

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078853.D
 Acq On : 11 Aug 2023 09:23
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 12 01:38:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	28898	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	163798	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	144198	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	76092	32.706	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.033%	
60) 4-Bromofluorobenzene	12.853	95	62237	30.748	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.500%	
63) Toluene-d8	10.571	98	217983	30.849	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.833%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	39203	19.681	ug/l	91
3) Chloromethane	2.371	50	51233	21.599	ug/l	99
4) Vinyl Chloride	2.524	62	48187	21.349	ug/l #	83
5) Bromomethane	2.971	94	31720	19.319	ug/l	89
6) Chloroethane	3.136	64	31857	19.869	ug/l	89
7) Trichlorofluoromethane	3.512	101	62054	20.031	ug/l	94
8) Diethyl Ether	3.971	74	23568	21.395	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	17833	10.731	ug/l	90
10) 1,1-Dichloroethene	4.353	96	32532	20.214	ug/l	84
11) Methyl Iodide	4.606	142	43294	20.166	ug/l	98
12) Methyl Acetate	5.036	43	68765	19.658	ug/l #	79
13) Acrolein	4.283	56	299	0.807	ug/l	99
14) Acrylonitrile	5.730	53	88545	96.067	ug/l	99
15) Acetone	4.436	58	34530	145.399	ug/l	90
16) Carbon Disulfide	4.724	76	93782	20.130	ug/l	99
17) Allyl chloride	5.024	41	55829	19.846	ug/l	84
18) Methylene Chloride	5.283	84	45035	22.424	ug/l	91
19) trans-1,2-Dichloroethene	5.800	96	37842	20.479	ug/l #	83
20) Diisopropyl ether	6.688	45	133267	21.096	ug/l #	88
21) 1,1-Dichloroethane	6.577	63	76694	21.294	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	42794	20.894	ug/l	91
23) tert-Butyl Alcohol	5.536	59	28991	84.646	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	108127	20.073	ug/l	93
25) Chloroform	7.971	83	74964	20.965	ug/l	96
26) Cyclohexane	8.265	56	58296	20.550	ug/l #	91
29) 1,1-Dichloropropene	8.377	75	54134	20.343	ug/l	98
30) 2-Butanone	7.488	43	142347	109.135	ug/l	93
31) 2,2-Dichloropropane	7.494	77	62926	22.932	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	64961	20.729	ug/l	95
33) Carbon Tetrachloride	8.371	117	54622	20.195	ug/l	95
34) Benzene	8.618	78	167312	20.663	ug/l	97
35) Methacrylonitrile	7.783	41	28557	18.645	ug/l	78
36) 1,2-Dichloroethane	8.677	62	60253	21.287	ug/l	98
37) Trichloroethene	9.359	130	41342	21.218	ug/l	91
38) Methylcyclohexane	9.606	83	49111	19.493	ug/l	88
39) 1,2-Dichloropropane	9.624	63	44376	20.714	ug/l	98
40) Dibromomethane	9.712	93	30095	21.097	ug/l	94
41) Bromodichloromethane	9.894	83	58088	20.209	ug/l #	89
42) Vinyl Acetate	6.612	43	413030	100.630	ug/l	94

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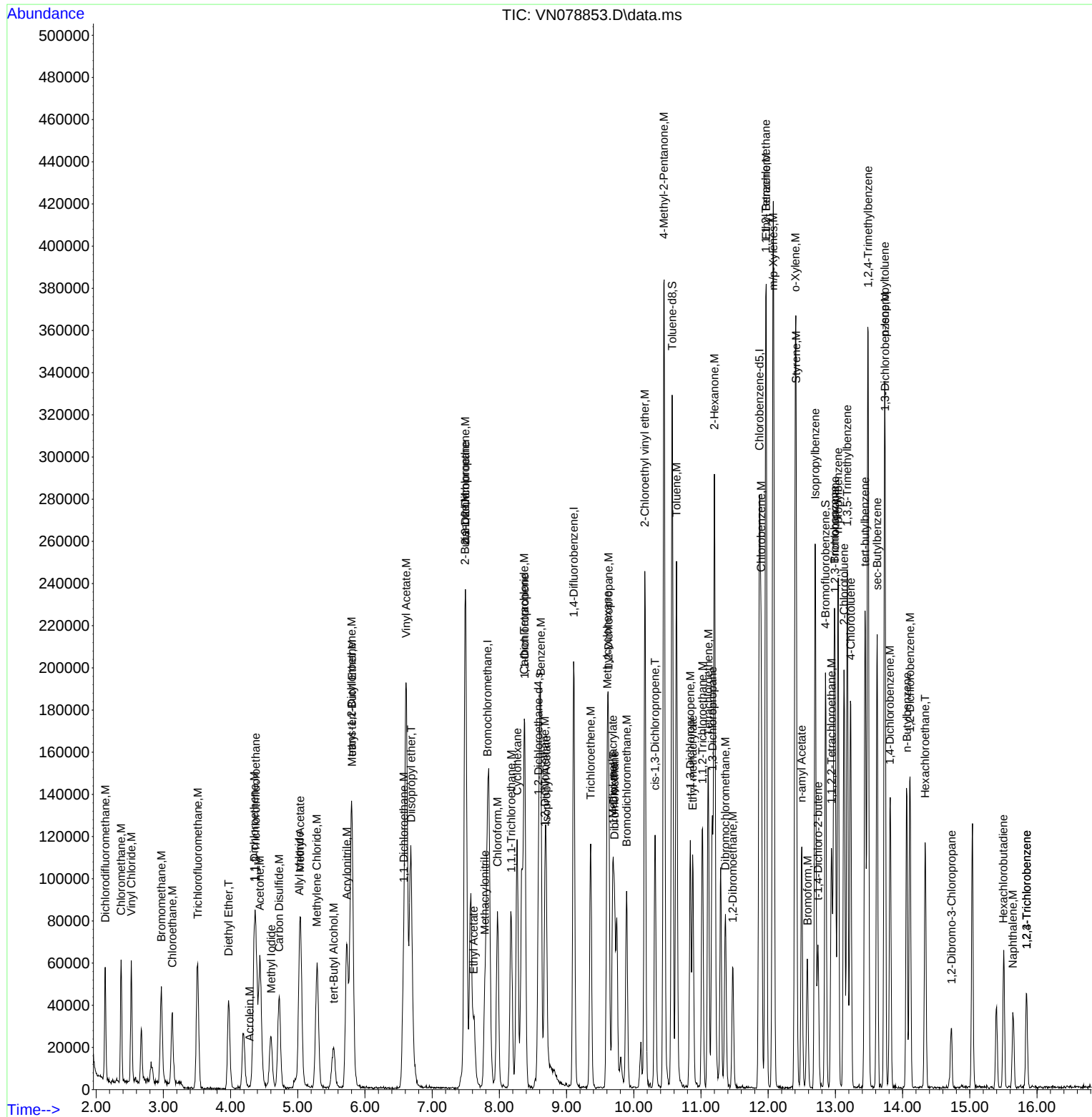
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.618	43	3043	1.124	ug/l	96
44) Isopropyl Acetate	8.700	43	99986	20.565	ug/l #	86
45) 1,4-Dioxane	9.700	88	12166	372.966	ug/l #	72
46) Methyl methacrylate	9.688	41	42994	20.883	ug/l	83
47) n-amyl Acetate	12.500	43	66309	19.508	ug/l	94
48) t-1,3-Dichloropropene	10.841	75	59004	20.329	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	65430	20.271	ug/l	98
50) 1,1,2-Trichloroethane	11.023	97	38738	19.985	ug/l	94
51) Ethyl methacrylate	10.876	69	53085	19.538	ug/l	77
52) 1,3-Dichloropropane	11.171	76	70681	21.236	ug/l	98
53) Dibromochloromethane	11.365	129	42136	20.828	ug/l	96
54) 1,2-Dibromoethane	11.470	107	38558	20.361	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	103743	103.535	ug/l	95
56) Bromoform	12.588	173	26092	20.602	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	276478	99.752	ug/l #	92
59) 2-Hexanone	11.200	43	195817	101.668	ug/l	92
61) Tetrachloroethene	11.112	164	31743	19.241	ug/l	90
62) Toluene	10.635	91	176231	20.759	ug/l	97
64) Chlorobenzene	11.894	112	99017	19.923	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	39444	20.600	ug/l	98
66) Ethyl Benzene	11.970	91	174639	19.807	ug/l	98
67) m/p-Xylenes	12.076	106	136188	42.126	ug/l	98
68) o-Xylene	12.406	106	66349	20.619	ug/l	96
69) Styrene	12.418	104	104977	21.350	ug/l	97
70) Isopropylbenzene	12.700	105	160001	20.130	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	55611	20.647	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	64622	27.486	ug/l	59
73) Bromobenzene	12.988	156	35519	18.697	ug/l	85
74) n-propylbenzene	13.041	91	184695	20.999	ug/l	99
75) 2-Chlorotoluene	13.129	91	112742	20.577	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	131377	20.811	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	15048	20.391	ug/l	82
78) 4-Chlorotoluene	13.229	91	104395	20.538	ug/l	96
79) tert-butylbenzene	13.441	119	104801	20.233	ug/l	94
80) 1,2,4-Trimethylbenzene	13.488	105	125420	21.054	ug/l	99
81) sec-Butylbenzene	13.623	105	143303	20.666	ug/l	98
82) p-Isopropyltoluene	13.735	119	106762	19.656	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	59272	20.189	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	56503	20.154	ug/l	98
85) n-Butylbenzene	14.064	91	75980	19.009	ug/l	99
86) Hexachloroethane	14.335	117	24195	21.148	ug/l	92
87) 1,2-Dichlorobenzene	14.112	146	57691	19.974	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.729	75	7423	19.403	ug/l	87
89) 1,2,4-Trichlorobenzene	15.847	180	15416	19.284	ug/l	97
90) Hexachlorobutadiene	15.500	225	10522	17.877	ug/l	97
91) Naphthalene	15.641	128	30631	12.253	ug/l #	76
92) 1,2,3-Trichlorobenzene	15.847	180	15416	16.441	ug/l	93

