

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076892.D
 Acq On : 09 Mar 2023 10:26
 Operator : JC\MD
 Sample : VN0309WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Quant Time: Mar 10 01:28:31 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	52064	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	369000	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	408887	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	146831	30.683	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.267%	
60) 4-Bromofluorobenzene	12.848	95	239335	30.927	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.100%	
63) Toluene-d8	10.571	98	425004	29.552	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	130992	19.661	ug/l	96
3) Chloromethane	2.378	50	106669	17.517	ug/l	97
4) Vinyl Chloride	2.531	62	101344	18.250	ug/l	94
5) Bromomethane	2.984	94	67708	19.067	ug/l	93
6) Chloroethane	3.143	64	58009	17.778	ug/l	93
7) Trichlorofluoromethane	3.519	101	199598	19.241	ug/l	97
8) Diethyl Ether	3.978	74	79543	20.446	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.390	101	117280	19.956	ug/l	95
10) 1,1-Dichloroethene	4.360	96	109588	19.212	ug/l	92
11) Methyl Iodide	4.607	142	133167	19.375	ug/l	91
12) Methyl Acetate	5.042	43	191492	20.411	ug/l	99
13) Acrolein	4.195	56	131901	95.098	ug/l	98
14) Acrylonitrile	5.736	53	313075	101.298	ug/l	98
15) Acetone	4.437	58	96598	114.845	ug/l	86
16) Carbon Disulfide	4.725	76	308163	19.483	ug/l	100
17) Allyl chloride	5.042	41	168032	19.640	ug/l	91
18) Methylene Chloride	5.289	84	129470	19.405	ug/l	# 86
19) trans-1,2-Dichloroethene	5.801	96	119524	19.886	ug/l	93
20) Diisopropyl ether	6.683	45	394044	20.416	ug/l	94
21) 1,1-Dichloroethane	6.578	63	225688	19.649	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	135142	19.620	ug/l	99
23) tert-Butyl Alcohol	5.531	59	97355	108.462	ug/l	# 100
24) Methyl tert-Butyl Ether	5.813	73	393313	21.149	ug/l	92
25) Chloroform	7.972	83	227309	19.265	ug/l	97
26) Cyclohexane	8.260	56	204421	19.493	ug/l	# 95
29) 1,1-Dichloropropene	8.377	75	173702	19.985	ug/l	97
30) 2-Butanone	7.489	43	410224	103.453	ug/l	95
31) 2,2-Dichloropropane	7.501	77	176476	20.494	ug/l	# 62
32) 1,1,1-Trichloroethane	8.177	97	201396	19.866	ug/l	95
33) Carbon Tetrachloride	8.372	117	177024	19.748	ug/l	95
34) Benzene	8.613	78	521468	19.570	ug/l	98
35) Methacrylonitrile	7.789	41	88163	19.759	ug/l	92
36) 1,2-Dichloroethane	8.677	62	184528	20.661	ug/l	100
37) Trichloroethene	9.360	130	129517	19.722	ug/l	95
38) Methylcyclohexane	9.607	83	212038	19.600	ug/l	99
39) 1,2-Dichloropropane	9.624	63	131383	19.191	ug/l	99
40) Dibromomethane	9.713	93	89300	20.474	ug/l	96
41) Bromodichloromethane	9.889	83	180856	20.233	ug/l	# 99
42) Vinyl Acetate	6.613	43	1261125	102.028	ug/l	95

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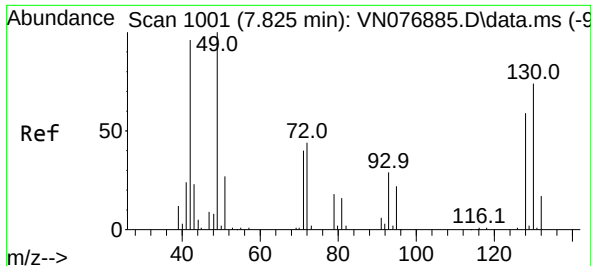
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,4-Dioxane	9.695	88	44029	403.512	ug/l	94
46) Methyl methacrylate	9.683	41	127906	20.250	ug/l	86
48) t-1,3-Dichloropropene	10.842	75	190023	21.225	ug/l	93
49) cis-1,3-Dichloropropene	10.319	75	212027	20.851	ug/l #	86
50) 1,1,2-Trichloroethane	11.018	97	123448	19.320	ug/l	99
51) Ethyl methacrylate	10.877	69	193669	20.560	ug/l	87
52) 1,3-Dichloropropane	11.166	76	218236	19.774	ug/l	98
53) Dibromochloromethane	11.360	129	131931	20.239	ug/l	99
54) 1,2-Dibromoethane	11.471	107	124057	20.120	ug/l	99
55) 2-Chloroethyl vinyl ether	10.166	63	345751	104.687	ug/l	99
56) Bromoform	12.583	173	90723	20.803	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	824376	99.803	ug/l #	89
59) 2-Hexanone	11.201	43	598365	101.975	ug/l #	88
61) Tetrachloroethene	11.107	164	127367	19.732	ug/l	93
62) Toluene	10.630	91	556813	19.763	ug/l	100
64) Chlorobenzene	11.895	112	329724	19.881	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	122443	19.656	ug/l	97
66) Ethyl Benzene	11.965	91	623468	20.382	ug/l	99
67) m/p-Xylenes	12.071	106	467897	40.381	ug/l	91
68) o-Xylene	12.401	106	227561	20.116	ug/l	95
69) Styrene	12.413	104	378918	20.653	ug/l	97
70) Isopropylbenzene	12.701	105	596957	20.281	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.936	83	172878	19.480	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	221362	27.190	ug/l	78
73) Bromobenzene	12.983	156	136077	20.487	ug/l	95
74) n-propylbenzene	13.036	91	715766	20.602	ug/l	99
75) 2-Chlorotoluene	13.130	91	438056	20.388	ug/l	96
76) 1,3,5-Trimethylbenzene	13.177	105	531116	20.847	ug/l	92
77) t-1,4-Dichloro-2-butene	12.736	75	55214	22.217	ug/l	92
78) 4-Chlorotoluene	13.224	91	429436	20.734	ug/l	95
79) tert-butylbenzene	13.442	119	429000	20.136	ug/l	93
80) 1,2,4-Trimethylbenzene	13.483	105	522841	20.883	ug/l	95
81) sec-Butylbenzene	13.618	105	634744	20.824	ug/l	99
82) p-Isopropyltoluene	13.730	119	525043	21.312	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	253779	20.650	ug/l	95
84) 1,4-Dichlorobenzene	13.818	146	257590	21.577	ug/l	96
85) n-Butylbenzene	14.059	91	464682	22.253	ug/l	98
86) Hexachloroethane	14.336	117	88857	20.201	ug/l	91
87) 1,2-Dichlorobenzene	14.107	146	249780	20.381	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	37932	21.944	ug/l	99
89) 1,2,4-Trichlorobenzene	15.395	180	150451	23.013	ug/l	98
90) Hexachlorobutadiene	15.501	225	75148	21.803	ug/l	98
91) Naphthalene	15.642	128	459163	22.144	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	148443	22.649	ug/l	98

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

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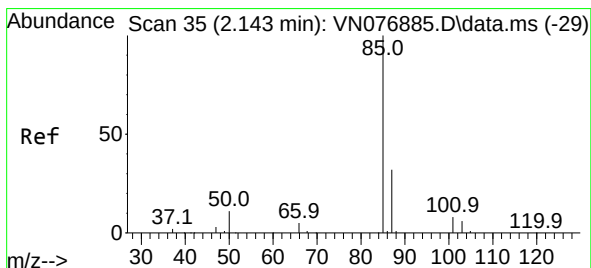
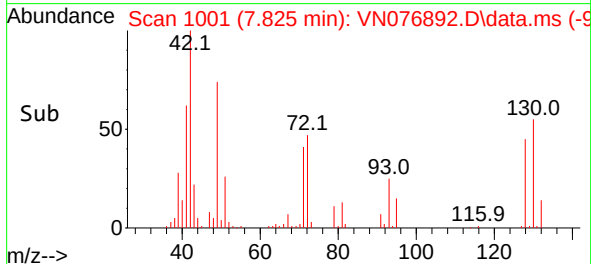
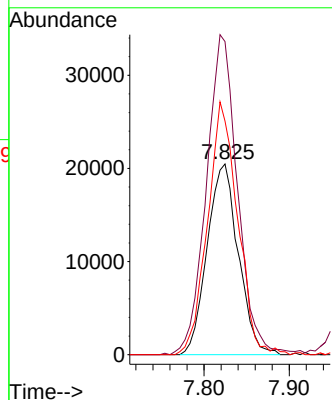
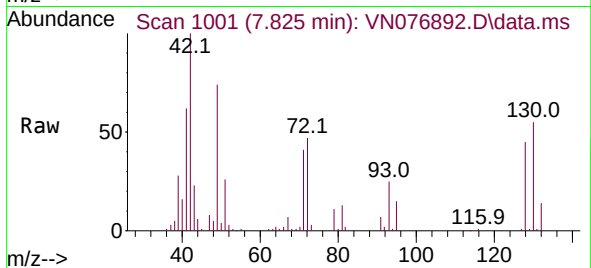




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

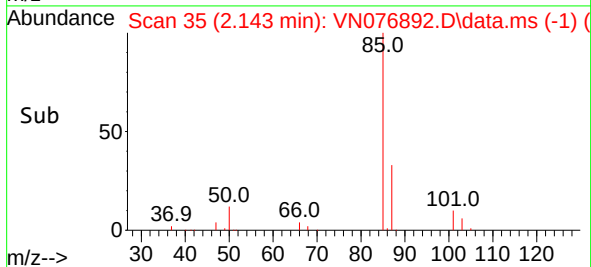
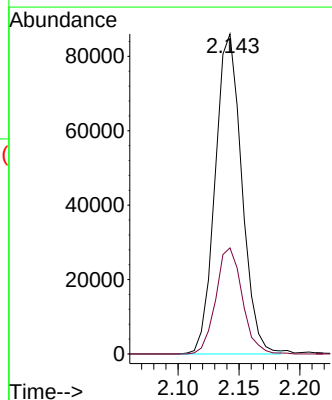
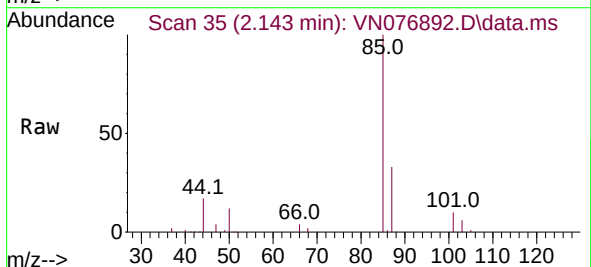
Instrument :
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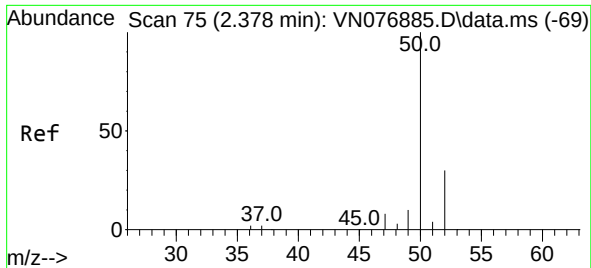
Tgt Ion:128 Resp: 52064
Ion Ratio Lower Upper
128 100
49 167.9 0.0 461.8
130 127.3 0.0 295.3



#2
Dichlorodifluoromethane
Concen: 19.661 ug/l
RT: 2.143 min Scan# 35
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 85 Resp: 130992
Ion Ratio Lower Upper
85 100
87 33.1 15.4 46.1

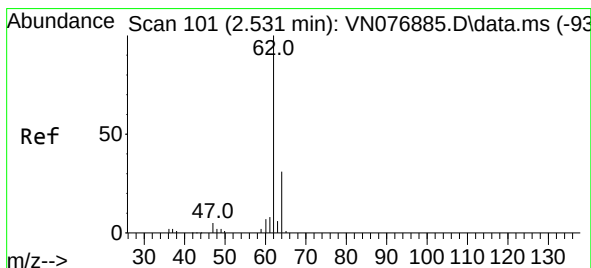
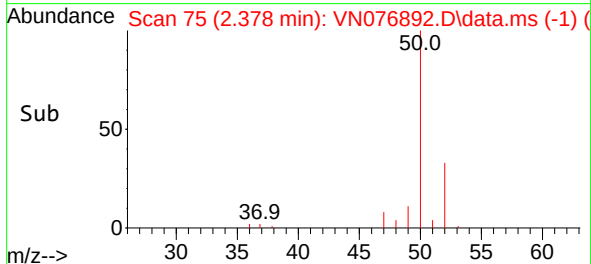
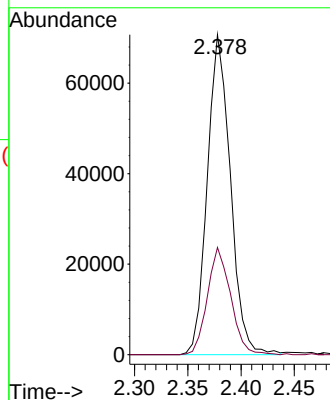
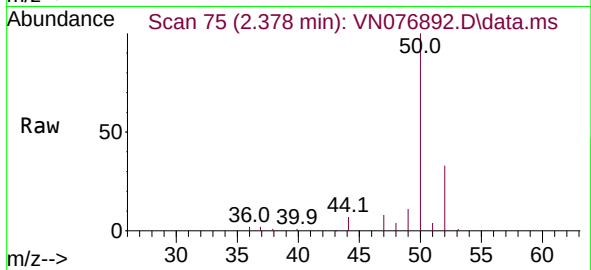




#3
Chloromethane
Concen: 17.517 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

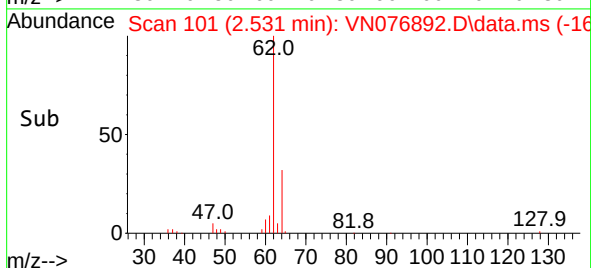
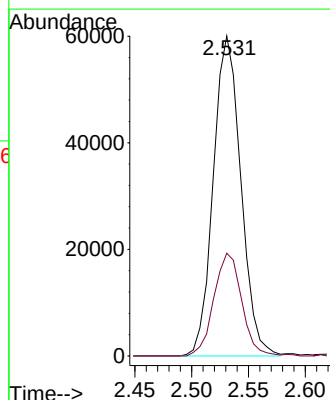
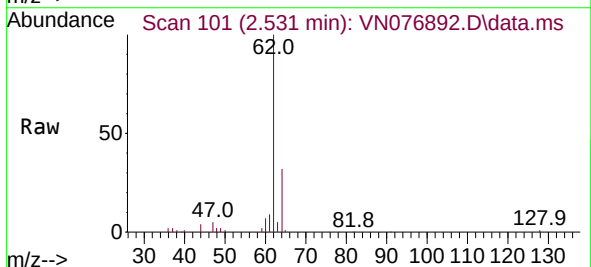
Instrument :
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ClientSampleId :
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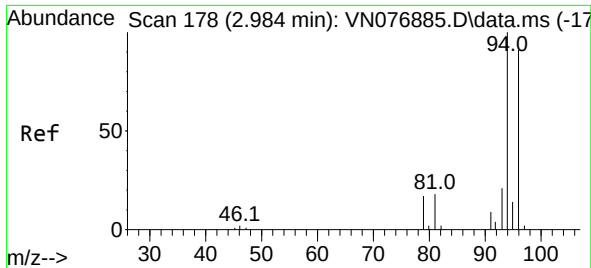
Tgt Ion: 50 Resp: 106669
Ion Ratio Lower Upper
50 100
52 33.5 25.3 37.9



#4
Vinyl Chloride
Concen: 18.250 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 62 Resp: 101344
Ion Ratio Lower Upper
62 100
64 32.1 23.1 34.7

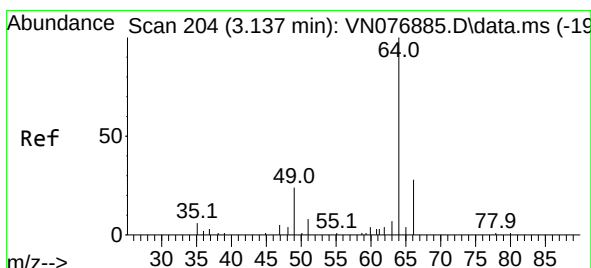
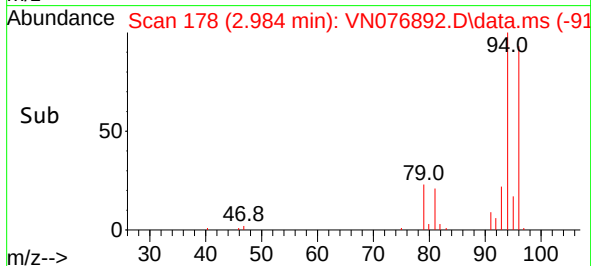
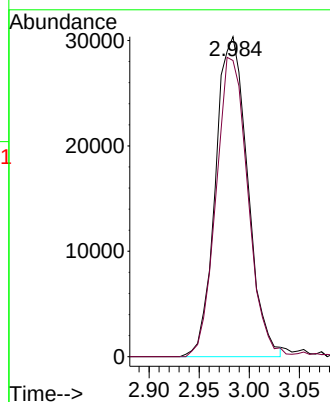
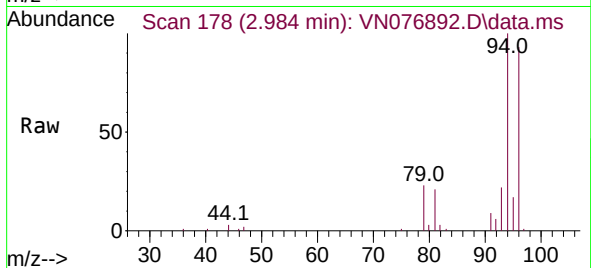




#5
Bromomethane
Concen: 19.067 ug/l
RT: 2.984 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

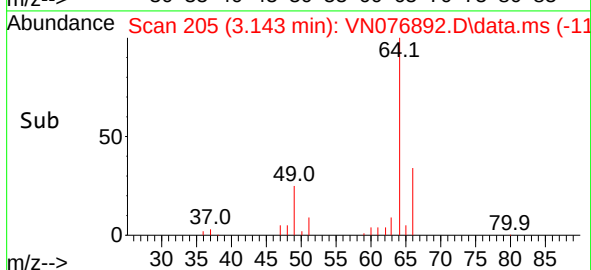
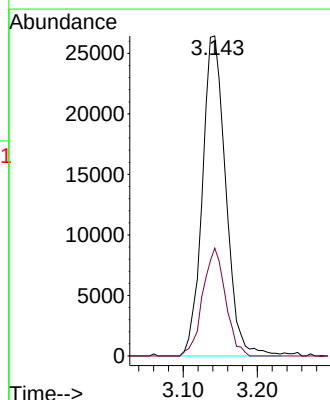
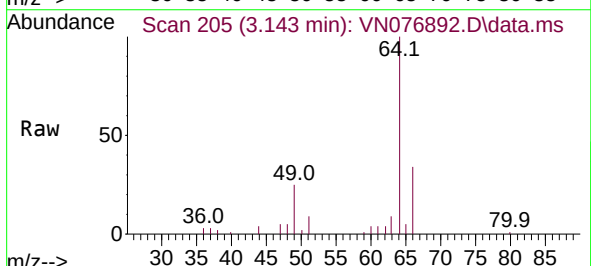
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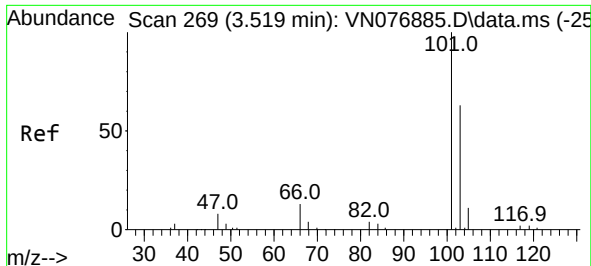
Tgt Ion: 94 Resp: 67708
Ion Ratio Lower Upper
94 100
96 92.6 68.6 103.0



#6
Chloroethane
Concen: 17.778 ug/l
RT: 3.143 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 64 Resp: 58009
Ion Ratio Lower Upper
64 100
66 33.7 23.8 35.6

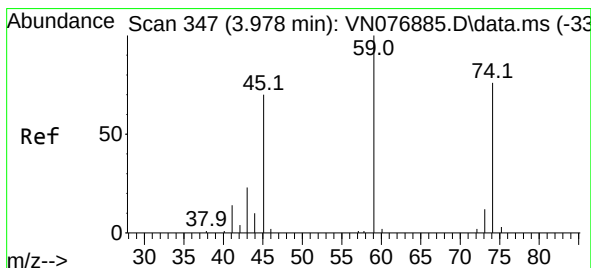
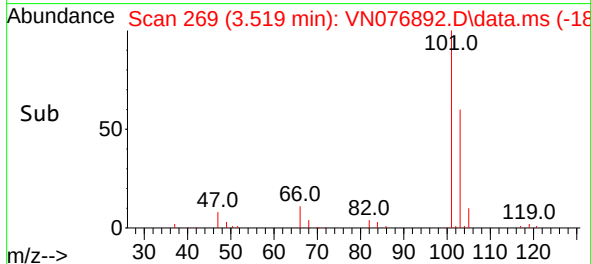
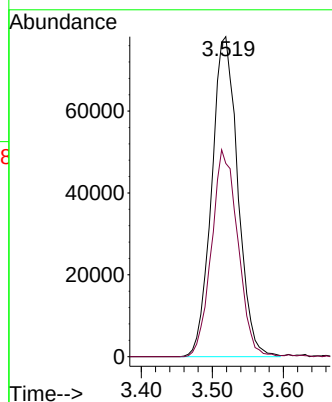
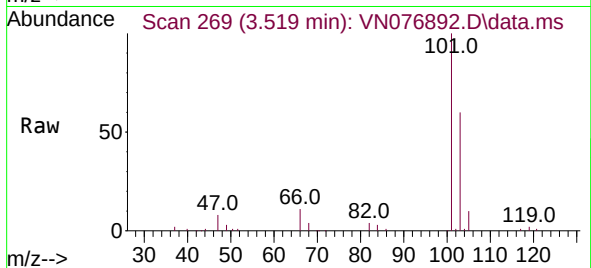




#7
 Trichlorofluoromethane
 Concen: 19.241 ug/l
 RT: 3.519 min Scan# 269
 Delta R.T. 0.006 min
 Lab File: VN076892.D
 Acq: 09 Mar 2023 10:26

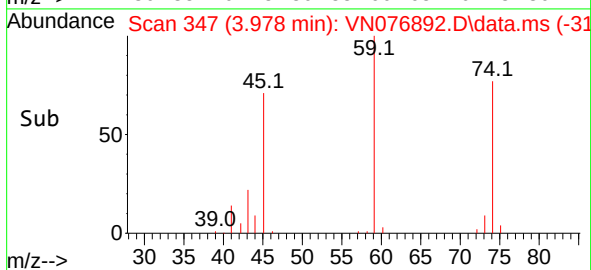
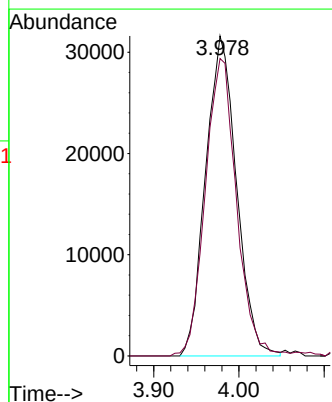
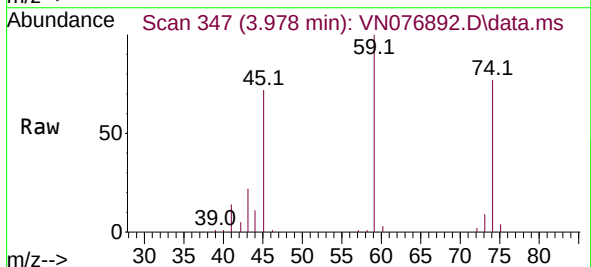
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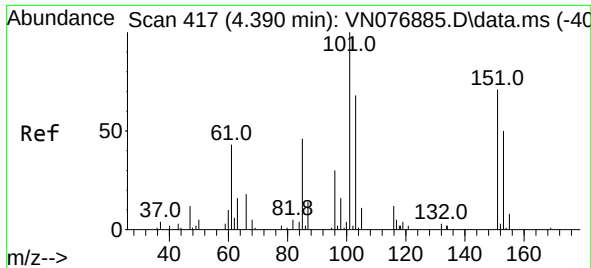
Tgt Ion:101 Resp: 199598
 Ion Ratio Lower Upper
 101 100
 103 60.4 50.2 75.2



#8
 Diethyl Ether
 Concen: 20.446 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076892.D
 Acq: 09 Mar 2023 10:26

