride
 Concen: 19.726 ug/l
 RT: 5.295 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VN076891.D
 Acq: 09 Mar 2023 09:51

Tgt Ion: 84 Resp: 133177

Ion	Ratio	Lower	Upper
84	100		
49	117.9	113.8	170.6
51	36.3	34.2	51.4
86	61.9	48.9	73.3

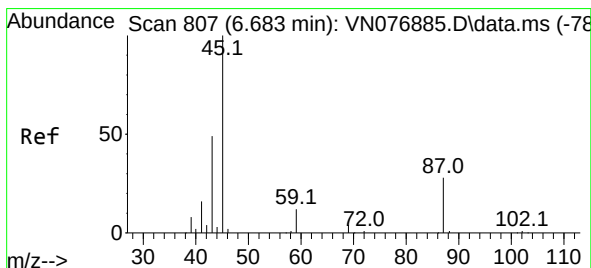
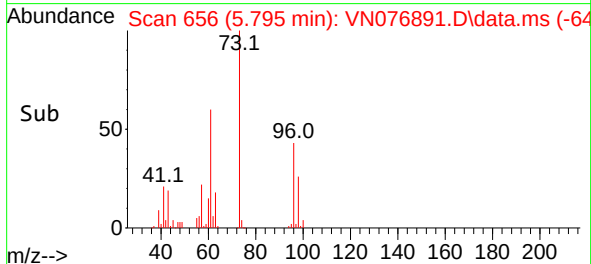
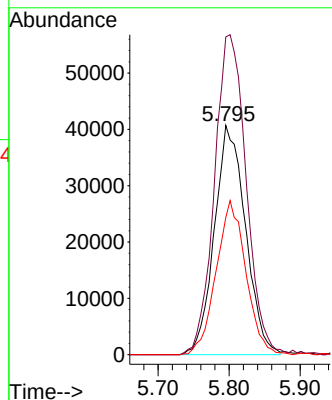
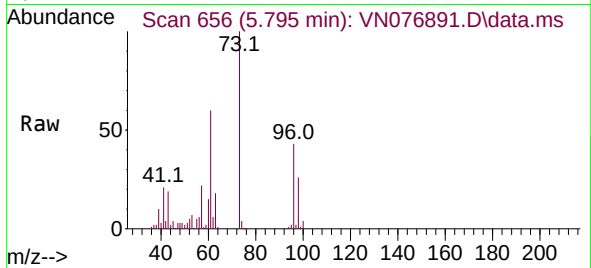




#19
trans-1,2-Dichloroethene
Concen: 20.361 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

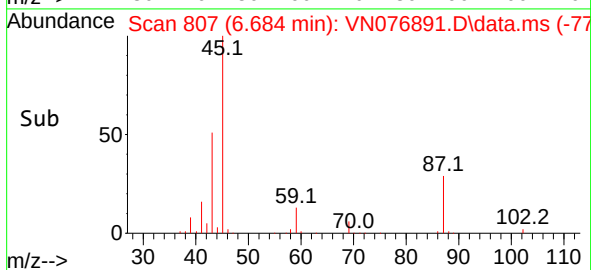
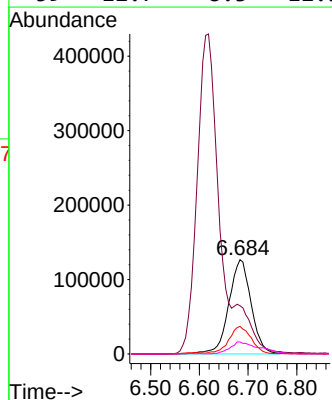
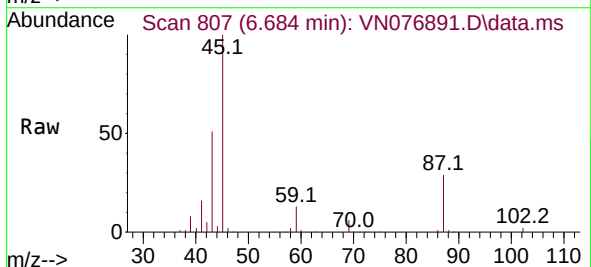
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

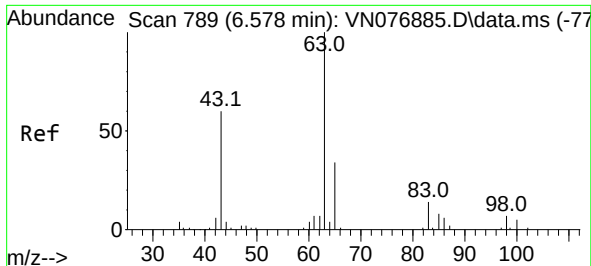
Tgt Ion: 96 Resp: 123829
Ion Ratio Lower Upper
96 100
61 138.7 111.0 166.4
98 59.9 55.0 82.6



#20
Diisopropyl ether
Concen: 20.600 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.005 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 45 Resp: 402311
Ion Ratio Lower Upper
45 100
43 48.6 38.6 58.0
87 28.8 20.1 30.1
59 12.7 8.3 12.5#

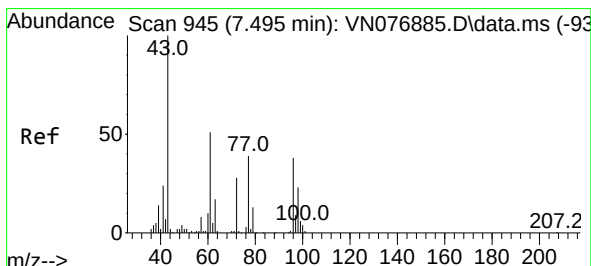
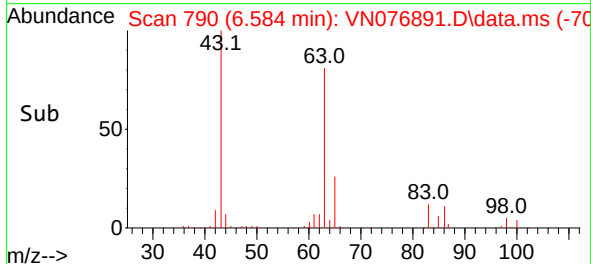
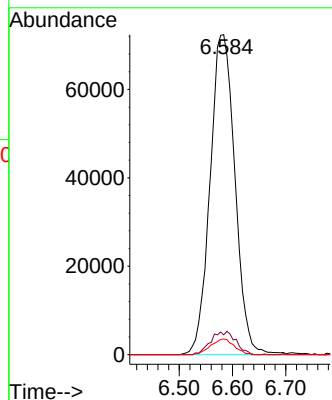
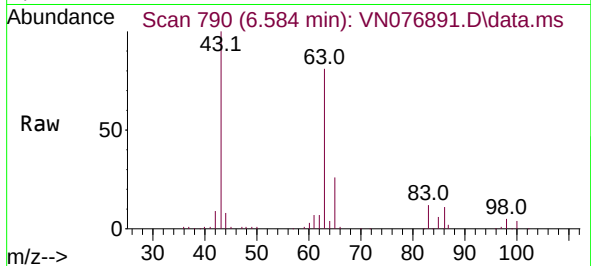




#21
1,1-Dichloroethane
Concen: 20.220 ug/l
RT: 6.584 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

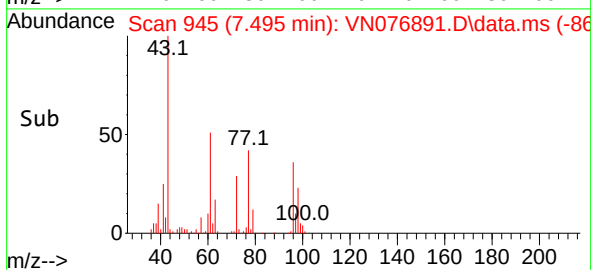
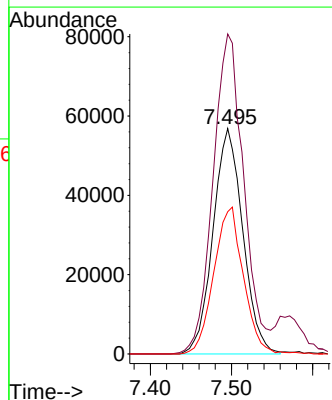
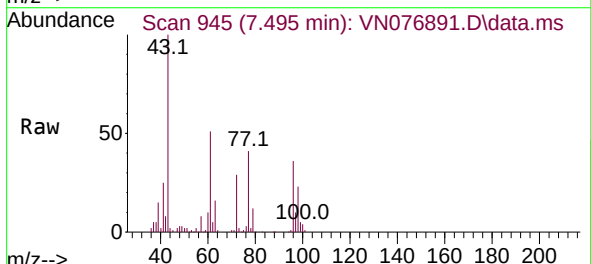
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

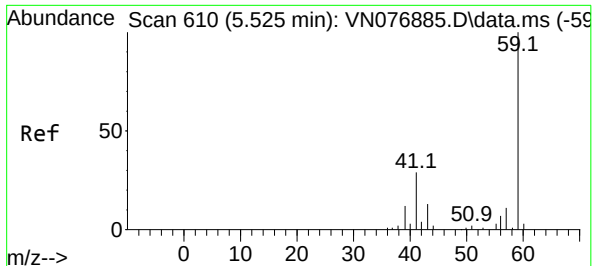
Tgt Ion: 63 Resp: 234999
Ion Ratio Lower Upper
63 100
98 6.2 3.6 10.9
100 4.9 2.6 7.8



#22
cis-1,2-Dichloroethene
Concen: 20.812 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 96 Resp: 145050
Ion Ratio Lower Upper
96 100
61 146.8 121.0 181.4
98 64.4 50.1 75.1





#23

tert-Butyl Alcohol

Concen: 0.434 ug/l

RT: 5.613 min Scan# 610

Delta R.T. 0.082 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

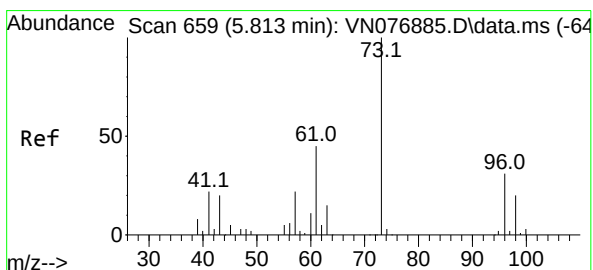
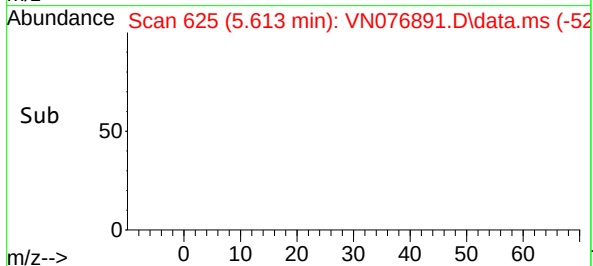
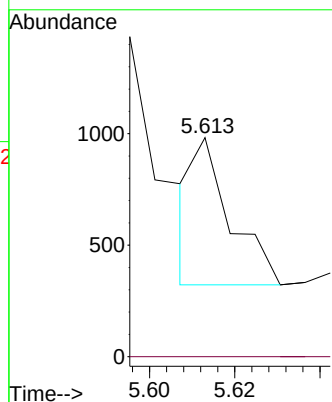
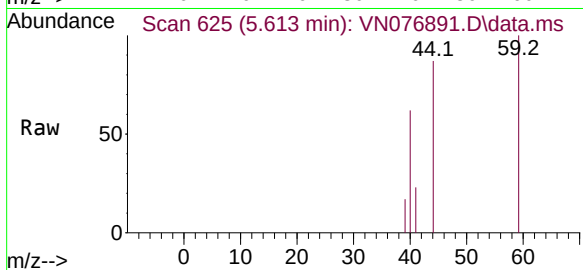
VSTDCCC020

Tgt Ion: 59 Resp: 394

Ion Ratio Lower Upper

59 100

52 0.0 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 20.944 ug/l

RT: 5.807 min Scan# 658

Delta R.T. 0.000 min

Lab File: VN076891.D

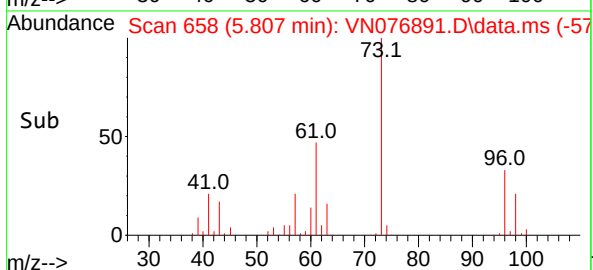
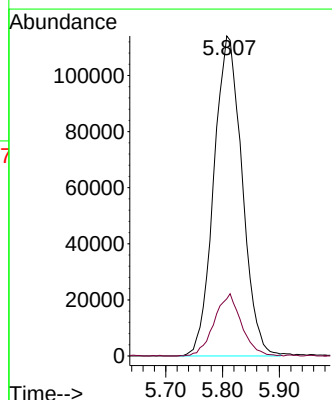
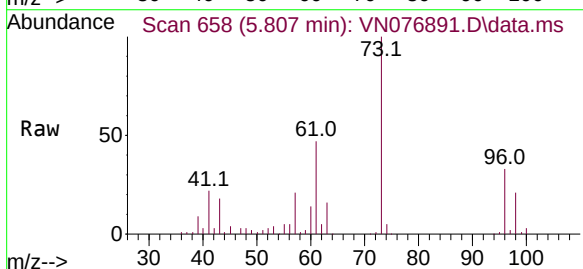
Acq: 09 Mar 2023 09:51

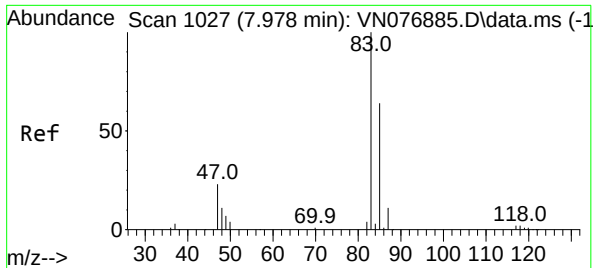
Tgt Ion: 73 Resp: 394132

Ion Ratio Lower Upper

73 100

43 18.7 17.8 26.6

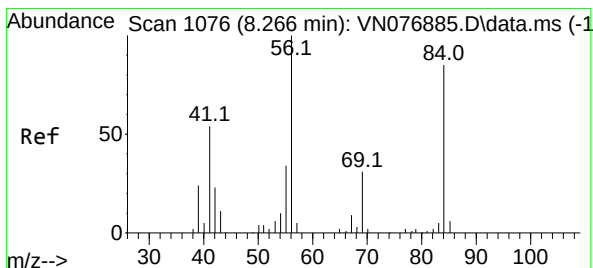
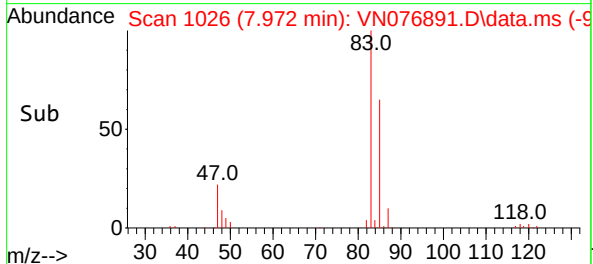
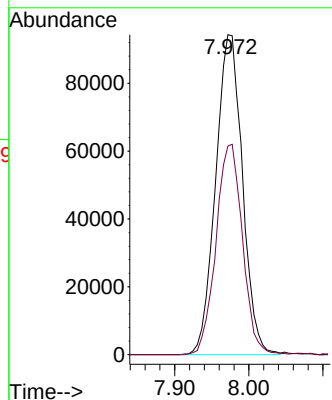
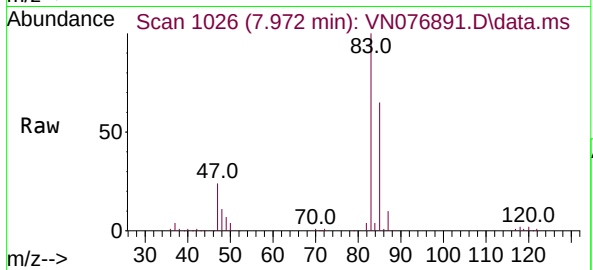




#25
Chloroform
Concen: 19.868 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

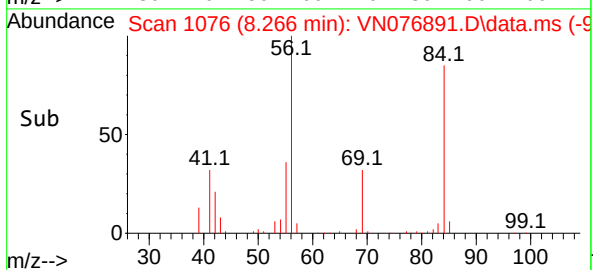
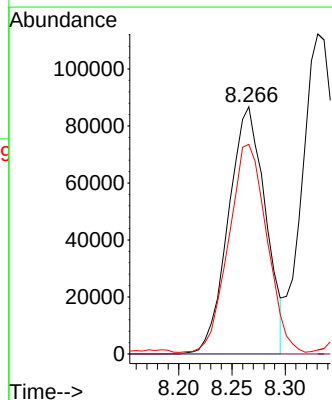
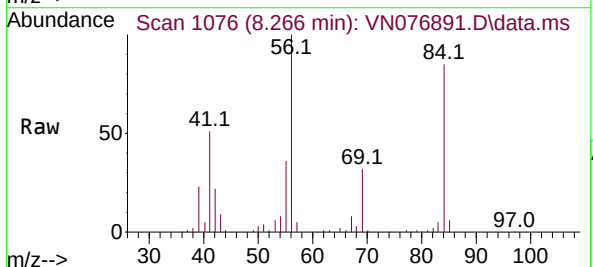
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

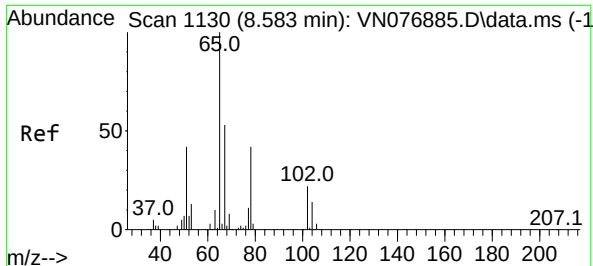
Tgt Ion: 83 Resp: 237205
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.6



#26
Cyclohexane
Concen: 19.781 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 56 Resp: 209895
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.1 65.3 97.9





#27

1,2-Dichloroethane-d4

Concen: 31.397 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

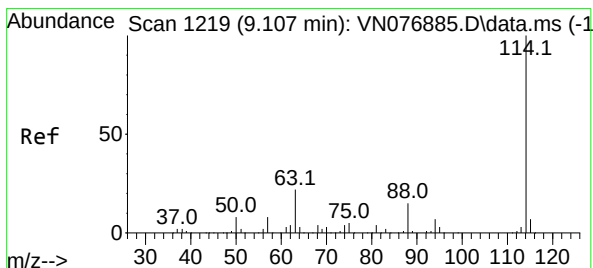
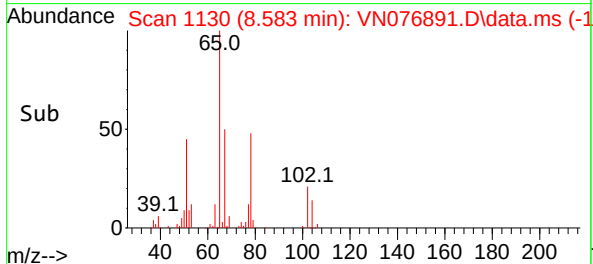
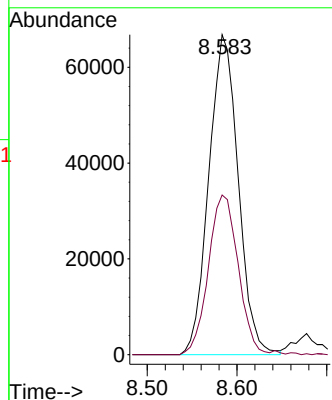
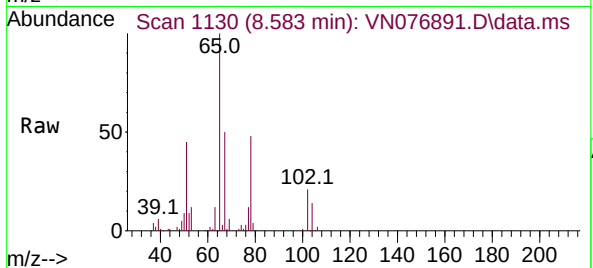
VSTDCCC020