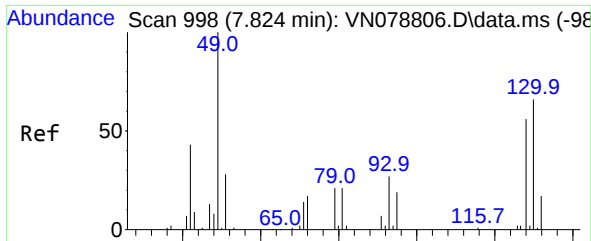
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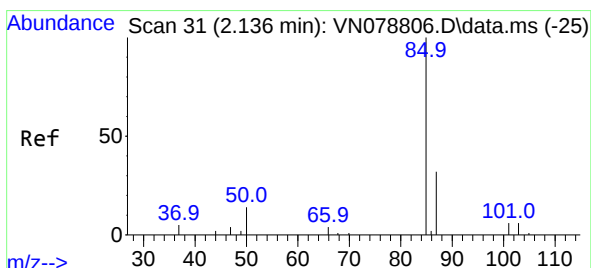
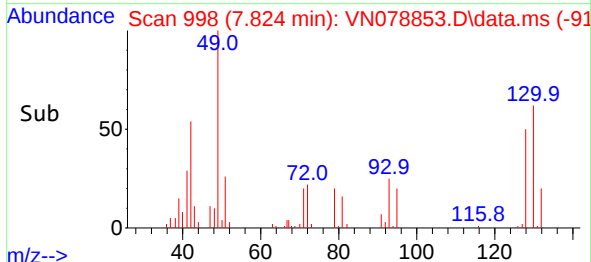
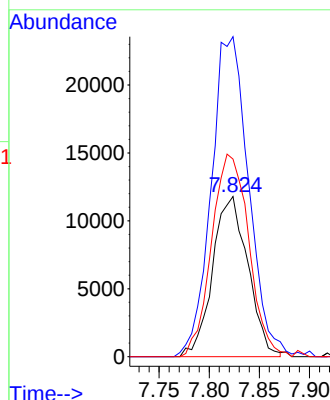
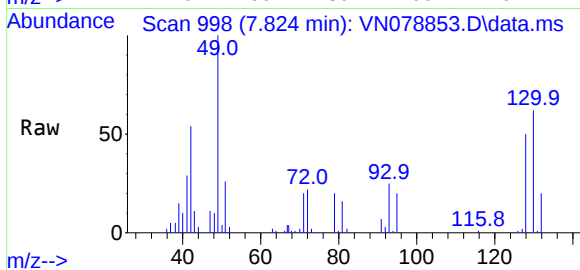




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
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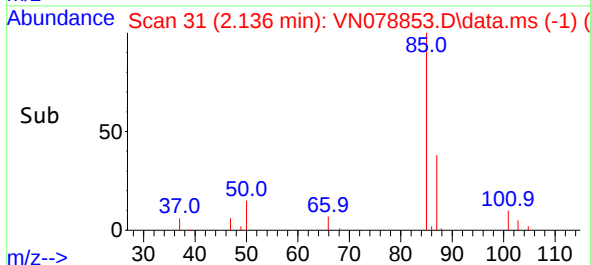
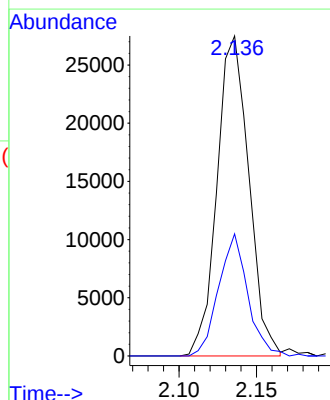
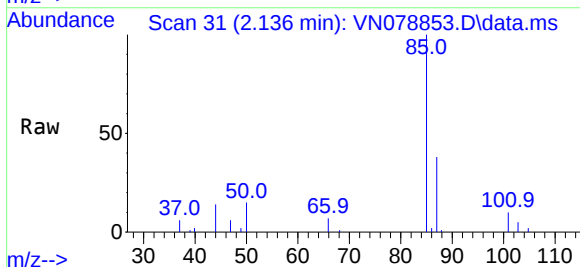
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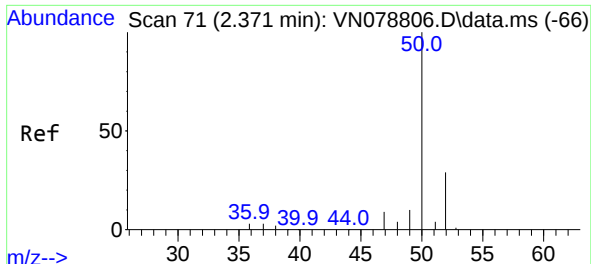
Tgt Ion:128 Resp: 28898
Ion Ratio Lower Upper
128 100
49 211.4 0.0 370.8
130 133.3 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 19.681 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 85 Resp: 39203
Ion Ratio Lower Upper
85 100
87 38.1 16.4 49.4

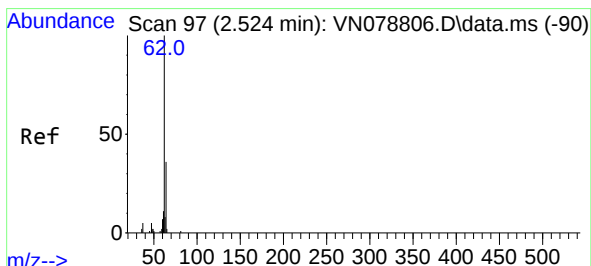
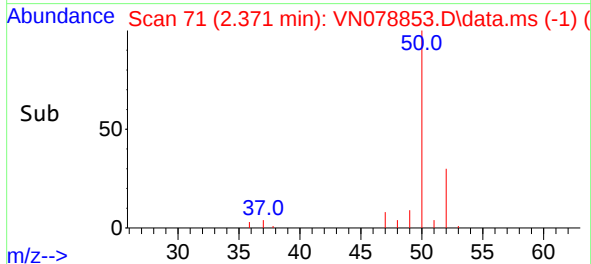
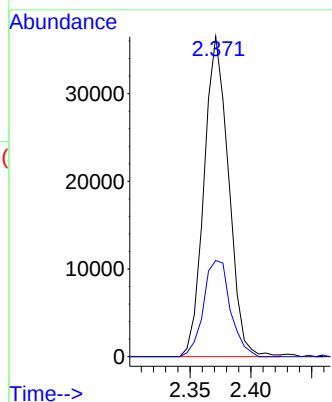
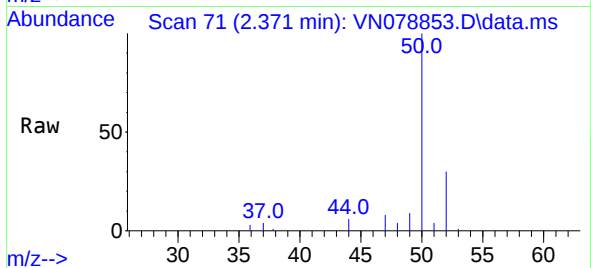




#3
Chloromethane
Concen: 21.599 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

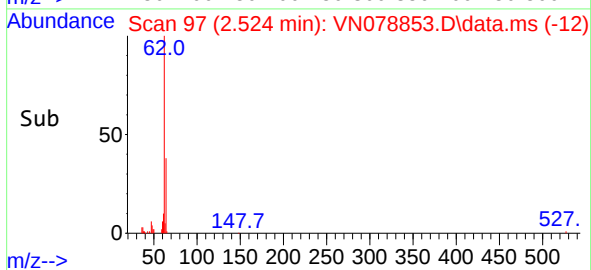
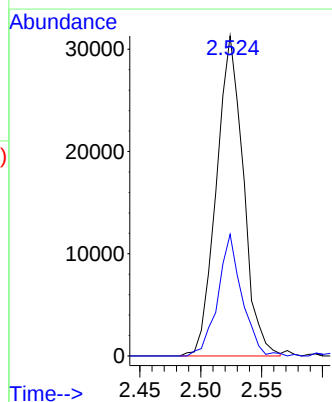
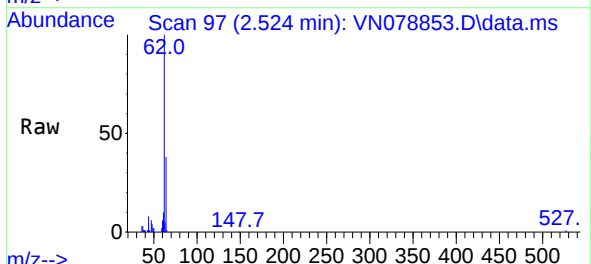
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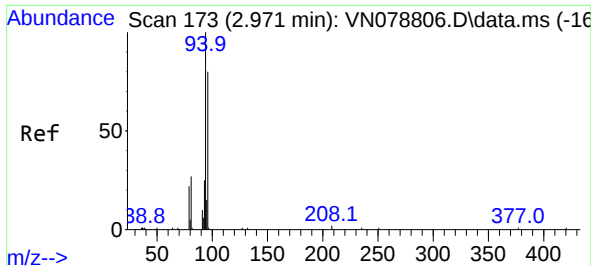
Tgt Ion: 50 Resp: 51233
Ion Ratio Lower Upper
50 100
52 30.1 24.6 36.8



#4
Vinyl Chloride
Concen: 21.349 ug/l
RT: 2.524 min Scan# 97
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 62 Resp: 48187
Ion Ratio Lower Upper
62 100
64 38.0 23.3 34.9

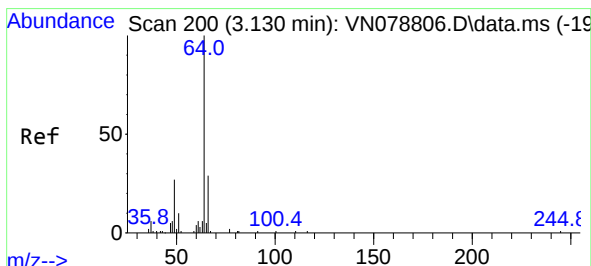
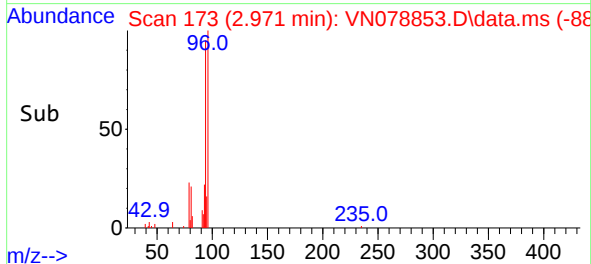
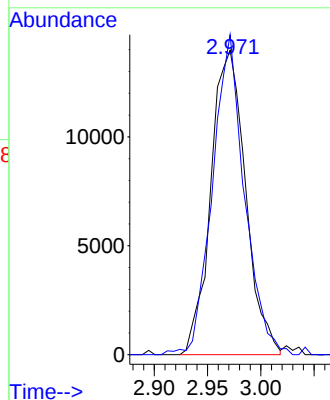
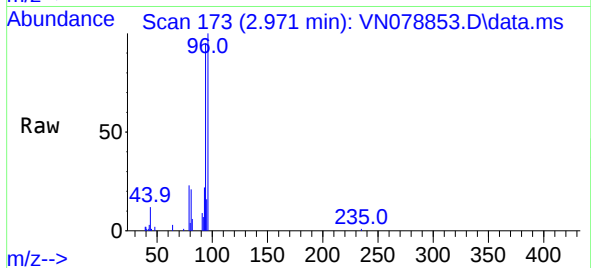




#5
Bromomethane
Concen: 19.319 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