Tgt Ion: 74 Resp: 79543
 Ion Ratio Lower Upper
 74 100
 45 93.8 21.4 193.0

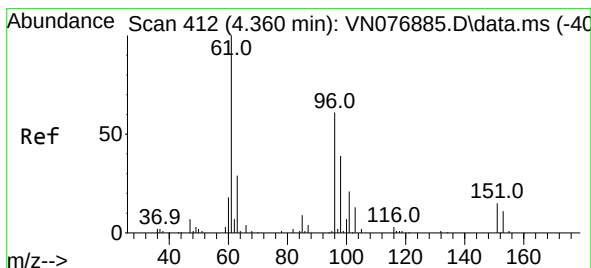
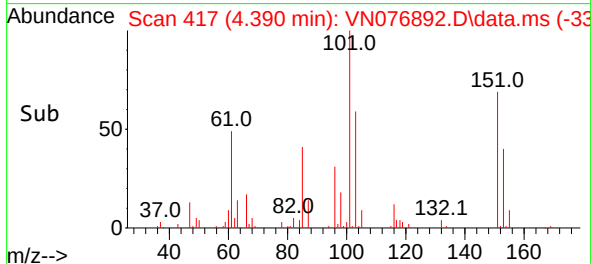
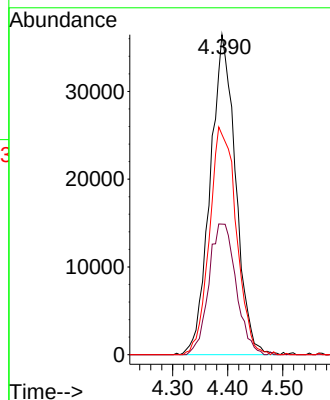
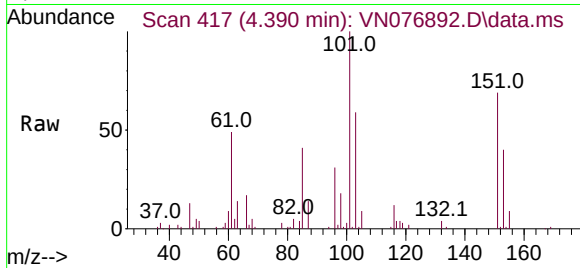




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.956 ug/l
 RT: 4.390 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VN076892.D
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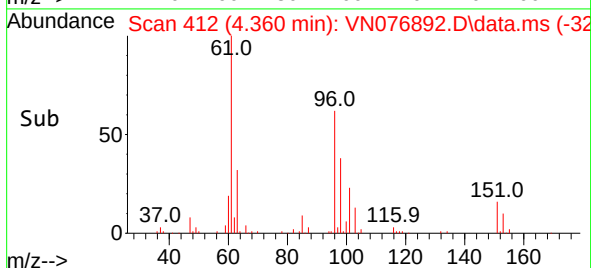
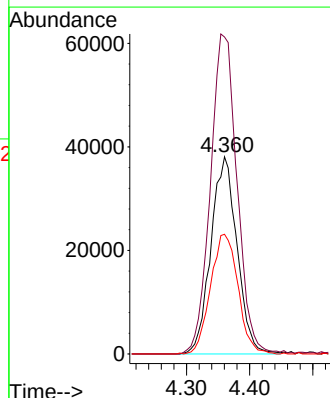
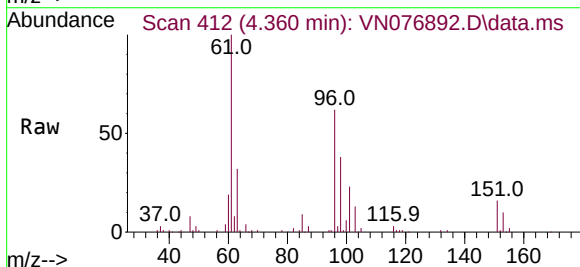
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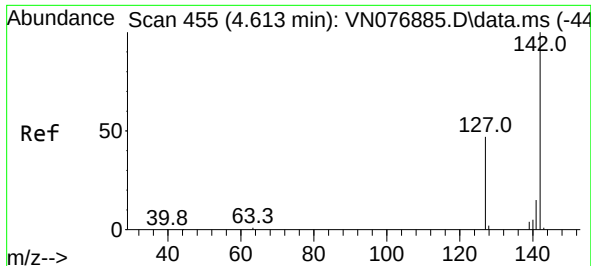
Tgt Ion:101 Resp: 117280
 Ion Ratio Lower Upper
 101 100
 85 43.7 0.0 95.2
 151 74.9 0.0 142.2



#10
 1,1-Dichloroethene
 Concen: 19.212 ug/l
 RT: 4.360 min Scan# 412
 Delta R.T. 0.006 min
 Lab File: VN076892.D
 Acq: 09 Mar 2023 10:26

Tgt Ion: 96 Resp: 109588
 Ion Ratio Lower Upper
 96 100
 61 160.8 137.1 205.7
 98 60.7 53.2 79.8

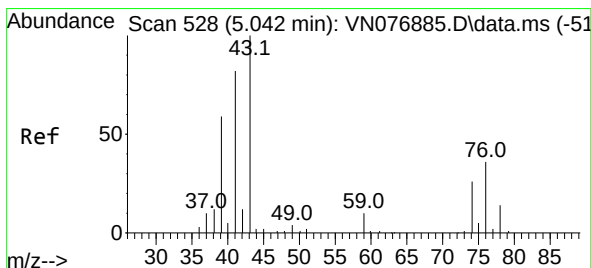
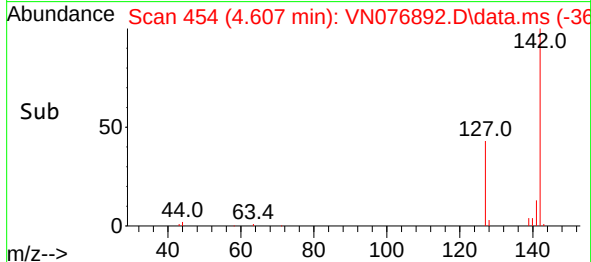
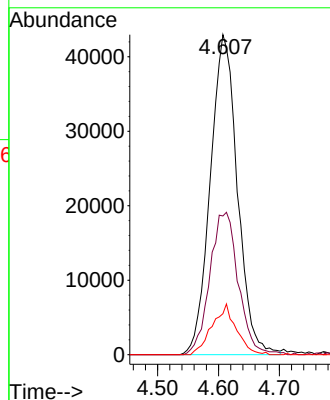
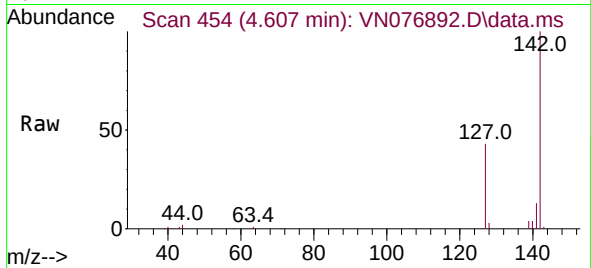




#11
Methyl Iodide
Concen: 19.375 ug/l
RT: 4.607 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

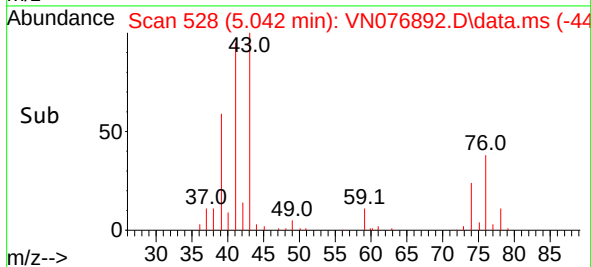
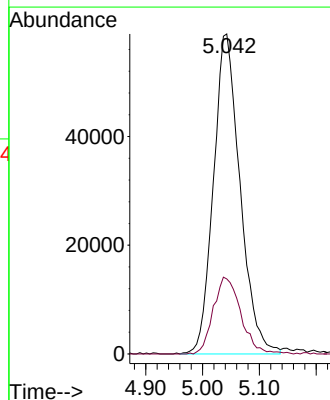
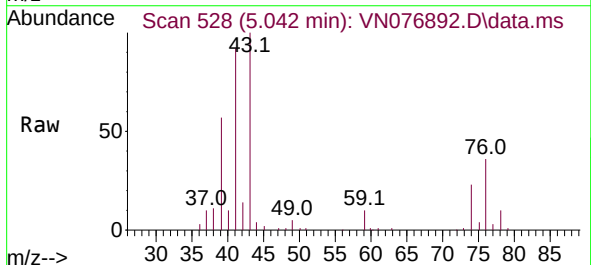
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

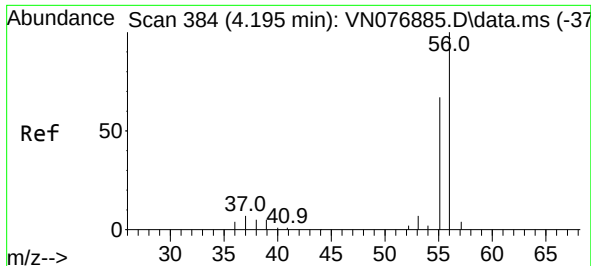
Tgt Ion:142 Resp: 133167
Ion Ratio Lower Upper
142 100
127 43.3 25.0 75.0
141 12.9 8.0 24.0



#12
Methyl Acetate
Concen: 20.411 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 43 Resp: 191492
Ion Ratio Lower Upper
43 100
74 23.3 19.0 28.4

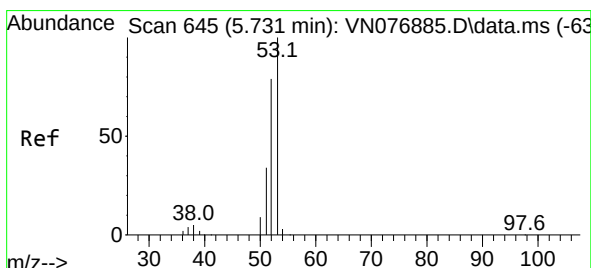
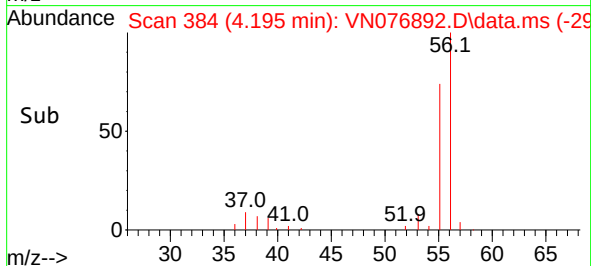
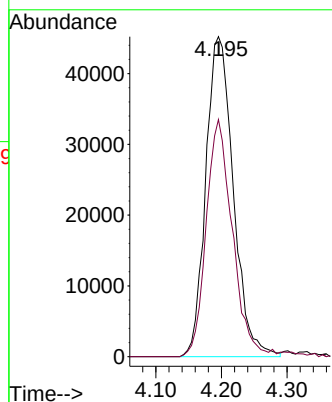
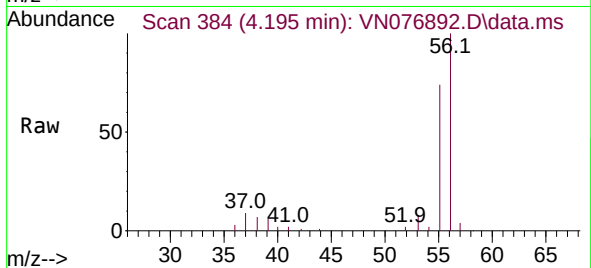




#13
Acrolein
Concen: 95.098 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.005 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

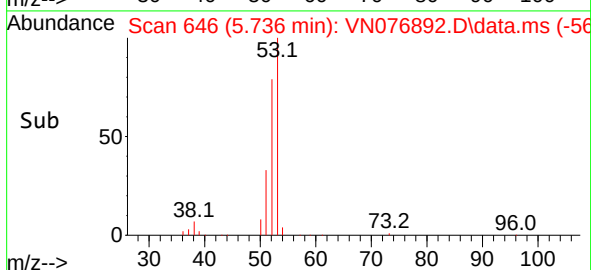
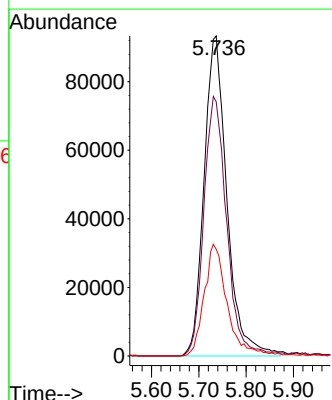
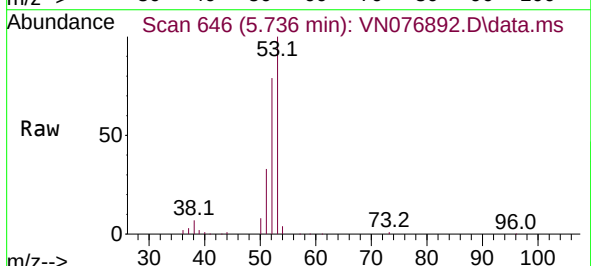
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

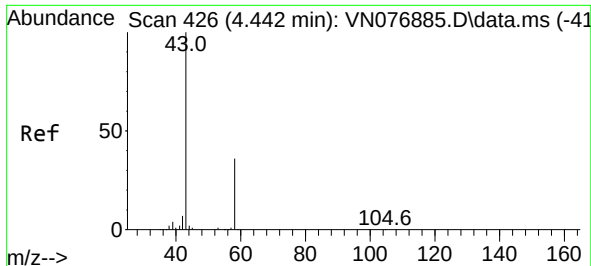
Tgt Ion: 56 Resp: 131901
Ion Ratio Lower Upper
56 100
55 70.1 55.0 82.4



#14
Acrylonitrile
Concen: 101.298 ug/l
RT: 5.736 min Scan# 646
Delta R.T. -0.001 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 53 Resp: 313075
Ion Ratio Lower Upper
53 100
52 80.7 41.5 124.6
51 34.8 17.6 52.8





#15

Acetone

Concen: 114.845 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

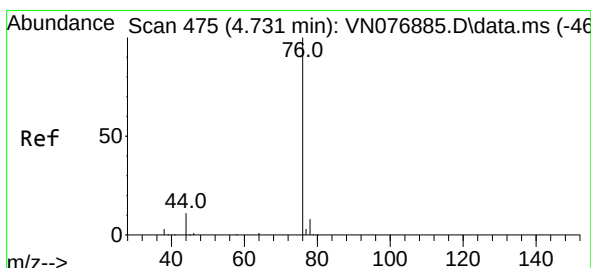
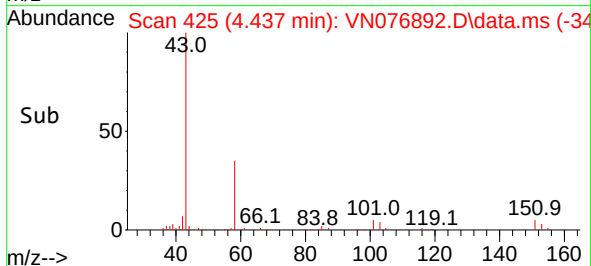
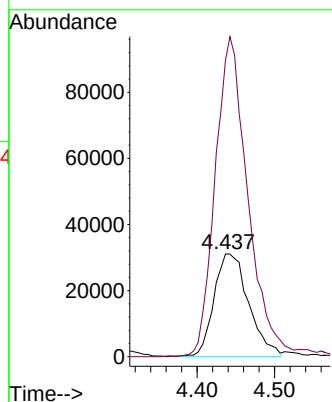
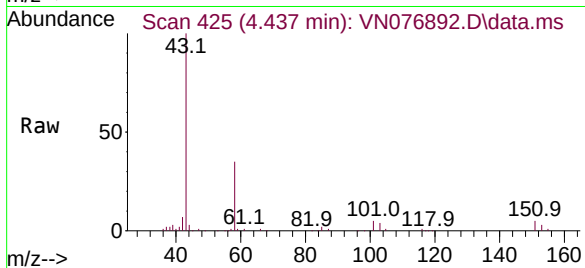
VN0309WBS01

Tgt Ion: 58 Resp: 96598

Ion Ratio Lower Upper

58 100

43 289.7 255.4 383.0



#16

Carbon Disulfide

Concen: 19.483 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.006 min

Lab File: VN076892.D

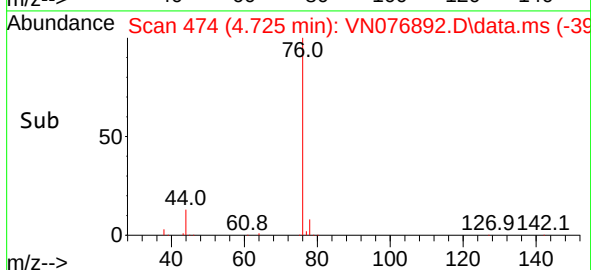
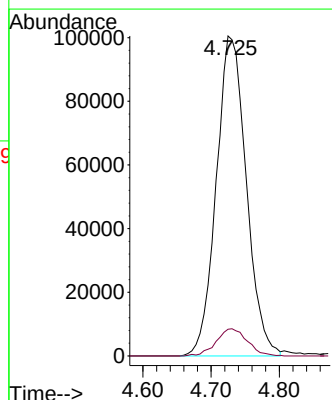
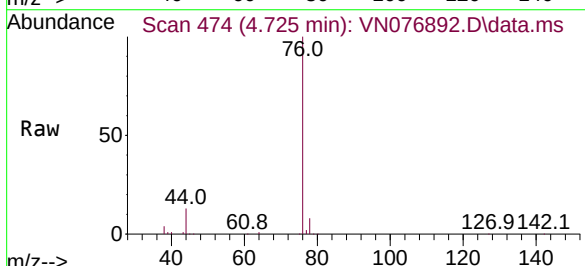
Acq: 09 Mar 2023 10:26

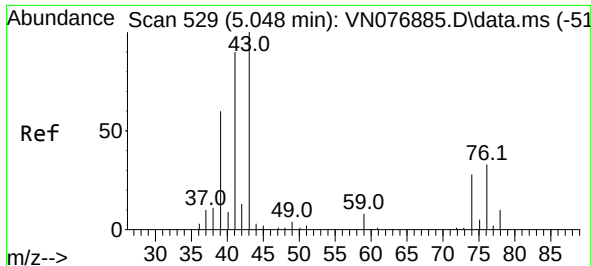
Tgt Ion: 76 Resp: 308163

Ion Ratio Lower Upper

76 100

78 8.3 6.6 9.8

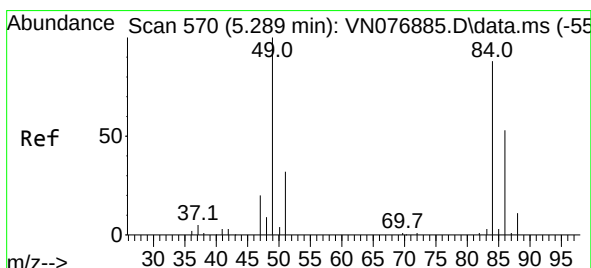
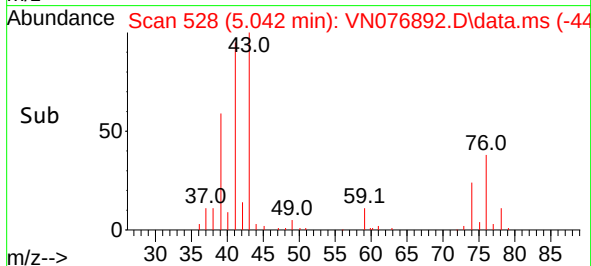
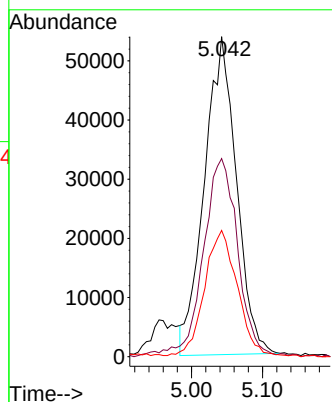
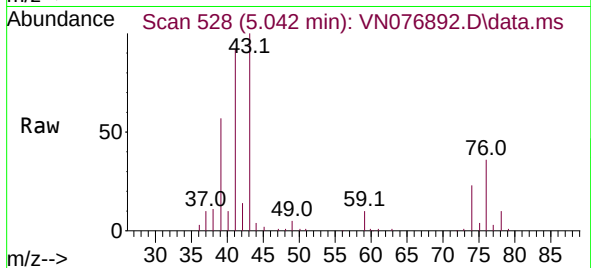




#17
 Allyl chloride
 Concen: 19.640 ug/l
 RT: 5.042 min Scan# 51
 Delta R.T. 0.005 min
 Lab File: VN076892.D
 Acq: 09 Mar 2023 10:26

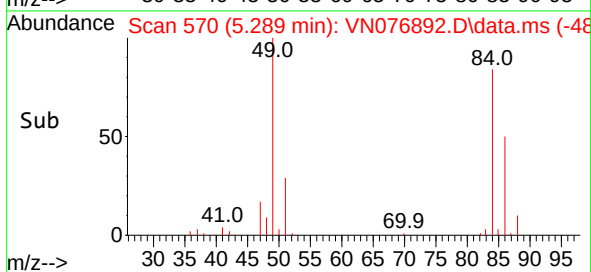
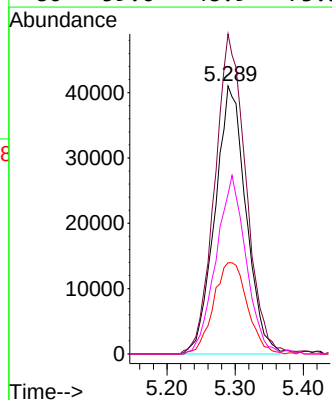
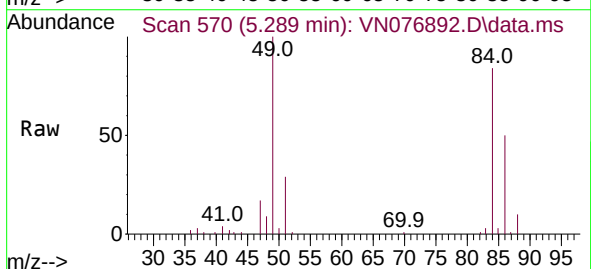
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

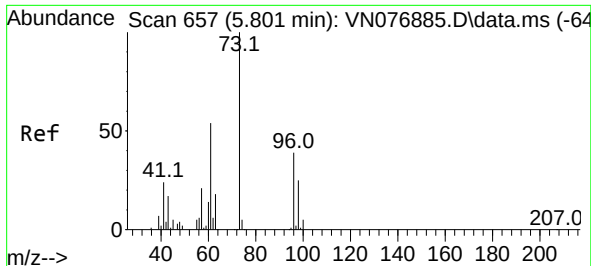
Tgt Ion: 41 Resp: 168032
 Ion Ratio Lower Upper
 41 100
 39 61.6 34.8 104.3
 76 39.4 17.5 52.5



#18
 Methylene Chloride
 Concen: 19.405 ug/l
 RT: 5.289 min Scan# 570
 Delta R.T. -0.006 min
 Lab File: VN076892.D
 Acq: 09 Mar 2023 10:26

Tgt Ion: 84 Resp: 129470
 Ion Ratio Lower Upper
 84 100
 49 119.4 113.8 170.6
 51 34.1 34.2 51.4#
 86 59.6 48.9 73.3

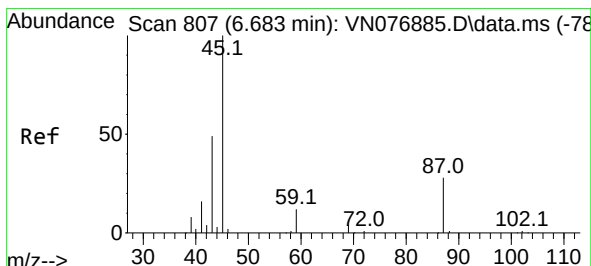
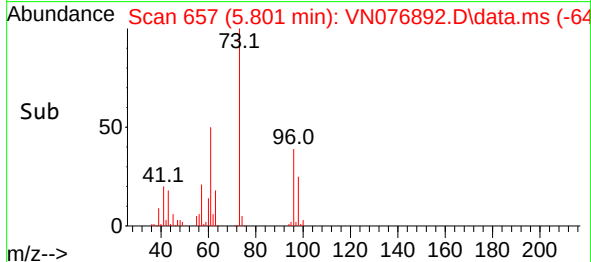
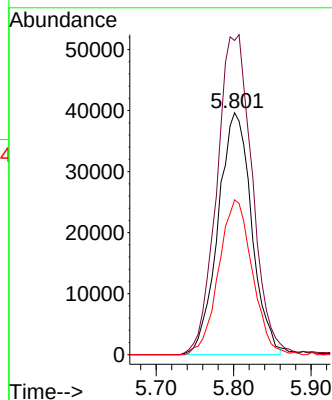
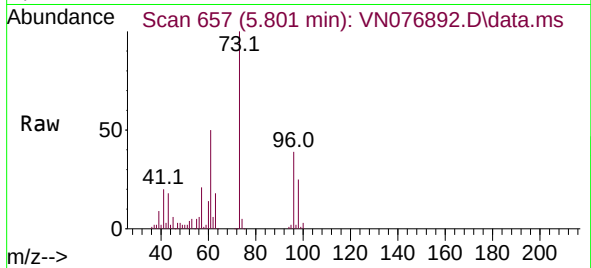




#19
trans-1,2-Dichloroethene
Concen: 19.886 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

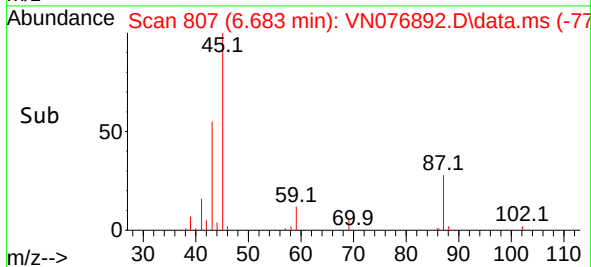
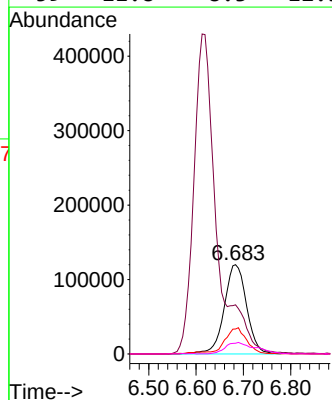
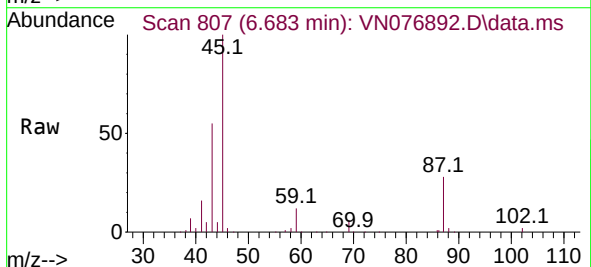
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