Tgt Ion: 65 Resp: 152033

Ion Ratio Lower Upper

65 100

67 50.4 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: VN076891.D

Acq: 09 Mar 2023 09:51

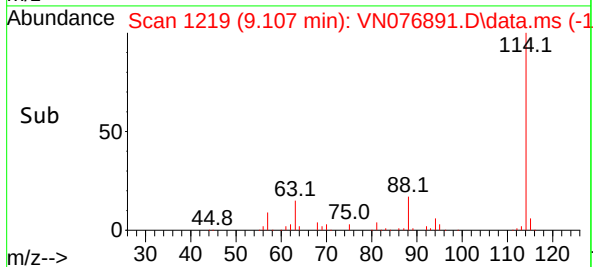
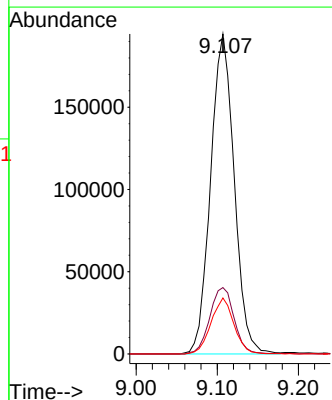
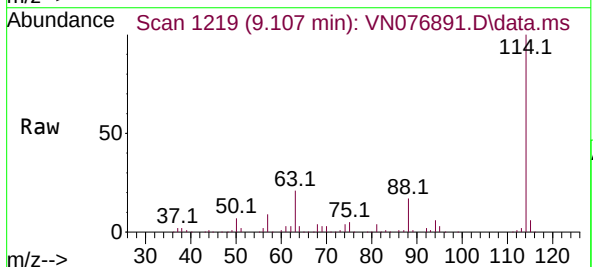
Tgt Ion: 114 Resp: 393567

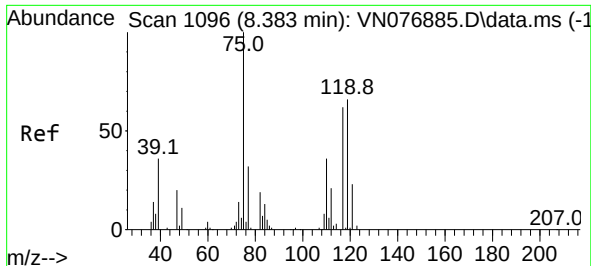
Ion Ratio Lower Upper

114 100

63 21.3 17.0 25.4

88 17.0 11.6 17.4





#29

1,1-Dichloropropene

Concen: 19.607 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

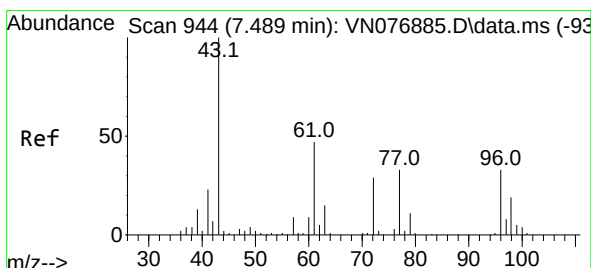
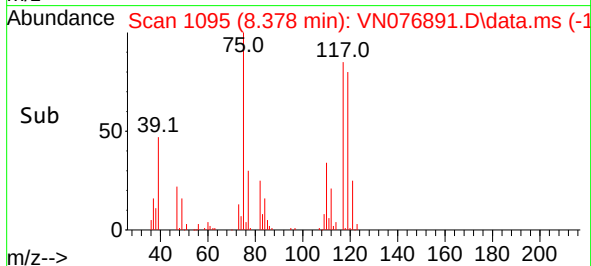
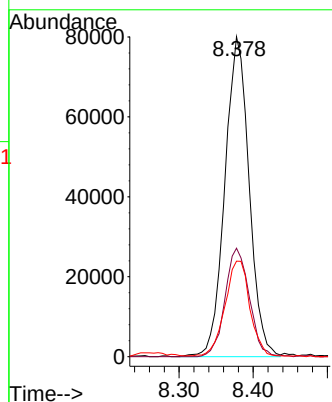
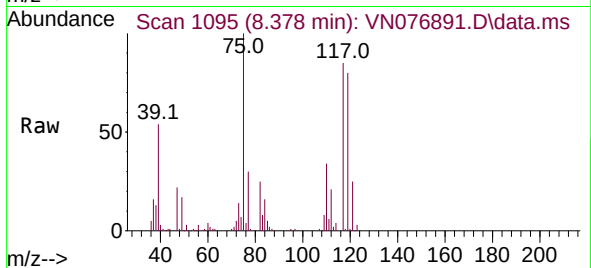
Tgt Ion: 75 Resp: 181761

Ion Ratio Lower Upper

75 100

110 33.6 0.0 67.2

77 30.9 0.0 64.4



#30

2-Butanone

Concen: 100.389 ug/l

RT: 7.489 min Scan# 944

Delta R.T. 0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

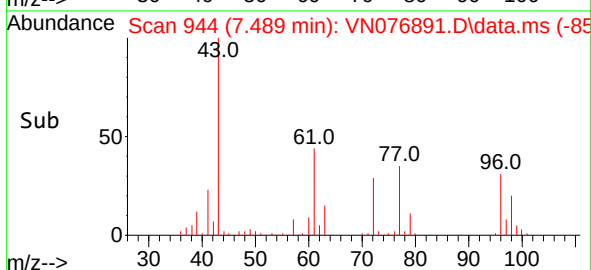
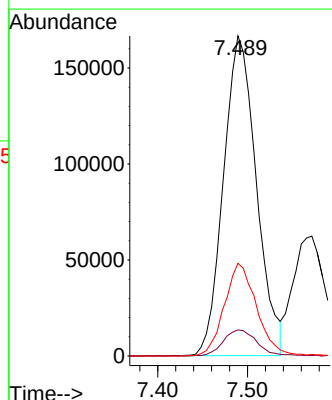
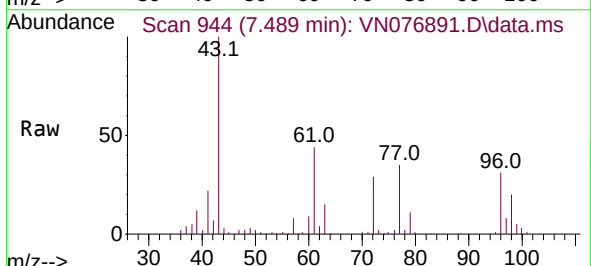
Tgt Ion: 43 Resp: 424577

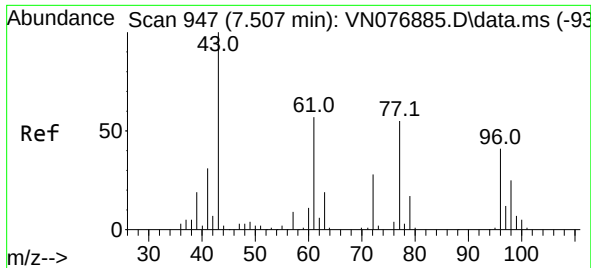
Ion Ratio Lower Upper

43 100

57 8.4 6.1 9.1

72 28.3 20.2 30.4

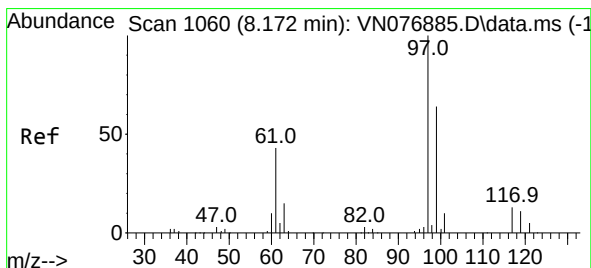
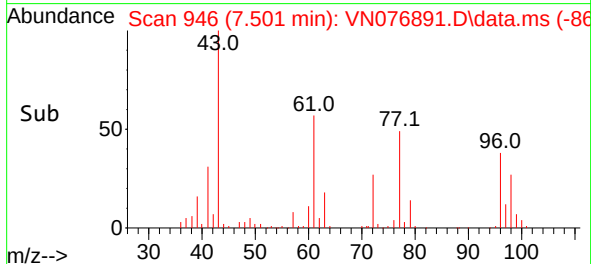
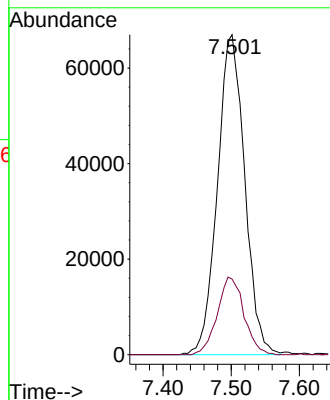
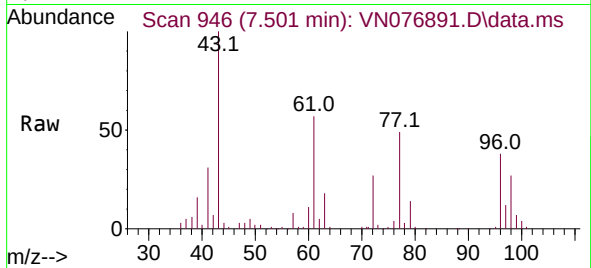




#31
2,2-Dichloropropane
Concen: 20.305 ug/l
RT: 7.501 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

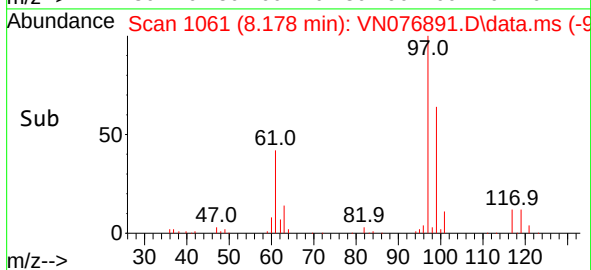
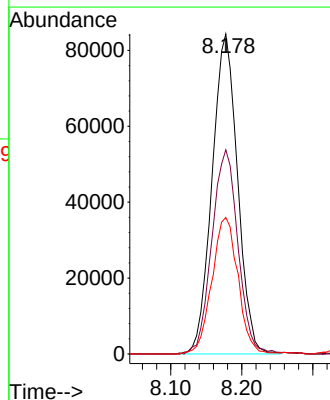
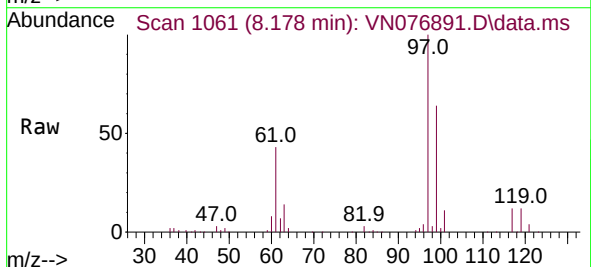
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

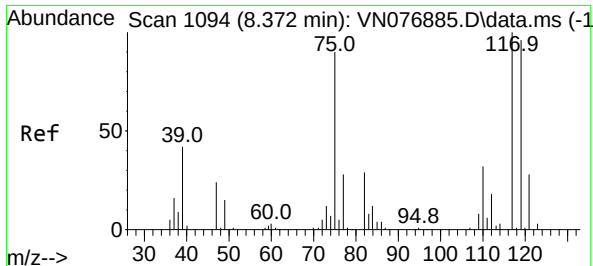
Tgt Ion: 77 Resp: 186492
Ion Ratio Lower Upper
77 100
97 23.7 7.2 10.8#



#32
1,1,1-Trichloroethane
Concen: 19.461 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 97 Resp: 210427
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.8
61 43.5 39.3 58.9

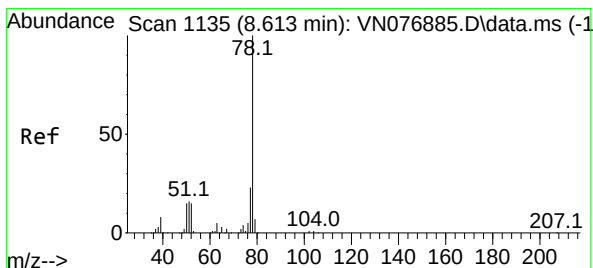
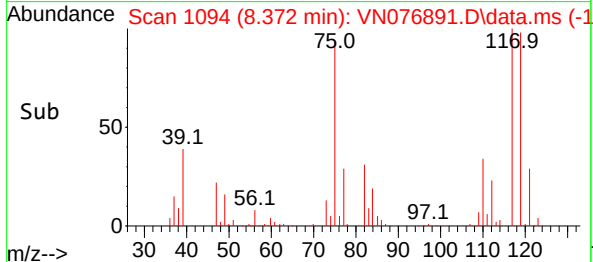
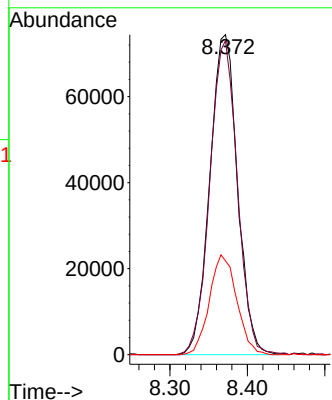
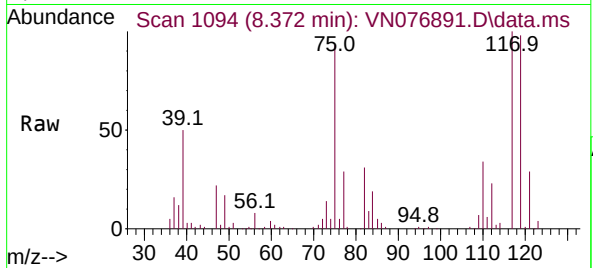




#33
Carbon Tetrachloride
Concen: 19.281 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

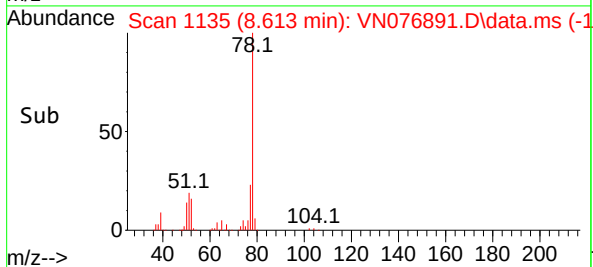
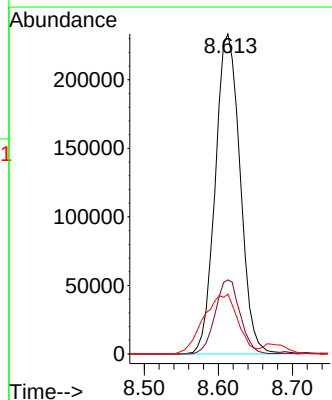
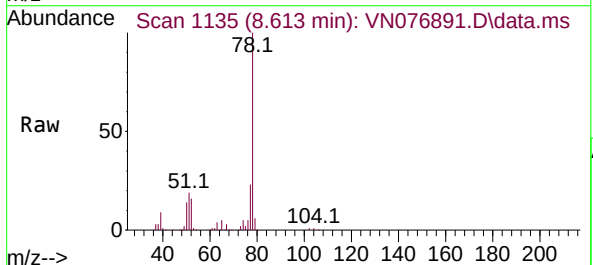
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

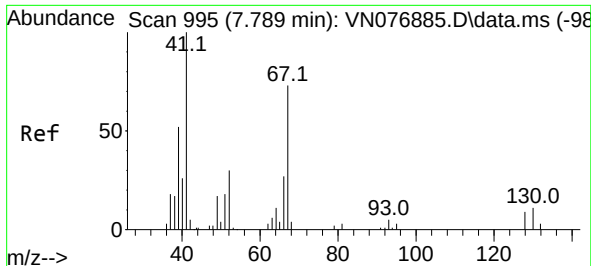
Tgt Ion:117 Resp: 184341
Ion Ratio Lower Upper
117 100
119 97.8 79.8 119.8
121 29.3 23.4 35.0



#34
Benzene
Concen: 19.111 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 78 Resp: 543116
Ion Ratio Lower Upper
78 100
77 23.2 17.4 26.2
51 18.0 13.8 20.6

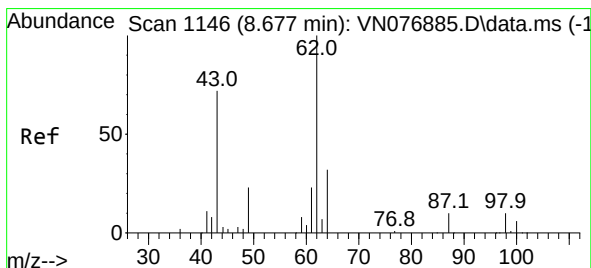
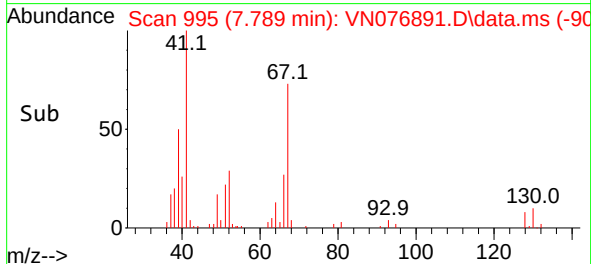
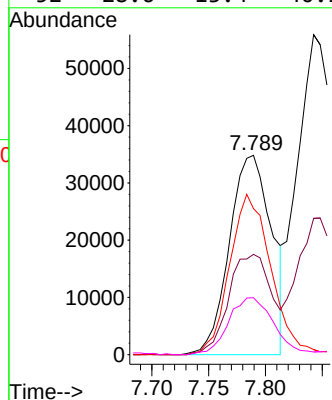
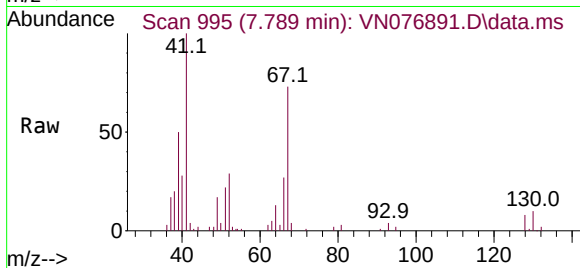




#35
Methacrylonitrile
Concen: 18.920 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

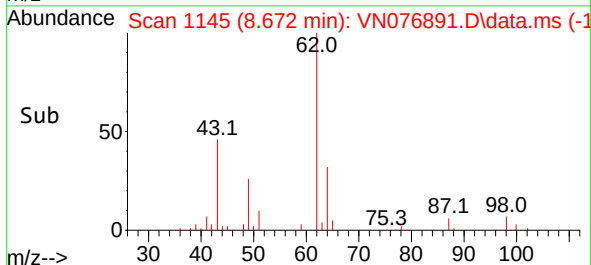
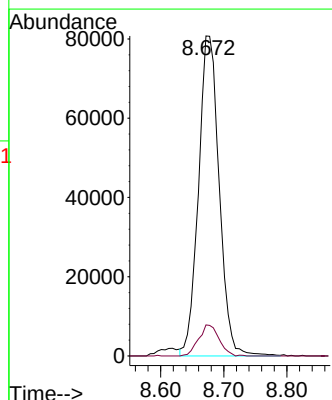
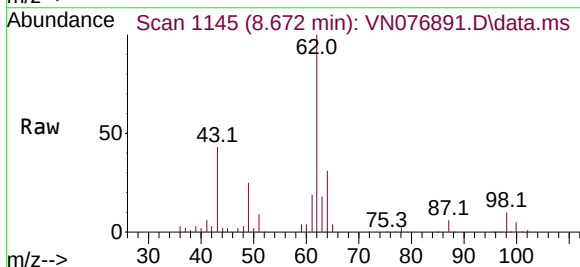
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

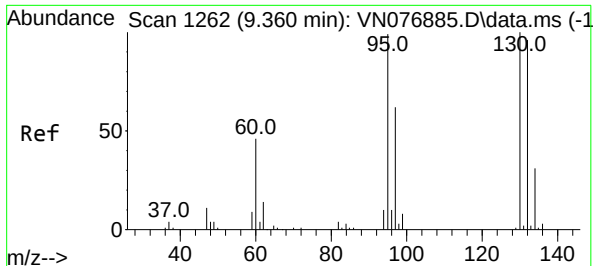
Tgt Ion: 41	Resp: 90042
Ion Ratio	Lower Upper
41 100	
39 50.3	26.6 79.7
67 73.3	32.3 96.9
52 28.6	13.4 40.1