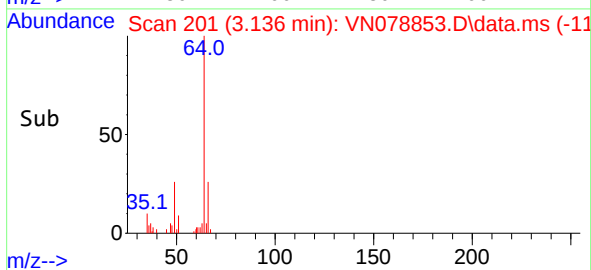
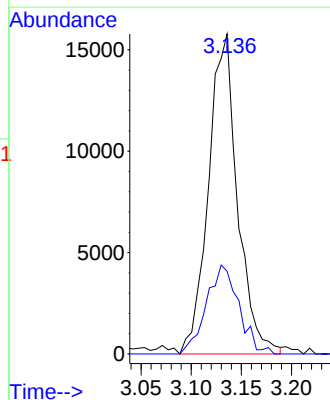
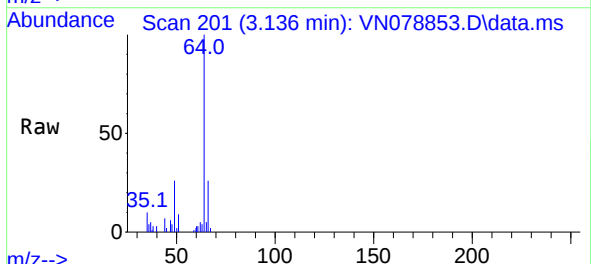
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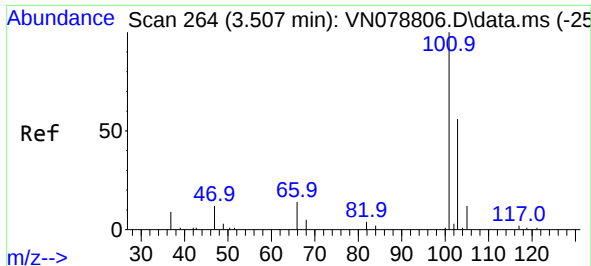
Tgt Ion: 94 Resp: 31720
Ion Ratio Lower Upper
94 100
96 103.4 73.9 110.9



#6
Chloroethane
Concen: 19.869 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 64 Resp: 31857
Ion Ratio Lower Upper
64 100
66 25.9 25.7 38.5

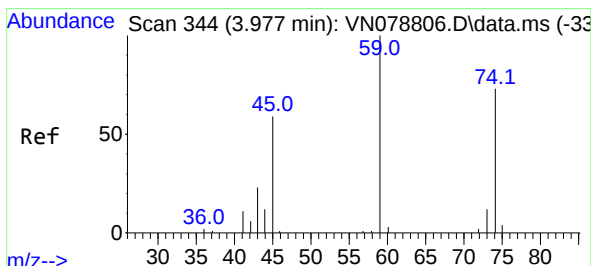
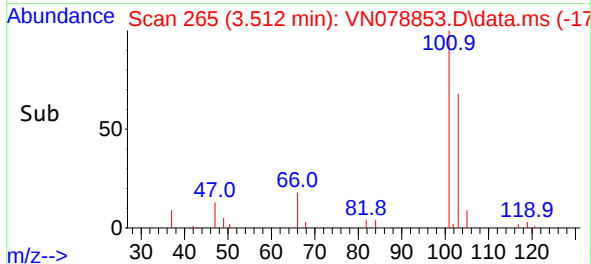
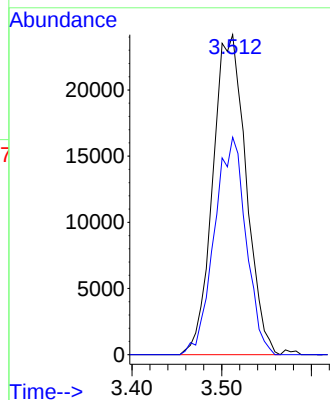
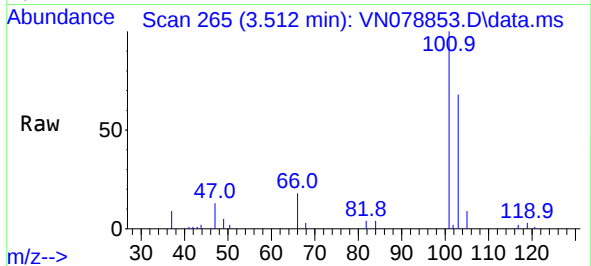




#7
Trichlorofluoromethane
Concen: 20.031 ug/l
RT: 3.512 min Scan# 2
Delta R.T. 0.006 min
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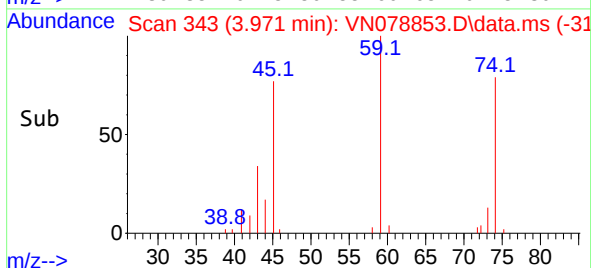
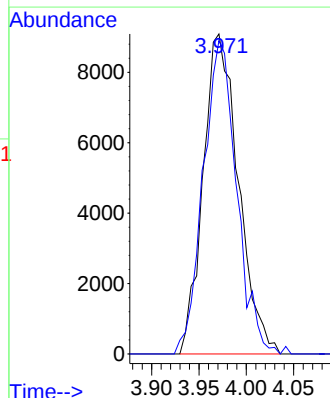
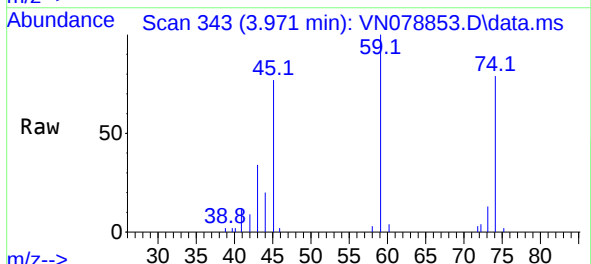
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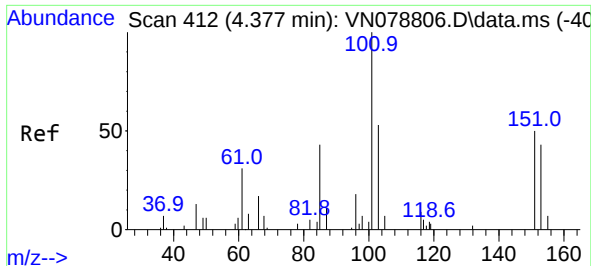
Tgt Ion:101 Resp: 62054
Ion Ratio Lower Upper
101 100
103 67.9 50.4 75.6



#8
Diethyl Ether
Concen: 21.395 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 74 Resp: 23568
Ion Ratio Lower Upper
74 100
45 92.6 16.3 146.5

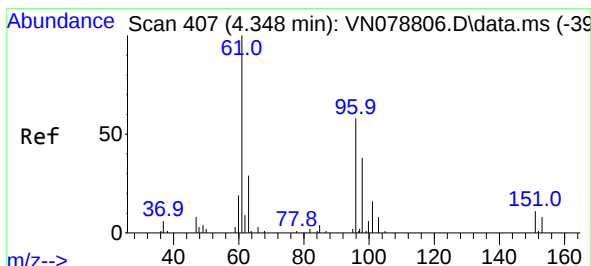
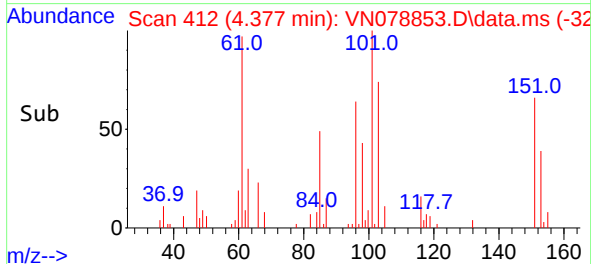
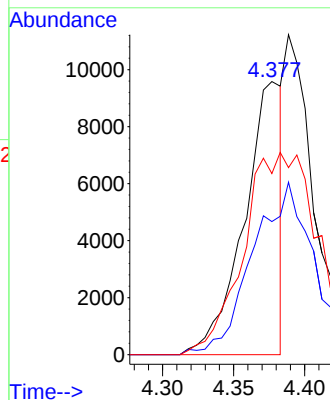
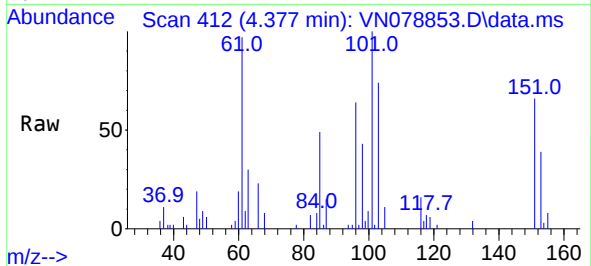




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.731 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078853.D
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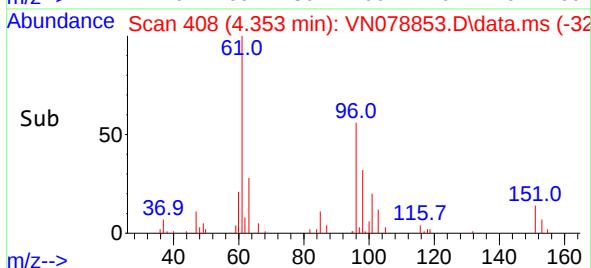
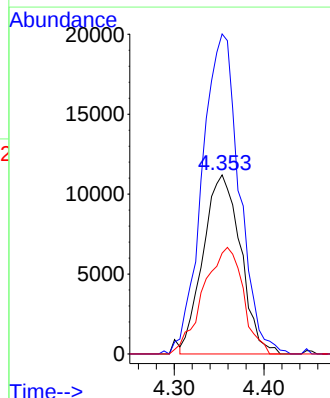
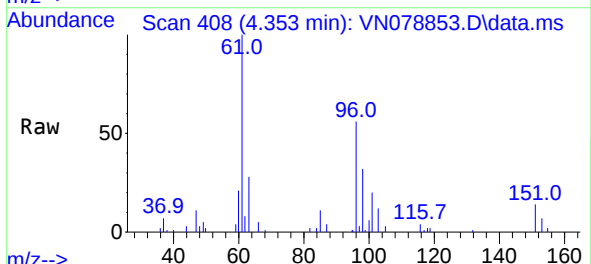
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ClientSampleId :
VSTDCCC020

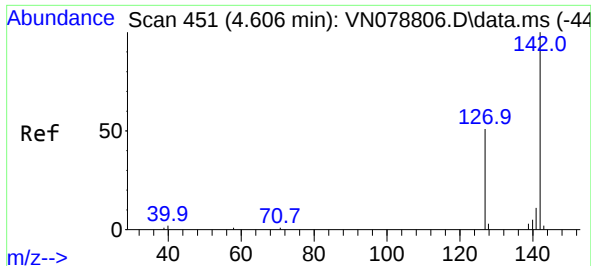
Tgt Ion:101 Resp: 17833
Ion Ratio Lower Upper
101 100
85 41.5 0.0 89.2
151 63.0 0.0 148.8



#10
1,1-Dichloroethene
Concen: 20.214 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