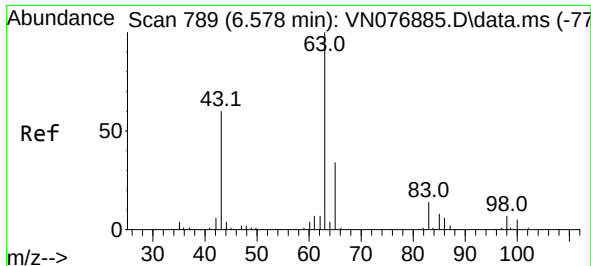
Tgt Ion: 96 Resp: 119524
Ion Ratio Lower Upper
96 100
61 129.9 111.0 166.4
98 64.0 55.0 82.6



#20
Diisopropyl ether
Concen: 20.416 ug/l
RT: 6.683 min Scan# 807
Delta R.T. -0.006 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 45 Resp: 394044
Ion Ratio Lower Upper
45 100
43 53.1 38.6 58.0
87 27.7 20.1 30.1
59 11.8 8.3 12.5





#21

1,1-Dichloroethane

Concen: 19.649 ug/l

RT: 6.578 min Scan# 789

Delta R.T. -0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBS01

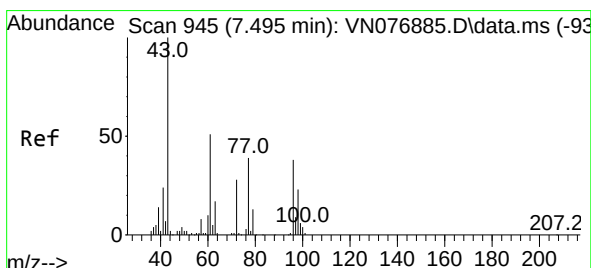
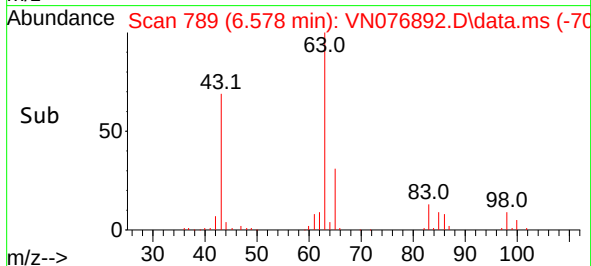
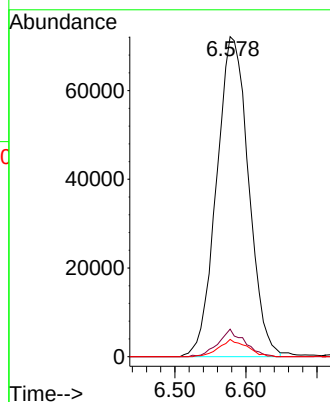
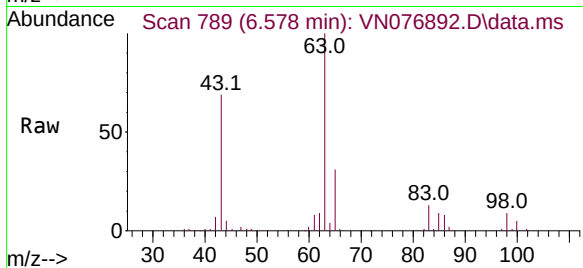
Tgt Ion: 63 Resp: 225688

Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.9

100 5.4 2.6 7.8



#22

cis-1,2-Dichloroethene

Concen: 19.620 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

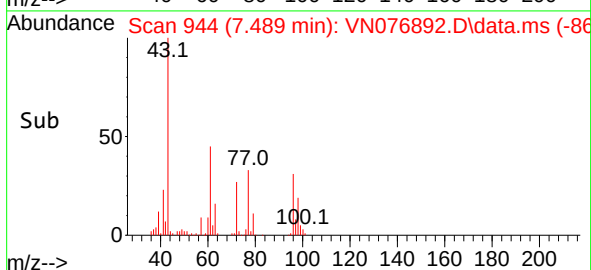
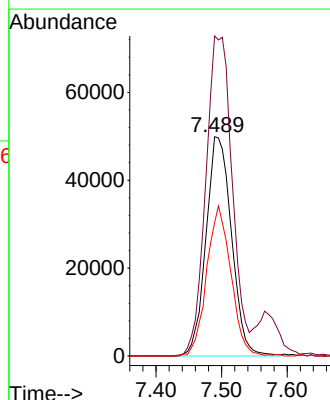
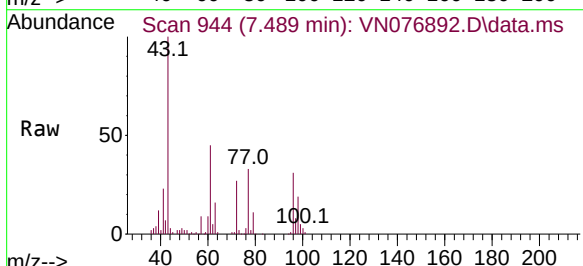
Tgt Ion: 96 Resp: 135142

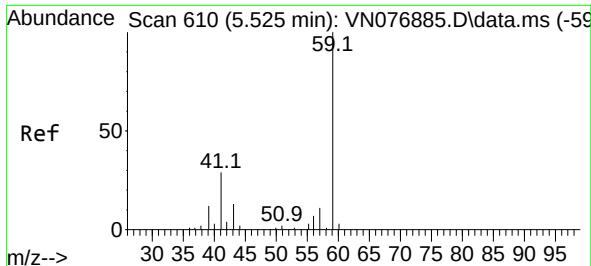
Ion Ratio Lower Upper

96 100

61 150.7 121.0 181.4

98 64.3 50.1 75.1

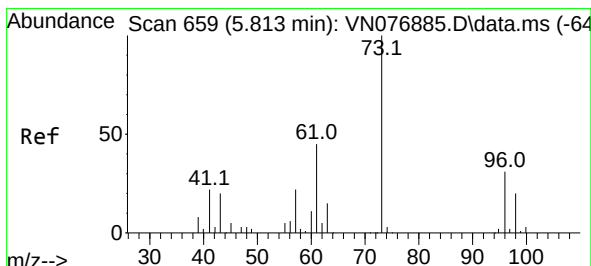
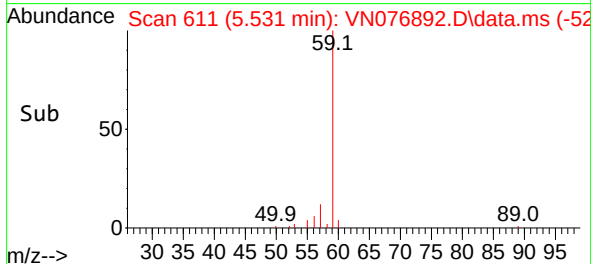
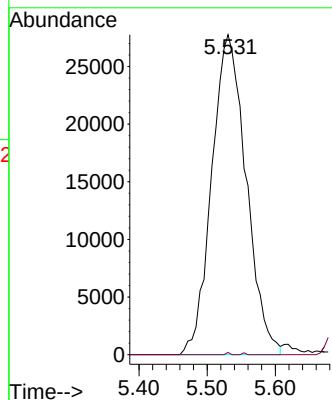
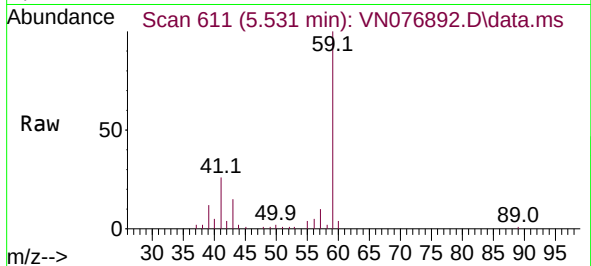




#23
tert-Butyl Alcohol
Concen: 108.462 ug/l
RT: 5.531 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

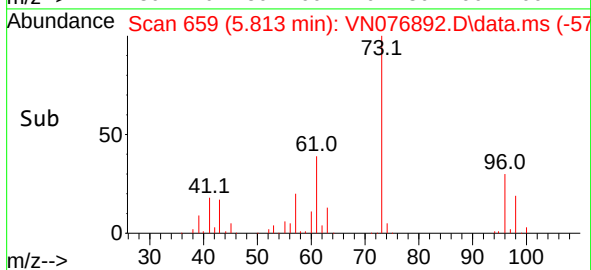
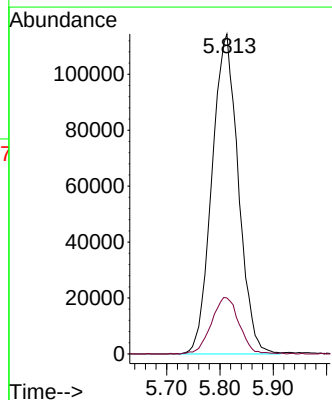
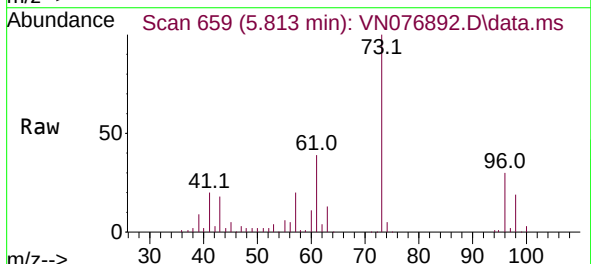
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

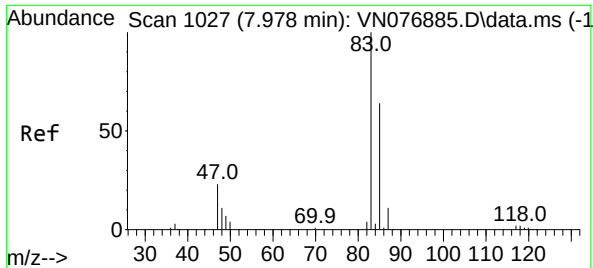
Tgt Ion: 59 Resp: 97355
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 21.149 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 73 Resp: 393313
Ion Ratio Lower Upper
73 100
43 18.4 17.8 26.6

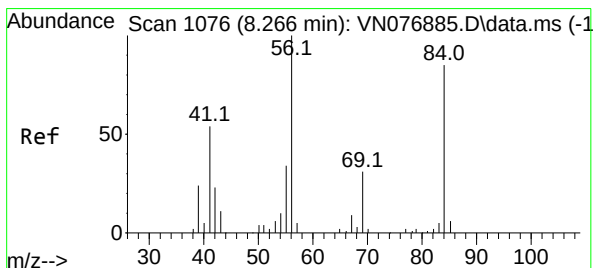
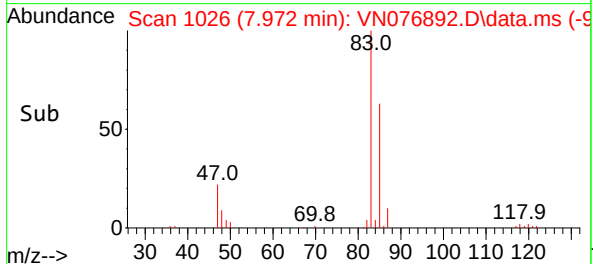
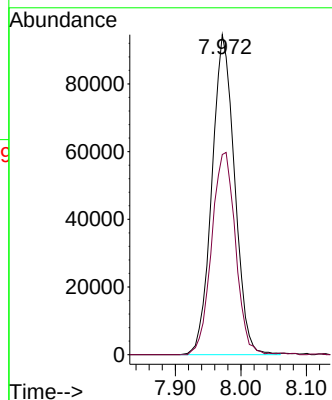
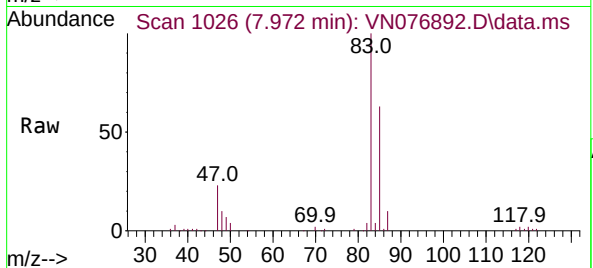




#25
Chloroform
Concen: 19.265 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

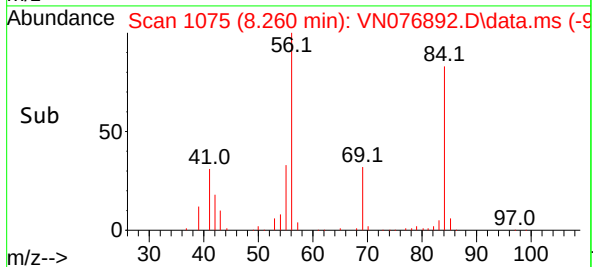
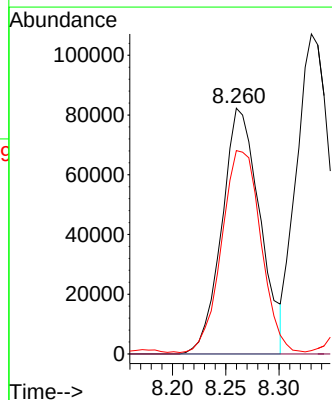
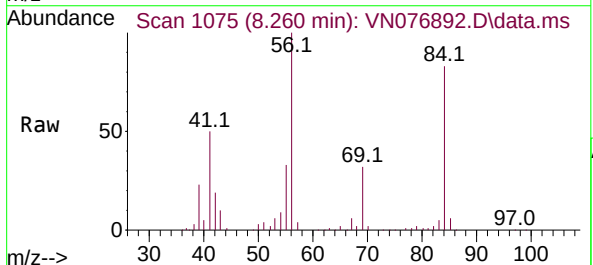
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

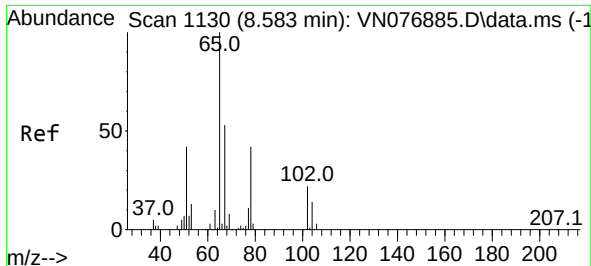
Tgt Ion: 83 Resp: 227309
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.6



#26
Cyclohexane
Concen: 19.493 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 56 Resp: 204421
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.1 65.3 97.9

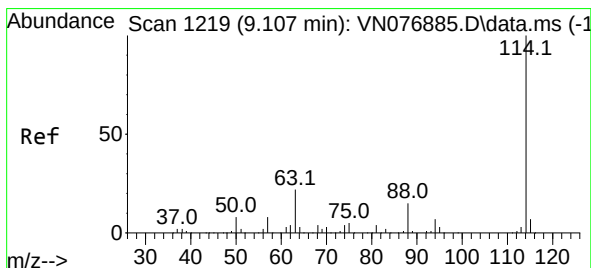
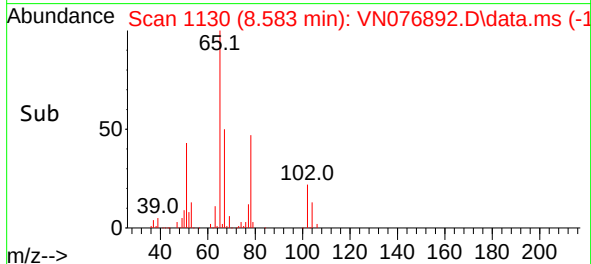
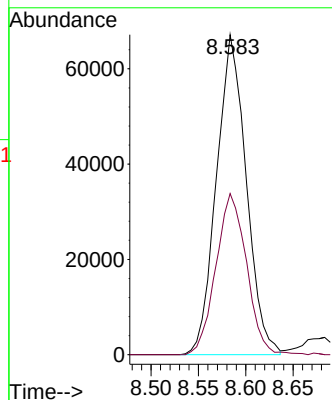
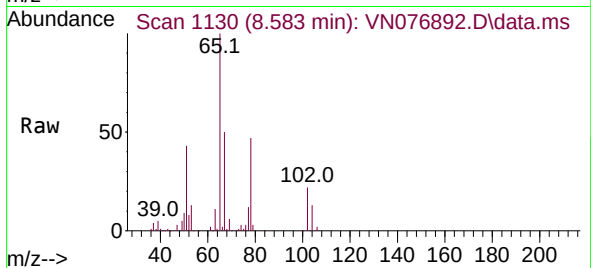




#27
1,2-Dichloroethane-d4
Concen: 30.683 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

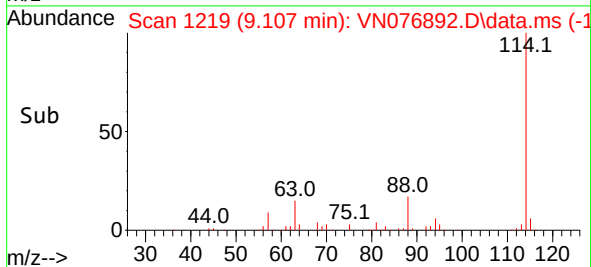
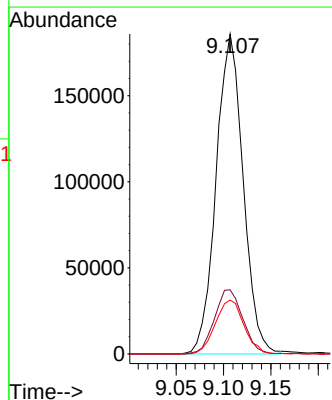
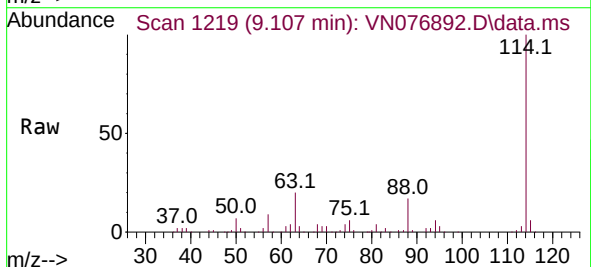
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

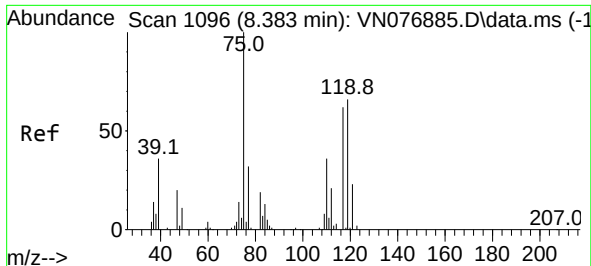
Tgt Ion: 65 Resp: 146831
Ion Ratio Lower Upper
65 100
67 51.4 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 114 Resp: 369000
Ion Ratio Lower Upper
114 100
63 21.1 17.0 25.4
88 17.8 11.6 17.4#





#29

1,1-Dichloropropene

Concen: 19.985 ug/l

RT: 8.377 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBS01

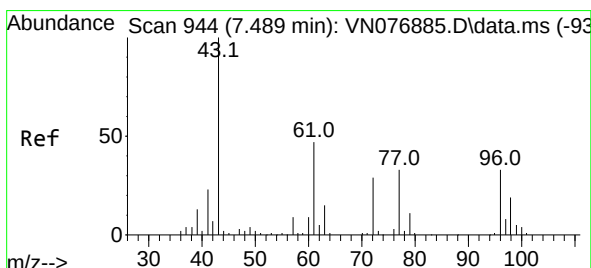
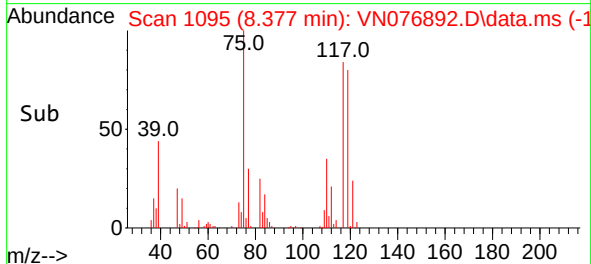
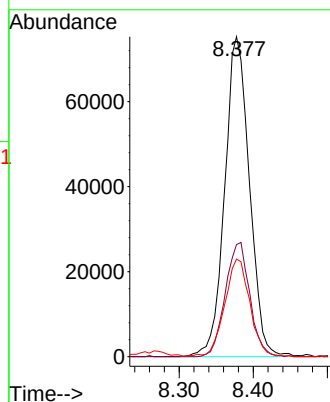
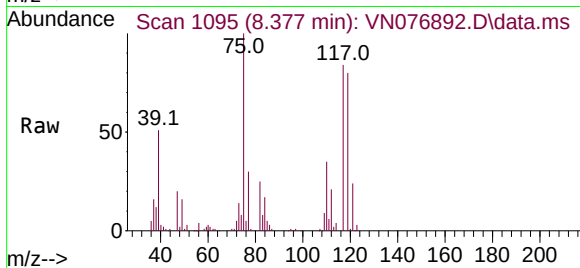
Tgt Ion: 75 Resp: 173702

Ion Ratio Lower Upper

75 100

110 35.4 0.0 67.2

77 30.9 0.0 64.4



#30

2-Butanone

Concen: 103.453 ug/l

RT: 7.489 min Scan# 944

Delta R.T. 0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

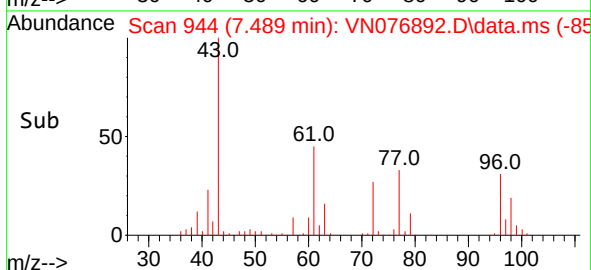
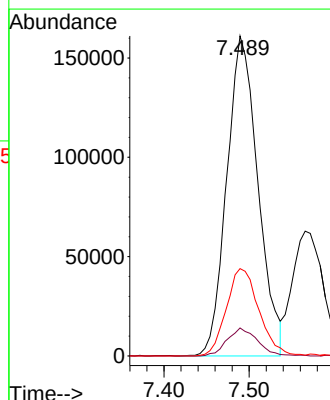
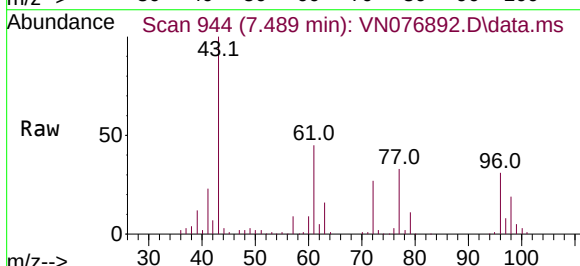
Tgt Ion: 43 Resp: 410224

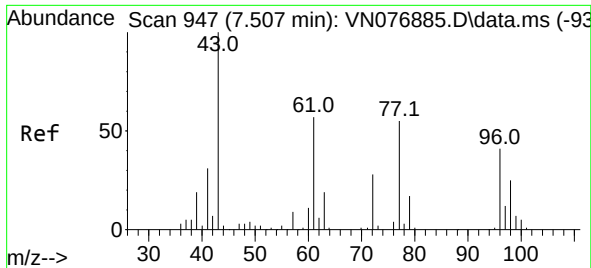
Ion Ratio Lower Upper

43 100

57 8.5 6.1 9.1

72 28.5 20.2 30.4





#31

2,2-Dichloropropane

Concen: 20.494 ug/l

RT: 7.501 min Scan# 947

Delta R.T. 0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

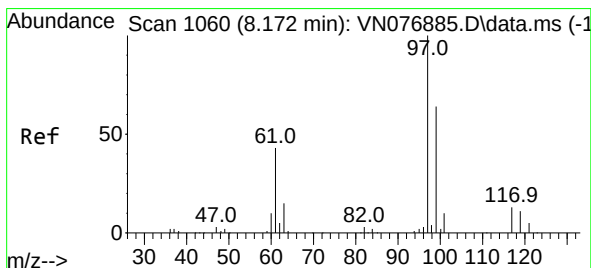
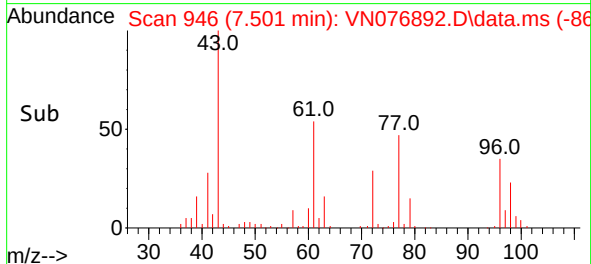
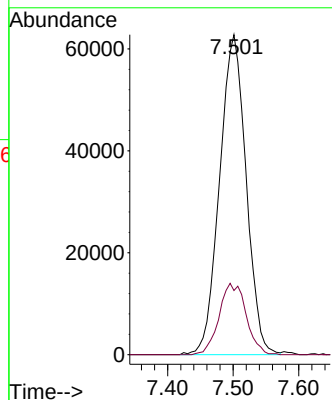
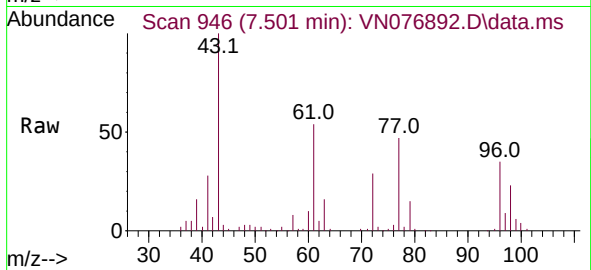
VN0309WBS01