#36
1,2-Dichloroethane
Concen: 19.353 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 62	Resp: 184353
Ion Ratio	Lower Upper
62 100	
98 9.5	7.4 11.0





#37

Trichloroethene

Concen: 19.336 ug/l

RT: 9.360 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

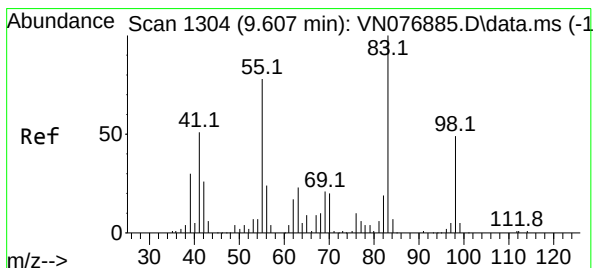
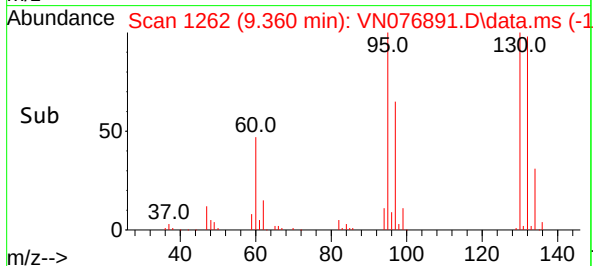
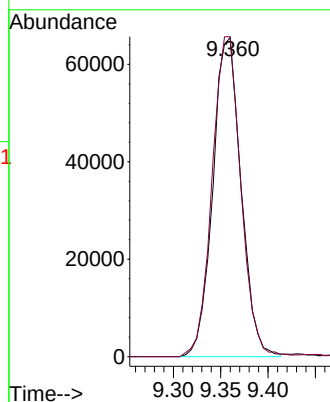
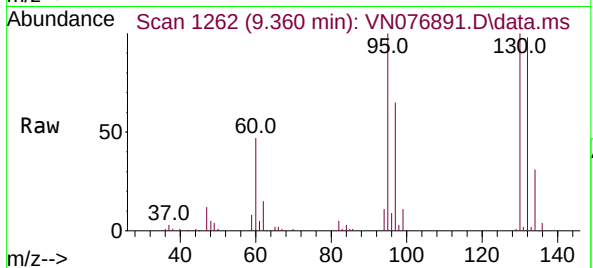
VSTDCCC020

Tgt Ion:130 Resp: 135436

Ion Ratio Lower Upper

130 100

95 100.4 78.7 118.1



#38

Methylcyclohexane

Concen: 19.603 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

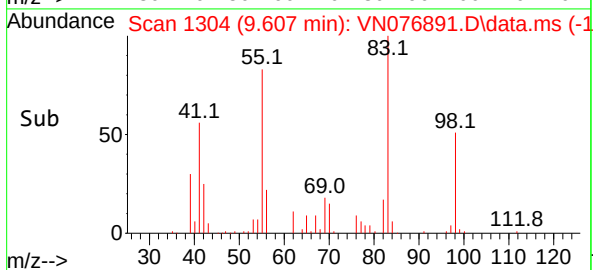
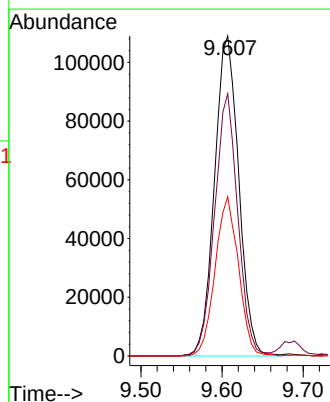
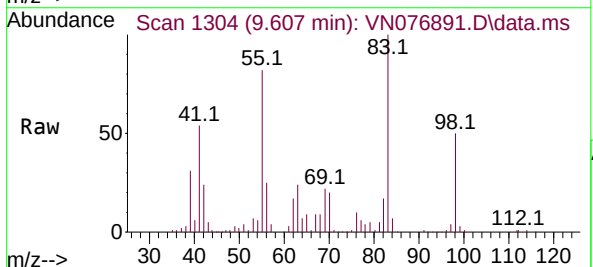
Tgt Ion: 83 Resp: 226196

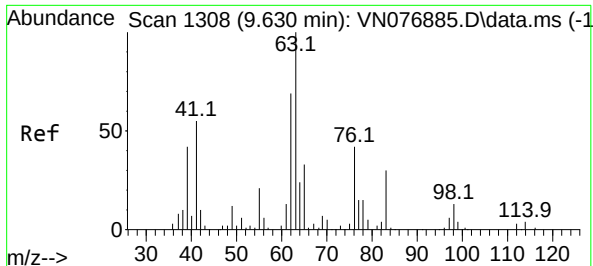
Ion Ratio Lower Upper

83 100

55 78.4 37.6 112.9

98 48.0 24.1 72.4





#39

1,2-Dichloropropane

Concen: 19.140 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

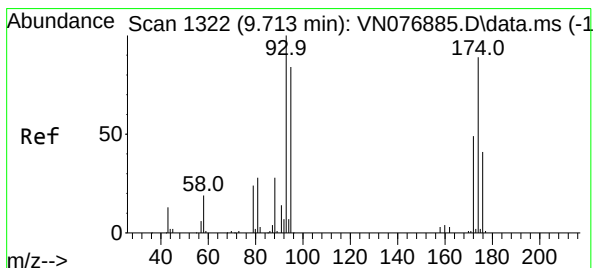
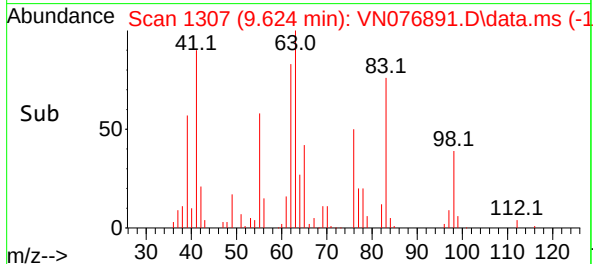
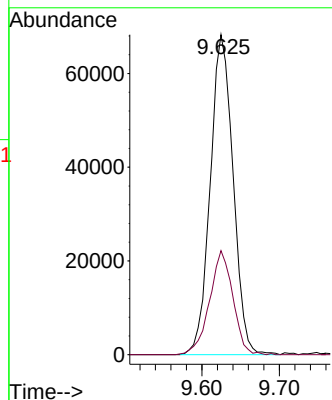
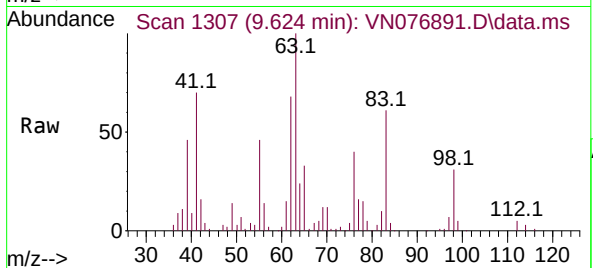
VSTDCCC020

Tgt Ion: 63 Resp: 139759

Ion Ratio Lower Upper

63 100

65 32.5 27.2 40.8



#40

Dibromomethane

Concen: 19.279 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

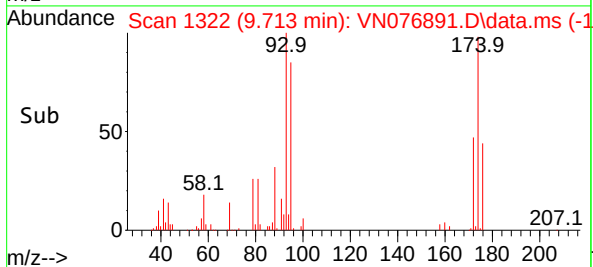
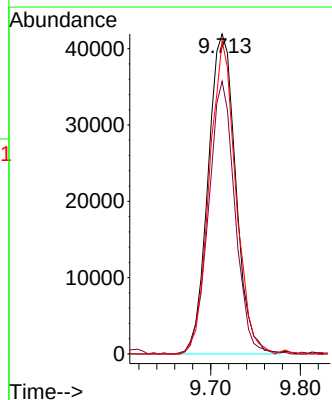
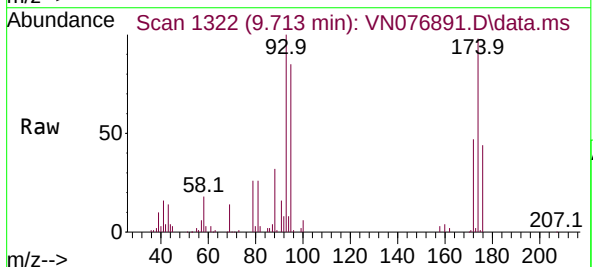
Tgt Ion: 93 Resp: 89685

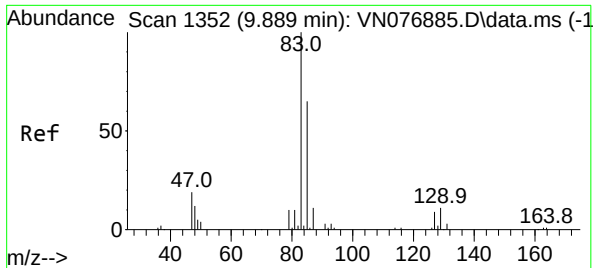
Ion Ratio Lower Upper

93 100

95 81.0 0.0 158.0

174 93.3 0.0 171.2

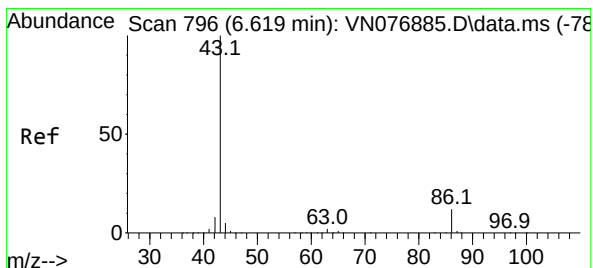
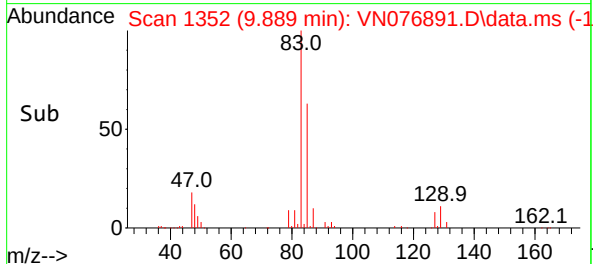
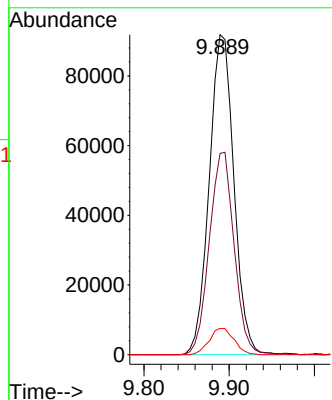
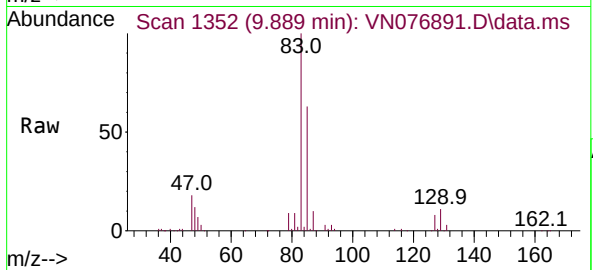




#41
Bromodichloromethane
Concen: 19.393 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

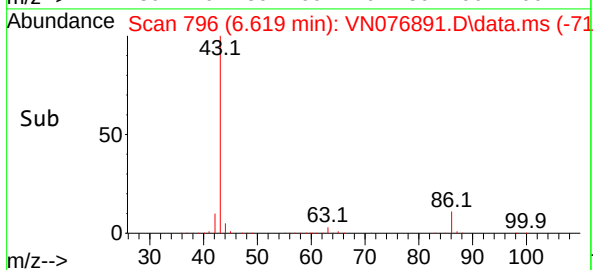
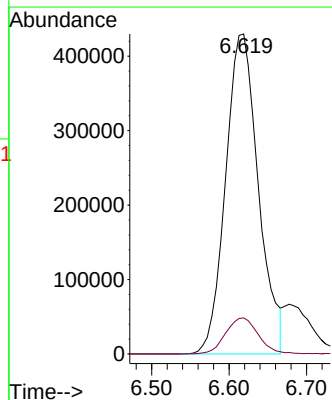
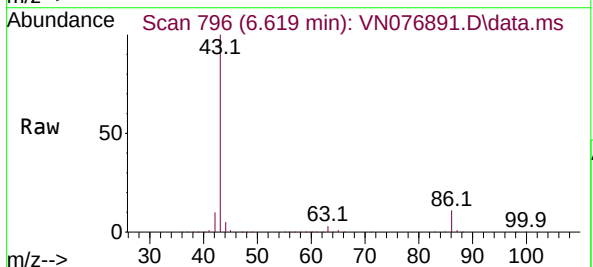
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

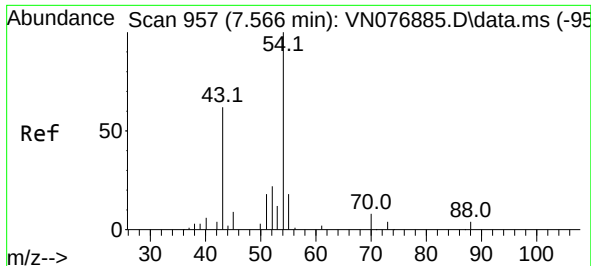
Tgt Ion: 83 Resp: 184885
Ion Ratio Lower Upper
83 100
85 62.9 51.0 76.4
127 8.2 6.2 9.2



#42
Vinyl Acetate
Concen: 96.084 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 43 Resp: 1266724
Ion Ratio Lower Upper
43 100
86 11.2 7.8 11.6





#43

Ethyl Acetate

Concen: 17.852 ug/l

RT: 7.572 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

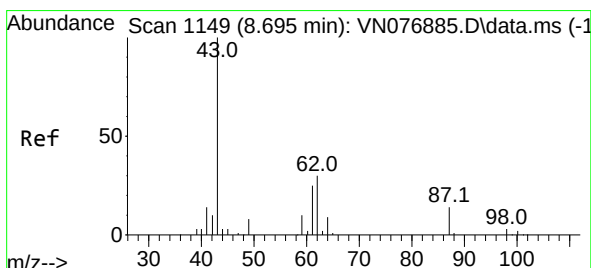
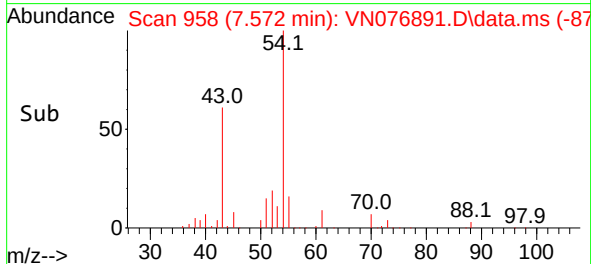
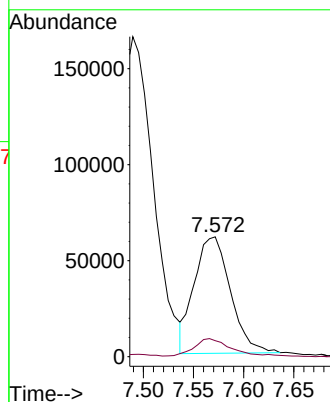
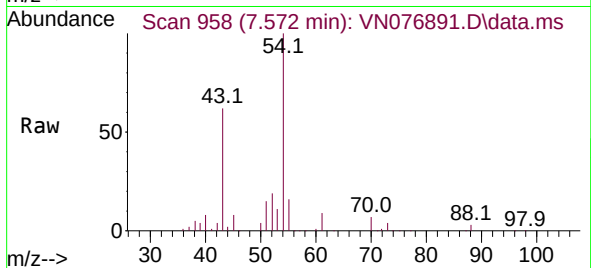
VSTDCCC020

Tgt Ion: 43 Resp: 152351

Ion Ratio Lower Upper

43 100

45 14.3 11.2 16.8



#44

Isopropyl Acetate

Concen: 18.874 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076891.D

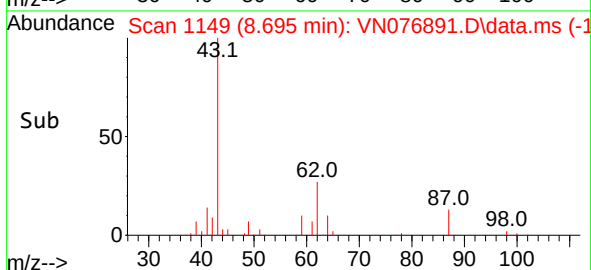
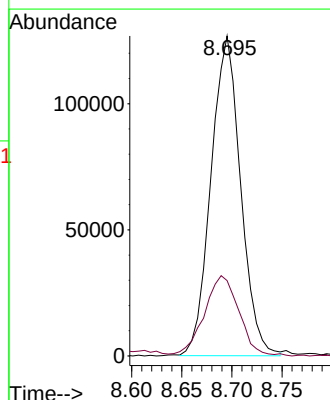
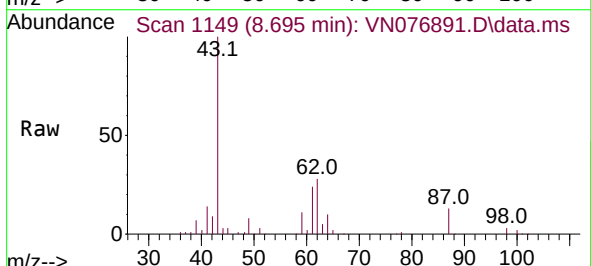
Acq: 09 Mar 2023 09:51

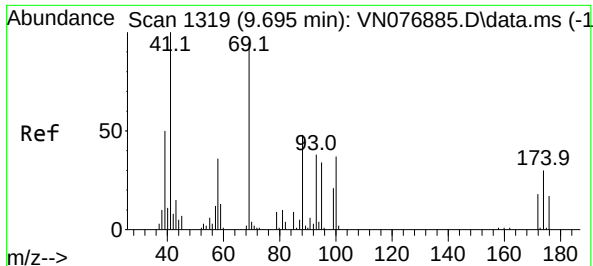
Tgt Ion: 43 Resp: 261102

Ion Ratio Lower Upper

43 100

61 29.2 19.5 29.3

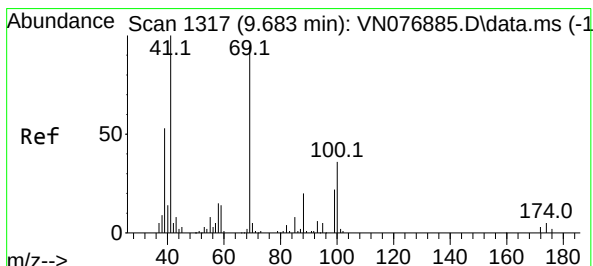
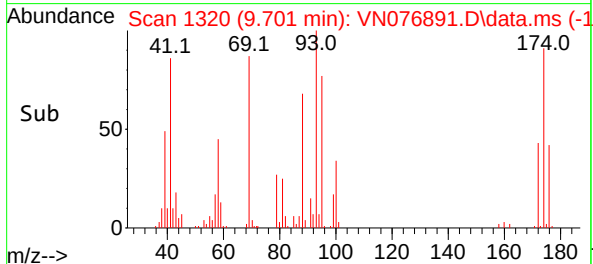
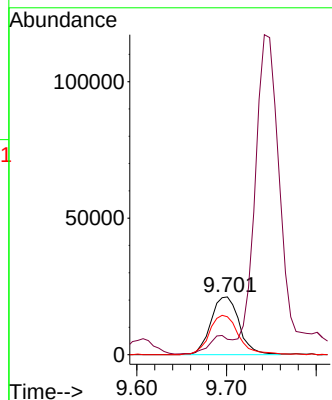
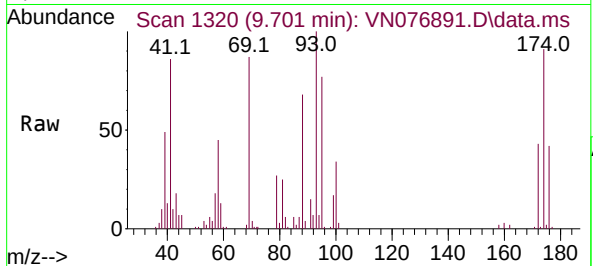