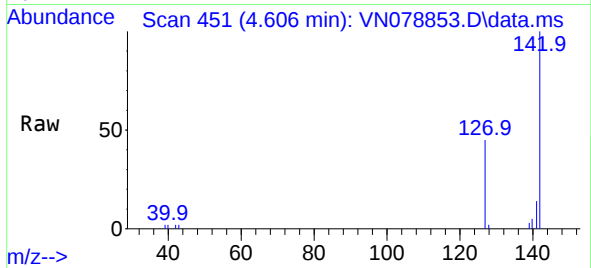
Tgt Ion: 96 Resp: 32532
Ion Ratio Lower Upper
96 100
61 176.6 123.4 185.2
98 56.3 53.7 80.5



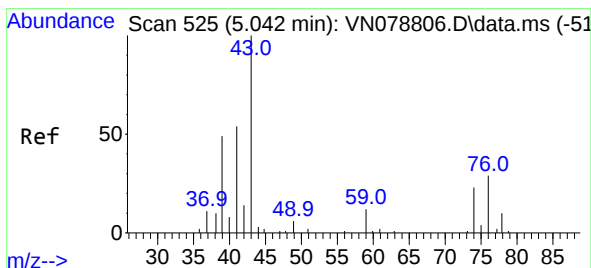
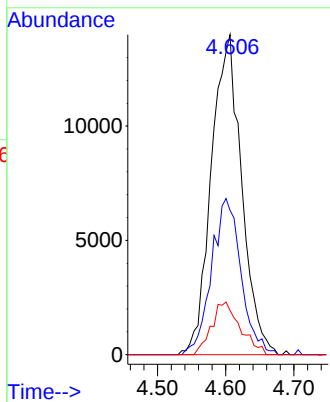
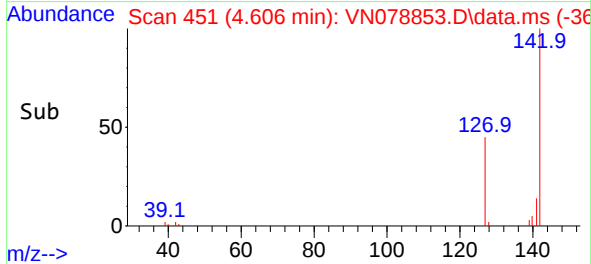


#11
Methyl Iodide
Concen: 20.166 ug/l
RT: 4.606 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

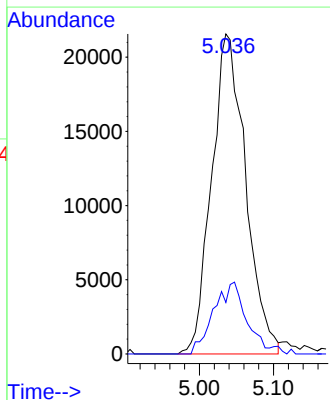
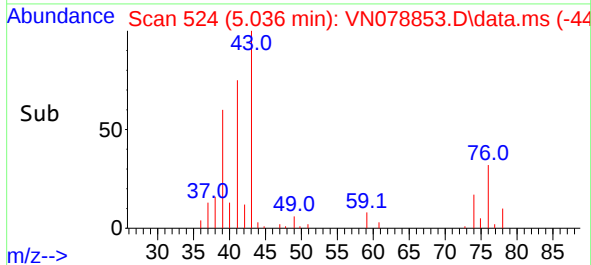
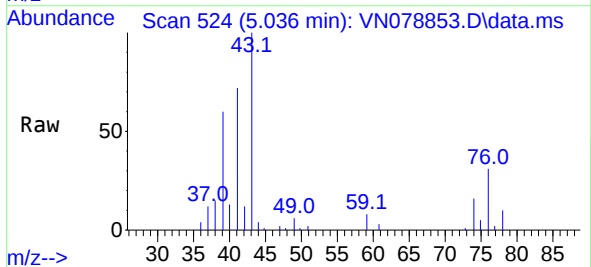


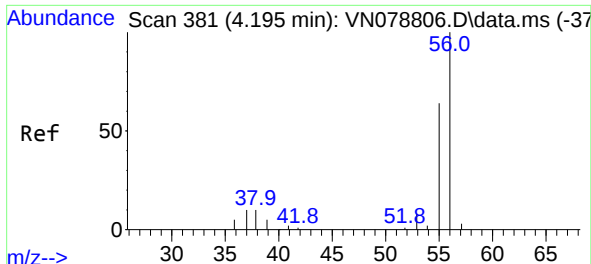
Tgt Ion:142 Resp: 43294
Ion Ratio Lower Upper
142 100
127 45.1 23.2 69.5
141 13.9 7.2 21.7



#12
Methyl Acetate
Concen: 19.658 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 43 Resp: 68765
Ion Ratio Lower Upper
43 100
74 15.1 20.5 30.7#





#13

Acrolein

Concen: 0.807 ug/l

RT: 4.283 min Scan# 396

Delta R.T. 0.088 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

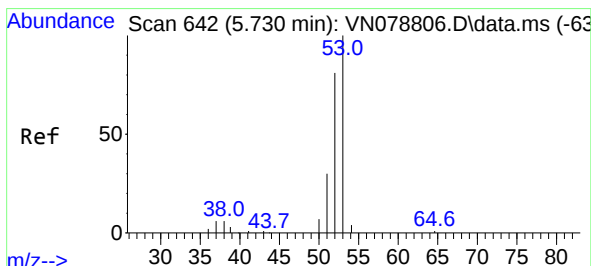
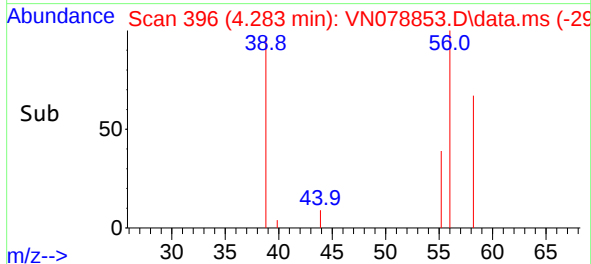
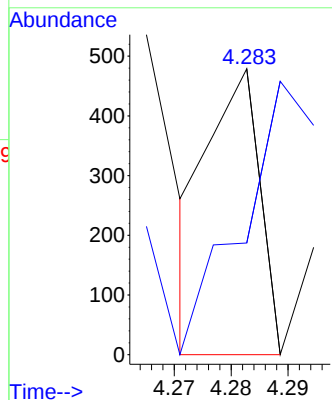
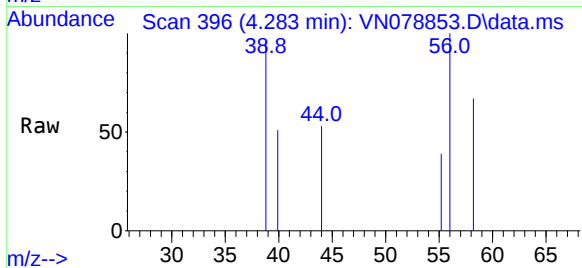
VSTDCCC020

Tgt Ion: 56 Resp: 299

Ion Ratio Lower Upper

56 100

55 72.6 59.0 88.4



#14

Acrylonitrile

Concen: 96.067 ug/l

RT: 5.730 min Scan# 642

Delta R.T. -0.000 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

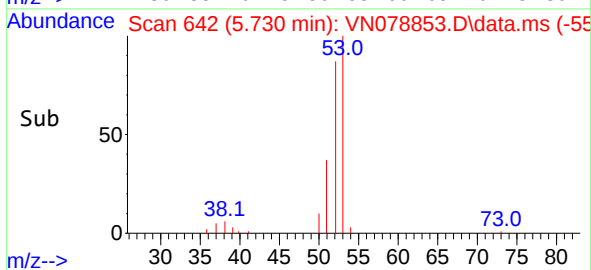
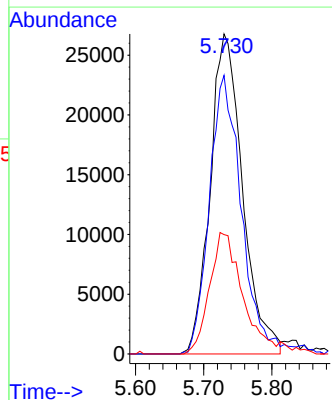
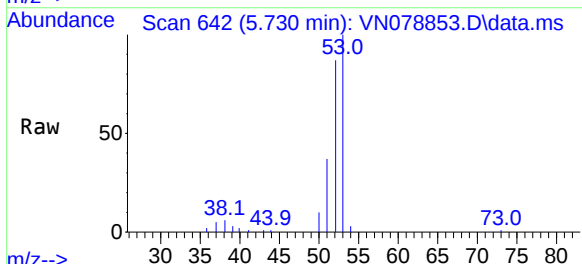
Tgt Ion: 53 Resp: 88545

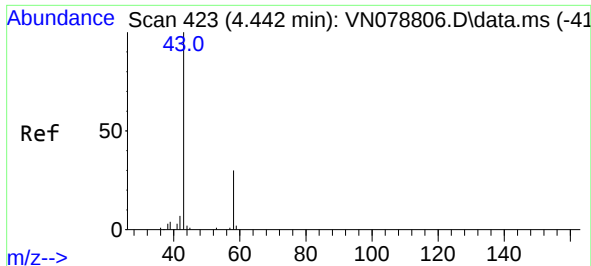
Ion Ratio Lower Upper

53 100

52 84.1 42.3 126.9

51 38.4 18.4 55.4





#15

Acetone

Concen: 145.399 ug/l

RT: 4.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

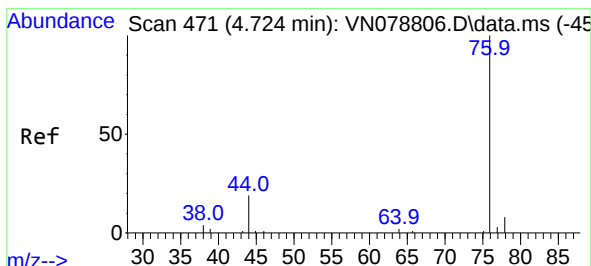
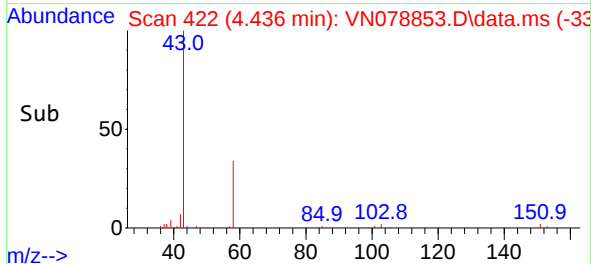
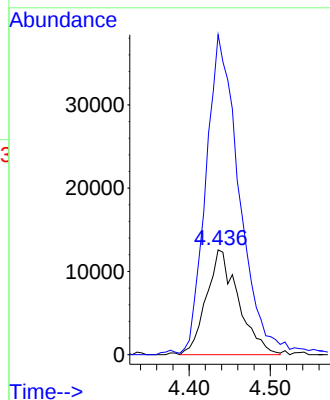
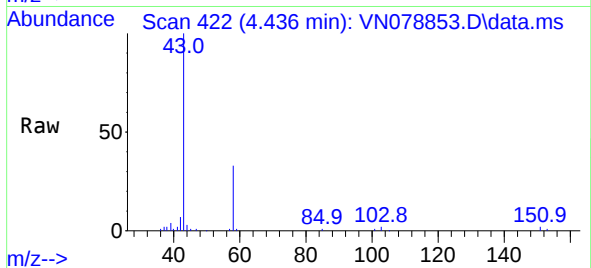
VSTDCCC020