Tgt Ion: 77 Resp: 176476

Ion Ratio Lower Upper

77 100

97 22.7 7.2 10.8#



#32

1,1,1-Trichloroethane

Concen: 19.866 ug/l

RT: 8.177 min Scan# 1061

Delta R.T. -0.001 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

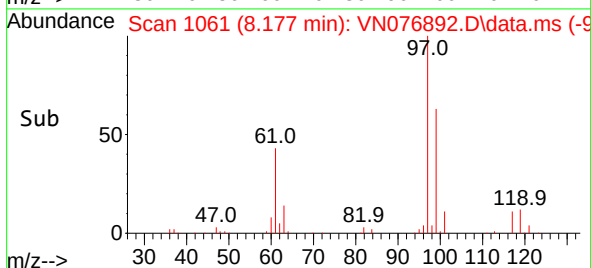
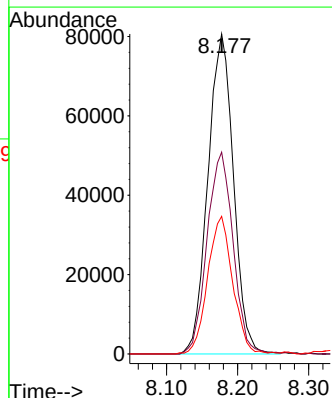
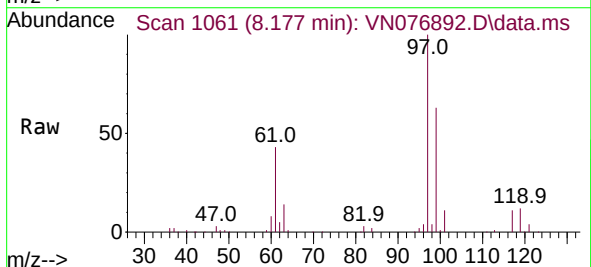
Tgt Ion: 97 Resp: 201396

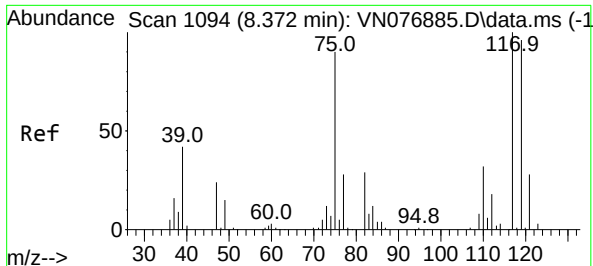
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

61 42.1 39.3 58.9

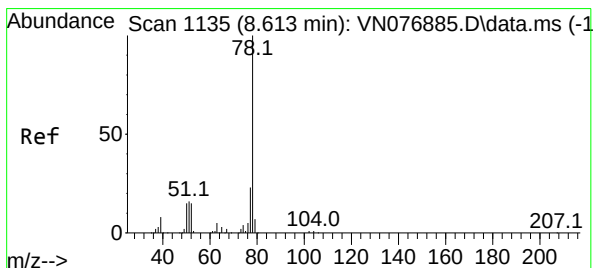
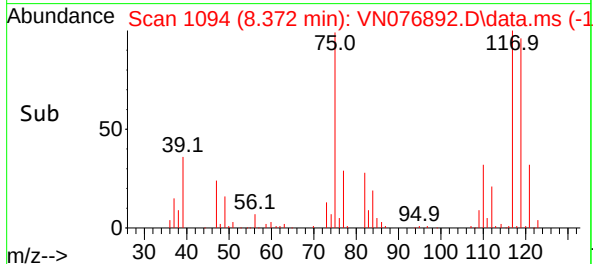
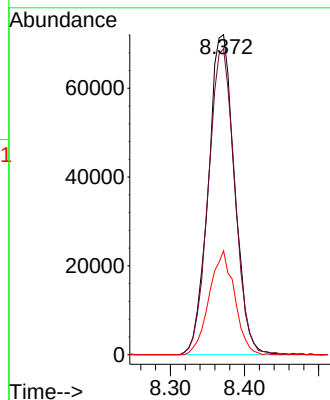
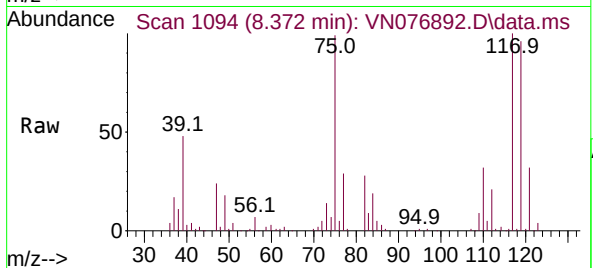




#33
Carbon Tetrachloride
Concen: 19.748 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

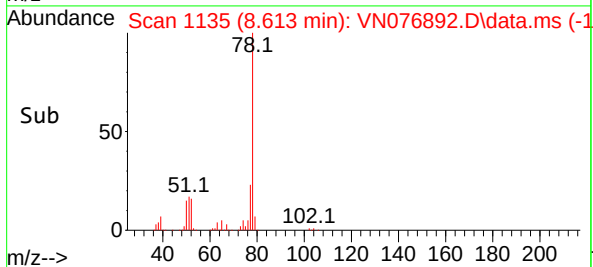
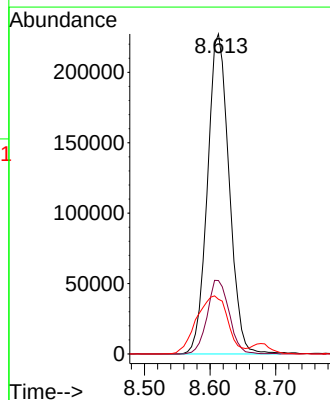
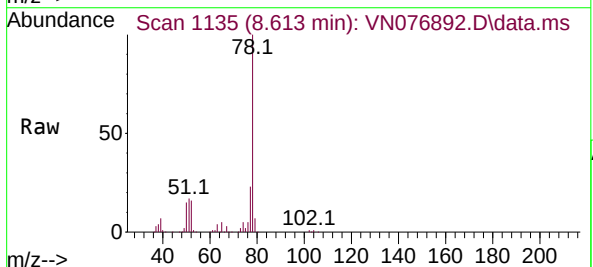
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

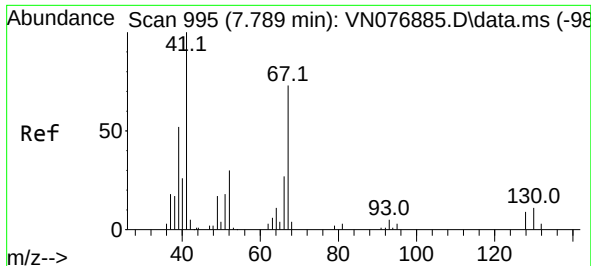
Tgt Ion:117 Resp: 177024
Ion Ratio Lower Upper
117 100
119 95.6 79.8 119.8
121 32.4 23.4 35.0



#34
Benzene
Concen: 19.570 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 78 Resp: 521468
Ion Ratio Lower Upper
78 100
77 23.0 17.4 26.2
51 16.7 13.8 20.6

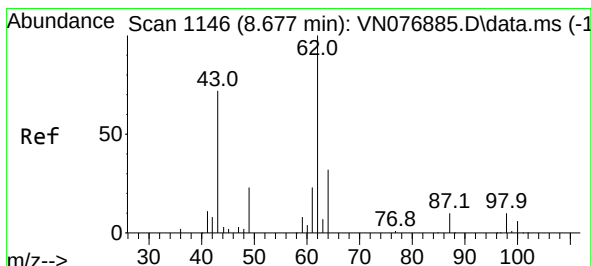
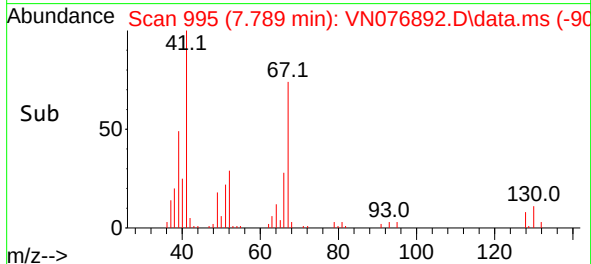
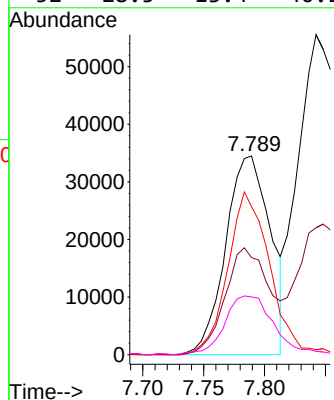
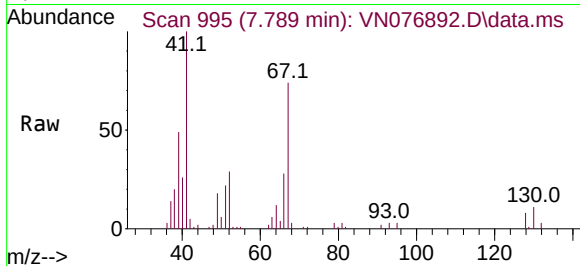




#35
Methacrylonitrile
Concen: 19.759 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

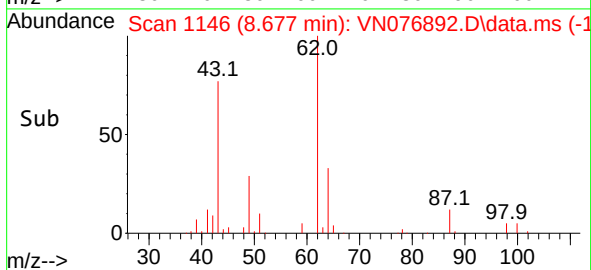
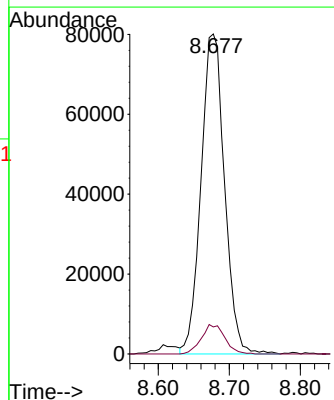
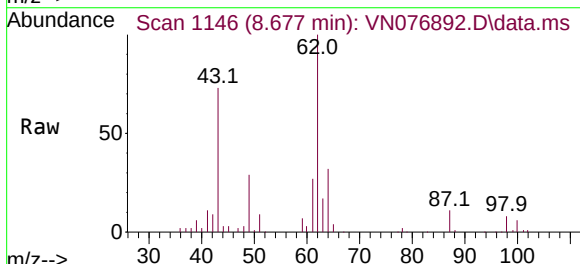
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

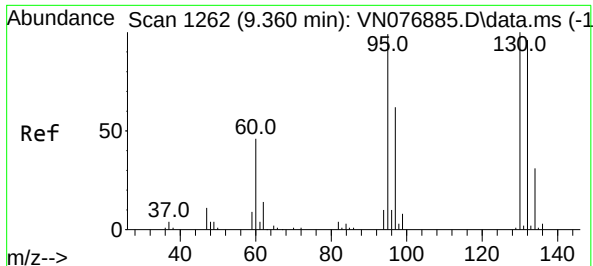
Tgt Ion: 41	Resp: 88163
Ion Ratio	Lower Upper
41 100	
39 48.9	26.6 79.7
67 74.5	32.3 96.9
52 28.5	13.4 40.1



#36
1,2-Dichloroethane
Concen: 20.661 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 62	Resp: 184528
Ion Ratio	Lower Upper
62 100	
98 9.2	7.4 11.0





#37

Trichloroethene

Concen: 19.722 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

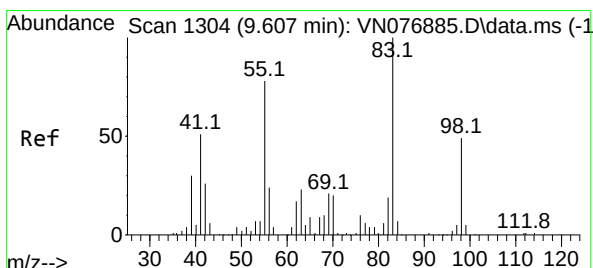
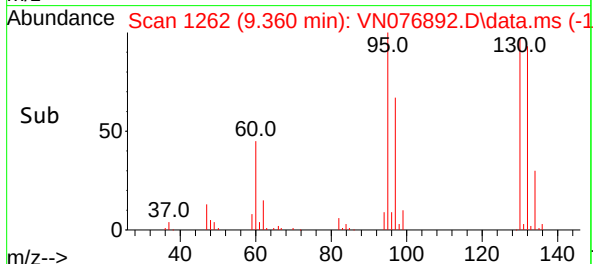
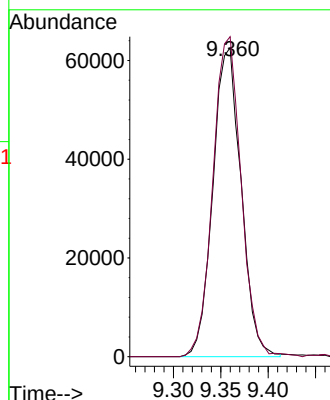
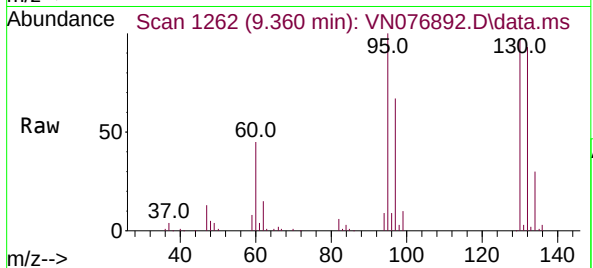
VN0309WBS01

Tgt Ion:130 Resp: 129517

Ion Ratio Lower Upper

130 100

95 103.6 78.7 118.1



#38

Methylcyclohexane

Concen: 19.600 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

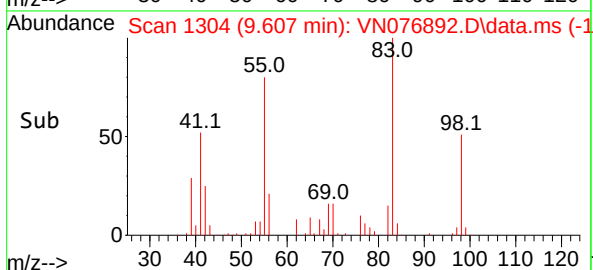
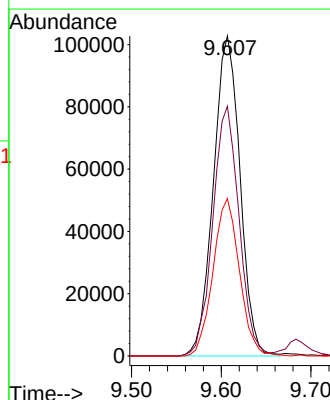
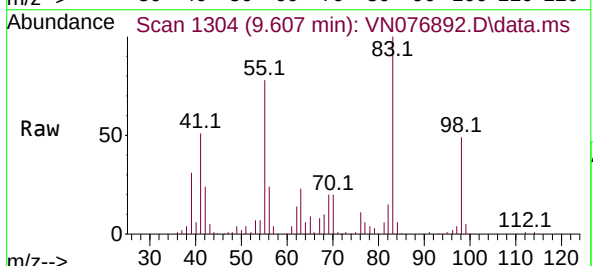
Tgt Ion: 83 Resp: 212038

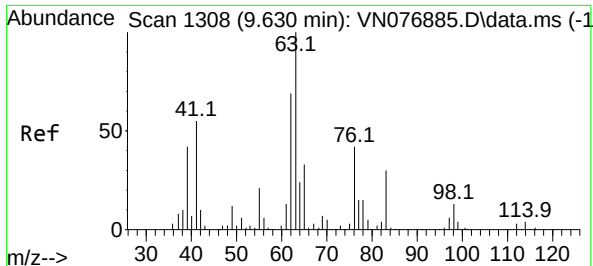
Ion Ratio Lower Upper

83 100

55 76.8 37.6 112.9

98 48.8 24.1 72.4





#39

1,2-Dichloropropane

Concen: 19.191 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

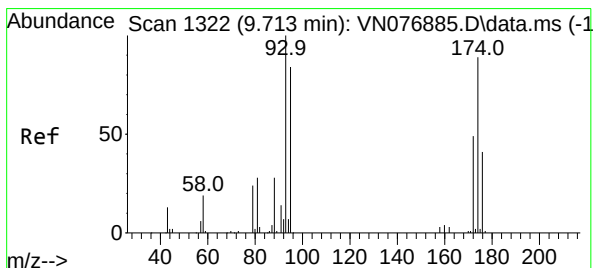
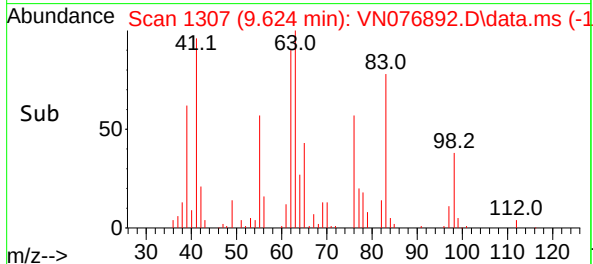
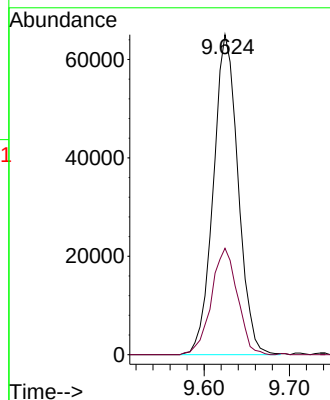
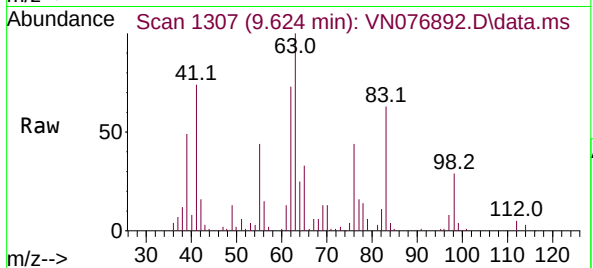
VN0309WBS01

Tgt Ion: 63 Resp: 131383

Ion Ratio Lower Upper

63 100

65 33.3 27.2 40.8



#40

Dibromomethane

Concen: 20.474 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

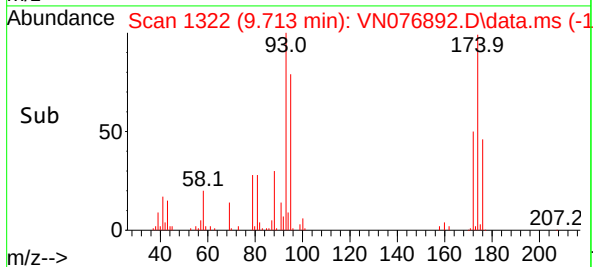
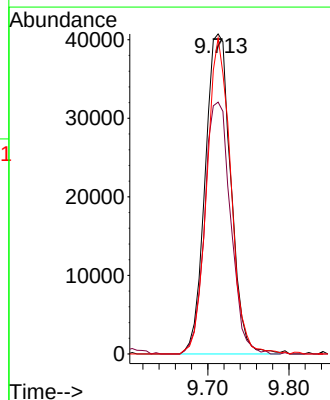
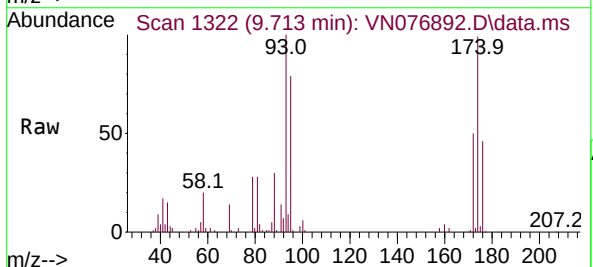
Tgt Ion: 93 Resp: 89300

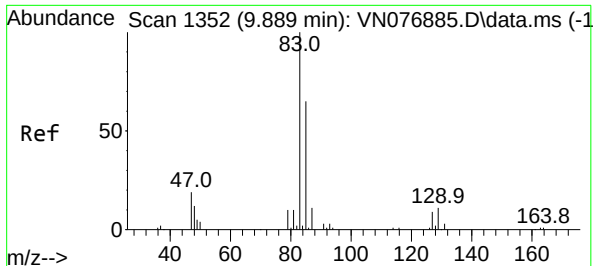
Ion Ratio Lower Upper

93 100

95 79.5 0.0 158.0

174 92.1 0.0 171.2

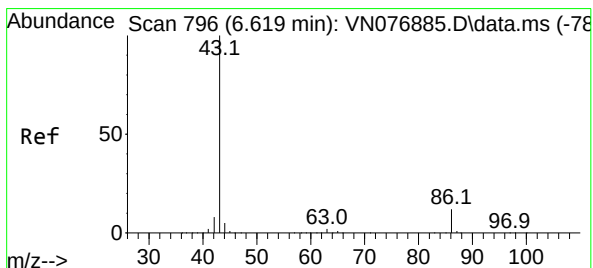
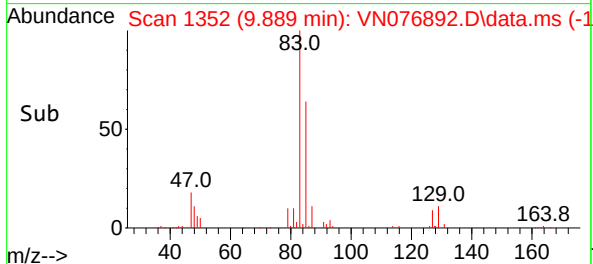
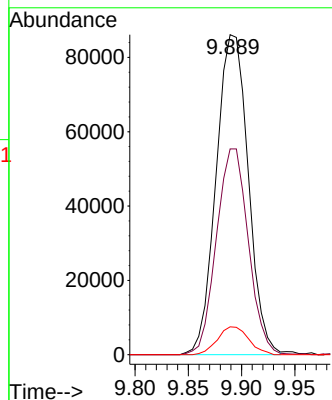
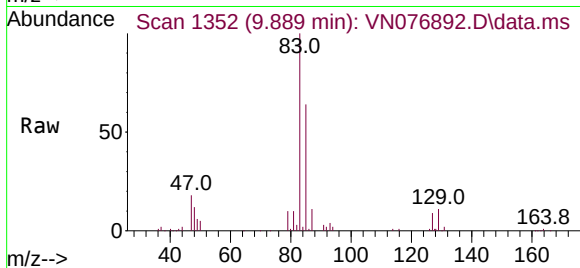




#41
Bromodichloromethane
Concen: 20.233 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

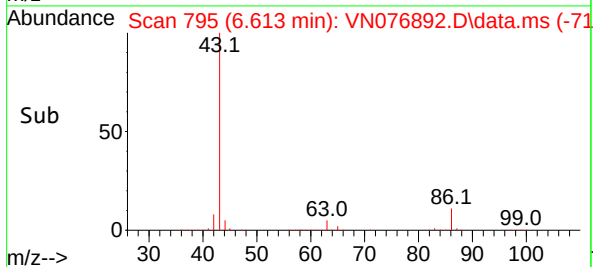
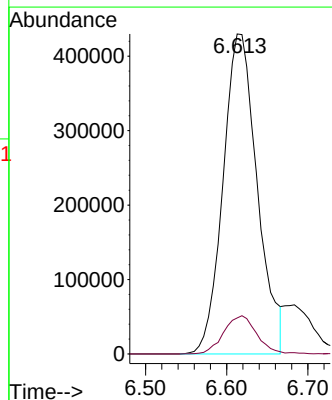
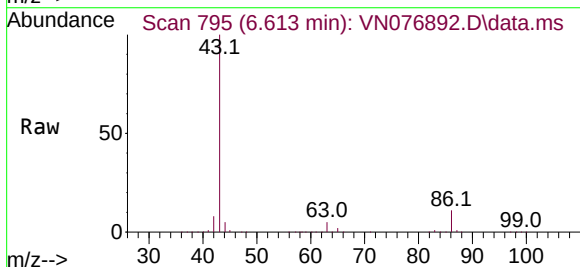
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

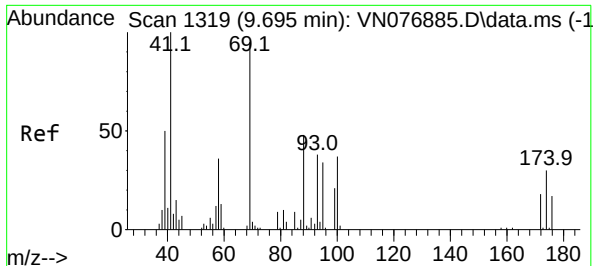
Tgt Ion: 83 Resp: 180856
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.4
127 9.6 6.2 9.2#



#42
Vinyl Acetate
Concen: 102.028 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 43 Resp: 1261125
Ion Ratio Lower Upper
43 100
86 11.4 7.8 11.6