#45
1,4-Dioxane
Concen: 399.746 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

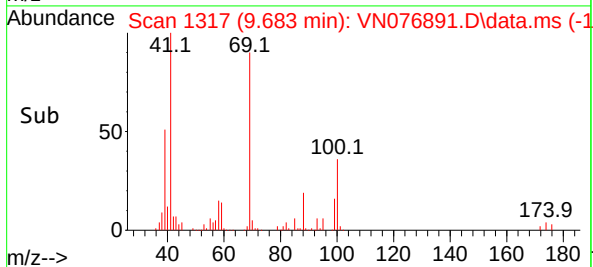
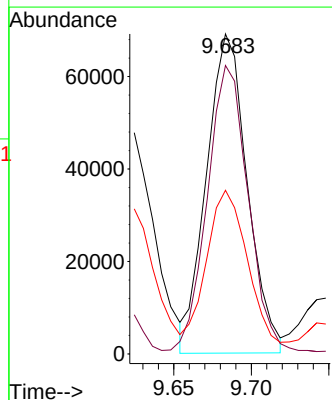
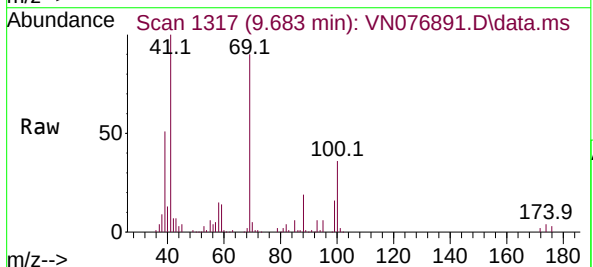
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

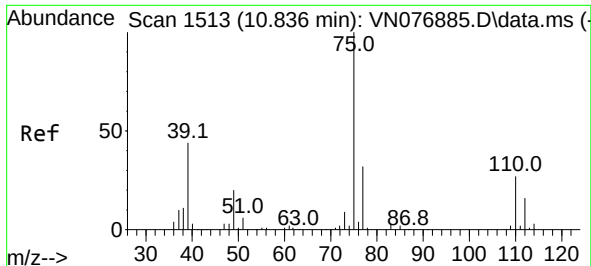
Tgt Ion: 88 Resp: 46522
Ion Ratio Lower Upper
88 100
43 24.2 26.0 39.0#
58 70.6 54.3 81.5



#46
Methyl methacrylate
Concen: 18.759 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 41 Resp: 126381
Ion Ratio Lower Upper
41 100
69 91.5 40.6 121.7
39 50.0 30.5 91.5

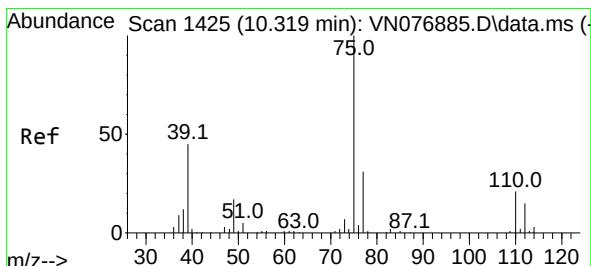
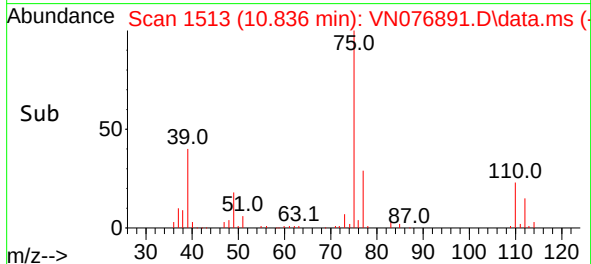
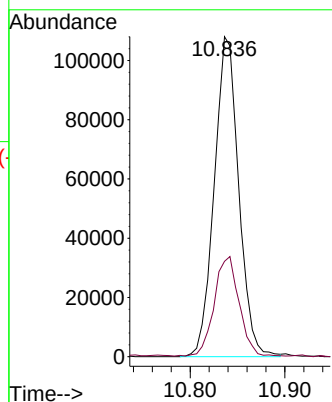
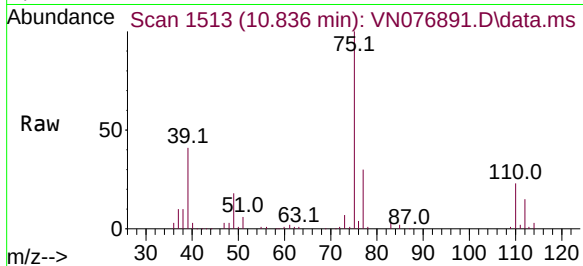




#48
t-1,3-Dichloropropene
Concen: 20.346 ug/l
RT: 10.836 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

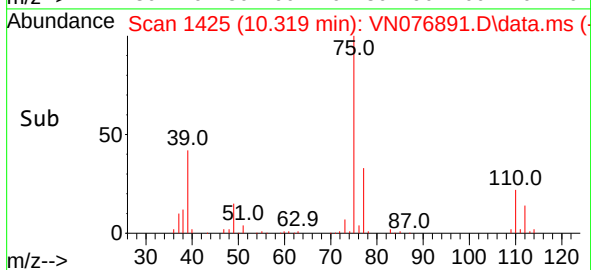
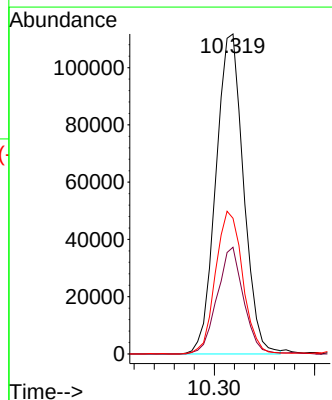
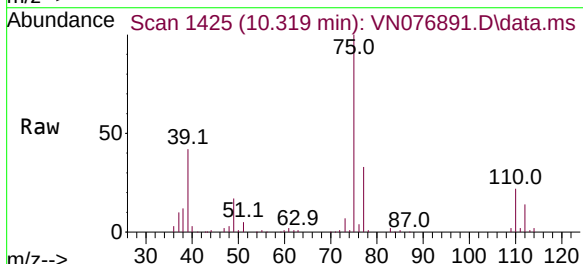
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

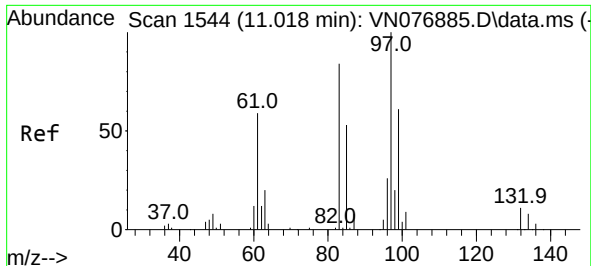
Tgt Ion: 75 Resp: 194284
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.2



#49
cis-1,3-Dichloropropene
Concen: 19.708 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 75 Resp: 213740
Ion Ratio Lower Upper
75 100
77 33.4 27.5 41.3
39 42.4 43.5 65.3#

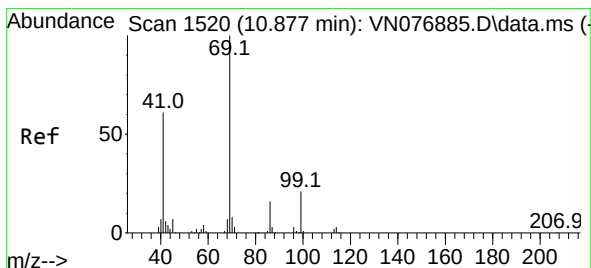
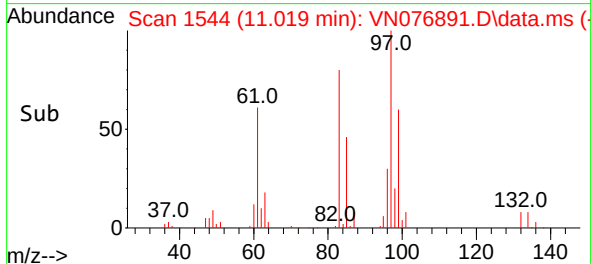
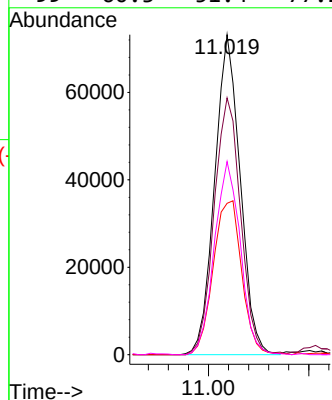
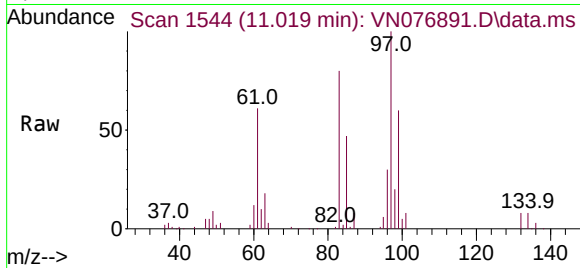




#50
1,1,2-Trichloroethane
Concen: 18.966 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

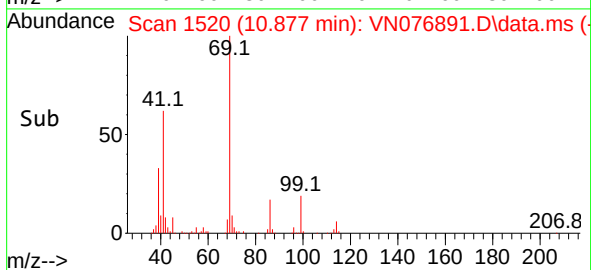
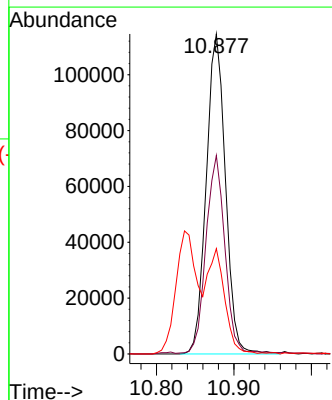
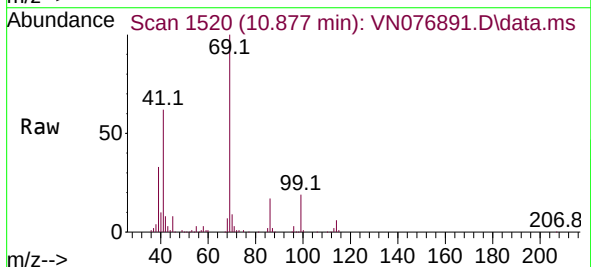
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

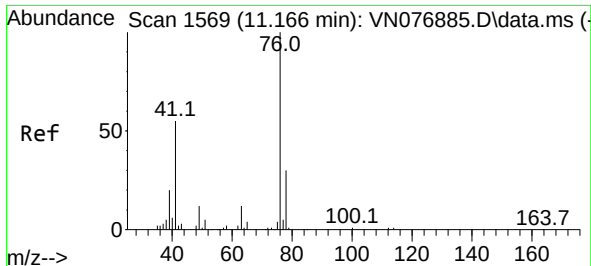
Tgt Ion:	97	Resp:	129254
Ion	Ratio	Lower	Upper
97	100		
83	80.3	71.0	106.4
85	47.3	45.5	68.3
99	60.3	51.4	77.2



#51
Ethyl methacrylate
Concen: 19.614 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion:	69	Resp:	197065
Ion	Ratio	Lower	Upper
69	100		
41	61.7	36.3	108.7
39	32.9	19.9	59.7

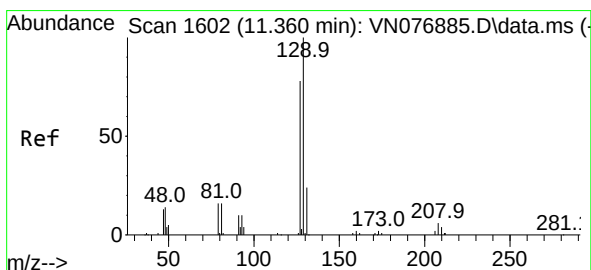
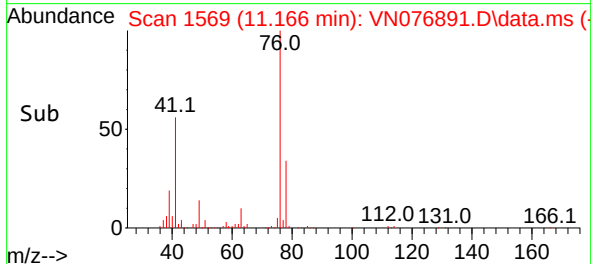
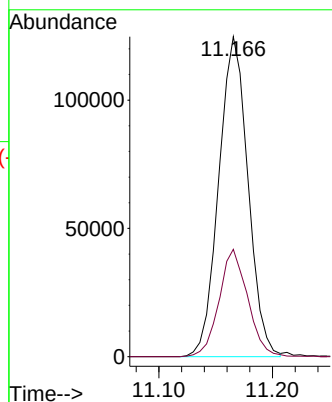
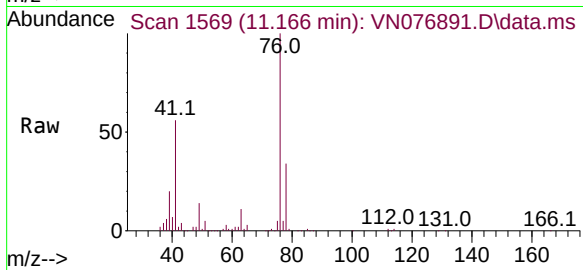




#52
1,3-Dichloropropane
Concen: 18.924 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

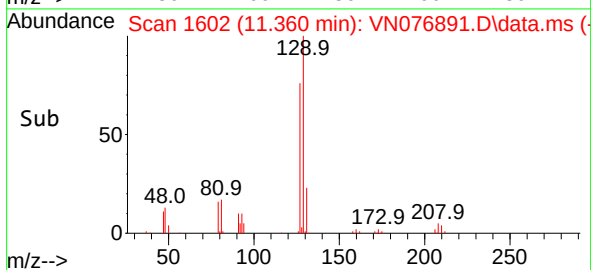
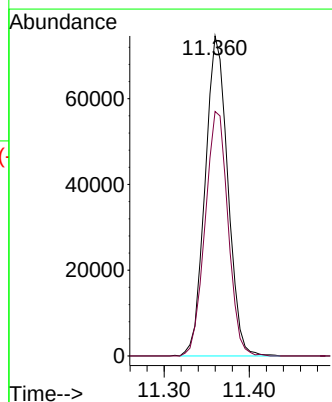
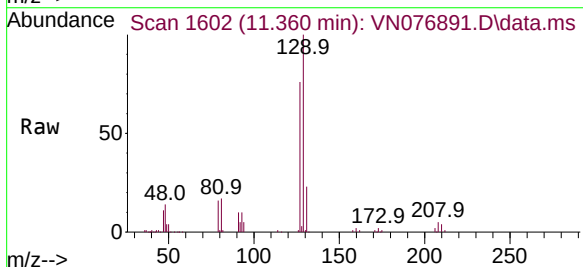
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

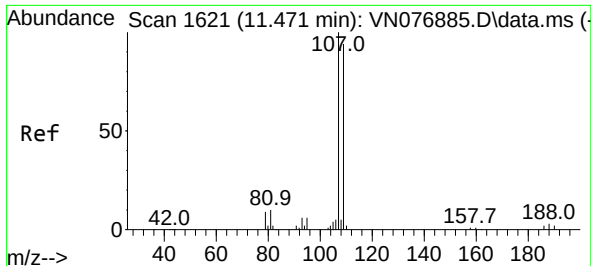
Tgt Ion: 76 Resp: 222757
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.4



#53
Dibromochloromethane
Concen: 19.789 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 129 Resp: 137584
Ion Ratio Lower Upper
129 100
127 77.2 39.4 118.1

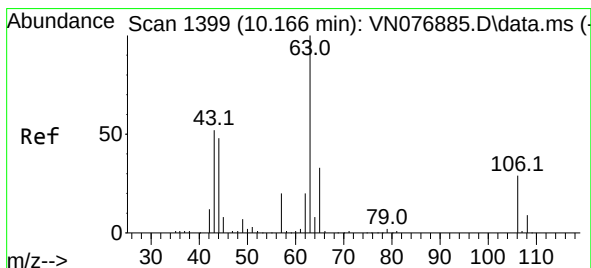
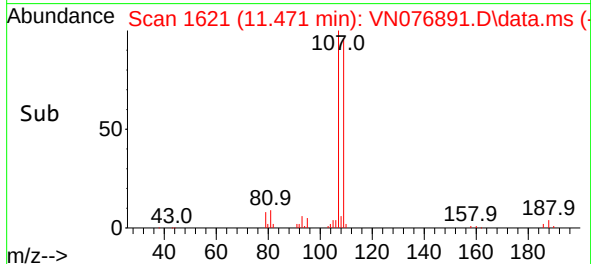
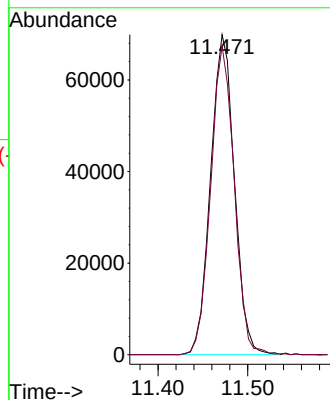
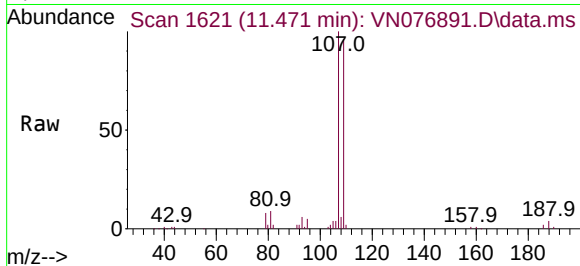




#54
1,2-Dibromoethane
Concen: 19.572 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

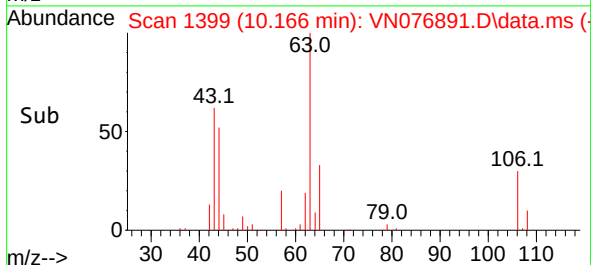
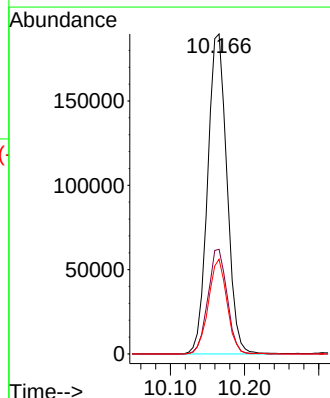
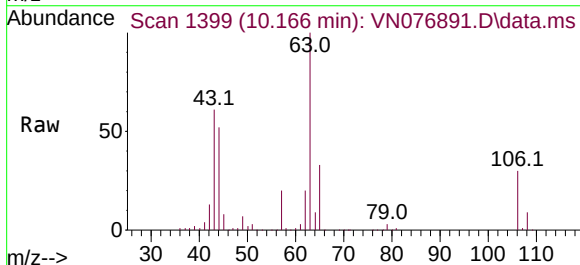
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

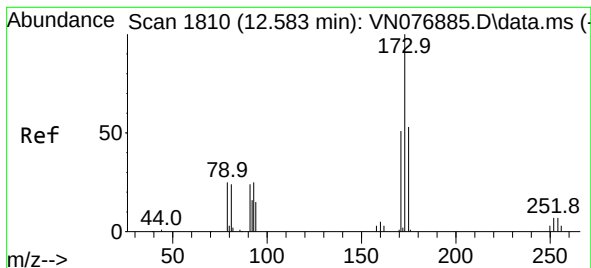
Tgt Ion:107 Resp: 128717
Ion Ratio Lower Upper
107 100
109 95.2 74.6 112.0