Tgt Ion: 58 Resp: 34530

Ion Ratio Lower Upper

58 100

43 303.7 227.5 341.3



#16

Carbon Disulfide

Concen: 20.130 ug/l

RT: 4.724 min Scan# 471

Delta R.T. -0.000 min

Lab File: VN078853.D

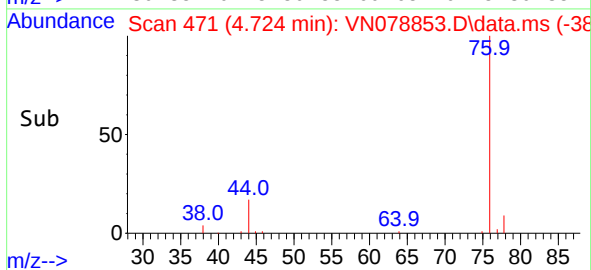
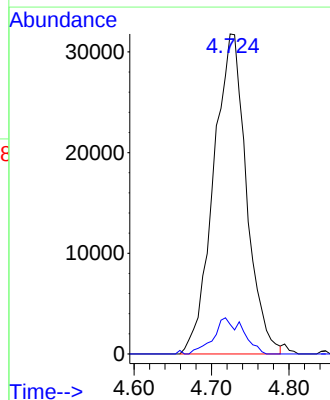
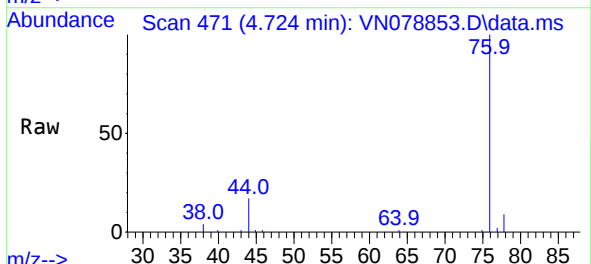
Acq: 11 Aug 2023 09:23

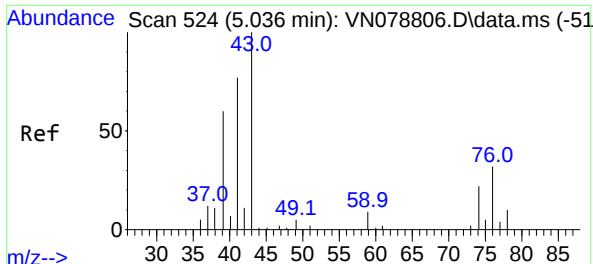
Tgt Ion: 76 Resp: 93782

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5



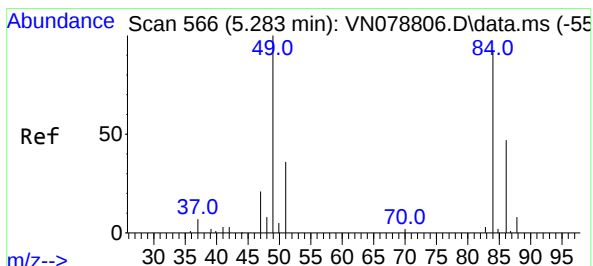
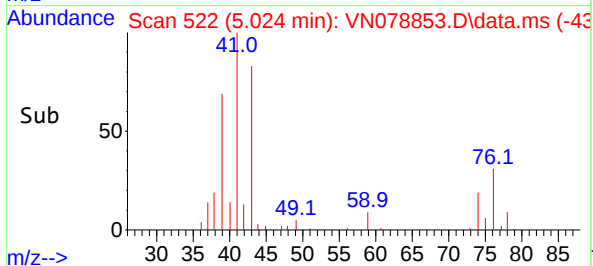
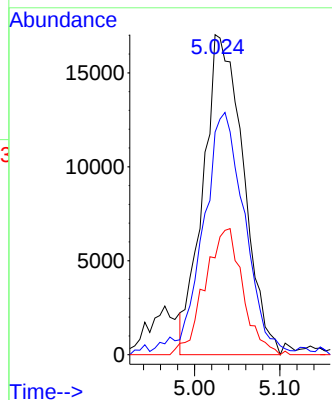
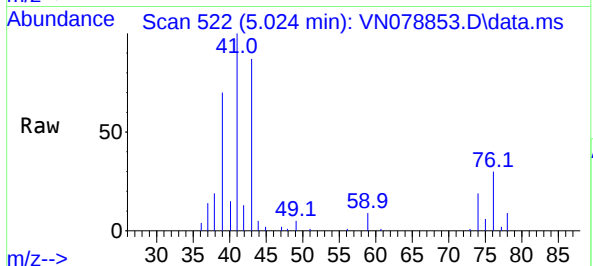


#17
 Allyl chloride
 Concen: 19.846 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VN078853.D
 Acq: 11 Aug 2023 09:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 41 Resp: 55829

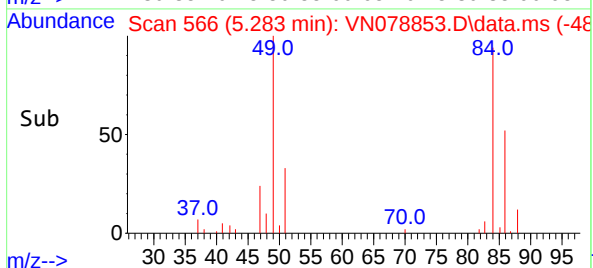
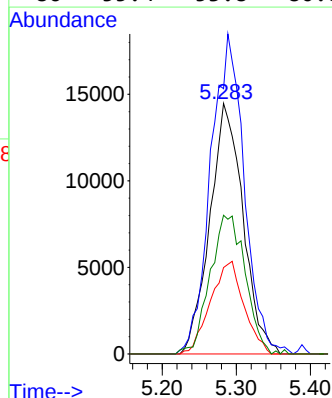
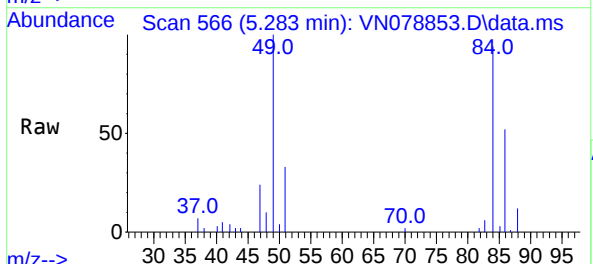
Ion	Ratio	Lower	Upper
41	100		
39	66.7	37.6	112.8
76	30.3	23.8	71.4

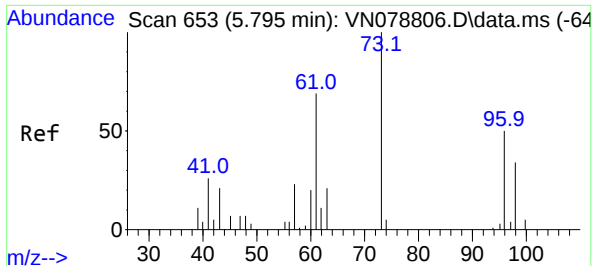


#18
 Methylene Chloride
 Concen: 22.424 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN078853.D
 Acq: 11 Aug 2023 09:23

Tgt Ion: 84 Resp: 45035

Ion	Ratio	Lower	Upper
84	100		
49	104.5	88.1	132.1
51	34.5	24.0	36.0
86	55.4	53.8	80.8





#19

trans-1,2-Dichloroethene

Concen: 20.479 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

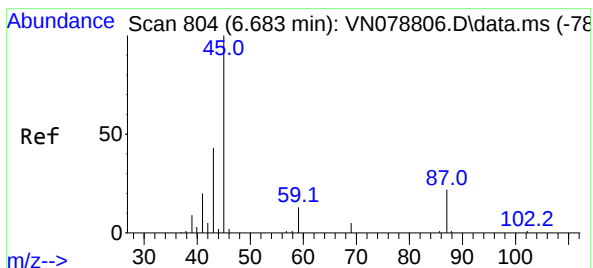
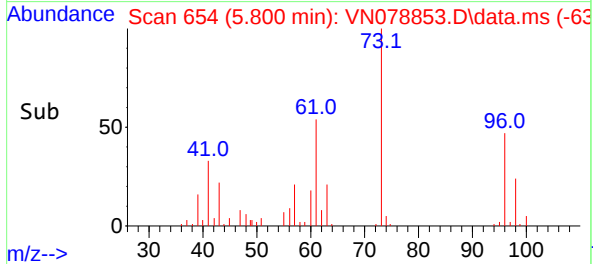
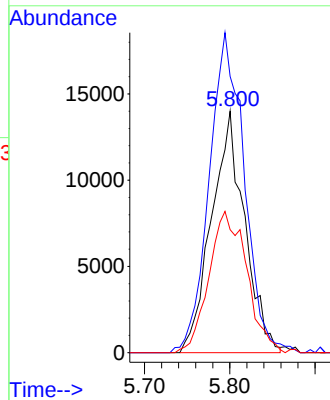
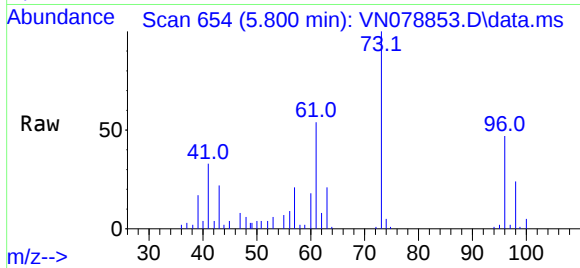
Tgt Ion: 96 Resp: 37842

Ion Ratio Lower Upper

96 100

61 112.2 105.2 157.8

98 49.6 50.5 75.7#



#20

Diisopropyl ether

Concen: 21.096 ug/l

RT: 6.688 min Scan# 805

Delta R.T. 0.006 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

Tgt Ion: 45 Resp: 133267

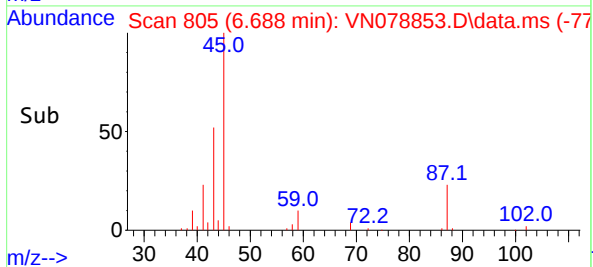
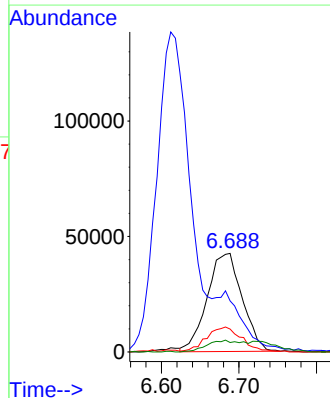
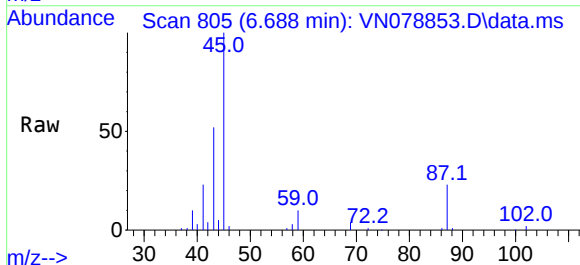
Ion Ratio Lower Upper