#45

1,4-Dioxane

Concen: 403.512 ug/l

RT: 9.695 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBS01

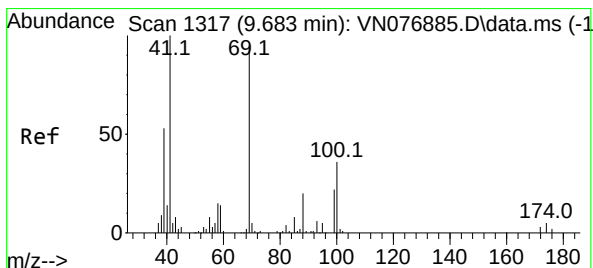
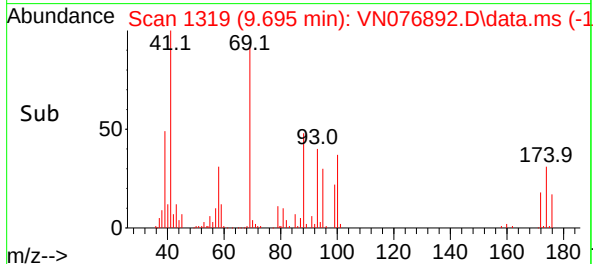
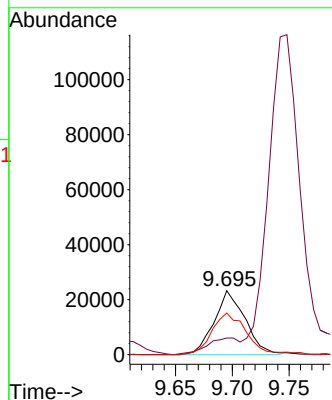
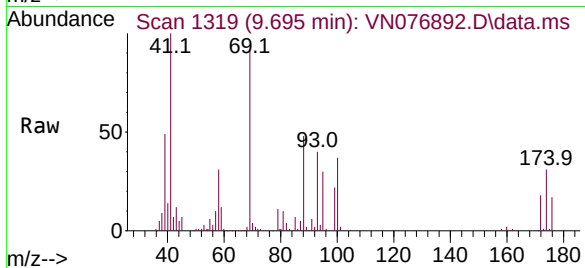
Tgt Ion: 88 Resp: 44029

Ion Ratio Lower Upper

88 100

43 27.7 26.0 39.0

58 71.3 54.3 81.5



#46

Methyl methacrylate

Concen: 20.250 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

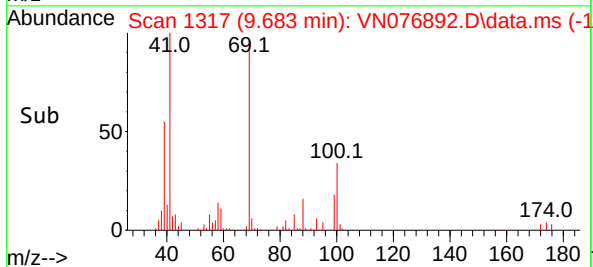
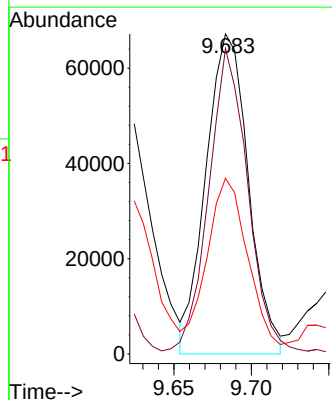
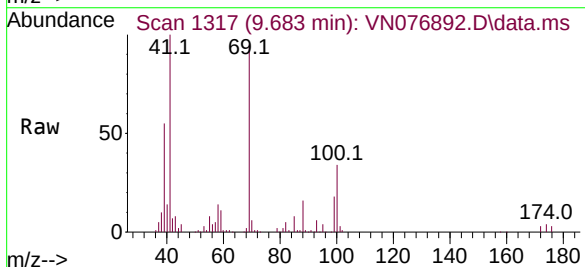
Tgt Ion: 41 Resp: 127906

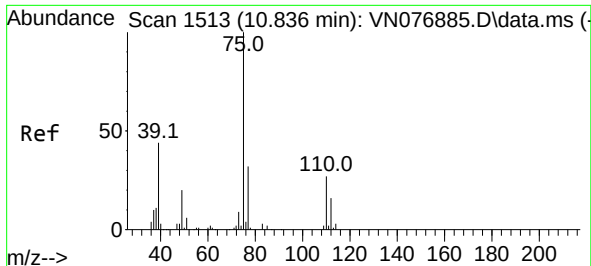
Ion Ratio Lower Upper

41 100

69 97.2 40.6 121.7

39 55.0 30.5 91.5

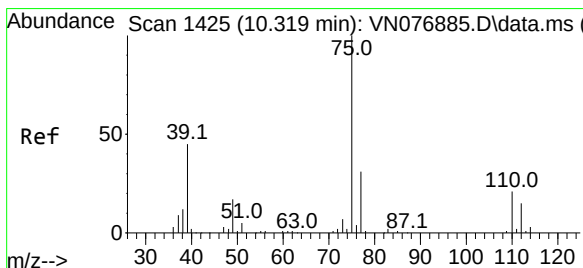
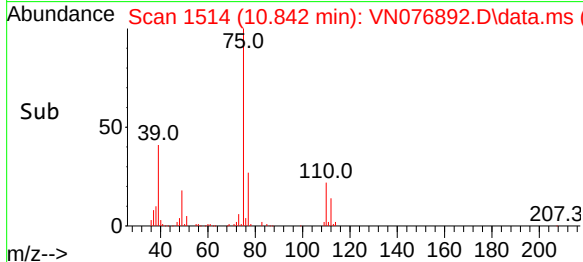
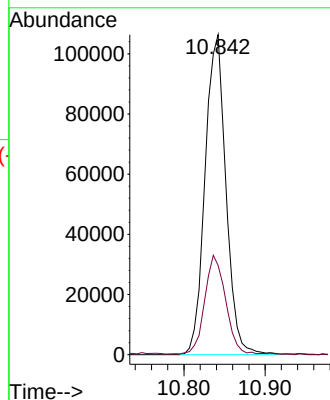
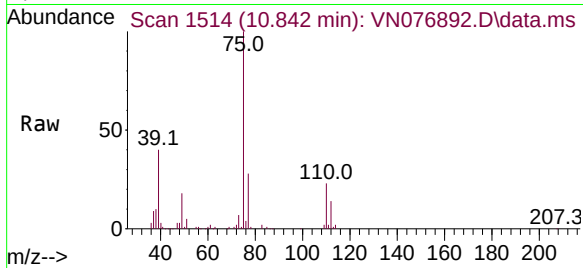




#48
t-1,3-Dichloropropene
Concen: 21.225 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

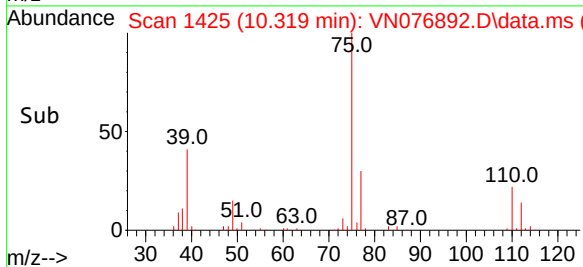
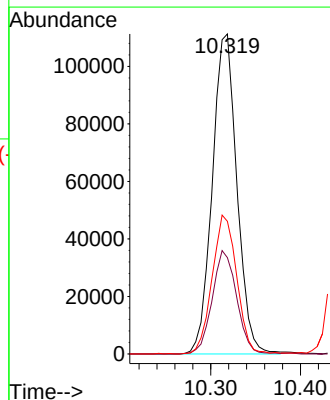
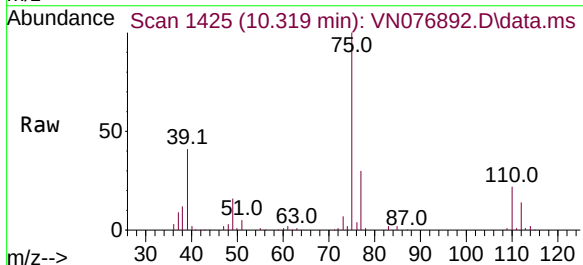
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

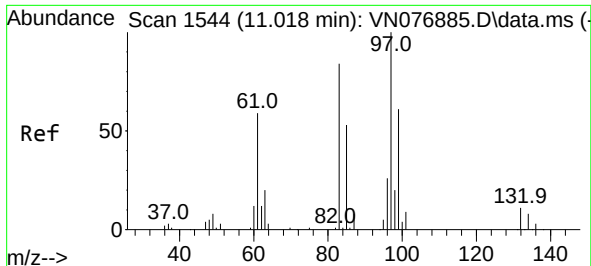
Tgt Ion: 75 Resp: 190023
Ion Ratio Lower Upper
75 100
77 27.7 25.4 38.2



#49
cis-1,3-Dichloropropene
Concen: 20.851 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 75 Resp: 212027
Ion Ratio Lower Upper
75 100
77 30.1 27.5 41.3
39 41.5 43.5 65.3#

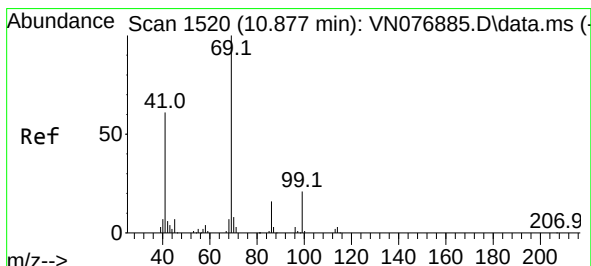
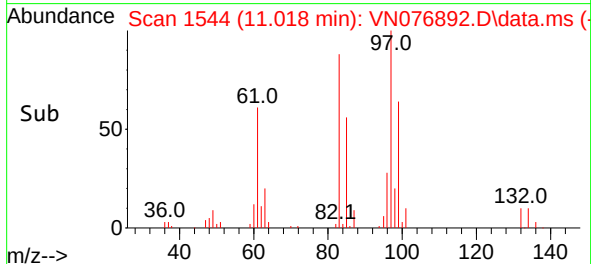
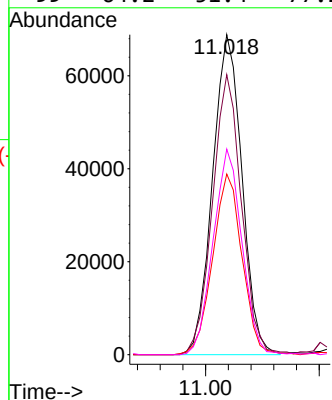
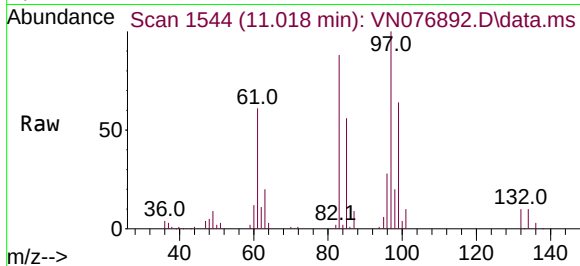




#50
1,1,2-Trichloroethane
Concen: 19.320 ug/l
RT: 11.018 min Scan# 1544
Delta R.T. -0.001 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

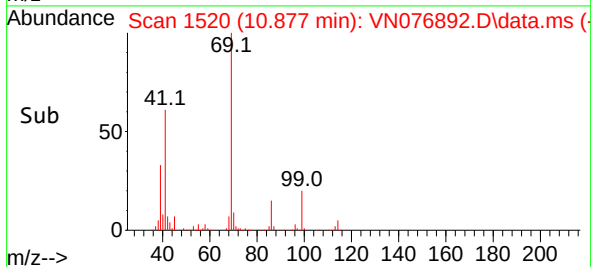
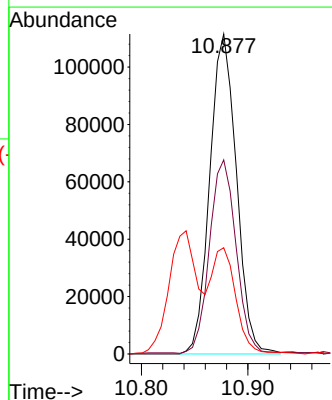
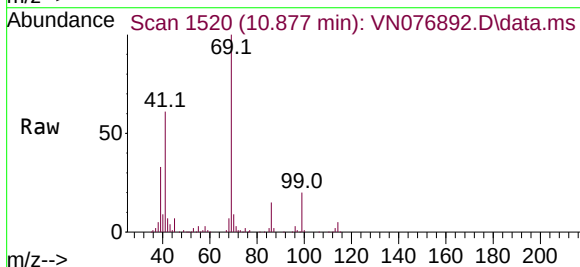
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

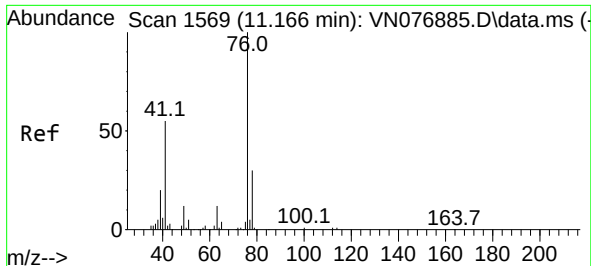
Tgt Ion:	97	Resp:	123448
Ion	Ratio	Lower	Upper
97	100		
83	87.3	71.0	106.4
85	56.2	45.5	68.3
99	64.2	51.4	77.2



#51
Ethyl methacrylate
Concen: 20.560 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion:	69	Resp:	193669
Ion	Ratio	Lower	Upper
69	100		
41	60.4	36.3	108.7
39	32.7	19.9	59.7





#52

1,3-Dichloropropane

Concen: 19.774 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

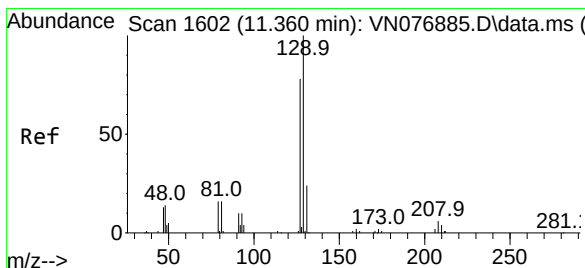
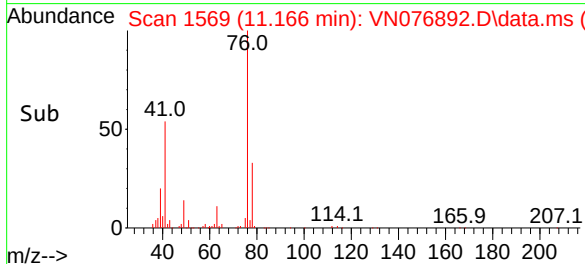
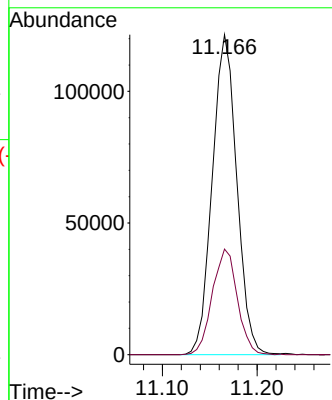
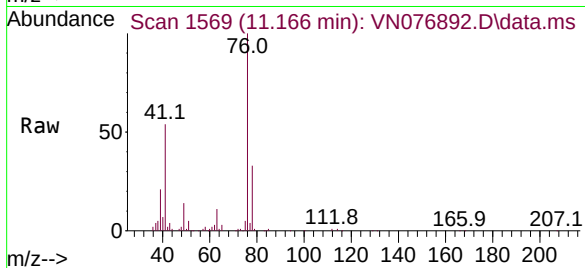
VN0309WBS01

Tgt Ion: 76 Resp: 218236

Ion Ratio Lower Upper

76 100

78 33.6 0.0 65.4



#53

Dibromochloromethane

Concen: 20.239 ug/l

RT: 11.360 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VN076892.D

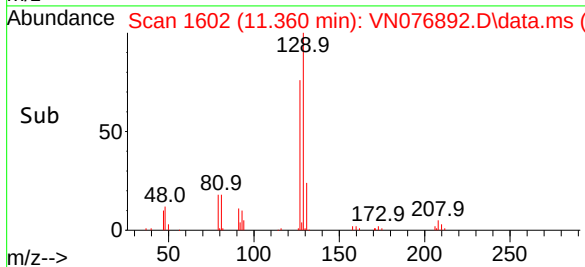
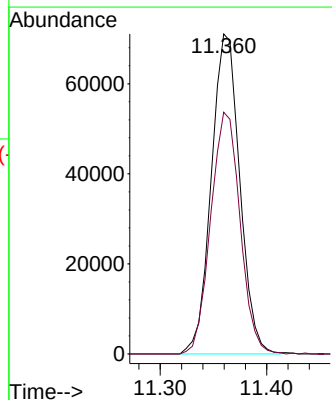
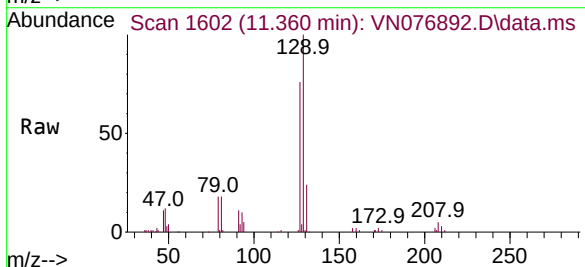
Acq: 09 Mar 2023 10:26

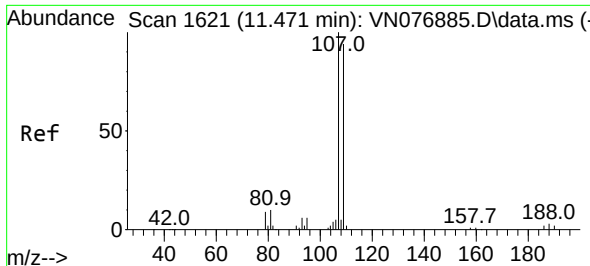
Tgt Ion: 129 Resp: 131931

Ion Ratio Lower Upper

129 100

127 77.8 39.4 118.1

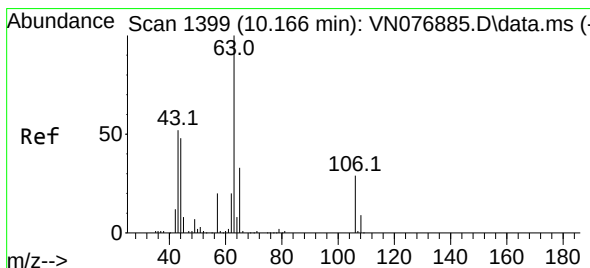
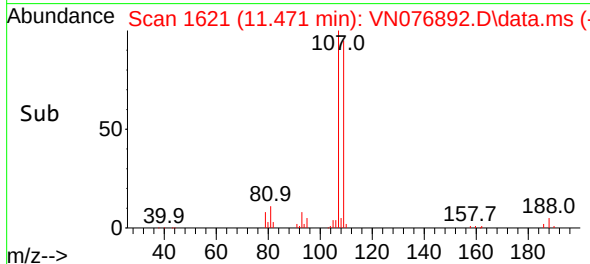
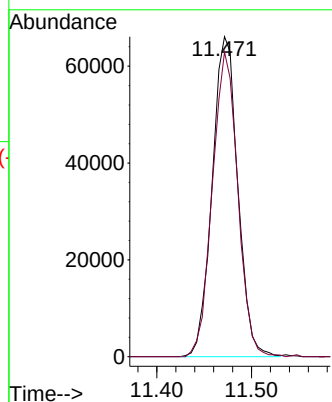
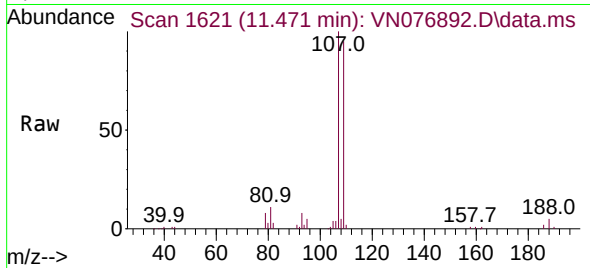




#54
1,2-Dibromoethane
Concen: 20.120 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

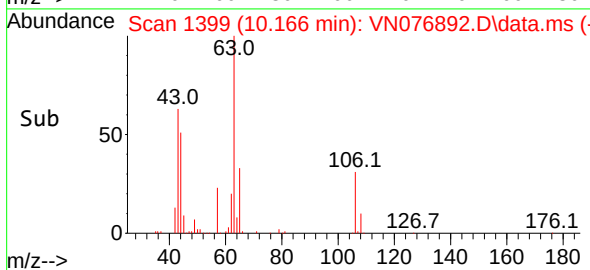
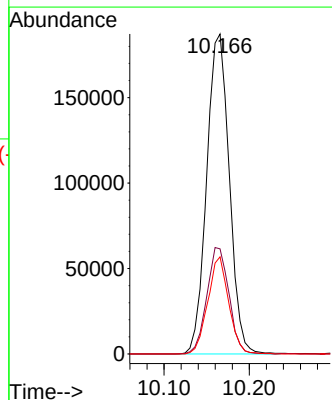
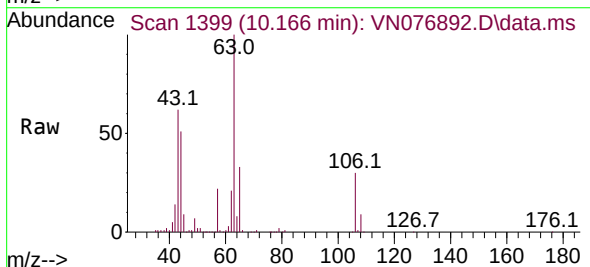
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

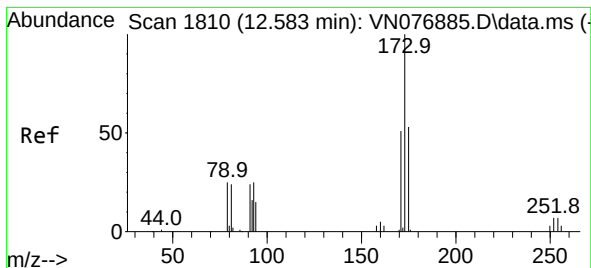
Tgt Ion:107 Resp: 124057
Ion Ratio Lower Upper
107 100
109 94.4 74.6 112.0



#55
2-Chloroethyl vinyl ether
Concen: 104.687 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 63 Resp: 345751
Ion Ratio Lower Upper
63 100
65 32.4 26.3 39.5
106 28.1 21.6 32.4

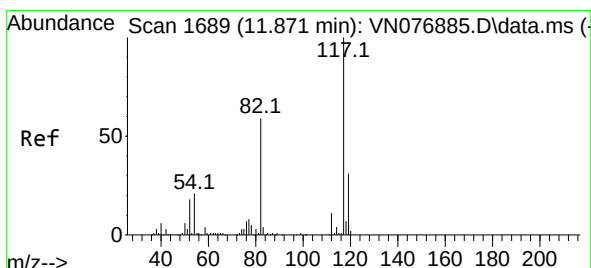
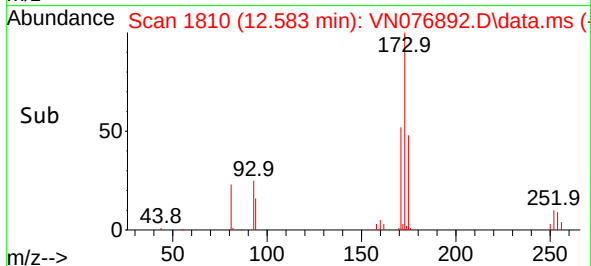
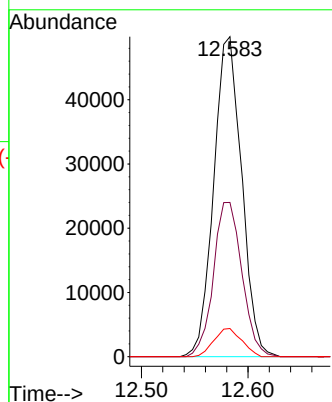
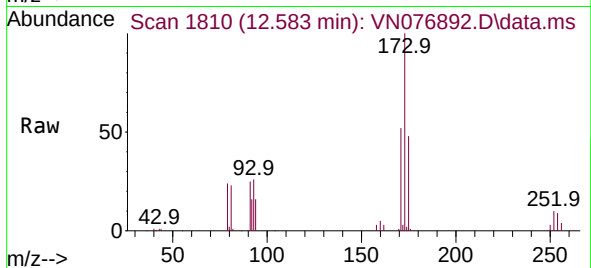




#56
Bromoform
Concen: 20.803 ug/l
RT: 12.583 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

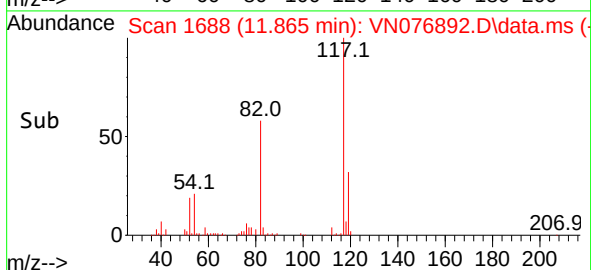
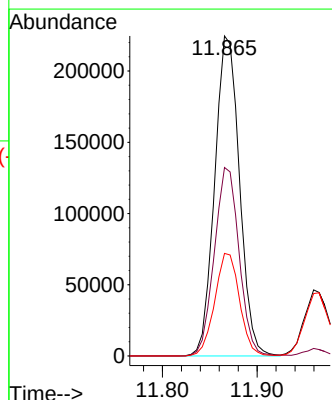
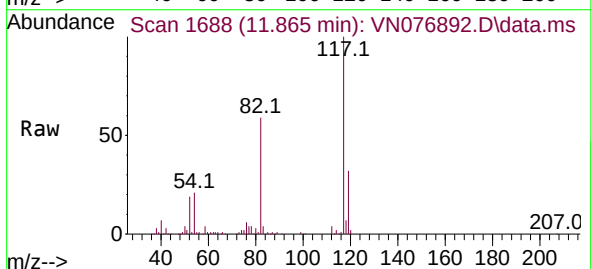
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