#55
2-Chloroethyl vinyl ether
Concen: 97.367 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 63 Resp: 342985
Ion Ratio Lower Upper
63 100
65 32.5 26.3 39.5
106 28.5 21.6 32.4





#56

Bromoform

Concen: 19.622 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

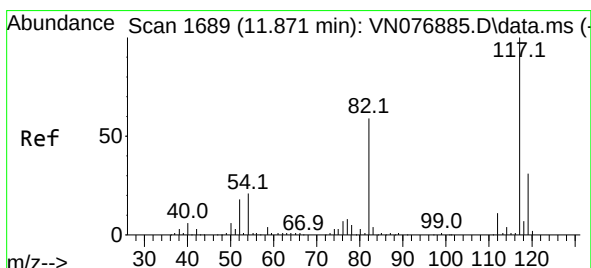
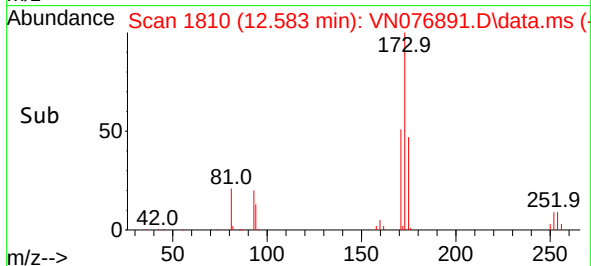
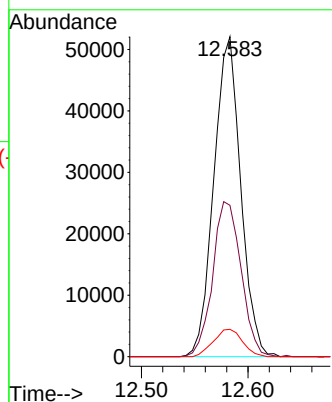
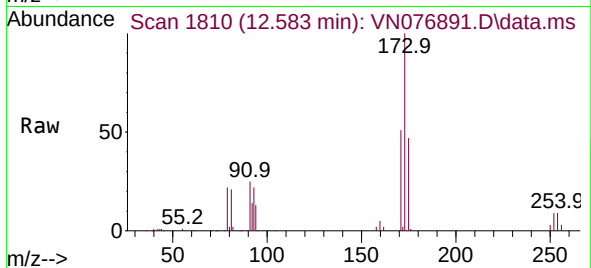
Tgt Ion:173 Resp: 91267

Ion Ratio Lower Upper

173 100

175 51.2 37.8 56.6

254 9.3 7.3 10.9



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1689

Delta R.T. 0.006 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

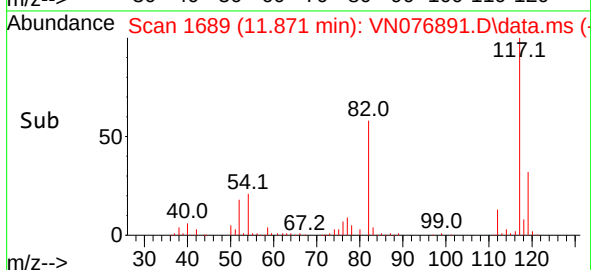
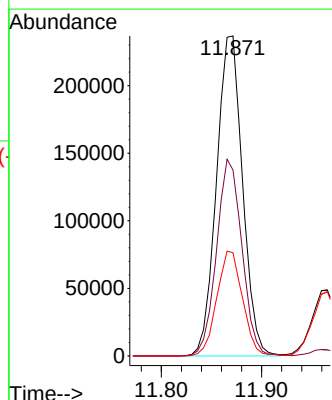
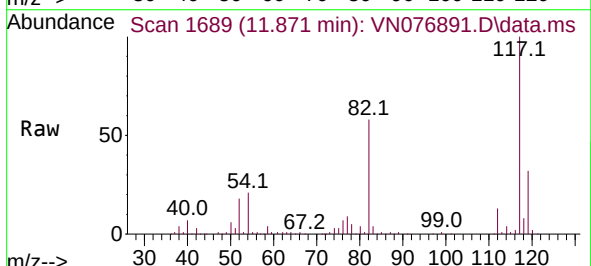
Tgt Ion:117 Resp: 427733

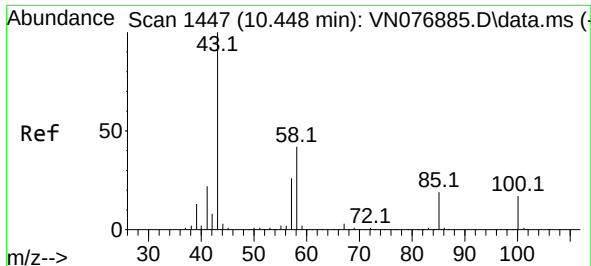
Ion Ratio Lower Upper

117 100

82 59.9 45.4 68.0

119 32.3 26.8 40.2

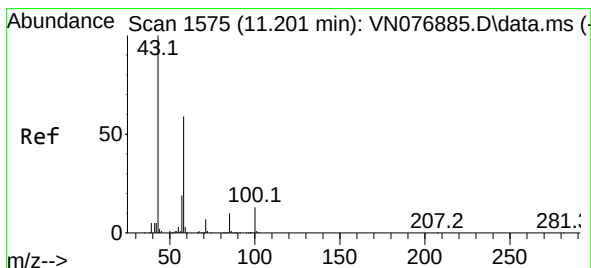
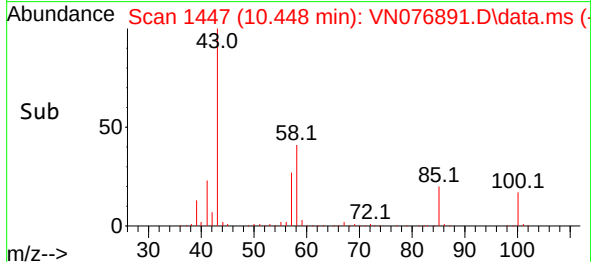
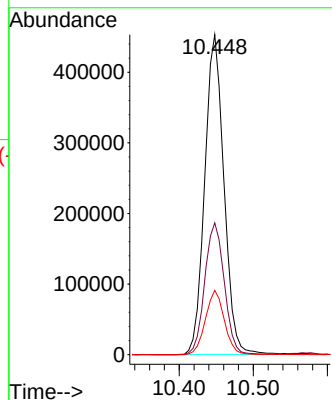
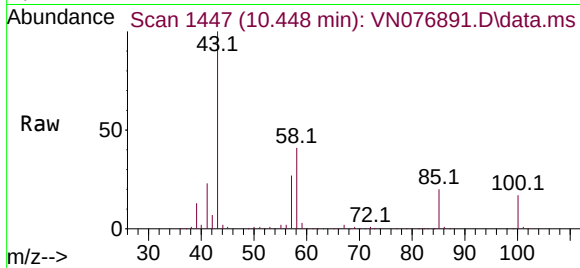




#58
4-Methyl-2-Pentanone
Concen: 94.378 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

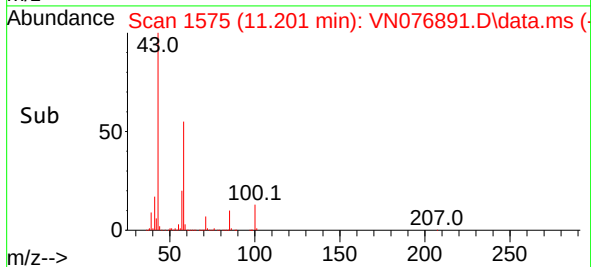
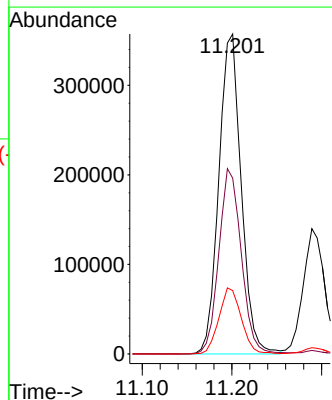
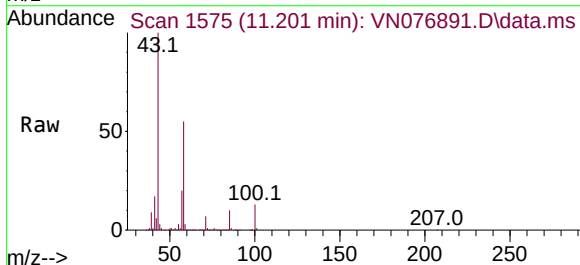
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

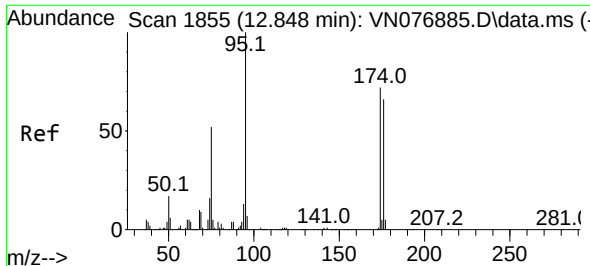
Tgt Ion: 43 Resp: 815495
Ion Ratio Lower Upper
43 100
58 42.0 28.6 42.8
85 19.8 11.8 17.8#



#59
2-Hexanone
Concen: 100.850 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 43 Resp: 619039
Ion Ratio Lower Upper
43 100
58 58.2 40.6 60.8
57 20.5 13.1 19.7#

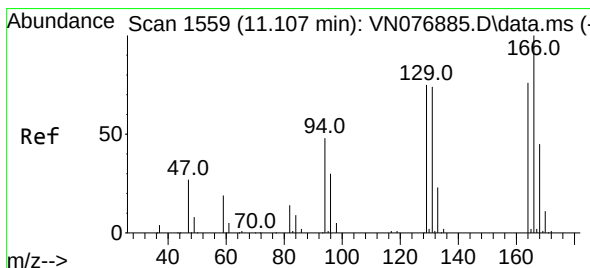
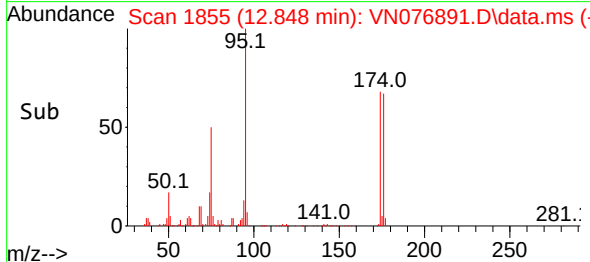
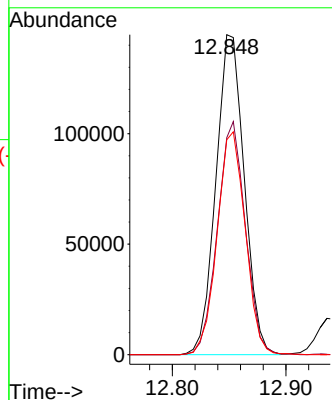
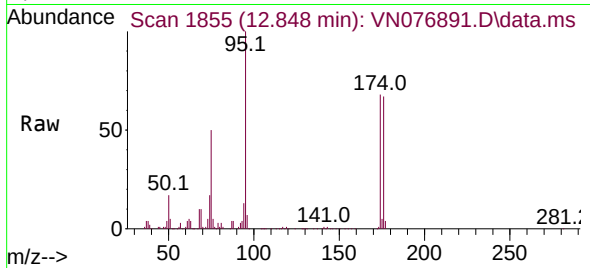




#60
4-Bromofluorobenzene
Concen: 31.041 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

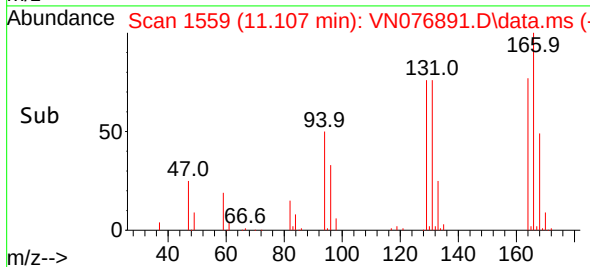
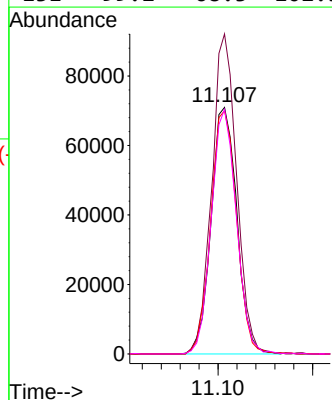
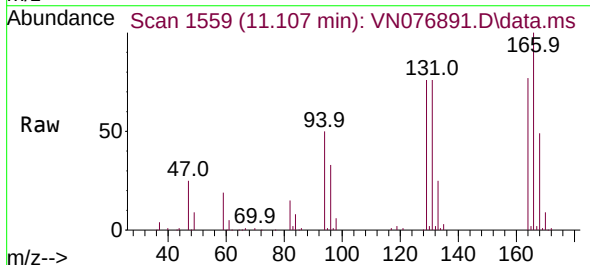
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

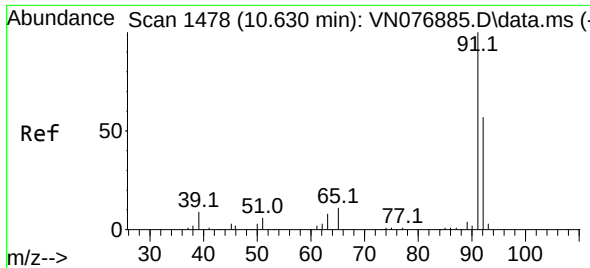
Tgt Ion: 95 Resp: 251288
Ion Ratio Lower Upper
95 100
174 71.7 64.2 96.4
176 69.1 61.4 92.0



#61
Tetrachloroethene
Concen: 19.803 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion:164 Resp: 133715
Ion Ratio Lower Upper
164 100
166 129.8 96.2 144.2
129 98.6 78.2 117.4
131 99.2 68.3 102.5

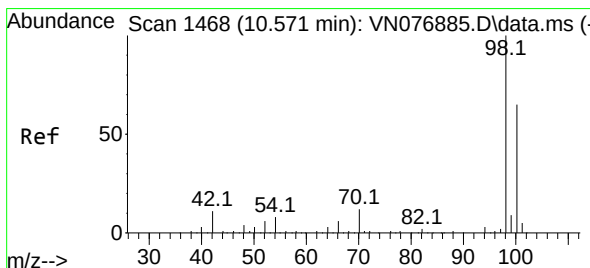
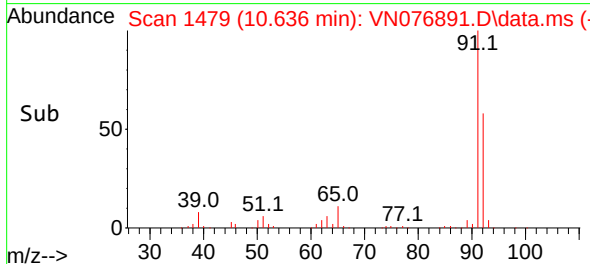
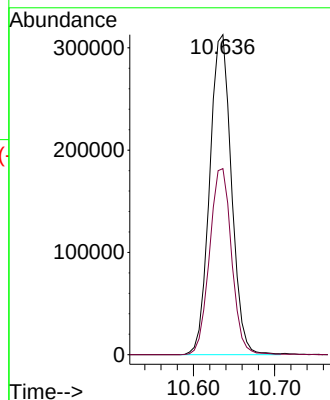
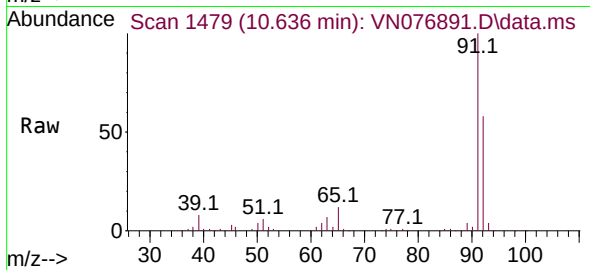




#62
Toluene
Concen: 19.772 ug/l
RT: 10.636 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

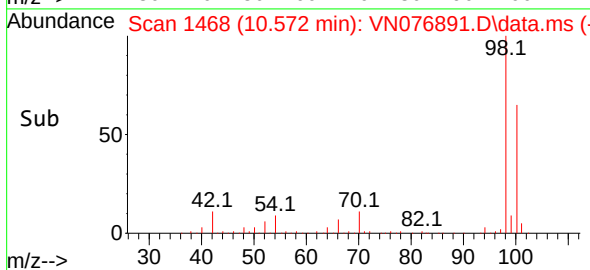
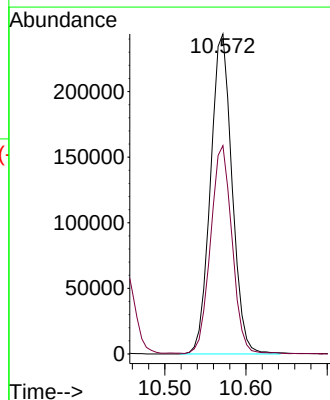
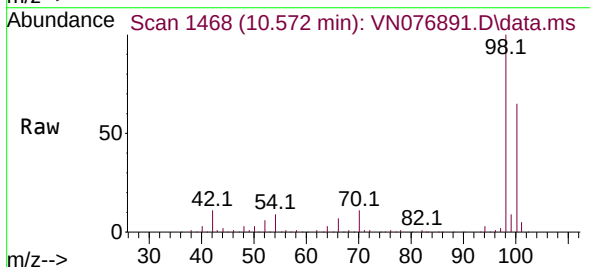
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

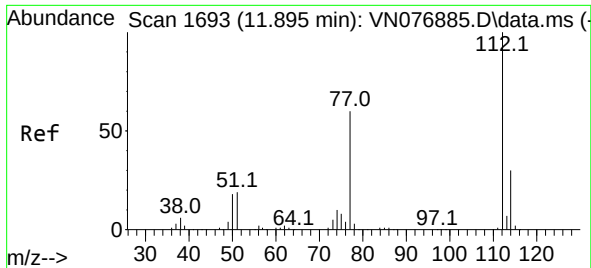
Tgt Ion: 91 Resp: 582759
Ion Ratio Lower Upper
91 100
92 58.9 46.3 69.5



#63
Toluene-d8
Concen: 29.882 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 98 Resp: 449563
Ion Ratio Lower Upper
98 100
100 64.3 53.8 80.6

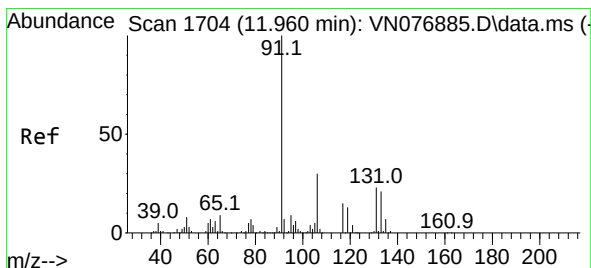
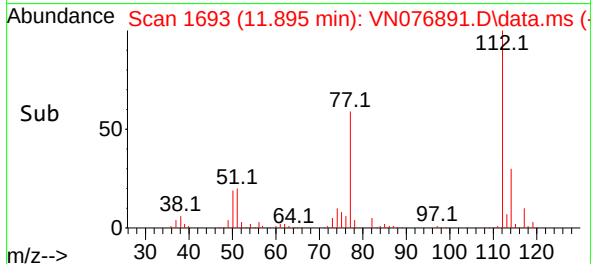
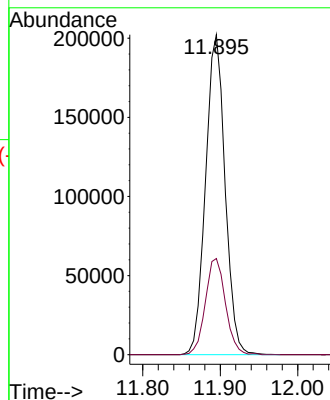
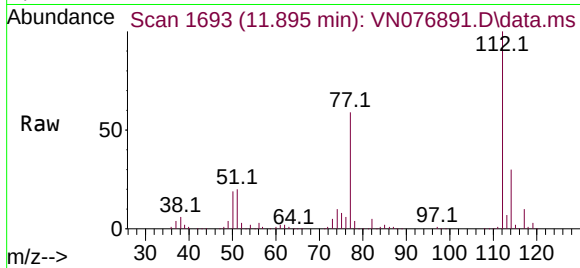