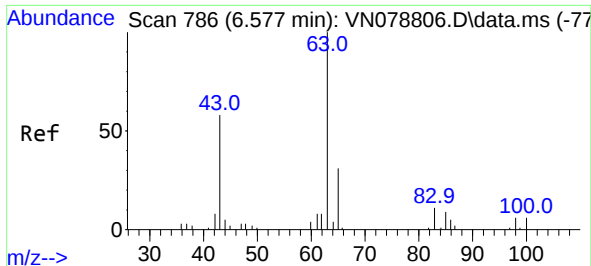
45 100

43 48.0 43.6 65.4

87 22.8 25.8 38.6#

59 9.7 10.6 16.0#





#21

1,1-Dichloroethane

Concen: 21.294 ug/l

RT: 6.577 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

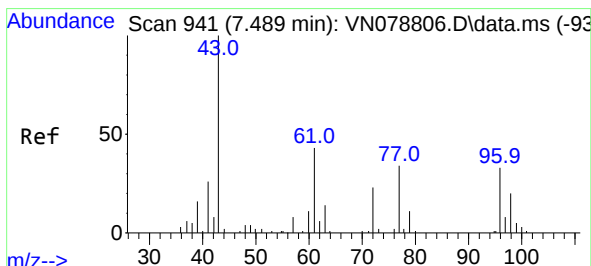
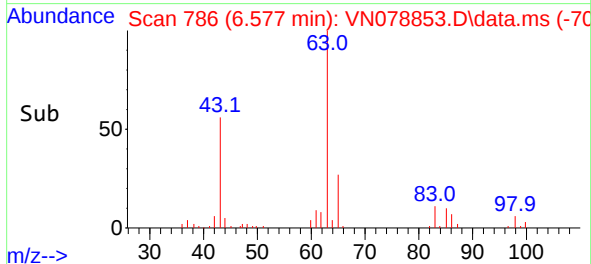
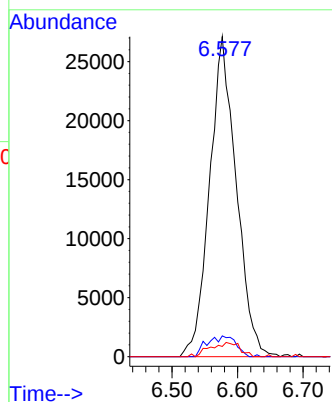
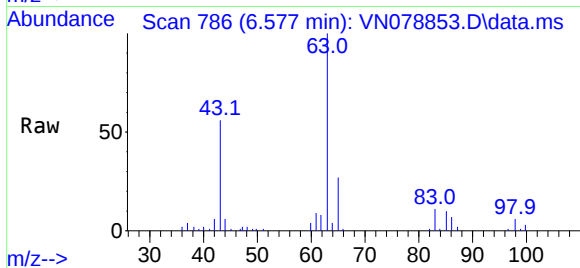
Tgt Ion: 63 Resp: 76694

Ion Ratio Lower Upper

63 100

98 6.5 2.7 8.1

100 3.2 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 20.894 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

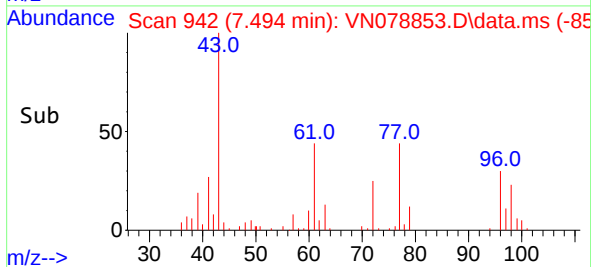
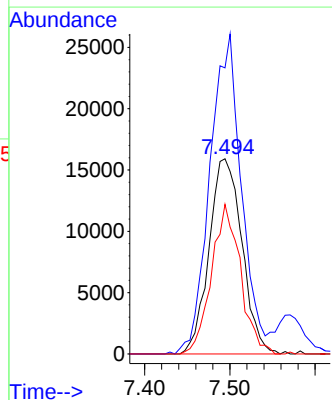
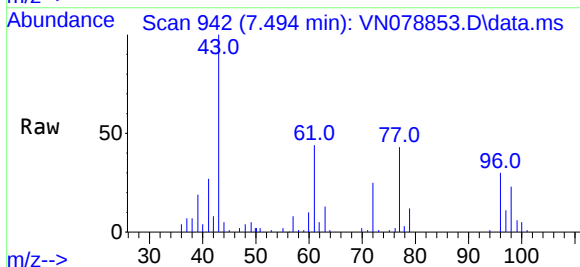
Tgt Ion: 96 Resp: 42794

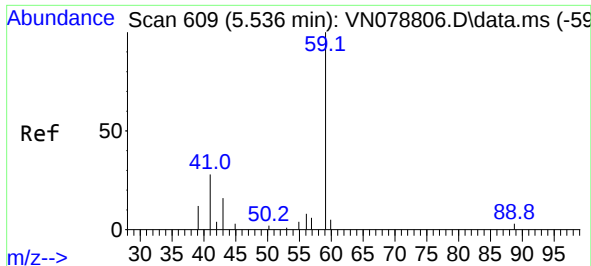
Ion Ratio Lower Upper

96 100

61 156.1 113.8 170.6

98 67.4 52.2 78.4

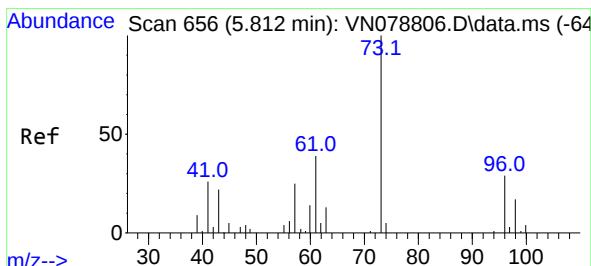
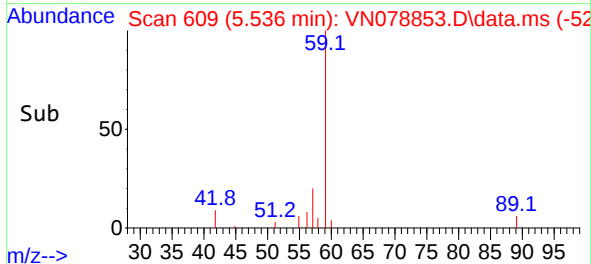
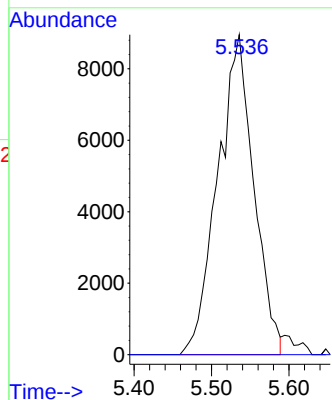
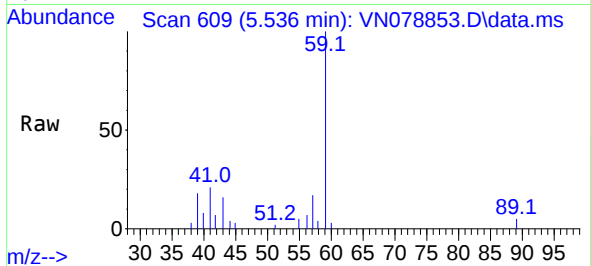




#23
tert-Butyl Alcohol
Concen: 84.646 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

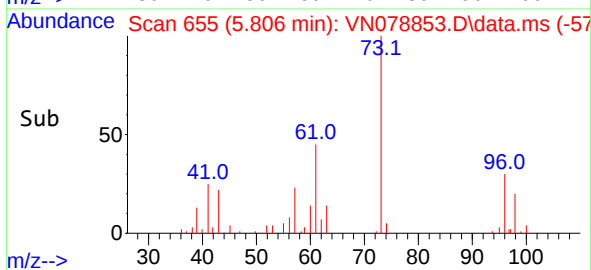
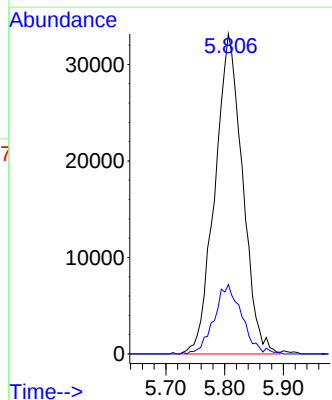
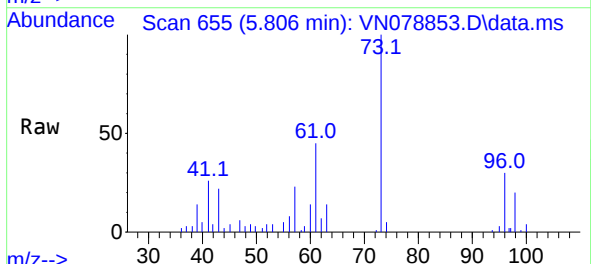
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

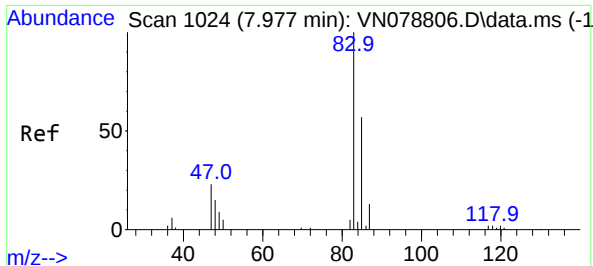
Tgt Ion: 59 Resp: 28991
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 20.073 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 73 Resp: 108127
Ion Ratio Lower Upper
73 100
43 21.4 14.5 21.7