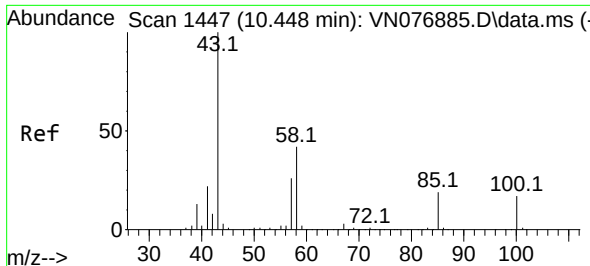
Tgt Ion:173 Resp: 90723
Ion Ratio Lower Upper
173 100
175 49.1 37.8 56.6
254 8.8 7.3 10.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion:117 Resp: 408887
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.0
119 32.1 26.8 40.2

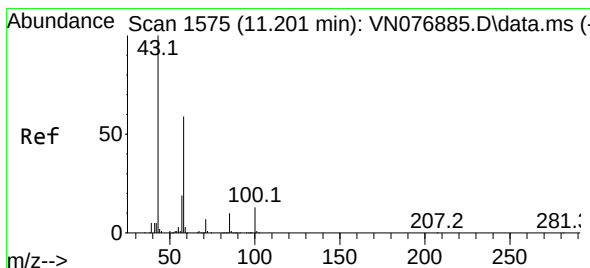
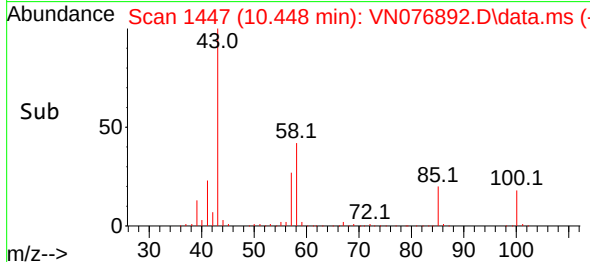
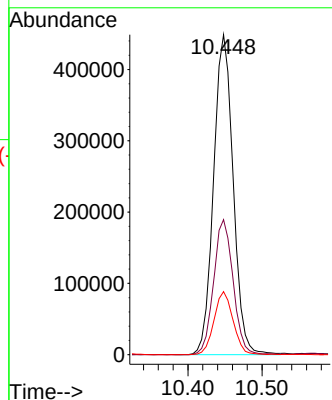
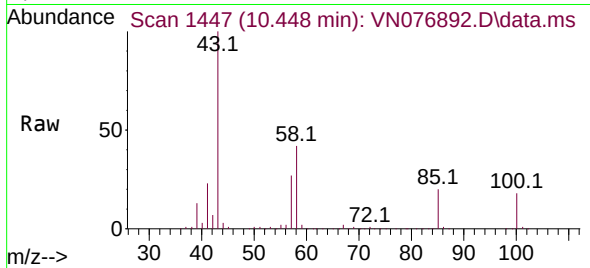




#58
4-Methyl-2-Pentanone
Concen: 99.803 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

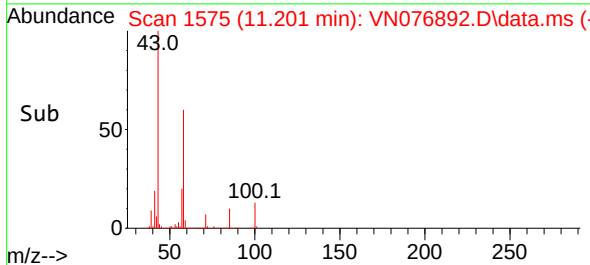
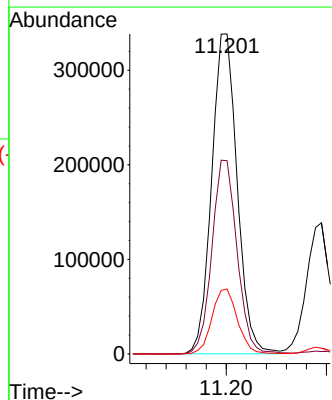
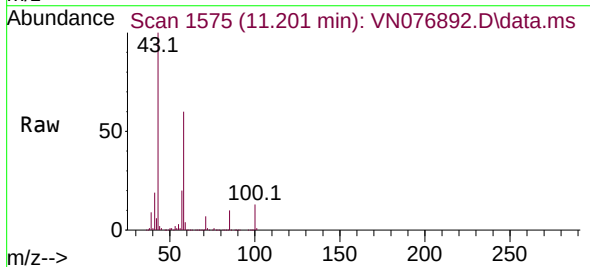
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

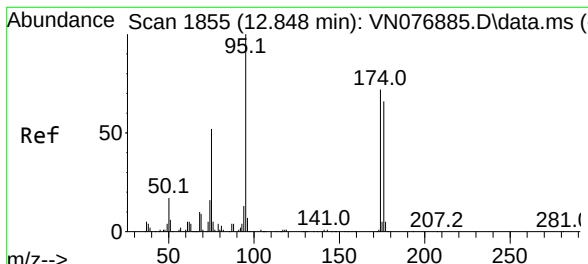
Tgt Ion: 43 Resp: 824376
Ion Ratio Lower Upper
43 100
58 41.9 28.6 42.8
85 19.2 11.8 17.8#



#59
2-Hexanone
Concen: 101.975 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 43 Resp: 598365
Ion Ratio Lower Upper
43 100
58 59.8 40.6 60.8
57 20.3 13.1 19.7#



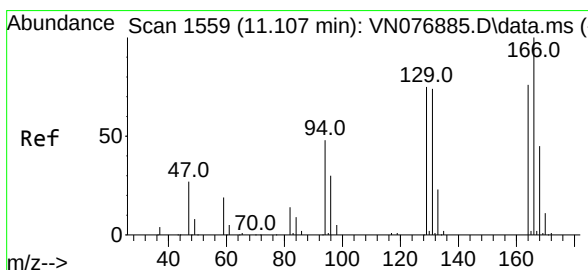
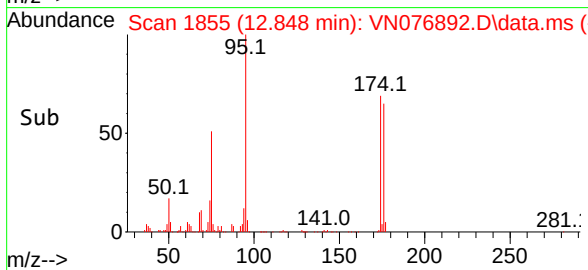
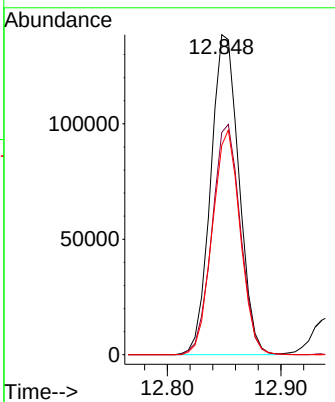
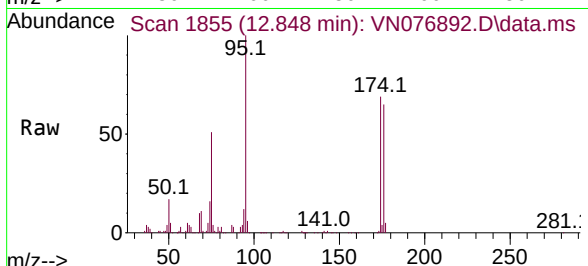


#60
4-Bromofluorobenzene
Concen: 30.927 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion: 95 Resp: 239335

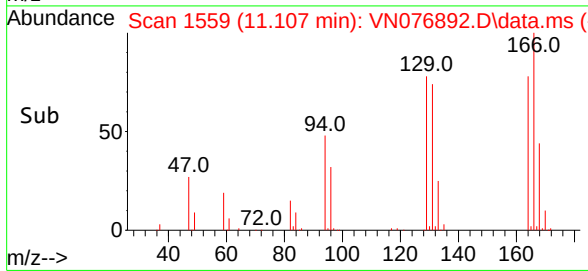
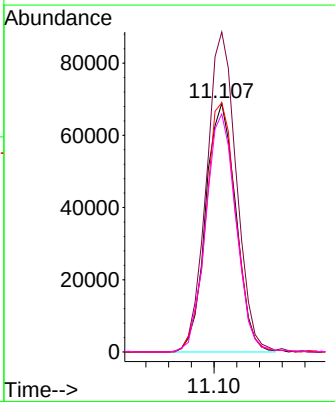
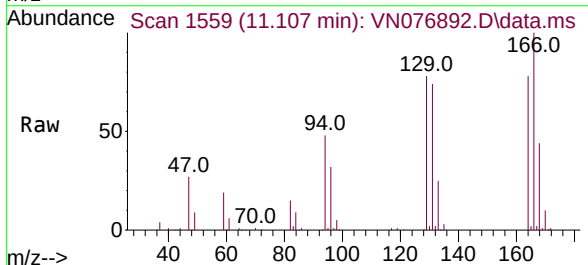
Ion	Ratio	Lower	Upper
95	100		
174	72.5	64.2	96.4
176	69.4	61.4	92.0

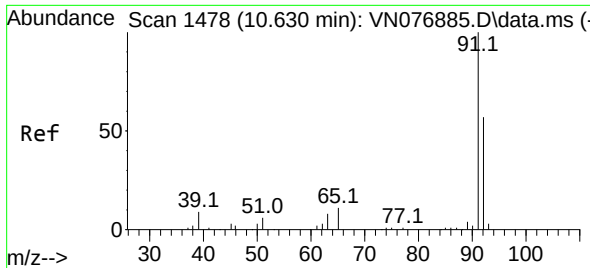


#61
Tetrachloroethene
Concen: 19.732 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 164 Resp: 127367

Ion	Ratio	Lower	Upper
164	100		
166	128.4	96.2	144.2
129	99.9	78.2	117.4
131	95.4	68.3	102.5

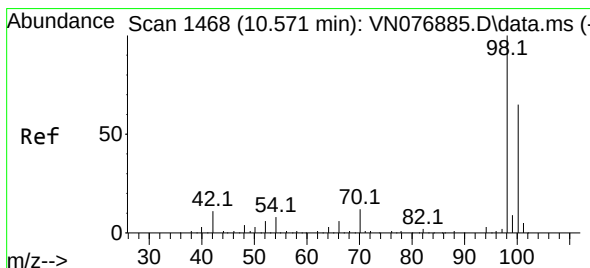
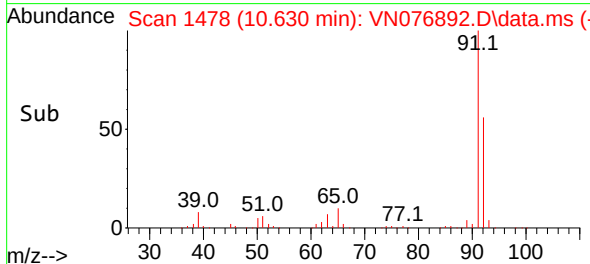
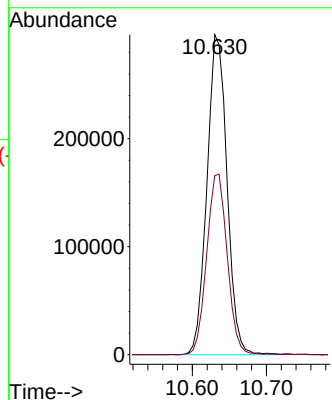
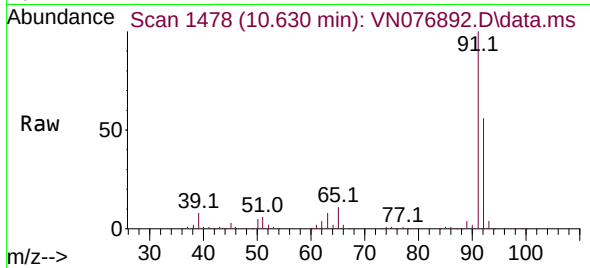




#62
Toluene
Concen: 19.763 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

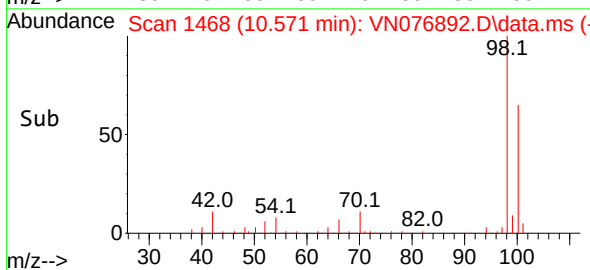
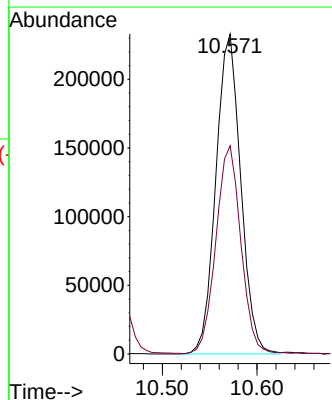
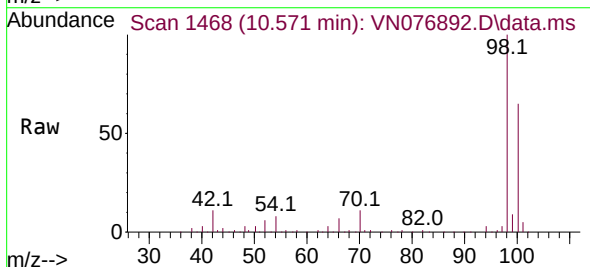
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

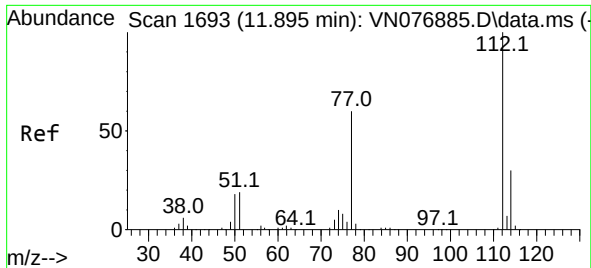
Tgt Ion: 91 Resp: 556813
Ion Ratio Lower Upper
91 100
92 57.8 46.3 69.5



#63
Toluene-d8
Concen: 29.552 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 98 Resp: 425004
Ion Ratio Lower Upper
98 100
100 65.6 53.8 80.6

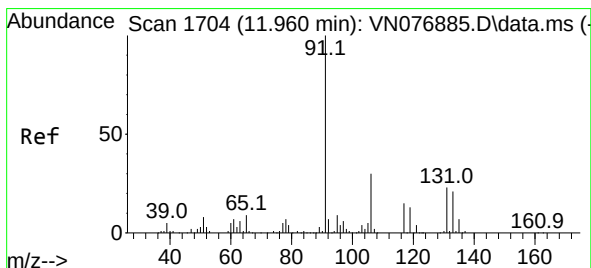
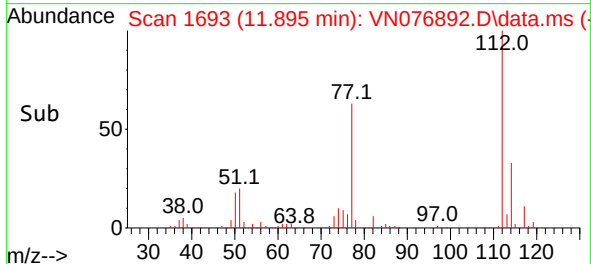
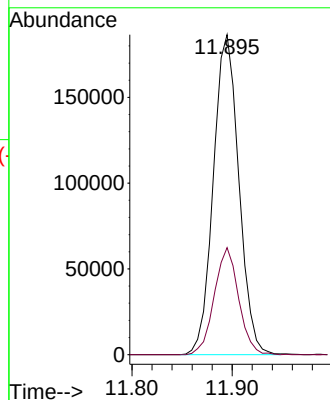
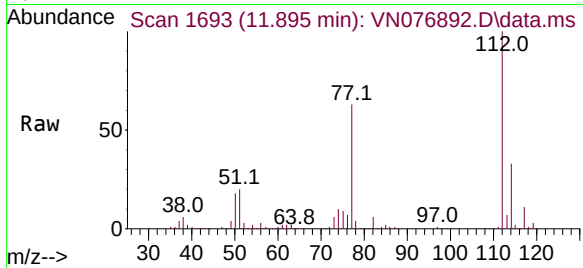




#64
Chlorobenzene
Concen: 19.881 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

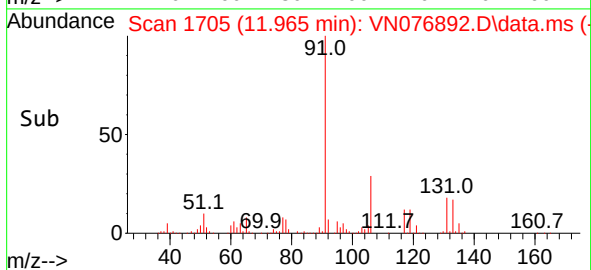
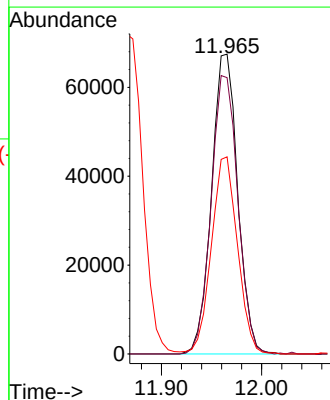
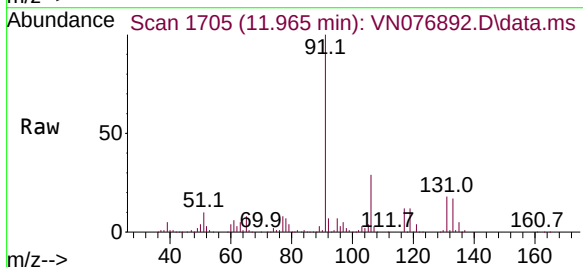
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

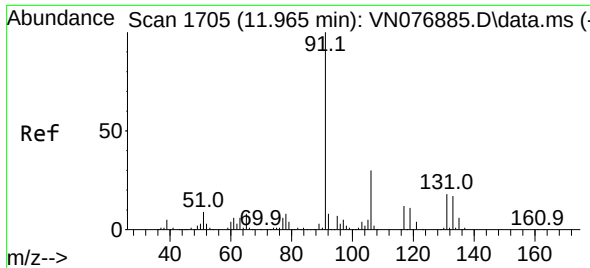
Tgt Ion:112 Resp: 329724
Ion Ratio Lower Upper
112 100
114 33.4 24.5 36.7



#65
1,1,1,2-Tetrachloroethane
Concen: 19.656 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion:131 Resp: 122443
Ion Ratio Lower Upper
131 100
133 94.8 0.0 197.6
119 64.9 0.0 127.8

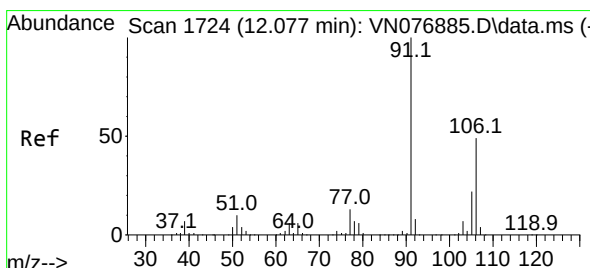
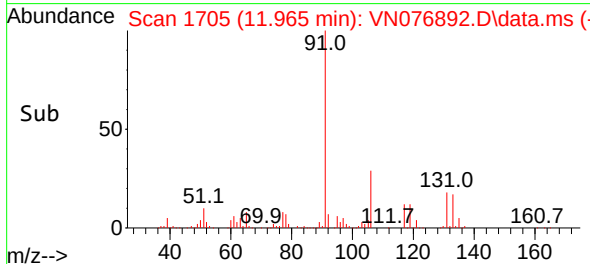
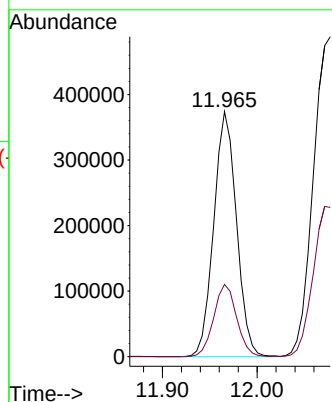
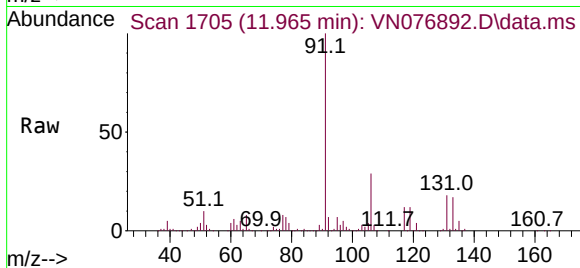




#66
Ethyl Benzene
Concen: 20.382 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

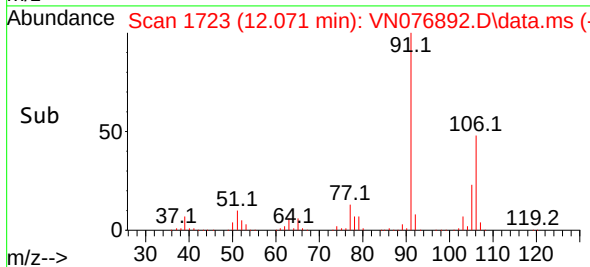
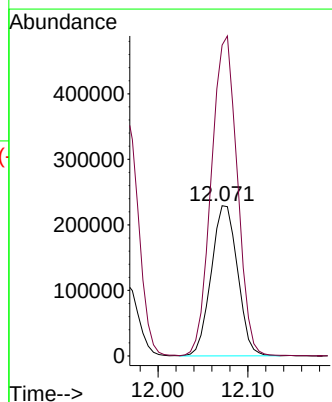
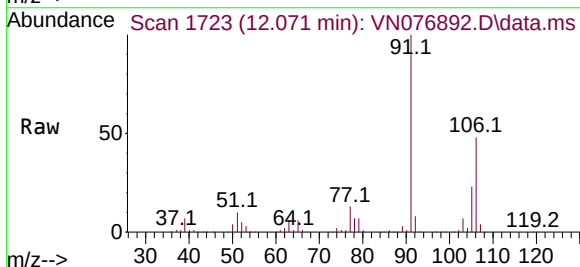
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

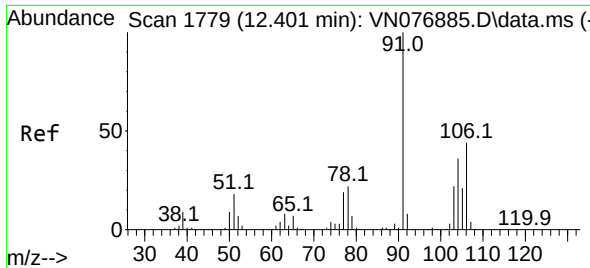
Tgt Ion: 91 Resp: 623468
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#67
m/p-Xylenes
Concen: 40.381 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion:106 Resp: 467897
Ion Ratio Lower Upper
106 100
91 210.0 157.4 236.2

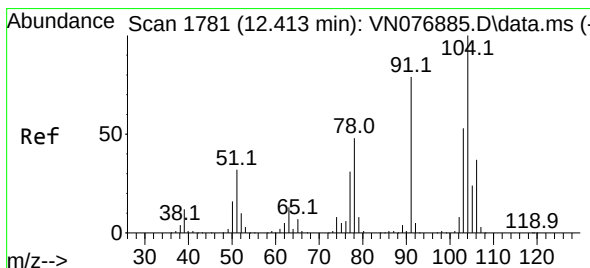
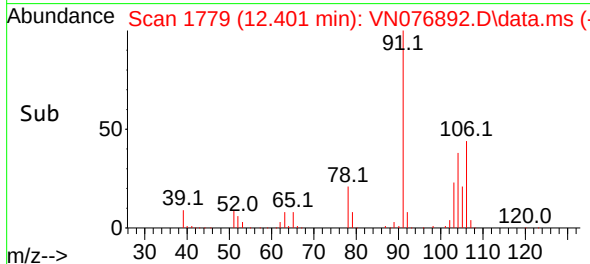
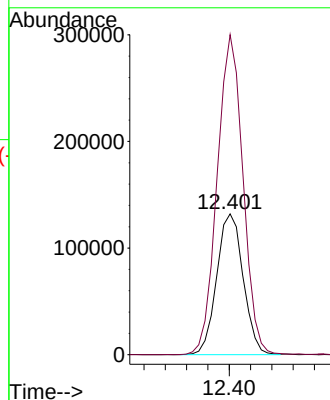
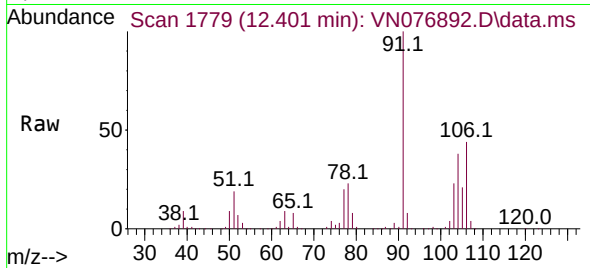




#68
o-Xylene
Concen: 20.116 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