#64
Chlorobenzene
Concen: 20.345 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

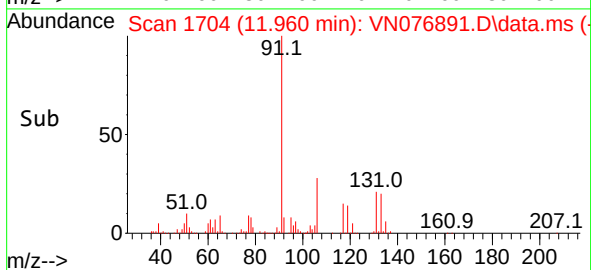
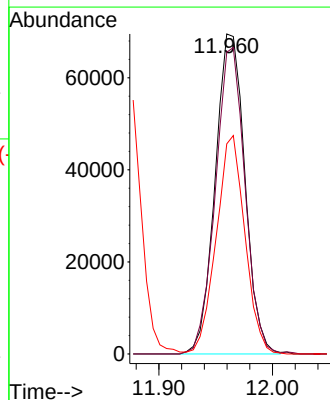
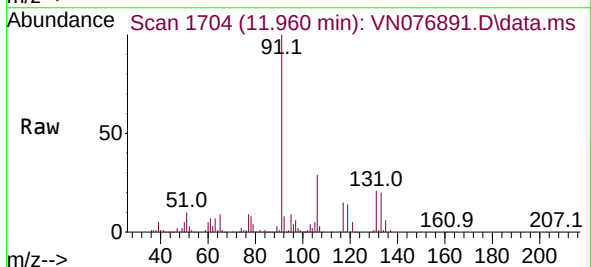
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

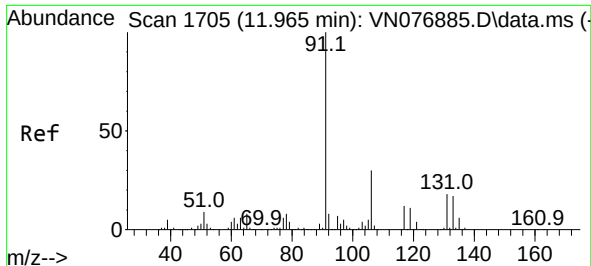
Tgt Ion:112 Resp: 352976
Ion Ratio Lower Upper
112 100
114 30.1 24.5 36.7



#65
1,1,1,2-Tetrachloroethane
Concen: 19.400 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion:131 Resp: 126415
Ion Ratio Lower Upper
131 100
133 95.1 0.0 197.6
119 66.0 0.0 127.8

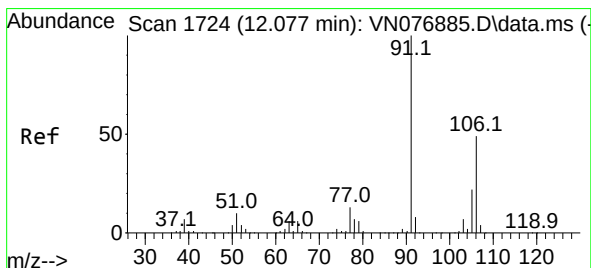
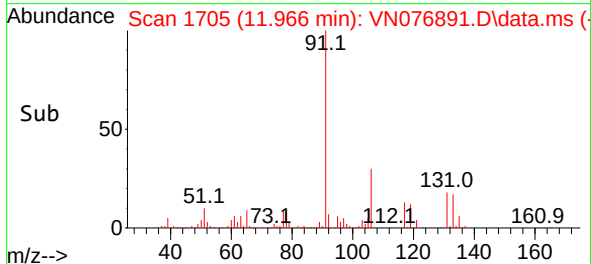
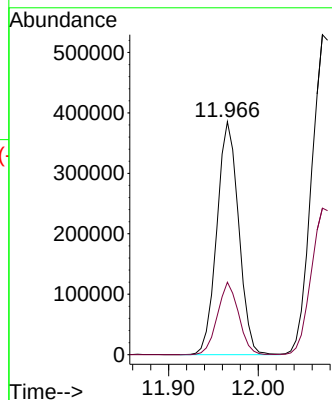
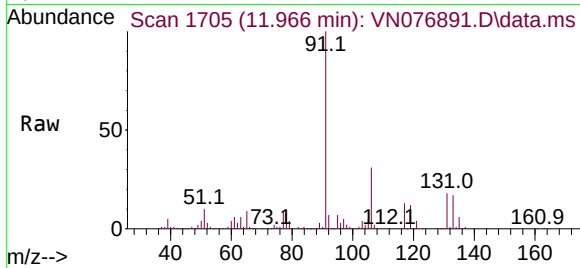




#66
Ethyl Benzene
Concen: 20.304 ug/l
RT: 11.966 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

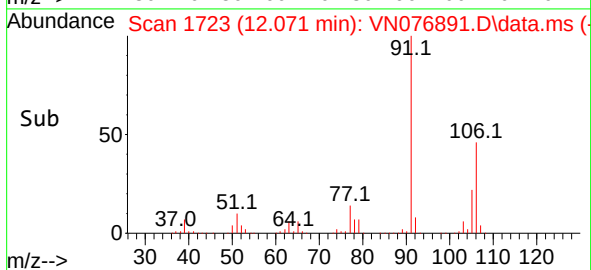
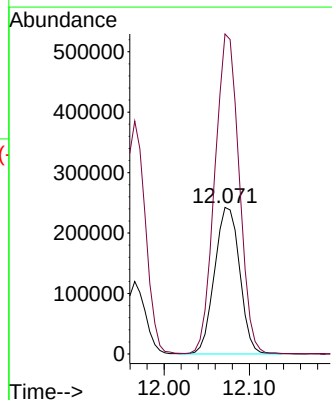
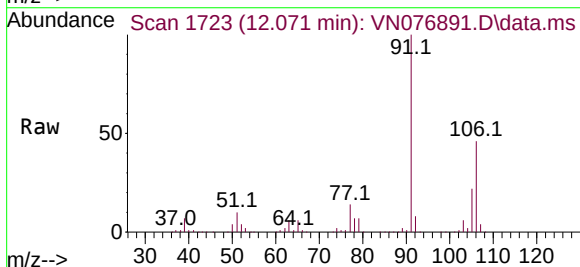
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

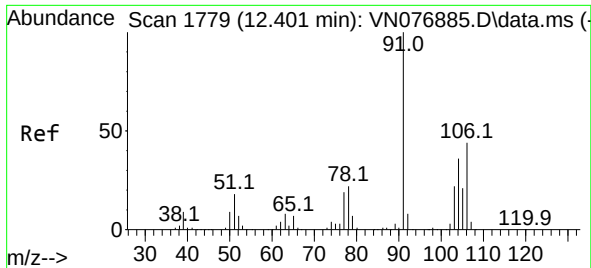
Tgt Ion: 91 Resp: 649706
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.8



#67
m/p-Xylenes
Concen: 40.912 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion:106 Resp: 495892
Ion Ratio Lower Upper
106 100
91 212.5 157.4 236.2

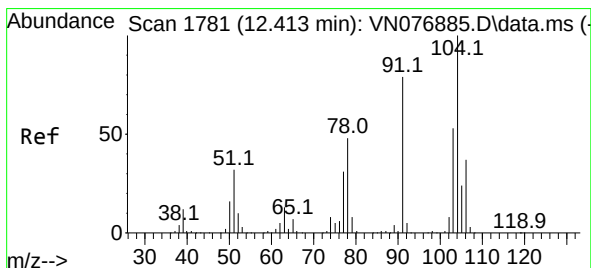
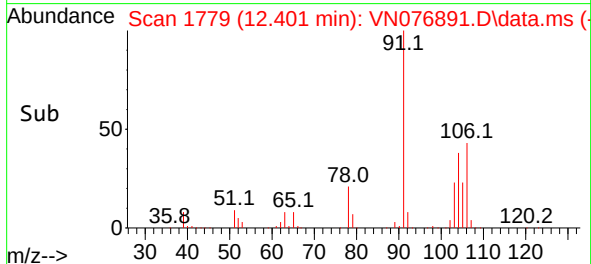
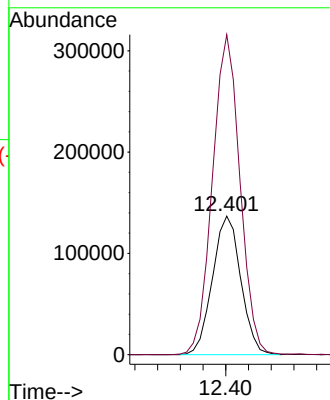
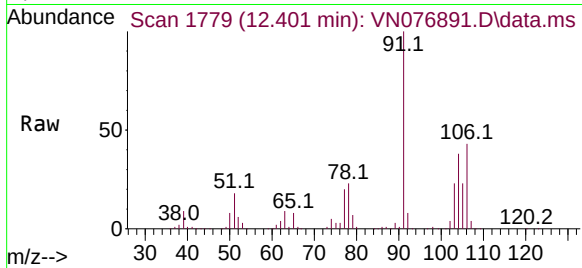




#68
o-Xylene
Concen: 20.034 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

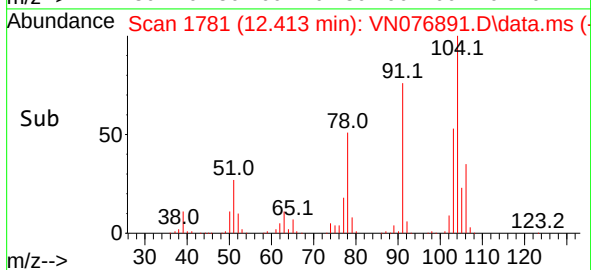
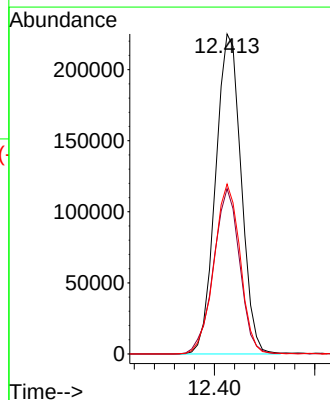
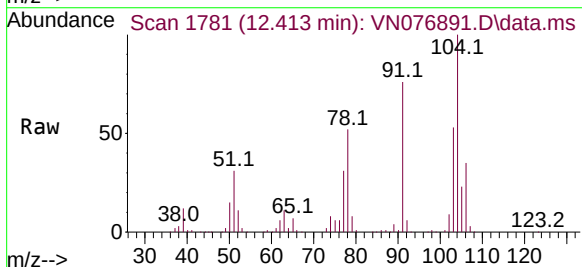
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

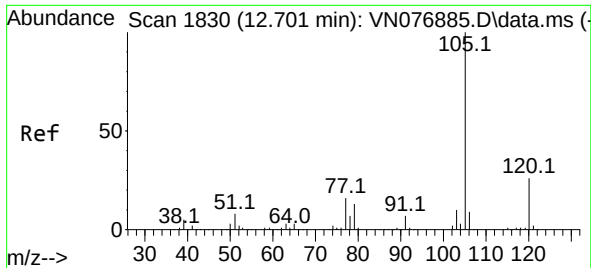
Tgt Ion:106 Resp: 237085
Ion Ratio Lower Upper
106 100
91 224.1 107.2 321.6



#69
Styrene
Concen: 20.749 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion:104 Resp: 398227
Ion Ratio Lower Upper
104 100
78 52.7 39.6 59.4
103 54.5 43.9 65.9

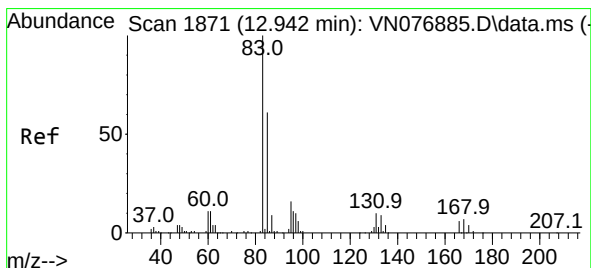
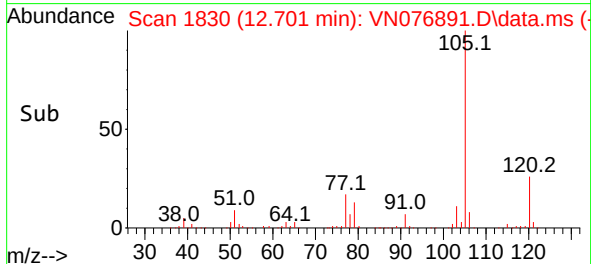
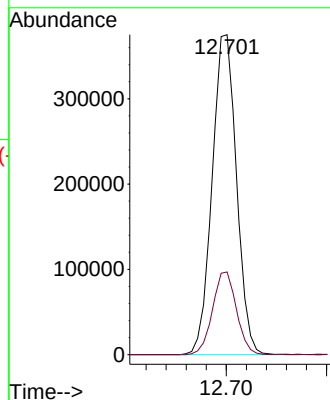
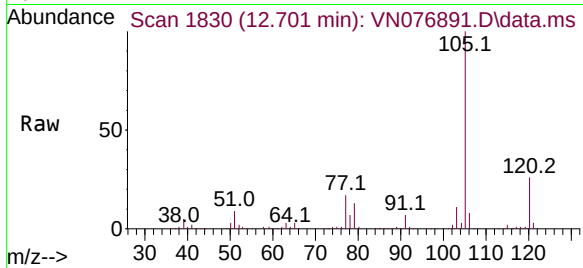




#70
Isopropylbenzene
Concen: 20.571 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

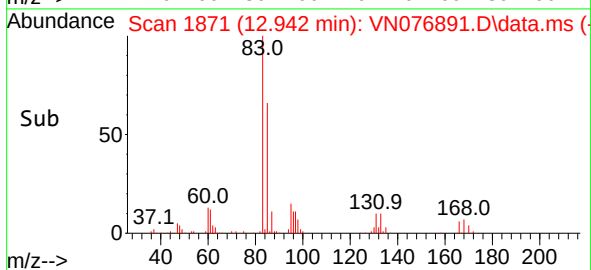
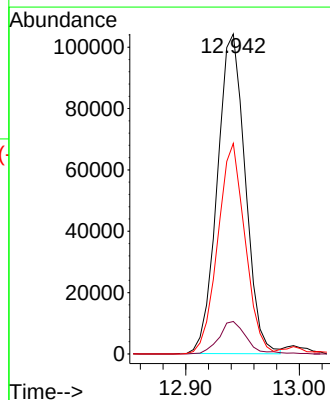
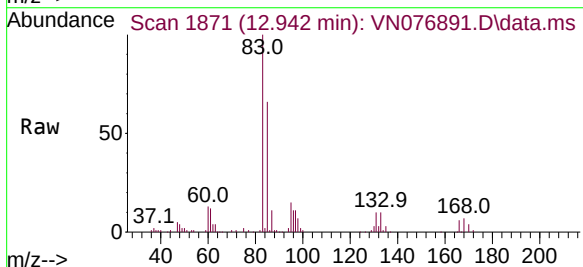
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

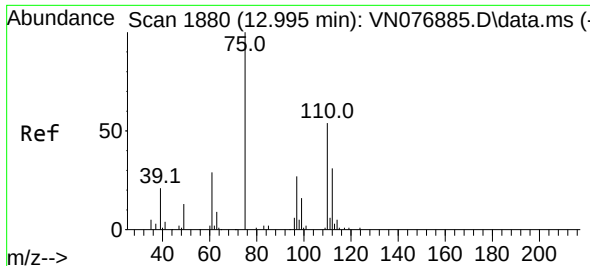
Tgt Ion:105 Resp: 633400
Ion Ratio Lower Upper
105 100
120 25.3 19.0 35.2



#71
1,1,2,2-Tetrachloroethane
Concen: 19.199 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 83 Resp: 178239
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 64.3 32.3 96.9

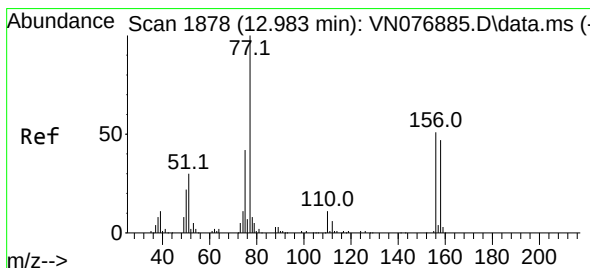
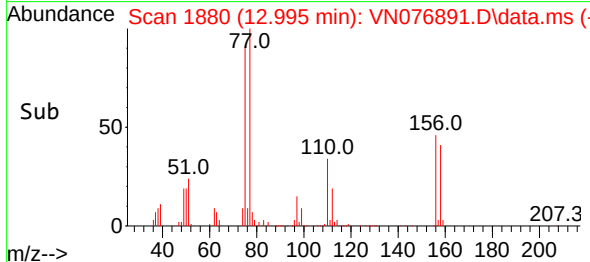
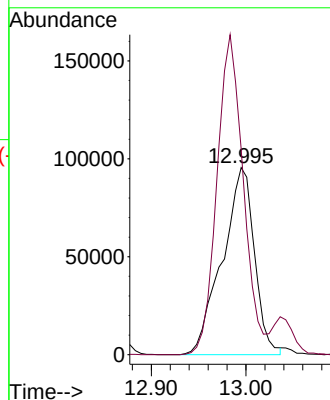
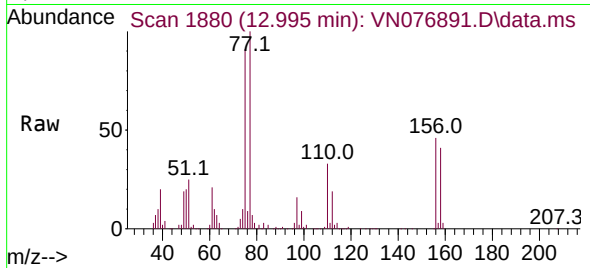




#72
1,2,3-Trichloropropane
Concen: 26.462 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

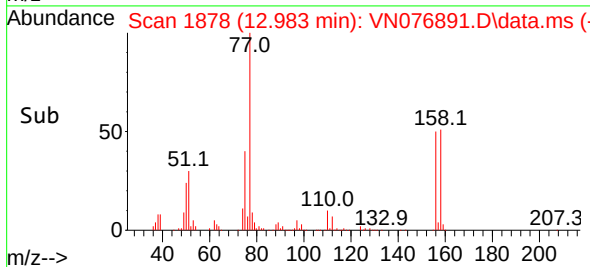
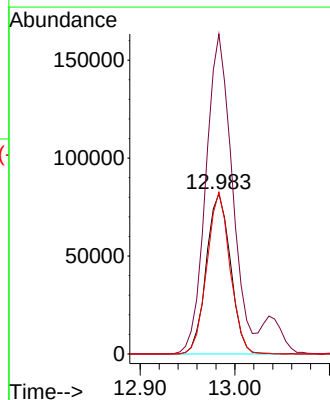
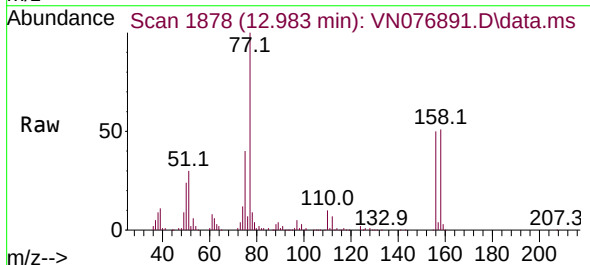
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

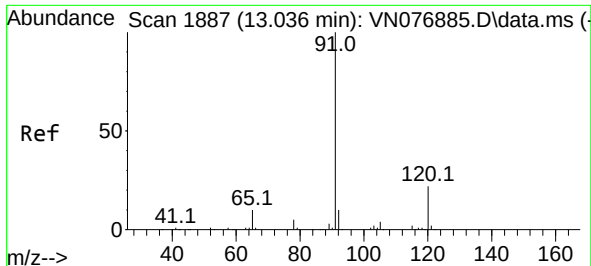
Tgt Ion: 75 Resp: 225366
Ion Ratio Lower Upper
75 100
77 139.6 0.0 332.6



#73
Bromobenzene
Concen: 20.842 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion:156 Resp: 144817
Ion Ratio Lower Upper
156 100
77 217.2 0.0 423.0
158 96.8 0.0 188.6