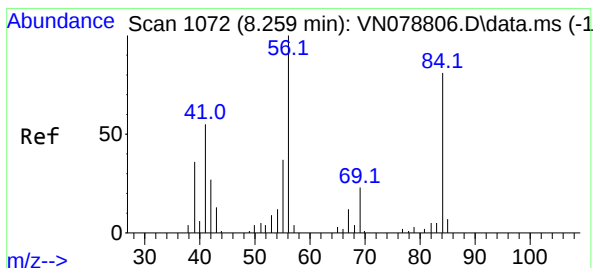
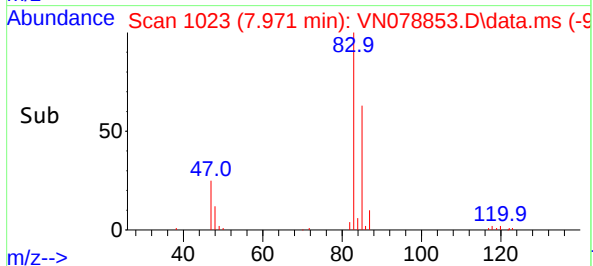
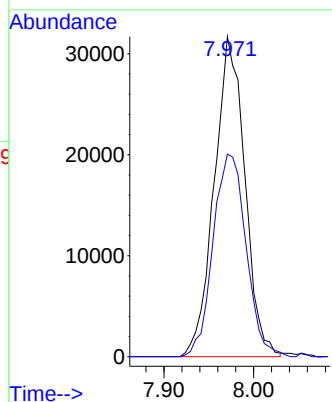
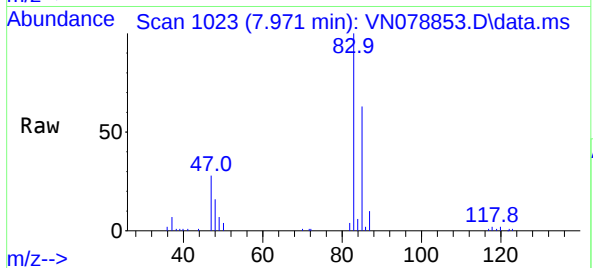




#25
Chloroform
Concen: 20.965 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

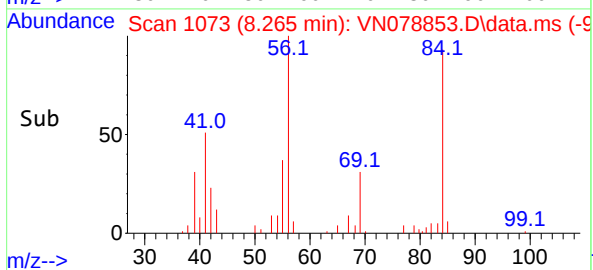
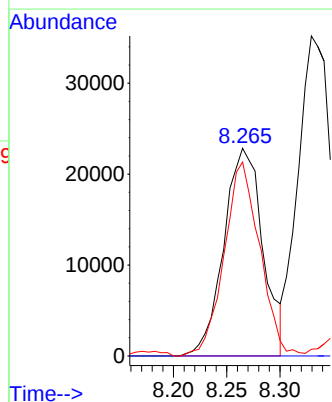
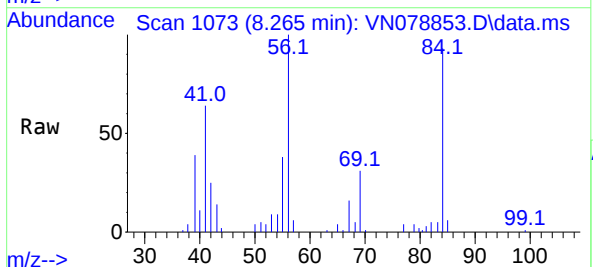
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

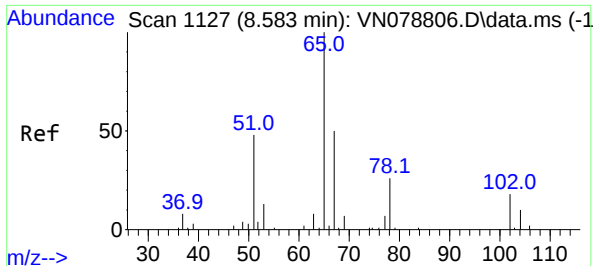
Tgt Ion: 83 Resp: 74964
Ion Ratio Lower Upper
83 100
85 63.3 53.4 80.0



#26
Cyclohexane
Concen: 20.550 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 56 Resp: 58296
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.1 74.2 111.4

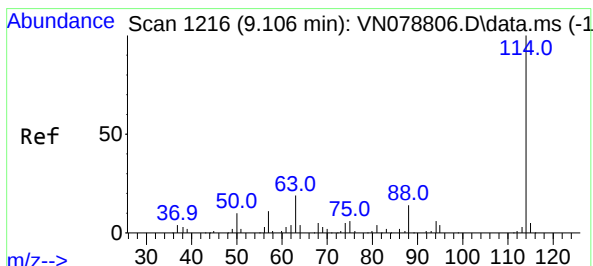
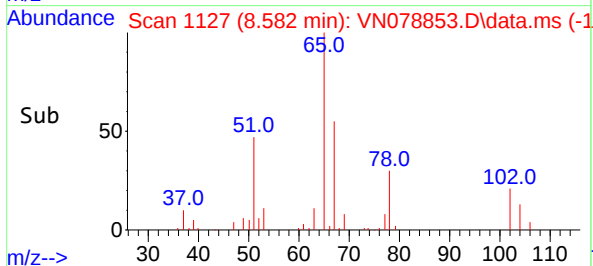
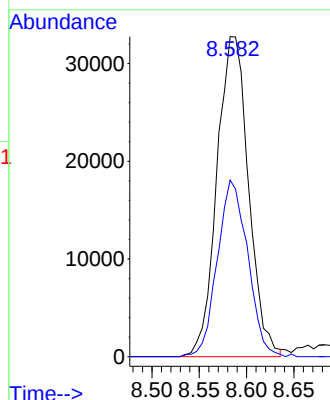
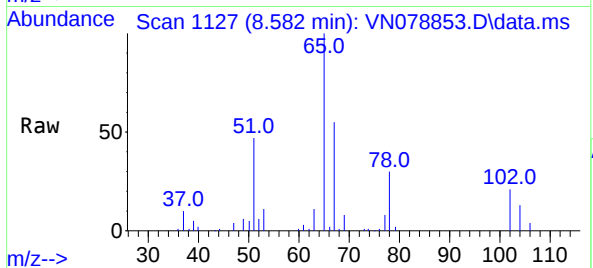




#27
1,2-Dichloroethane-d4
Concen: 32.706 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

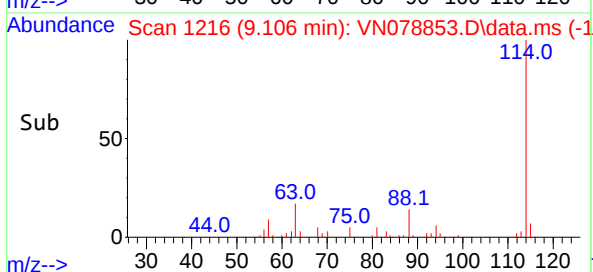
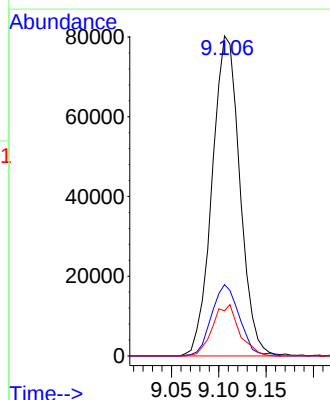
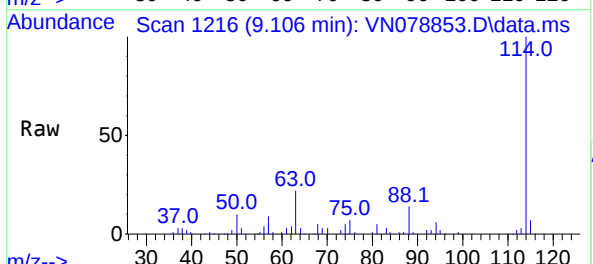
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

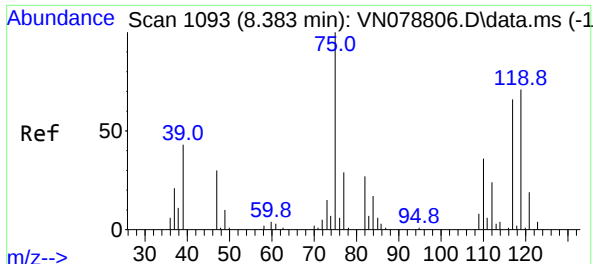
Tgt Ion: 65 Resp: 76092
Ion Ratio Lower Upper
65 100
67 52.9 42.9 64.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 114 Resp: 163798
Ion Ratio Lower Upper
114 100
63 22.4 15.2 22.8
88 15.4 12.5 18.7

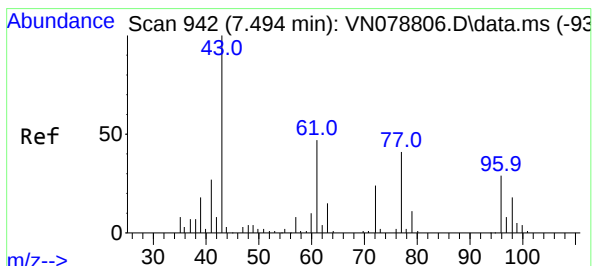
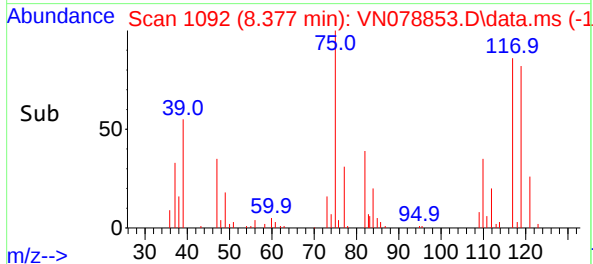
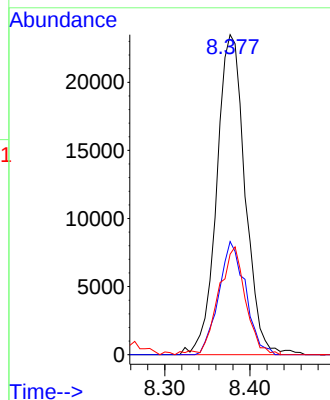
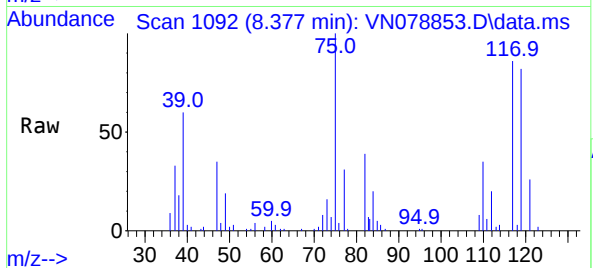




#29
1,1-Dichloropropene
Concen: 20.343 ug/l
RT: 8.377 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