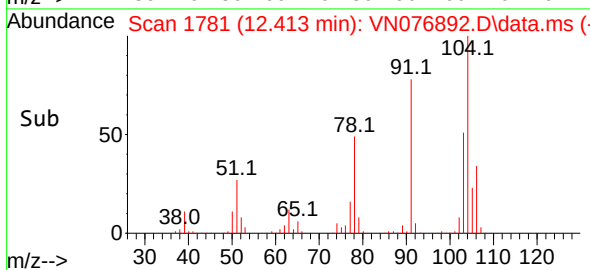
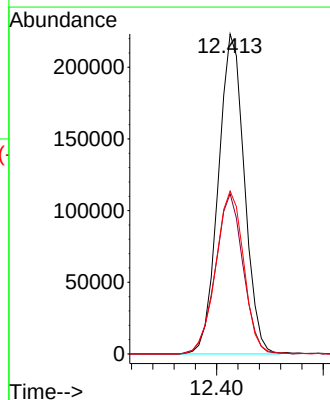
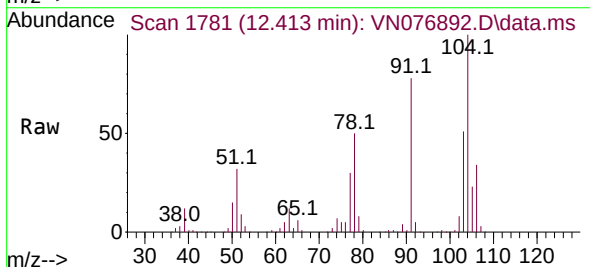
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

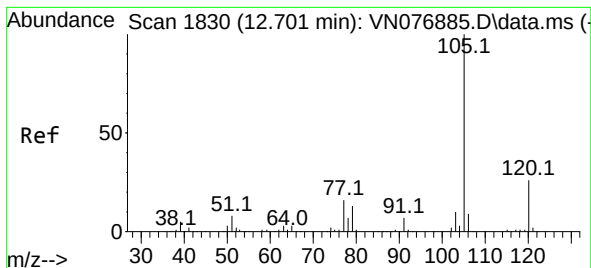
Tgt Ion:106 Resp: 227561
Ion Ratio Lower Upper
106 100
91 222.2 107.2 321.6



#69
Styrene
Concen: 20.653 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion:104 Resp: 378918
Ion Ratio Lower Upper
104 100
78 53.1 39.6 59.4
103 54.8 43.9 65.9





#70

Isopropylbenzene

Concen: 20.281 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

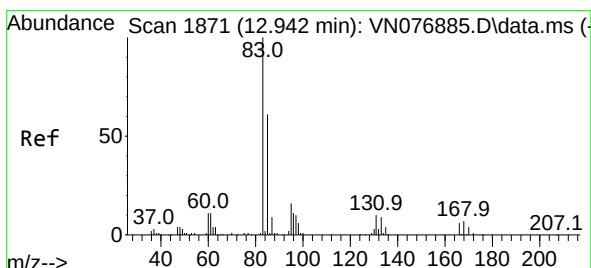
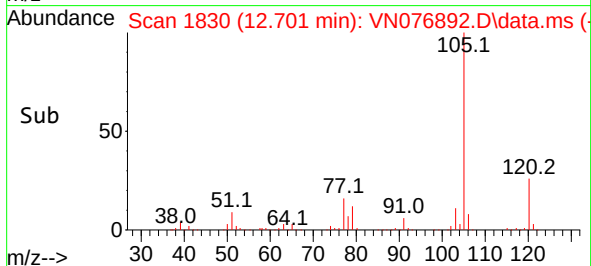
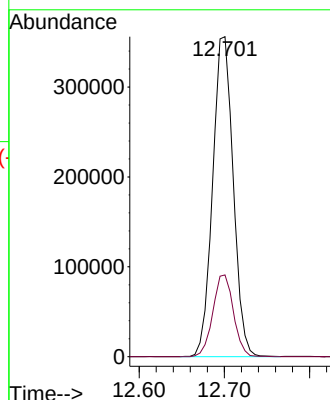
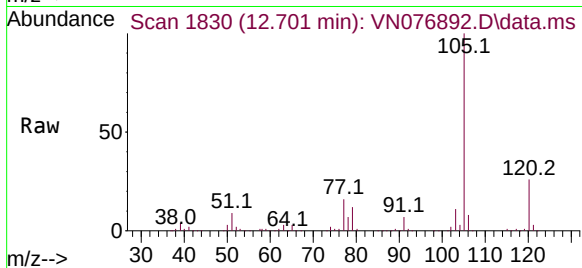
VN0309WBS01

Tgt Ion:105 Resp: 596957

Ion Ratio Lower Upper

105 100

120 25.6 19.0 35.2



#71

1,1,2,2-Tetrachloroethane

Concen: 19.480 ug/l

RT: 12.936 min Scan# 1870

Delta R.T. -0.006 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

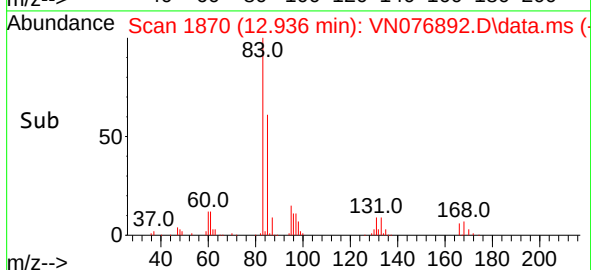
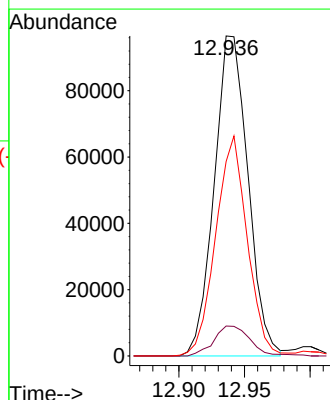
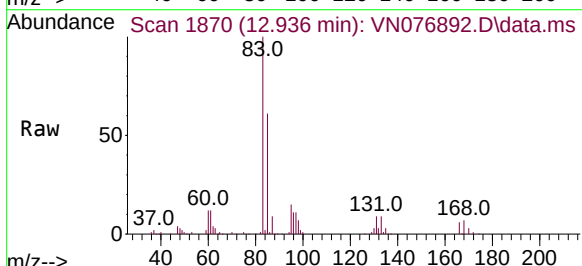
Tgt Ion: 83 Resp: 172878

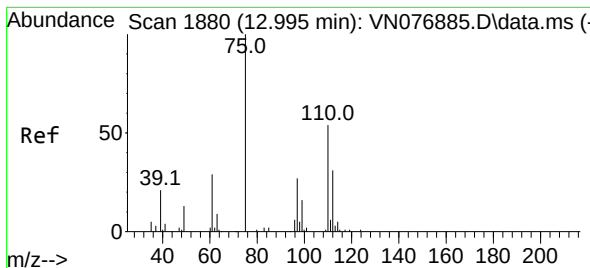
Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 64.2 32.3 96.9

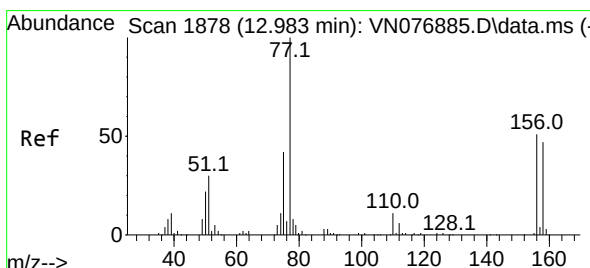
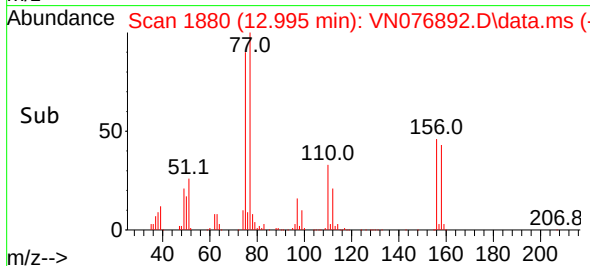
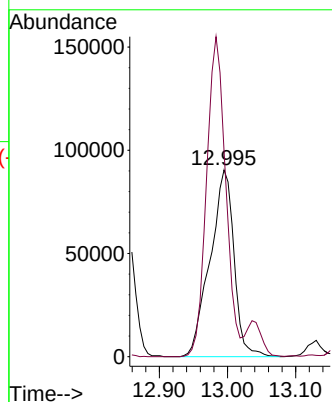
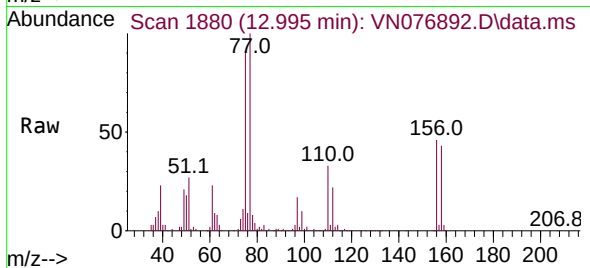




#72
1,2,3-Trichloropropane
Concen: 27.190 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

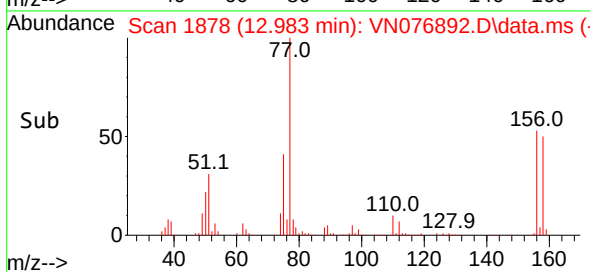
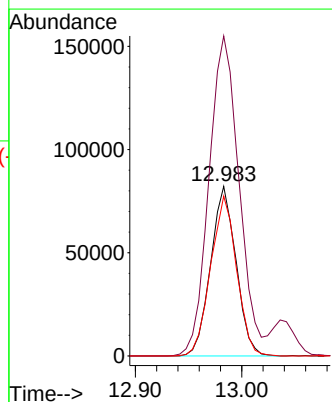
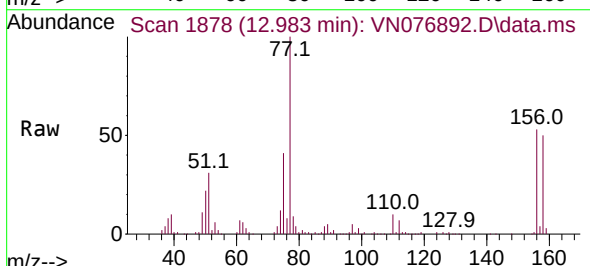
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

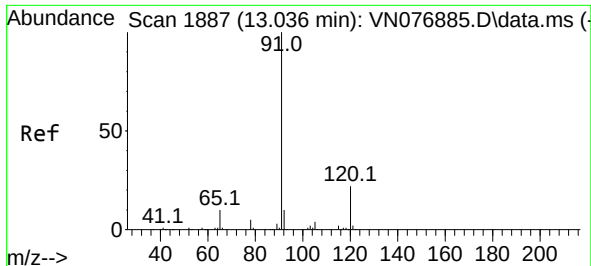
Tgt Ion: 75 Resp: 221362
Ion Ratio Lower Upper
75 100
77 136.7 0.0 332.6



#73
Bromobenzene
Concen: 20.487 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion:156 Resp: 136077
Ion Ratio Lower Upper
156 100
77 222.4 0.0 423.0
158 96.2 0.0 188.6

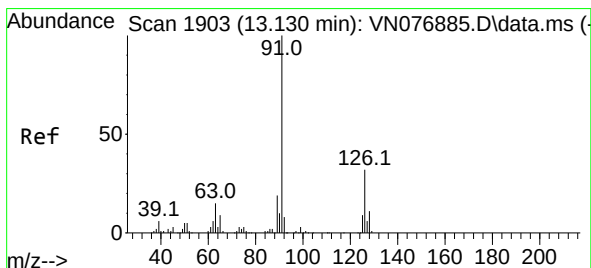
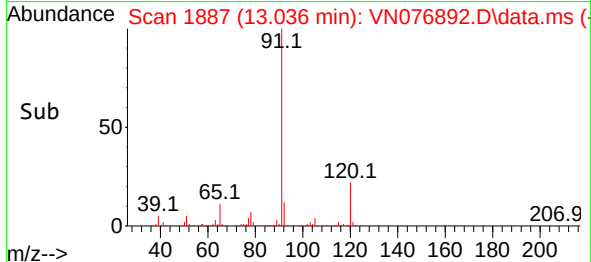
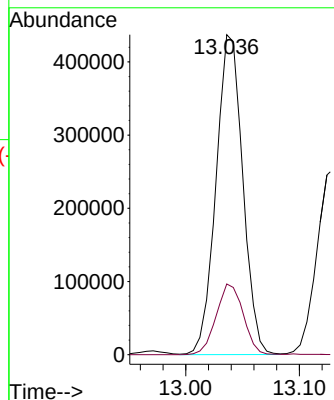
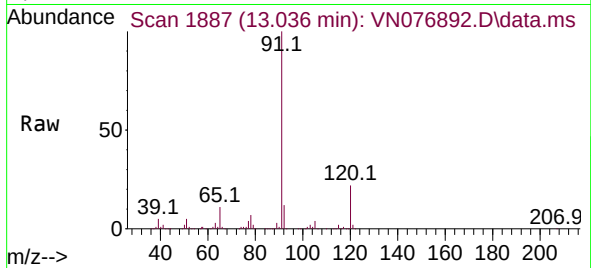




#74
n-propylbenzene
Concen: 20.602 ug/l
RT: 13.036 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

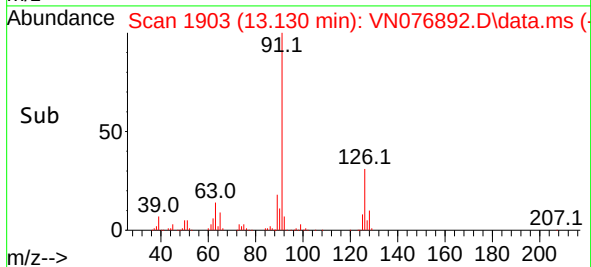
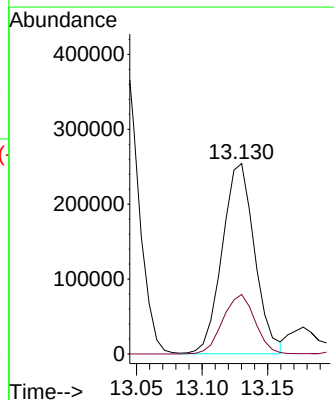
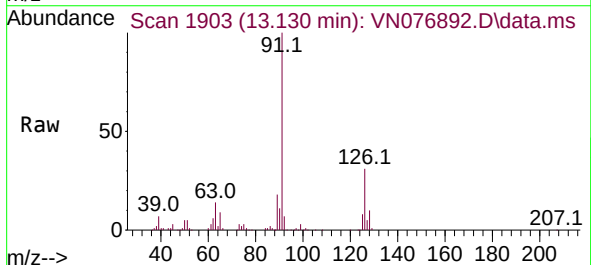
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

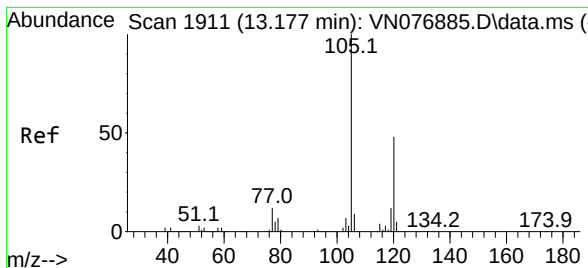
Tgt Ion: 91 Resp: 715766
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.0



#75
2-Chlorotoluene
Concen: 20.388 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 91 Resp: 438056
Ion Ratio Lower Upper
91 100
126 30.9 0.0 66.4





#76

1,3,5-Trimethylbenzene

Concen: 20.847 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

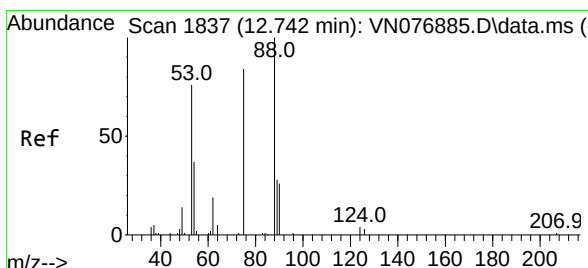
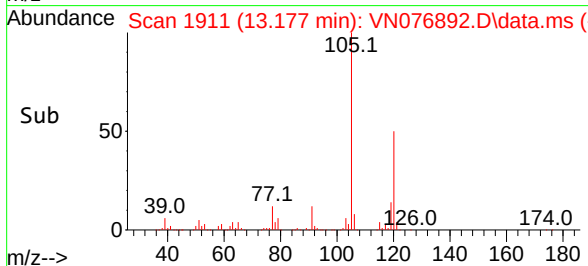
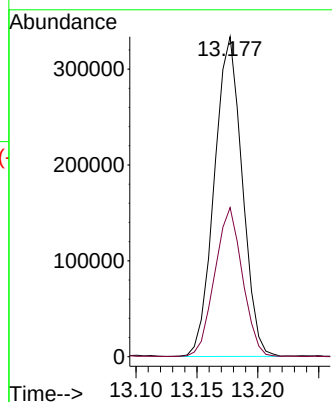
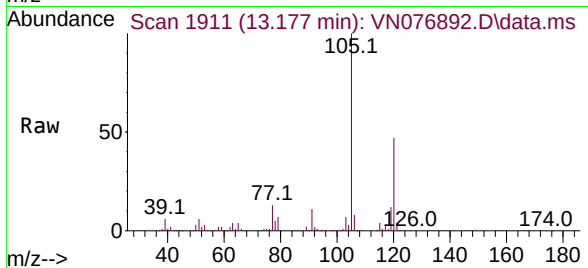
VN0309WBS01

Tgt Ion:105 Resp: 531116

Ion Ratio Lower Upper

105 100

120 46.3 0.0 103.2



#77

t-1,4-Dichloro-2-butene

Concen: 22.217 ug/l

RT: 12.736 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

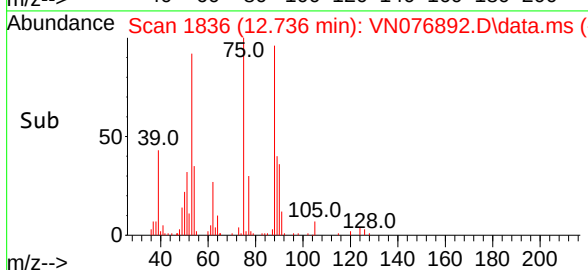
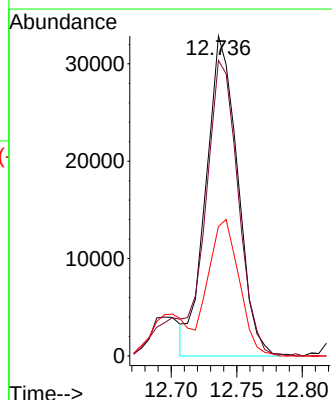
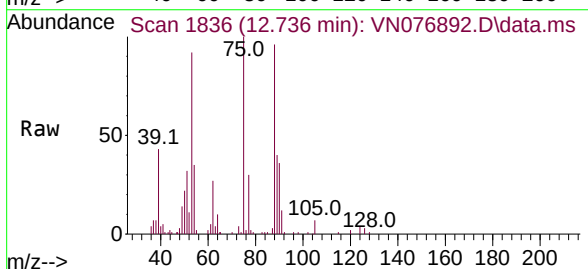
Tgt Ion: 75 Resp: 55214

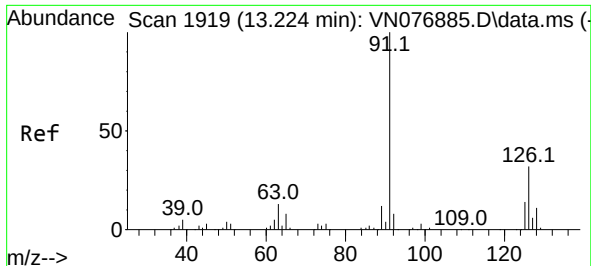
Ion Ratio Lower Upper

75 100

53 92.2 50.4 151.3

89 40.6 22.1 66.5

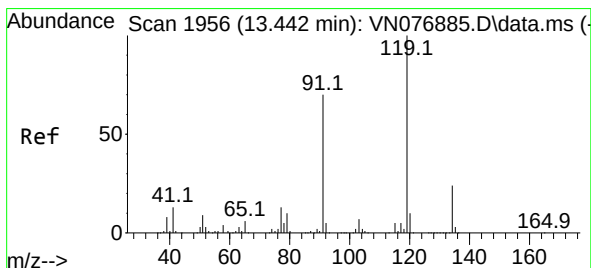
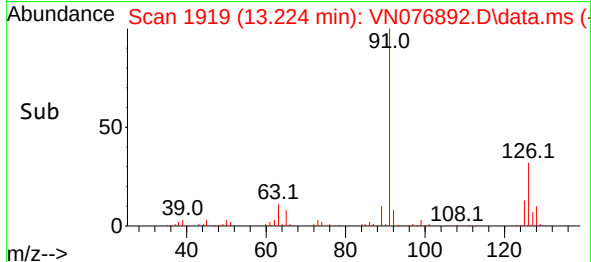
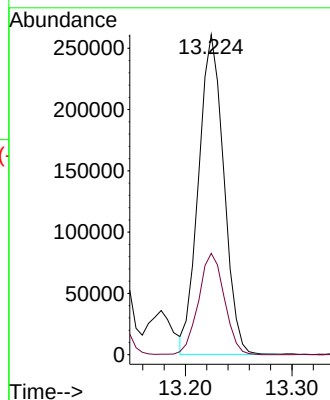
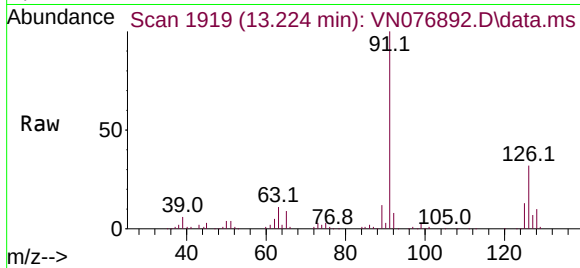




#78
4-Chlorotoluene
Concen: 20.734 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

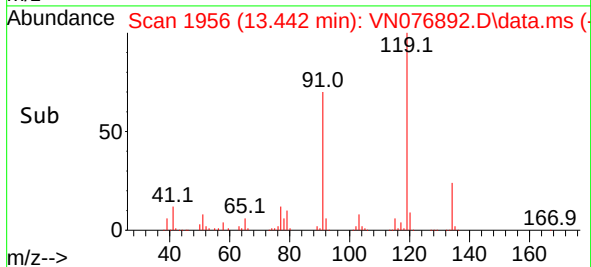
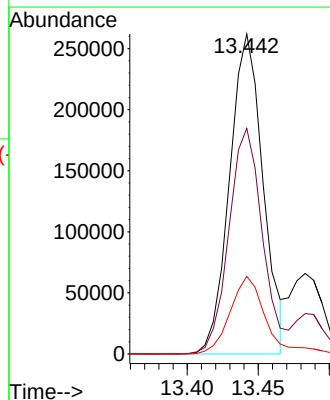
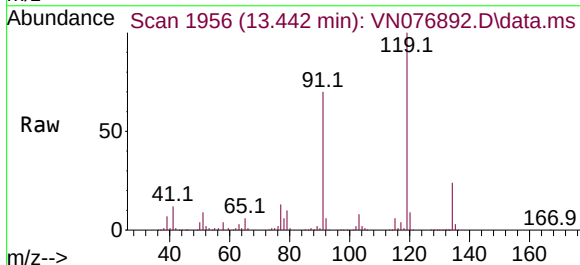
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

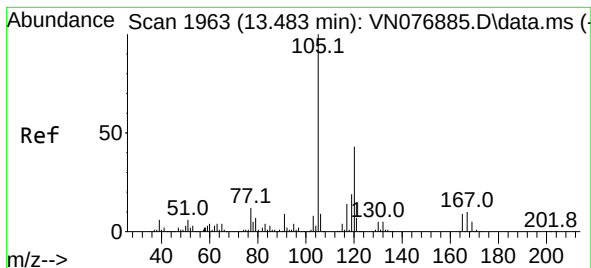
Tgt Ion: 91 Resp: 429436
Ion Ratio Lower Upper
91 100
126 32.4 0.0 70.6



#79
tert-butylbenzene
Concen: 20.136 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 119 Resp: 429000
Ion Ratio Lower Upper
119 100
91 71.4 0.0 129.6
134 25.8 0.0 47.8

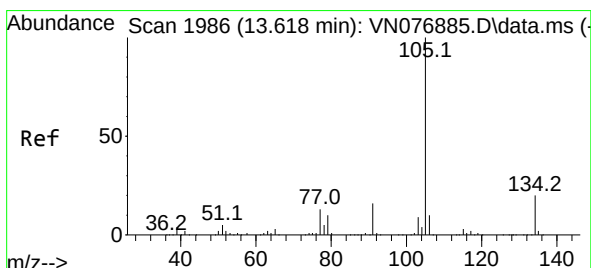
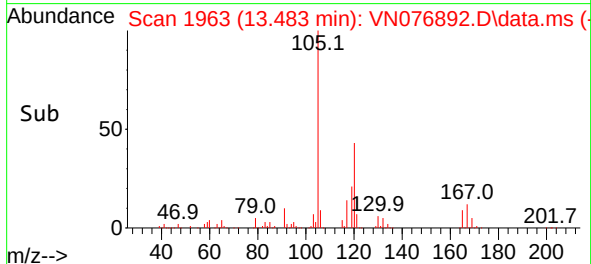
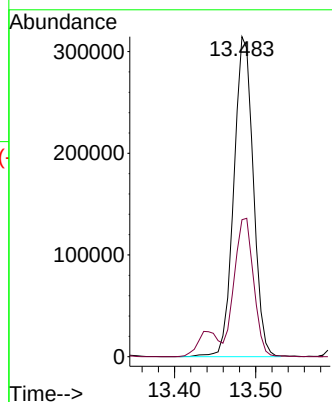
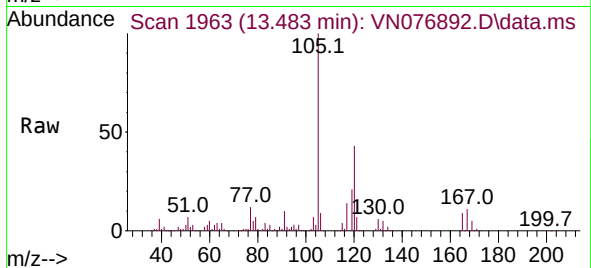