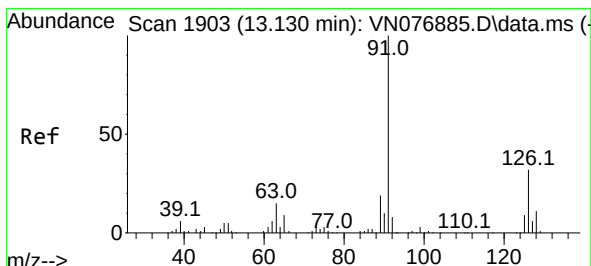
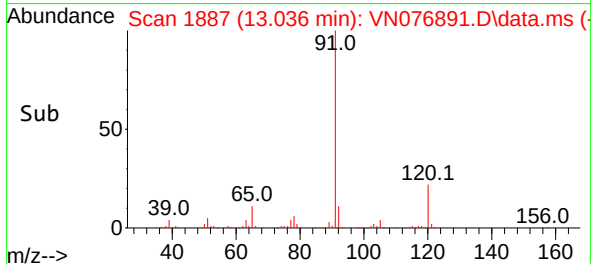
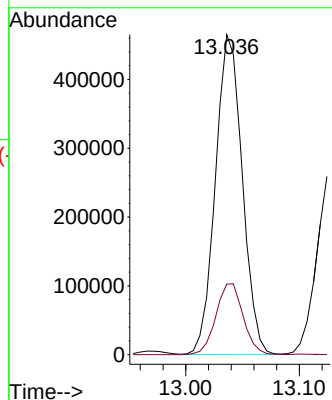
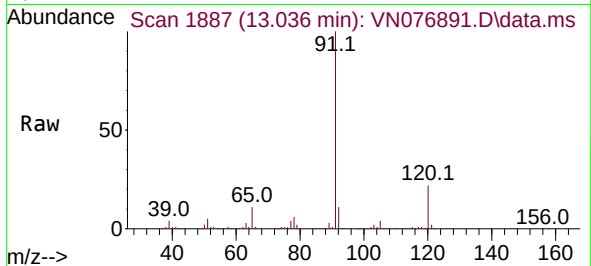




#74
n-propylbenzene
Concen: 20.989 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

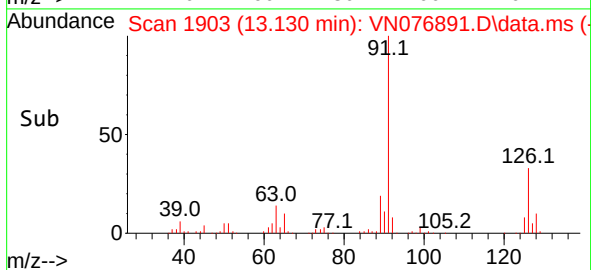
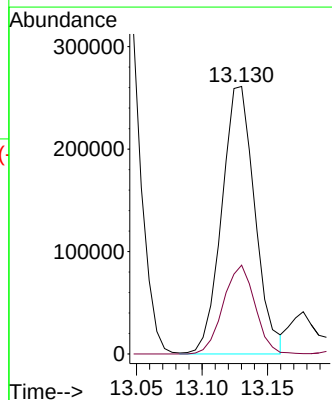
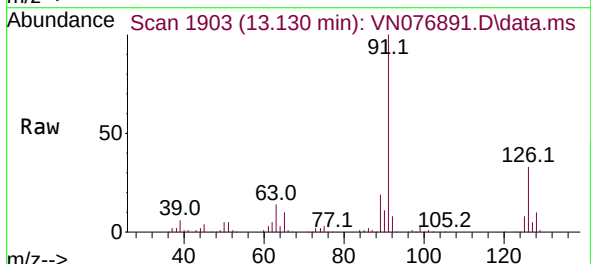
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

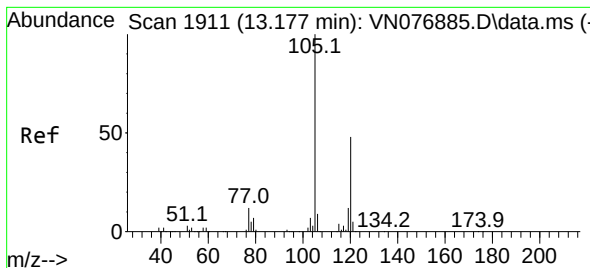
Tgt Ion: 91 Resp: 762815
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.0



#75
2-Chlorotoluene
Concen: 20.404 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 91 Resp: 458601
Ion Ratio Lower Upper
91 100
126 31.8 0.0 66.4





#76

1,3,5-Trimethylbenzene

Concen: 20.848 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

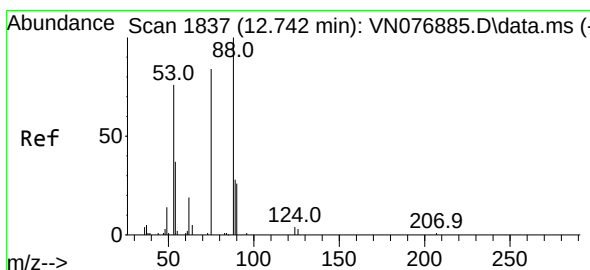
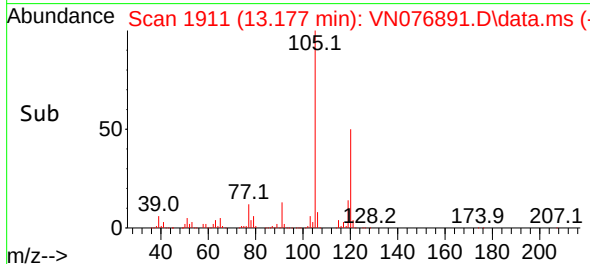
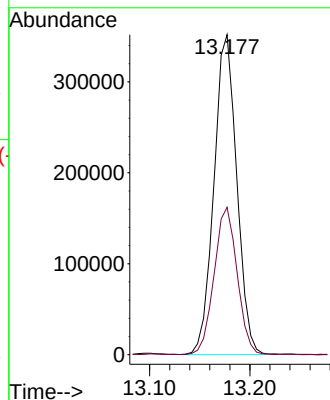
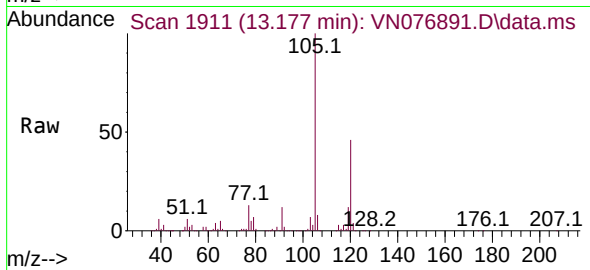
VSTDCCC020

Tgt Ion:105 Resp: 555619

Ion Ratio Lower Upper

105 100

120 46.6 0.0 103.2



#77

t-1,4-Dichloro-2-butene

Concen: 21.396 ug/l

RT: 12.742 min Scan# 1837

Delta R.T. 0.006 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

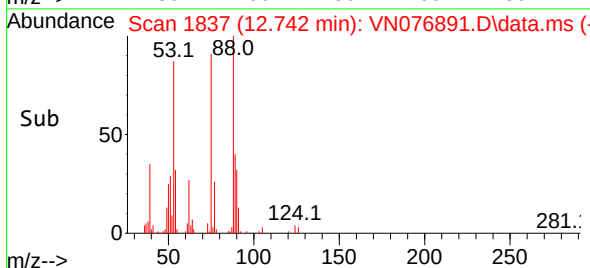
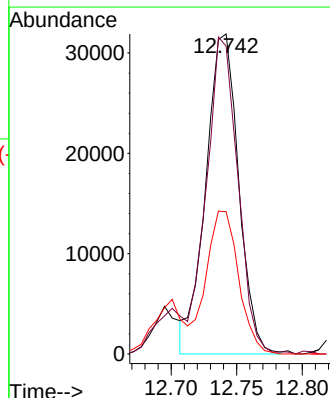
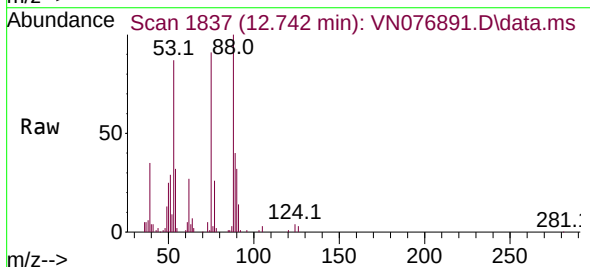
Tgt Ion: 75 Resp: 55623

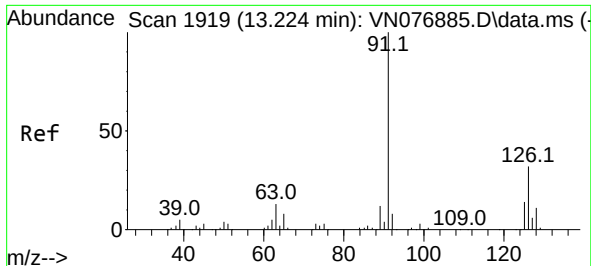
Ion Ratio Lower Upper

75 100

53 96.0 50.4 151.3

89 44.7 22.1 66.5

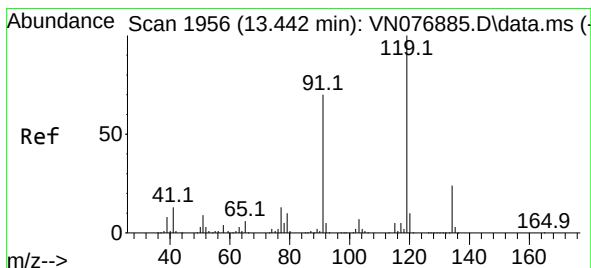
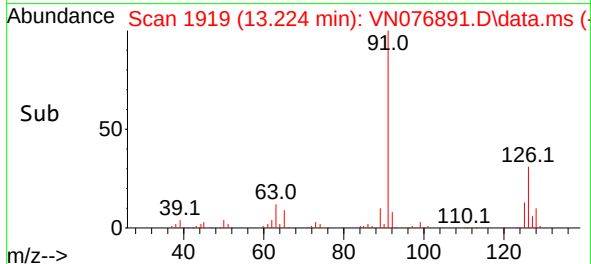
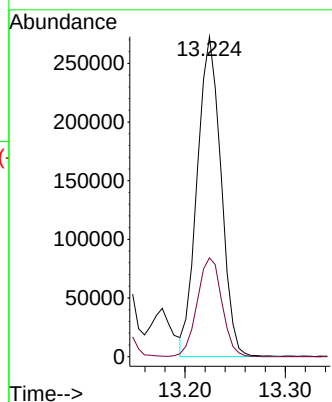
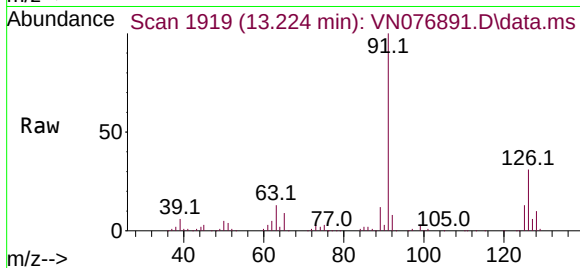




#78
4-Chlorotoluene
Concen: 20.820 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

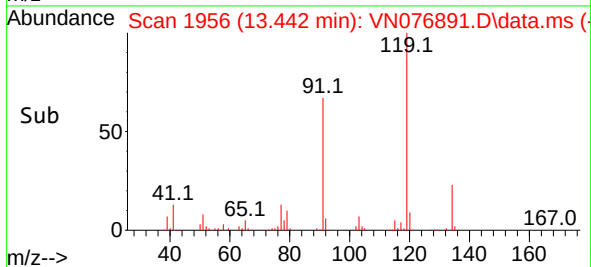
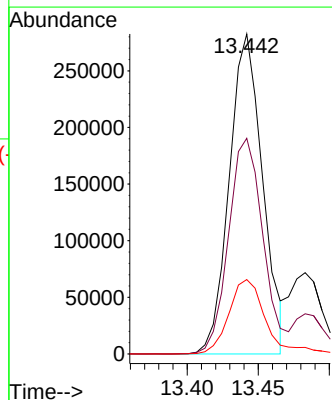
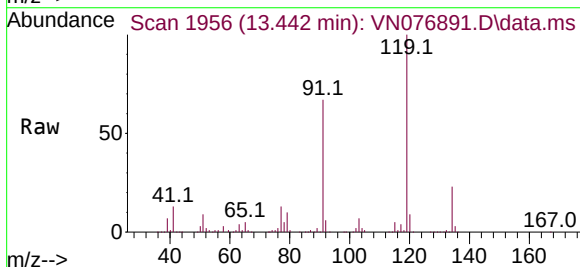
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

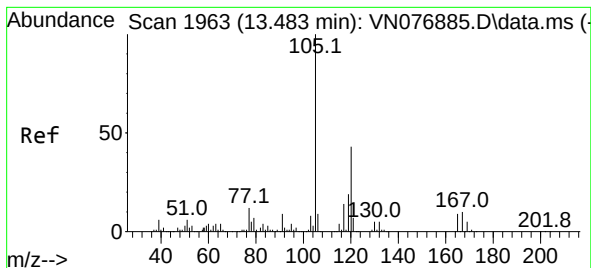
Tgt Ion: 91 Resp: 451082
Ion Ratio Lower Upper
91 100
126 32.0 0.0 70.6



#79
tert-butylbenzene
Concen: 20.679 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 119 Resp: 460866
Ion Ratio Lower Upper
119 100
91 70.3 0.0 129.6
134 24.7 0.0 47.8





#80

1,2,4-Trimethylbenzene

Concen: 21.013 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

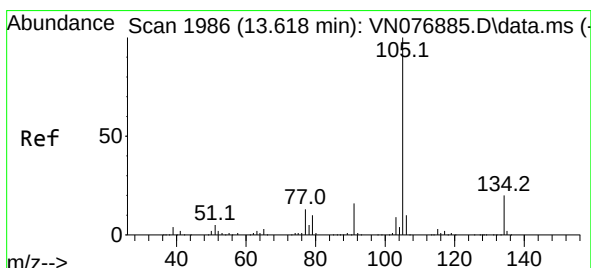
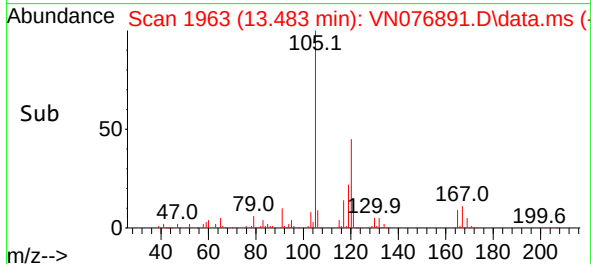
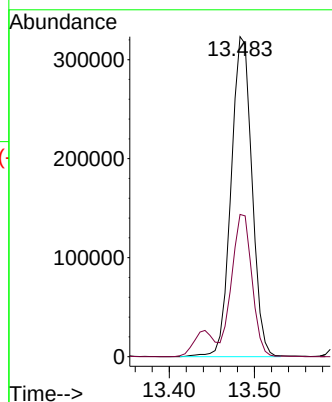
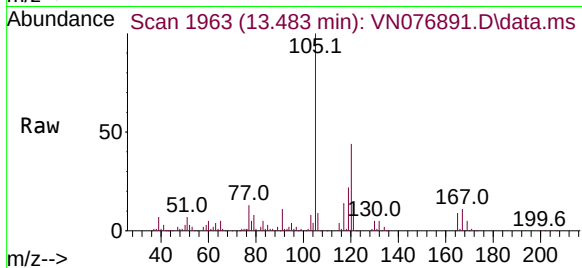
VSTDCCC020

Tgt Ion:105 Resp: 550344

Ion Ratio Lower Upper

105 100

120 42.8 0.0 93.2



#81

sec-Butylbenzene

Concen: 21.278 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076891.D

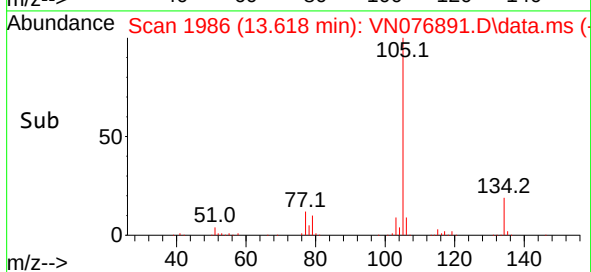
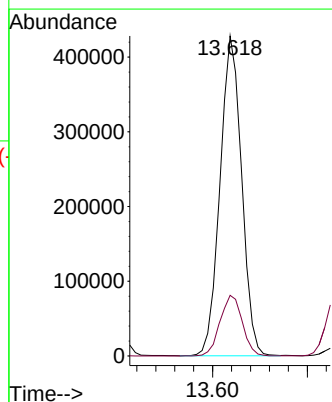
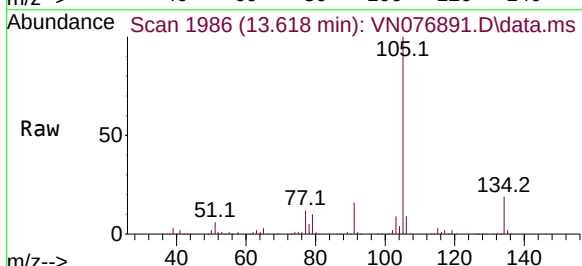
Acq: 09 Mar 2023 09:51

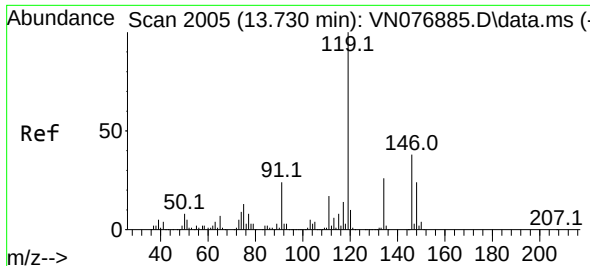
Tgt Ion:105 Resp: 678486

Ion Ratio Lower Upper

105 100

134 19.5 0.0 39.4

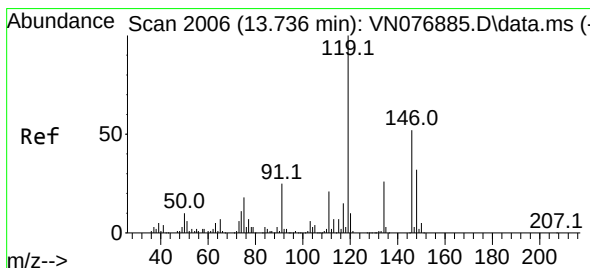
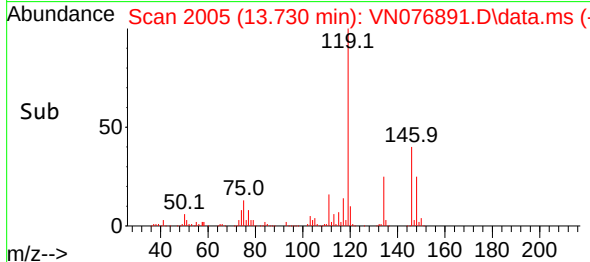
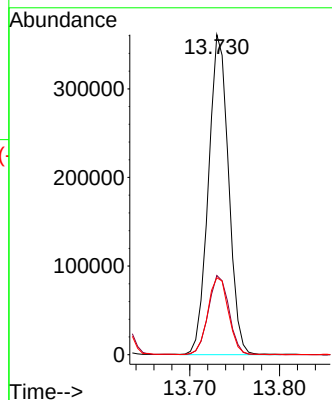
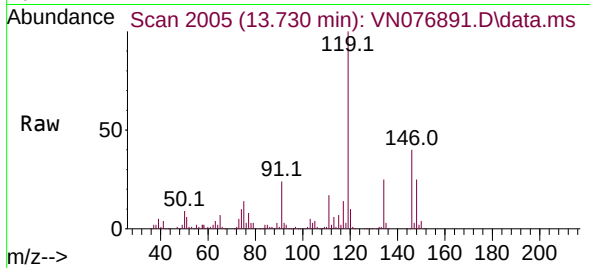




#82
p-Isopropyltoluene
Concen: 21.847 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