#80
1,2,4-Trimethylbenzene
Concen: 20.883 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

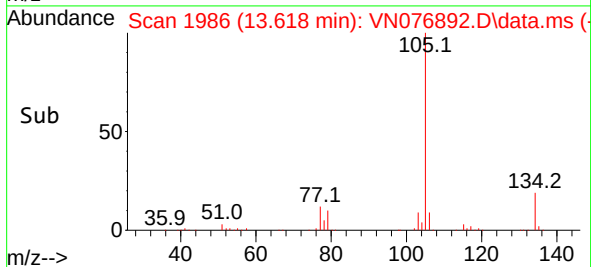
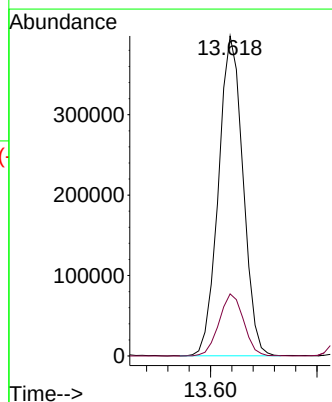
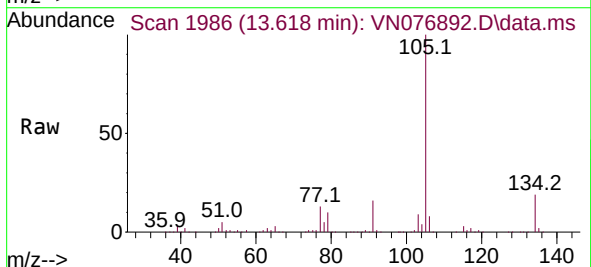
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

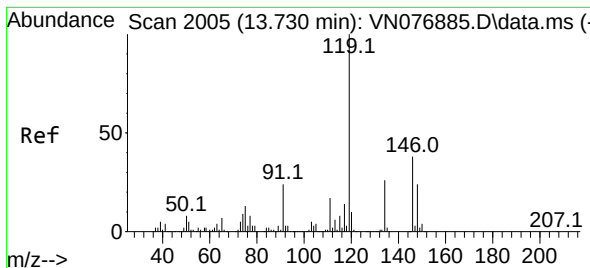
Tgt Ion:105 Resp: 522841
Ion Ratio Lower Upper
105 100
120 43.0 0.0 93.2



#81
sec-Butylbenzene
Concen: 20.824 ug/l
RT: 13.618 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion:105 Resp: 634744
Ion Ratio Lower Upper
105 100
134 19.5 0.0 39.4





#82

p-Isopropyltoluene

Concen: 21.312 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBS01

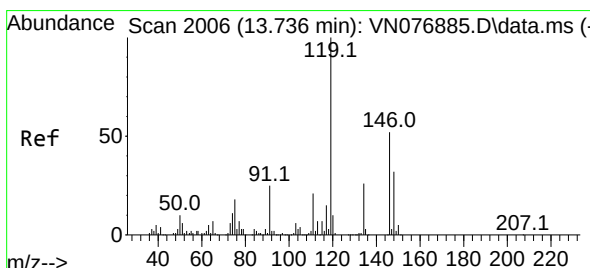
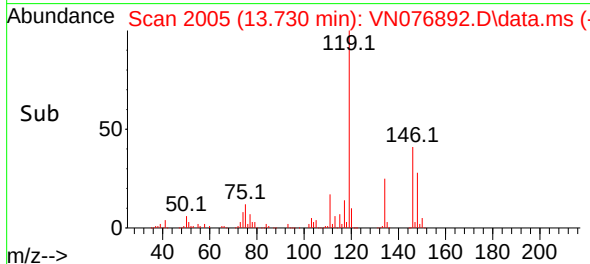
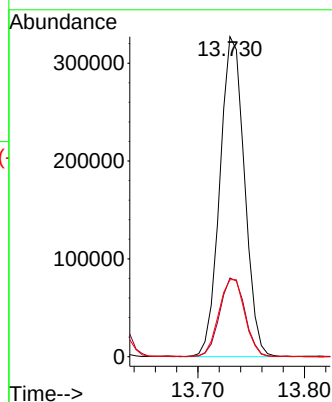
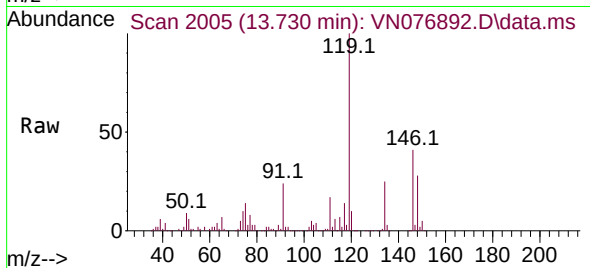
Tgt Ion:119 Resp: 525043

Ion Ratio Lower Upper

119 100

134 25.3 0.0 53.4

91 25.4 0.0 47.2



#83

1,3-Dichlorobenzene

Concen: 20.650 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

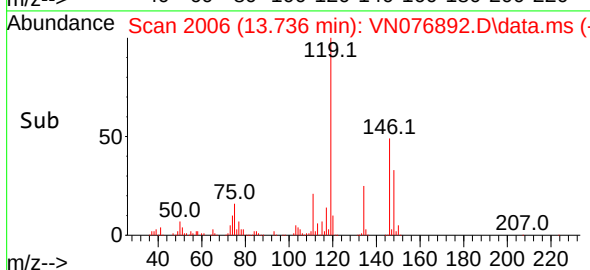
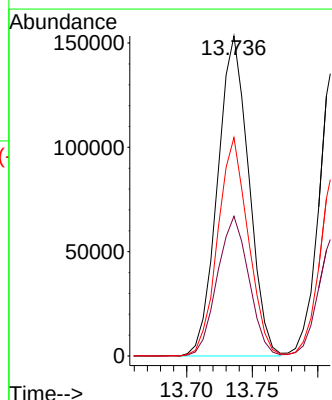
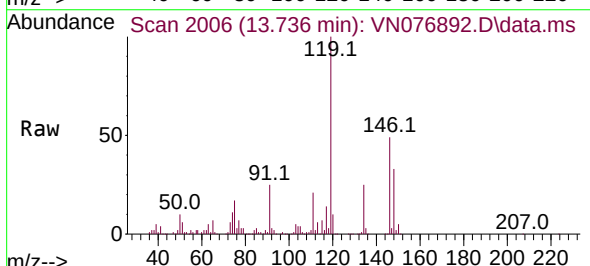
Tgt Ion:146 Resp: 253779

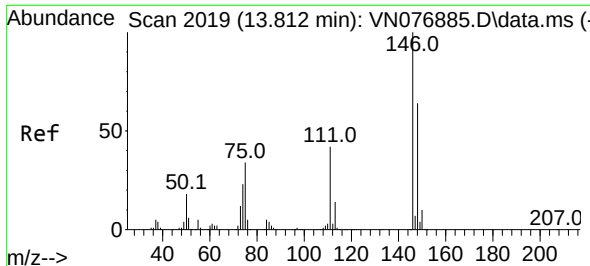
Ion Ratio Lower Upper

146 100

111 44.1 20.3 60.8

148 66.7 31.9 95.5

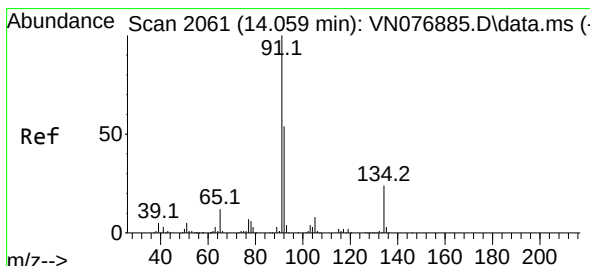
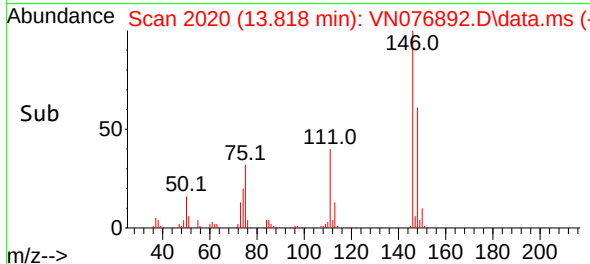
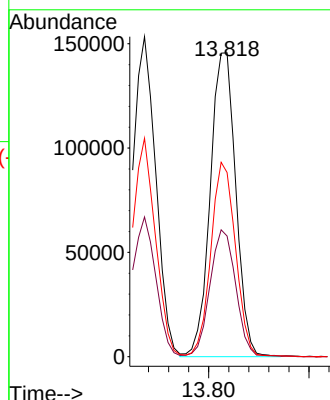
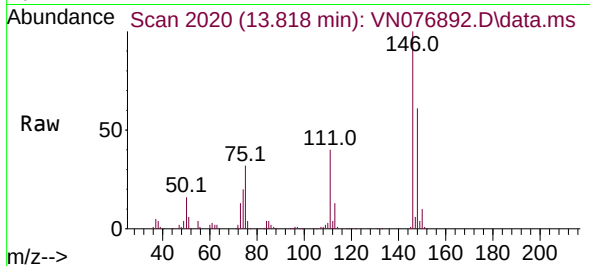




#84
1,4-Dichlorobenzene
Concen: 21.577 ug/l
RT: 13.818 min Scan# 2019
Delta R.T. 0.005 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

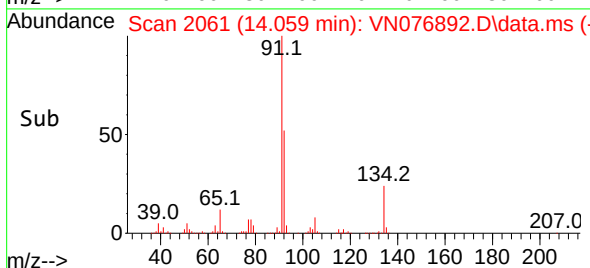
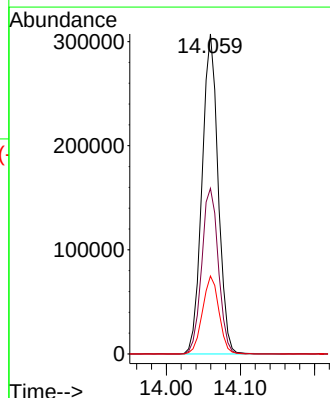
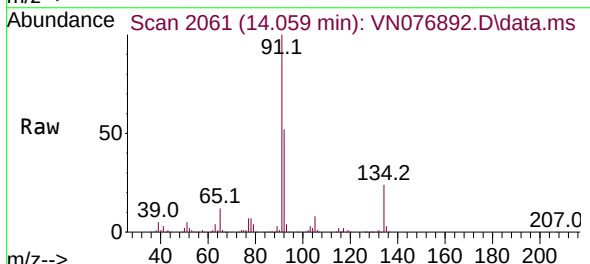
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

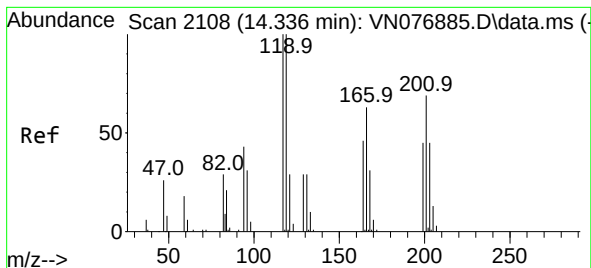
Tgt Ion:146 Resp: 257590
Ion Ratio Lower Upper
146 100
111 41.0 18.2 54.6
148 61.0 31.1 93.2



#85
n-Butylbenzene
Concen: 22.253 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 91 Resp: 464682
Ion Ratio Lower Upper
91 100
92 53.5 0.0 103.2
134 24.8 0.0 50.0





#86

Hexachloroethane

Concen: 20.201 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

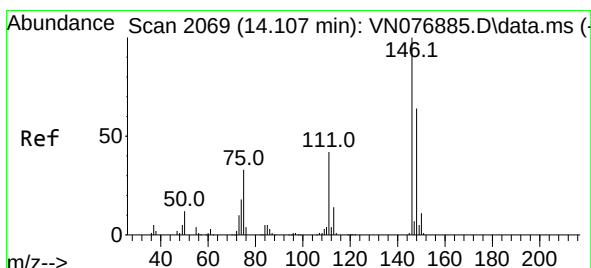
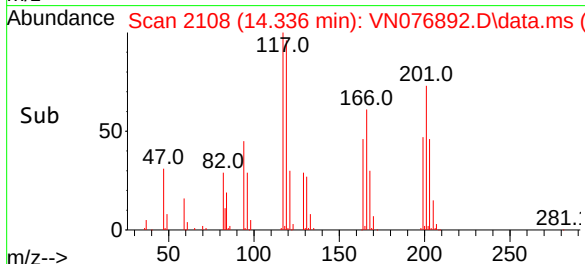
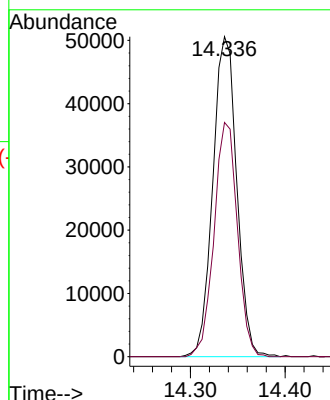
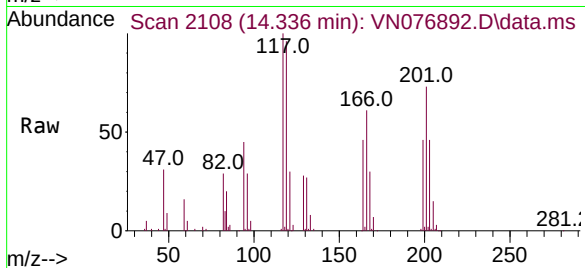
VN0309WBS01

Tgt Ion:117 Resp: 88857

Ion Ratio Lower Upper

117 100

201 71.3 32.2 96.6



#87

1,2-Dichlorobenzene

Concen: 20.381 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

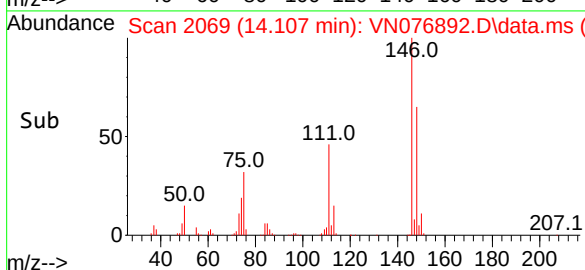
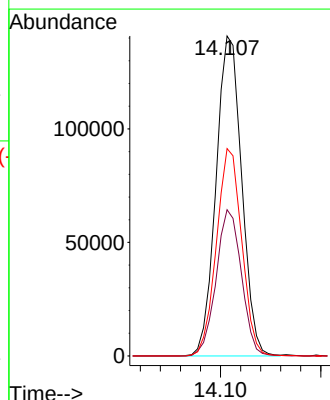
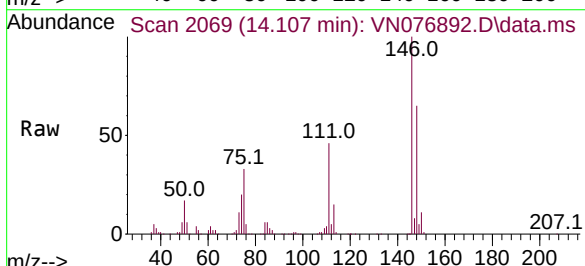
Tgt Ion:146 Resp: 249780

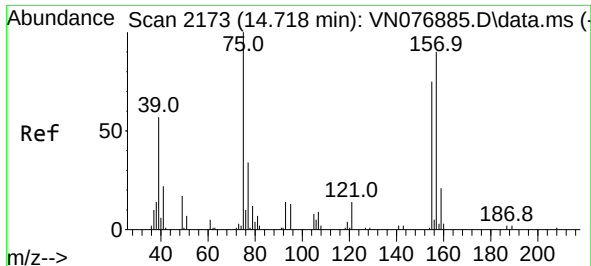
Ion Ratio Lower Upper

146 100

111 45.0 20.5 61.6

148 63.9 32.5 97.5

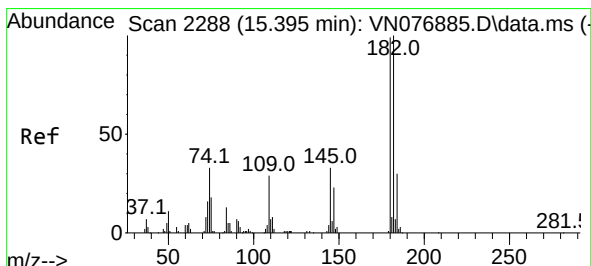
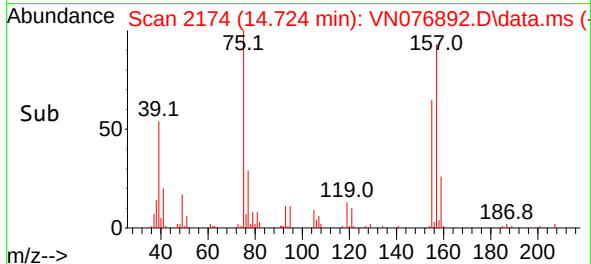
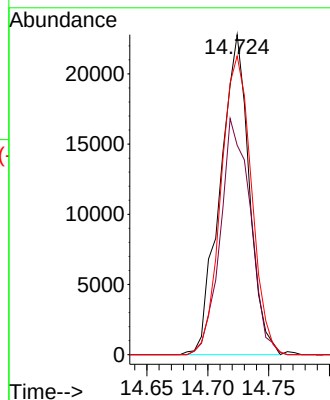
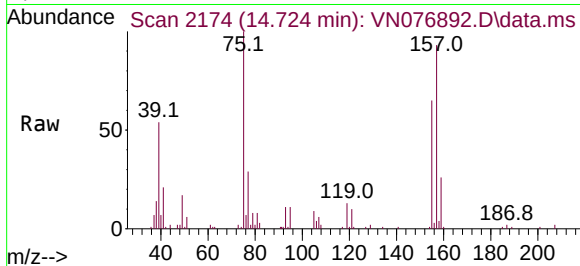




#88
1,2-Dibromo-3-Chloropropane
Concen: 21.944 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

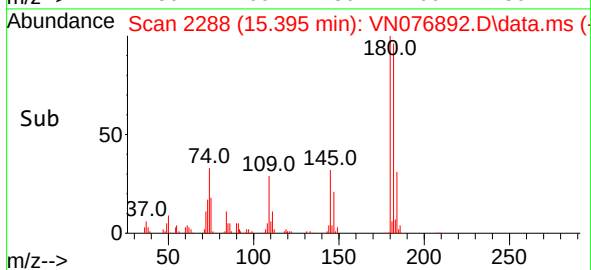
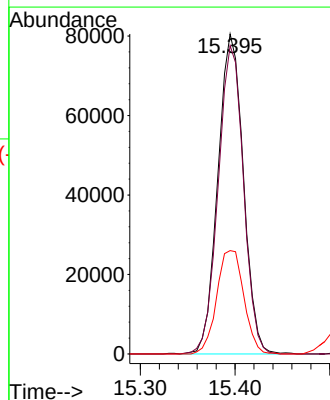
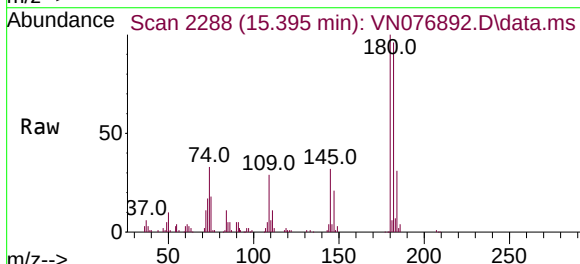
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

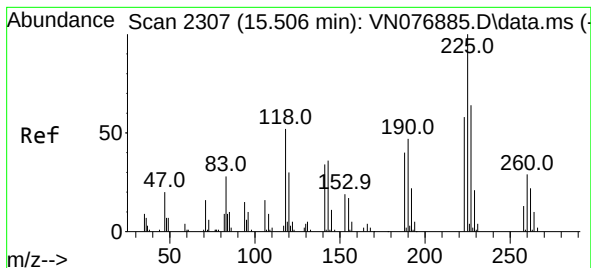
Tgt Ion: 75 Resp: 37932
Ion Ratio Lower Upper
75 100
155 76.1 62.5 93.7
157 97.4 77.5 116.3



#89
1,2,4-Trichlorobenzene
Concen: 23.013 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076892.D
Acq: 09 Mar 2023 10:26

Tgt Ion: 180 Resp: 150451
Ion Ratio Lower Upper
180 100
182 95.6 76.6 115.0
145 34.4 24.6 36.8





#90

Hexachlorobutadiene

Concen: 21.803 ug/l

RT: 15.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBS01

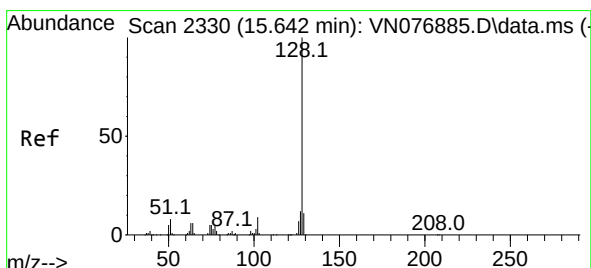
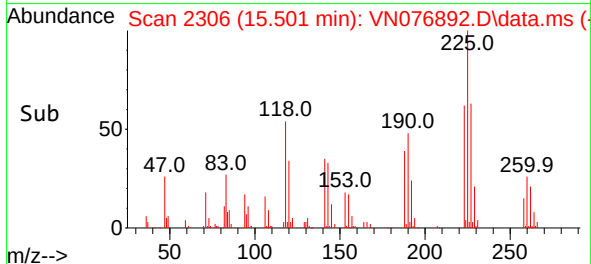
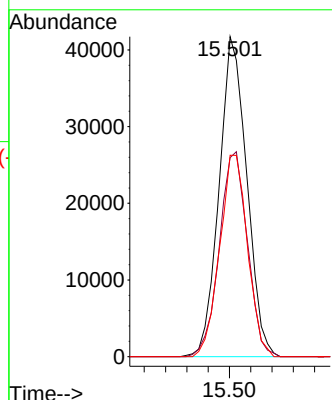
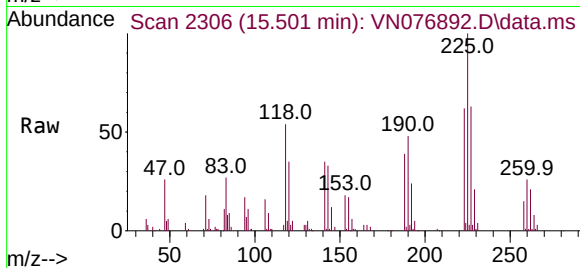
Tgt Ion:225 Resp: 75148

Ion Ratio Lower Upper

225 100

223 65.1 0.0 135.4

227 63.5 0.0 129.4



#91

Naphthalene

Concen: 22.144 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076892.D

Acq: 09 Mar 2023 10:26

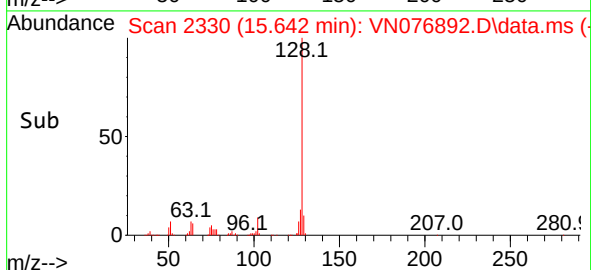
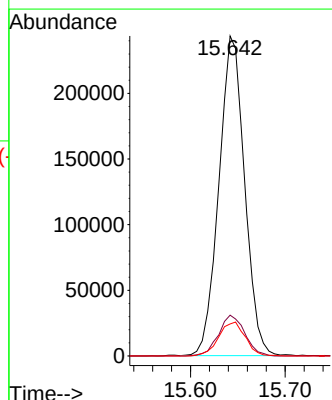
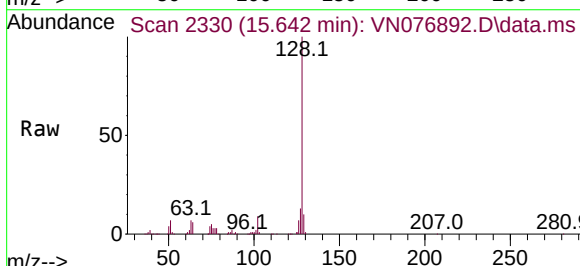
Tgt Ion:128 Resp: 459163

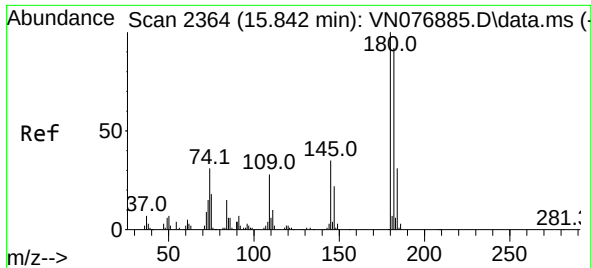
Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.6

129 11.0 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 22.649 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076892.D
 Acq: 09 Mar 2023 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Tgt Ion:180 Resp: 148443
 Ion Ratio Lower Upper
 180 100
 182 94.4 0.0 190.8
 145 34.9 0.0 65.0