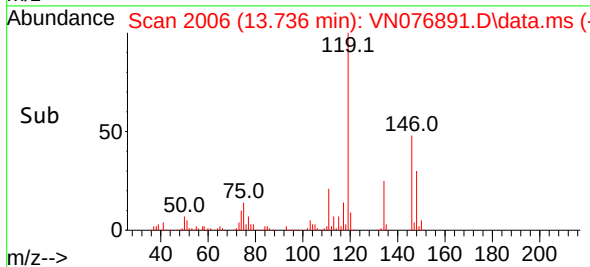
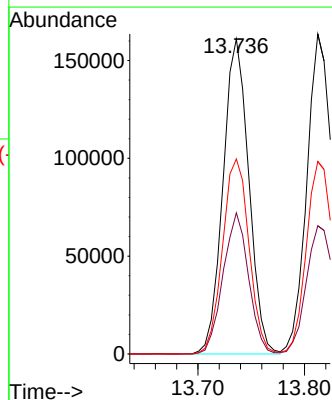
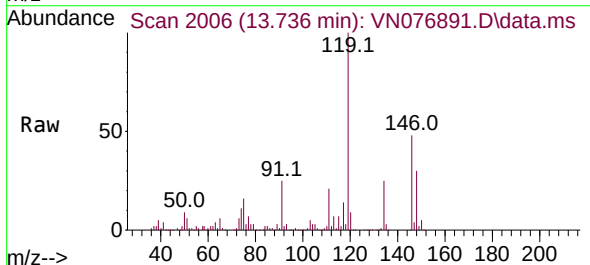
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

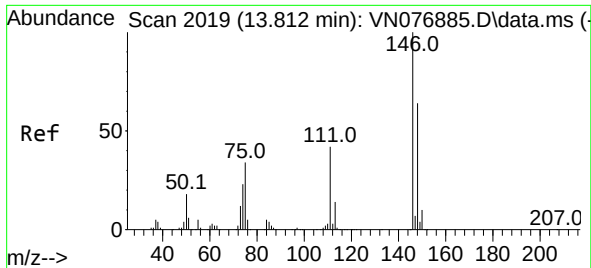
Tgt Ion:119 Resp: 563038
Ion Ratio Lower Upper
119 100
134 25.4 0.0 53.4
91 24.8 0.0 47.2



#83
1,3-Dichlorobenzene
Concen: 21.029 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion:146 Resp: 270355
Ion Ratio Lower Upper
146 100
111 44.2 20.3 60.8
148 63.5 31.9 95.5

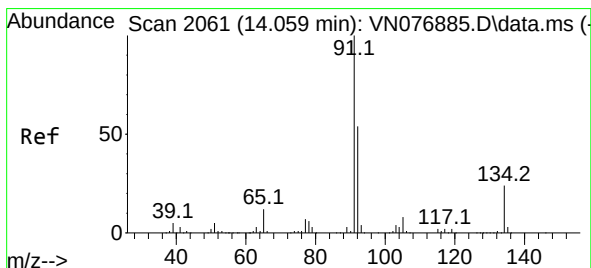
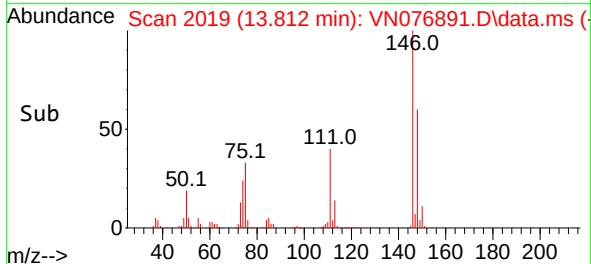
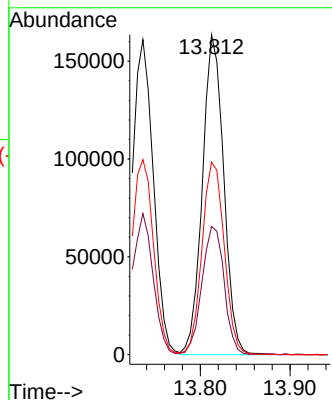
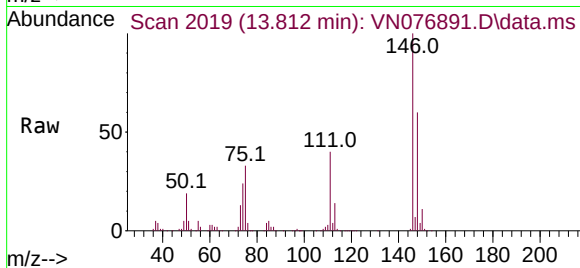




#84
1,4-Dichlorobenzene
Concen: 21.669 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

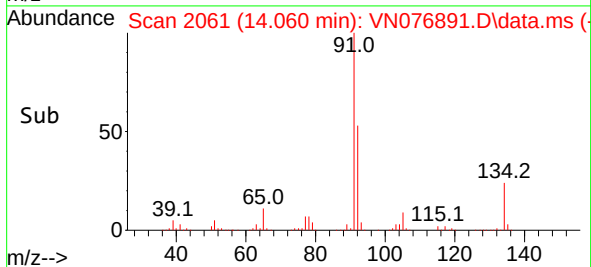
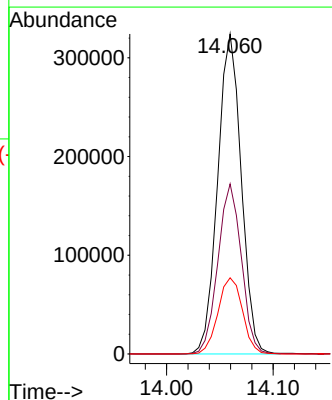
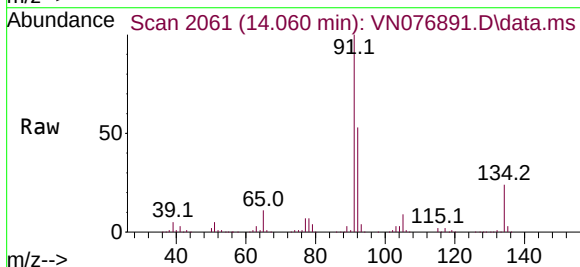
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

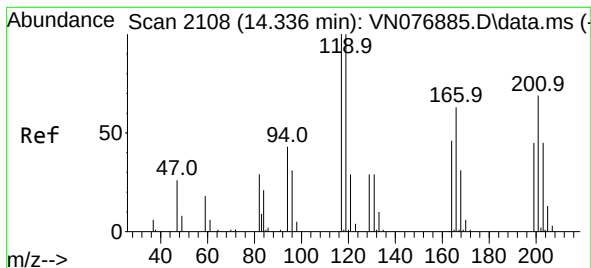
Tgt Ion:146 Resp: 270606
Ion Ratio Lower Upper
146 100
111 41.7 18.2 54.6
148 62.6 31.1 93.2



#85
n-Butylbenzene
Concen: 22.811 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076891.D
Acq: 09 Mar 2023 09:51

Tgt Ion: 91 Resp: 498301
Ion Ratio Lower Upper
91 100
92 52.8 0.0 103.2
134 24.7 0.0 50.0





#86

Hexachloroethane

Concen: 20.273 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

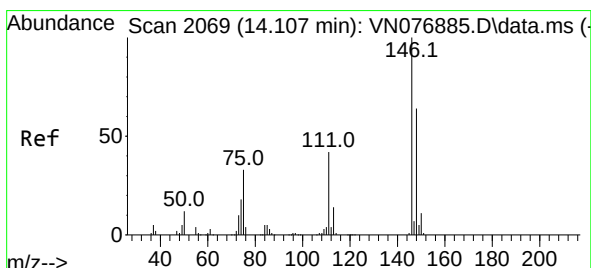
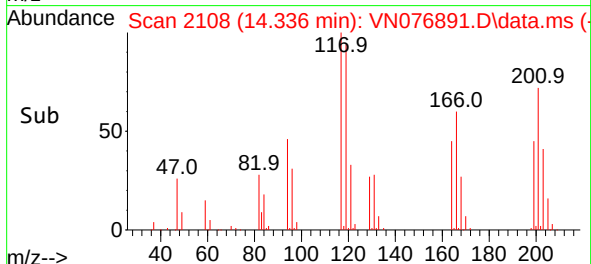
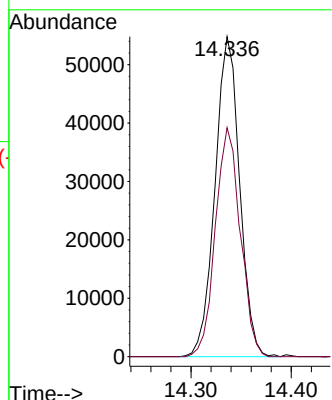
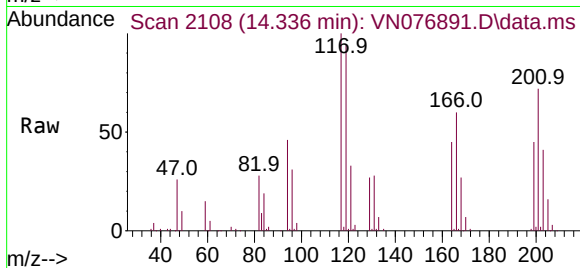
VSTDCCC020

Tgt Ion:117 Resp: 93286

Ion Ratio Lower Upper

117 100

201 72.3 32.2 96.6



#87

1,2-Dichlorobenzene

Concen: 20.395 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

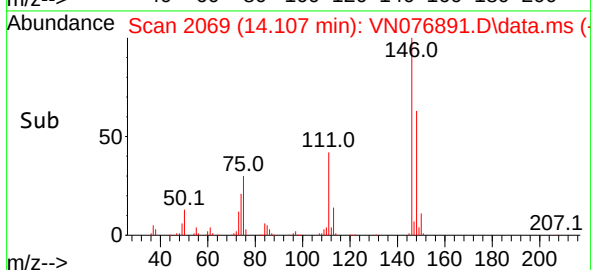
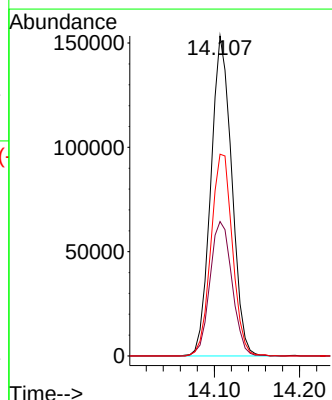
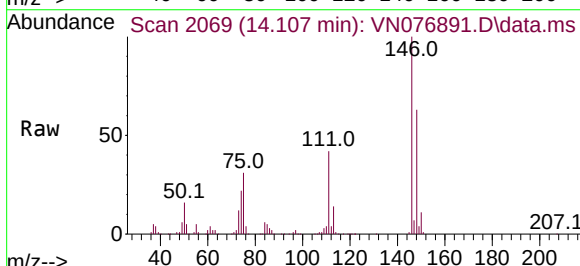
Tgt Ion:146 Resp: 261479

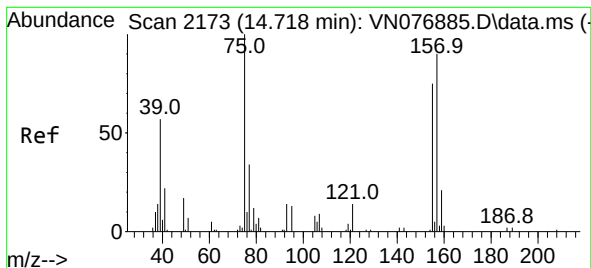
Ion Ratio Lower Upper

146 100

111 44.2 20.5 61.6

148 64.8 32.5 97.5

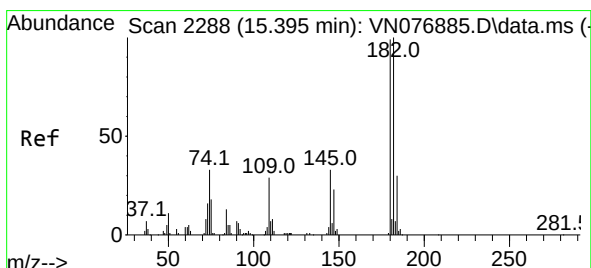
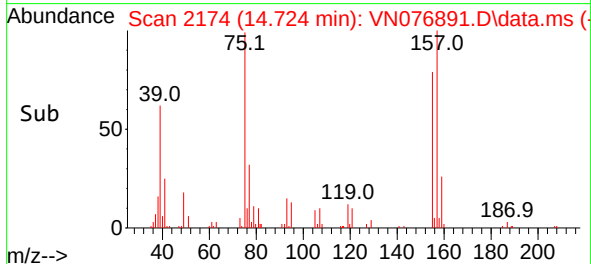
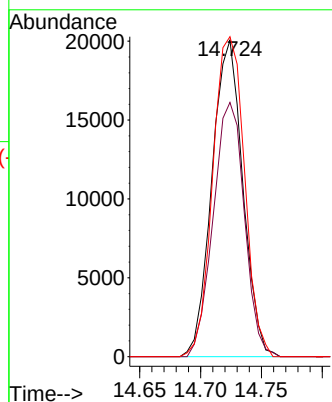
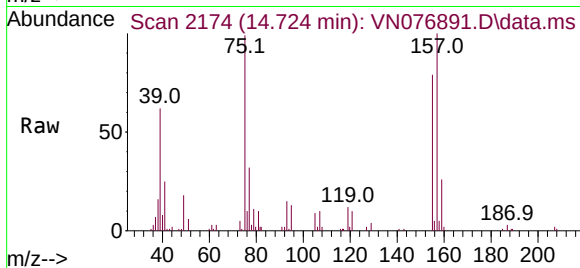




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.567 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VN076891.D
 Acq: 09 Mar 2023 09:51

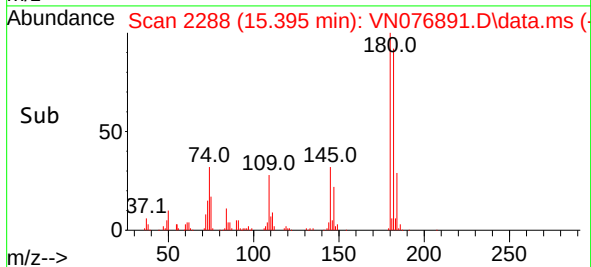
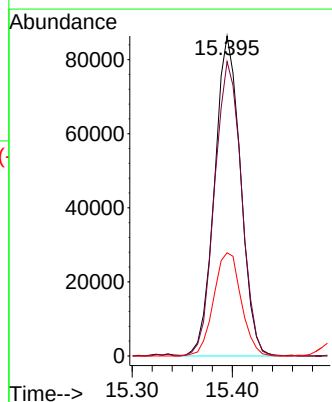
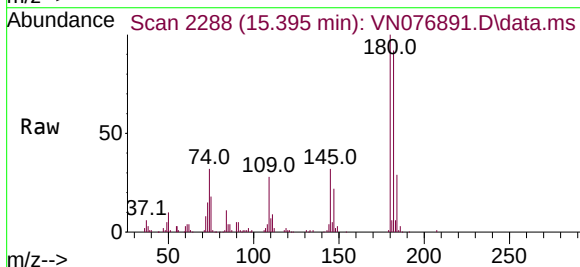
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

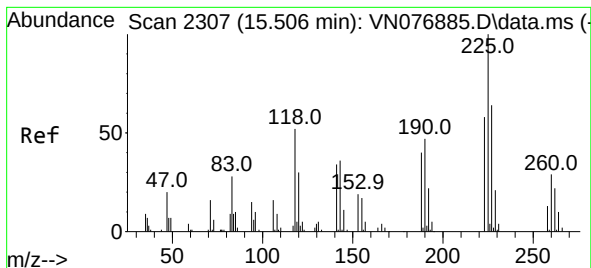
Tgt Ion: 75 Resp: 35382
 Ion Ratio Lower Upper
 75 100
 155 81.1 62.5 93.7
 157 103.8 77.5 116.3



#89
 1,2,4-Trichlorobenzene
 Concen: 22.664 ug/l
 RT: 15.395 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: VN076891.D
 Acq: 09 Mar 2023 09:51

Tgt Ion: 180 Resp: 155001
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.6 115.0
 145 34.1 24.6 36.8





#90

Hexachlorobutadiene

Concen: 23.009 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

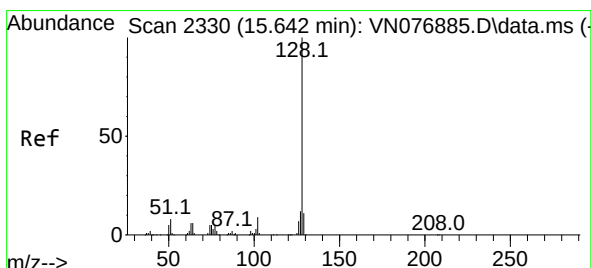
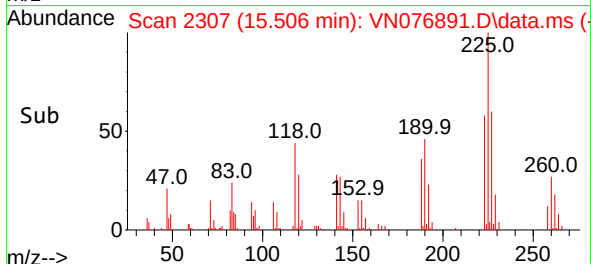
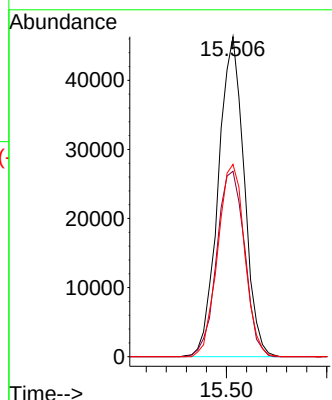
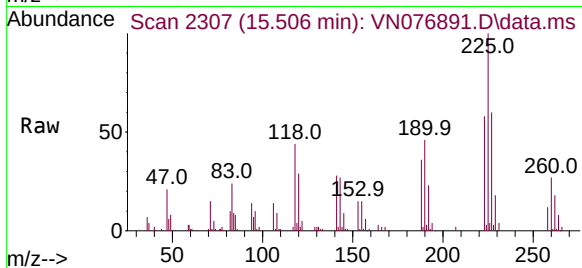
Tgt Ion:225 Resp: 82960

Ion Ratio Lower Upper

225 100

223 62.4 0.0 135.4

227 62.5 0.0 129.4



#91

Naphthalene

Concen: 21.915 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076891.D

Acq: 09 Mar 2023 09:51

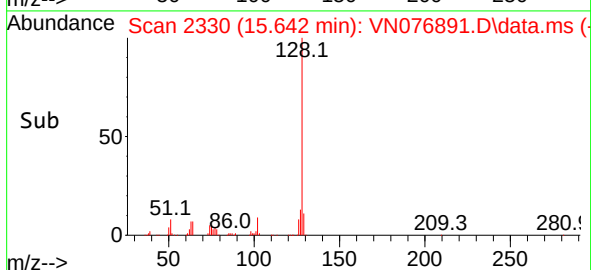
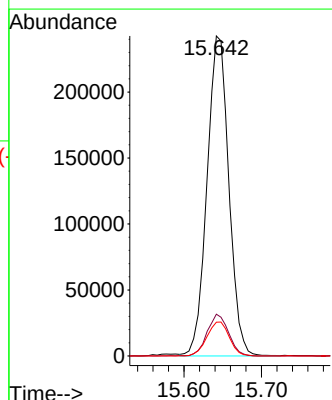
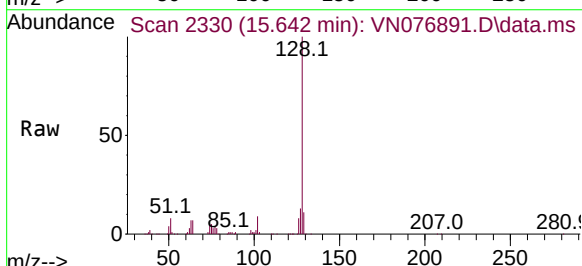
Tgt Ion:128 Resp: 475373

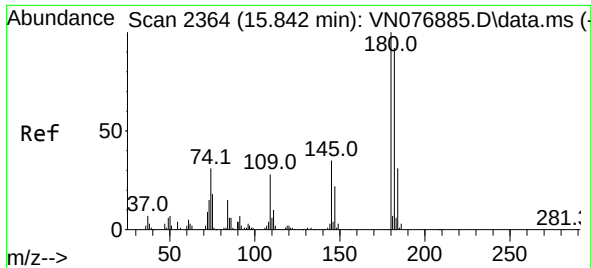
Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.6

129 10.9 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 22.491 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076891.D
 Acq: 09 Mar 2023 09:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:180 Resp: 154204
 Ion Ratio Lower Upper
 180 100
 182 92.4 0.0 190.8
 145 33.5 0.0 65.0