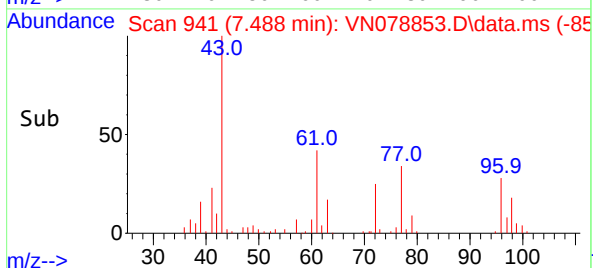
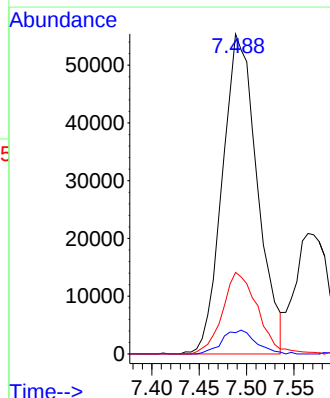
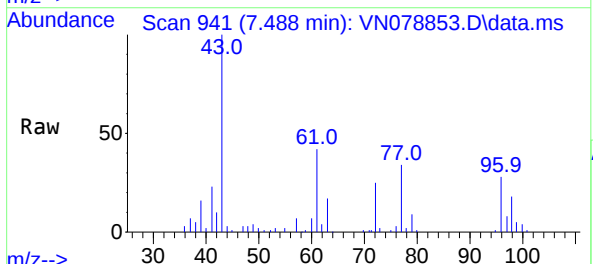
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

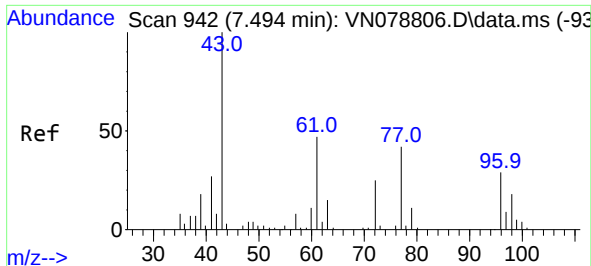
Tgt Ion: 75 Resp: 54134
Ion Ratio Lower Upper
75 100
110 33.5 0.0 72.2
77 31.5 0.0 62.8



#30
2-Butanone
Concen: 109.135 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 43 Resp: 142347
Ion Ratio Lower Upper
43 100
57 7.1 6.8 10.2
72 25.7 23.8 35.6

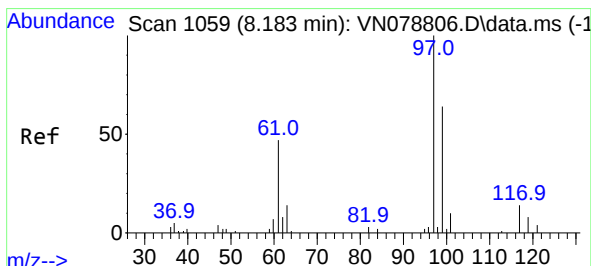
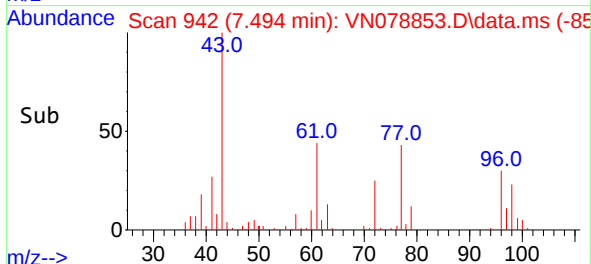
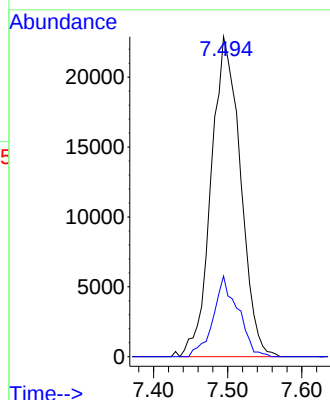
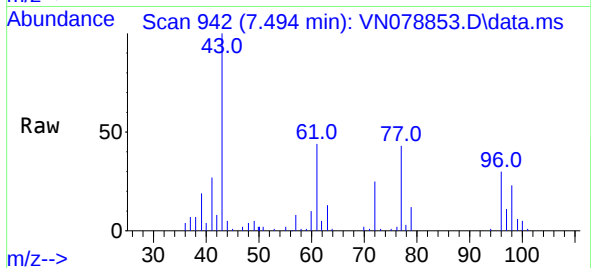




#31
2,2-Dichloropropane
Concen: 22.932 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

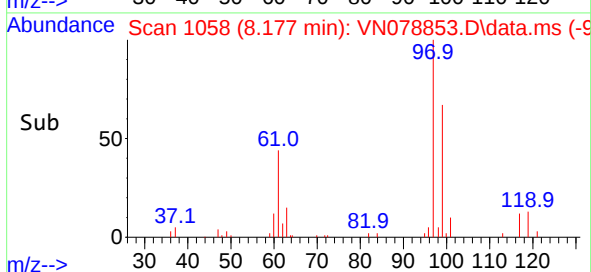
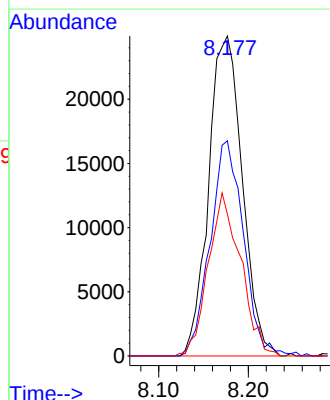
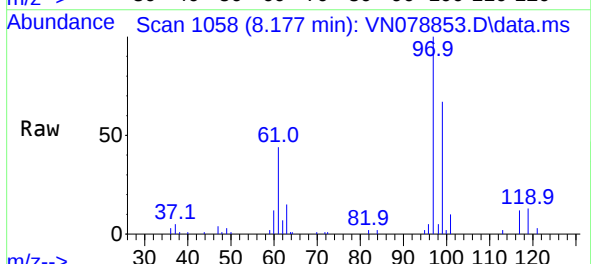
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

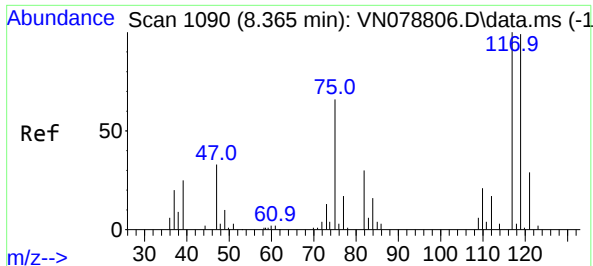
Tgt Ion: 77 Resp: 62926
Ion Ratio Lower Upper
77 100
97 21.2 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 20.729 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 97 Resp: 64961
Ion Ratio Lower Upper
97 100
99 66.5 51.3 76.9
61 48.9 34.6 52.0

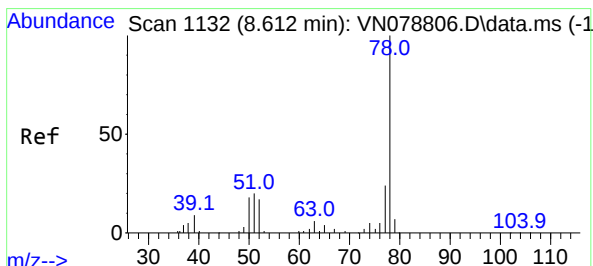
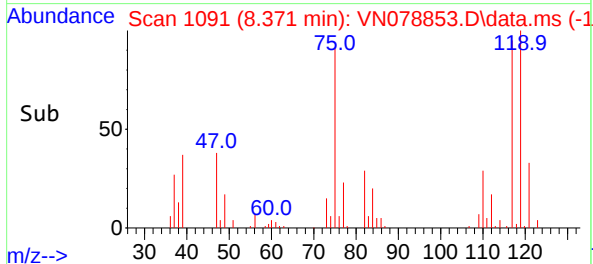
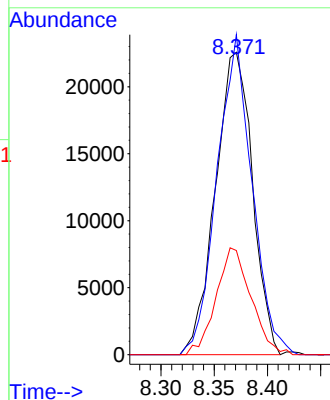
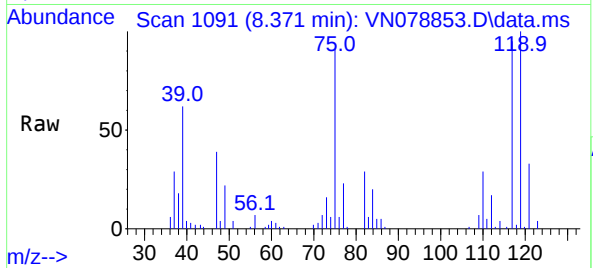




#33
Carbon Tetrachloride
Concen: 20.195 ug/l
RT: 8.371 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

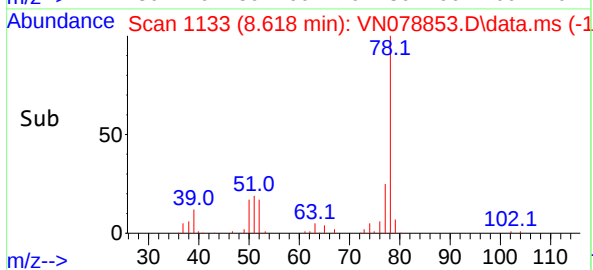
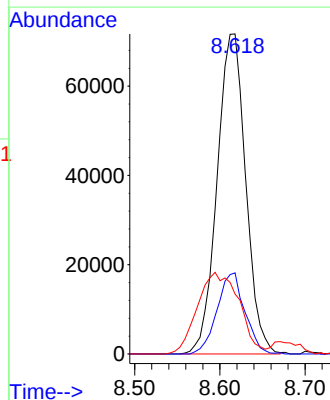
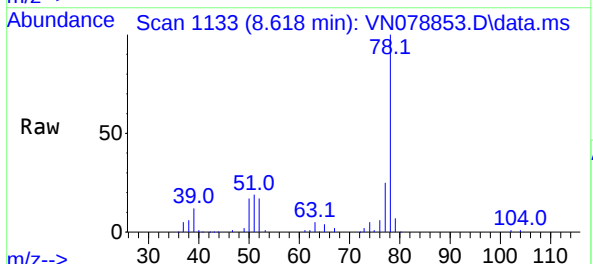
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

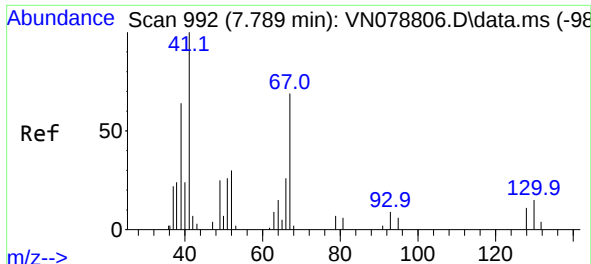
Tgt Ion:117 Resp: 54622
Ion Ratio Lower Upper
117 100
119 105.8 81.4 122.0
121 34.4 23.6 35.4



#34
Benzene
Concen: 20.663 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 78 Resp: 167312
Ion Ratio Lower Upper
78 100
77 25.4 18.3 27.5
51 16.6 13.7 20.5



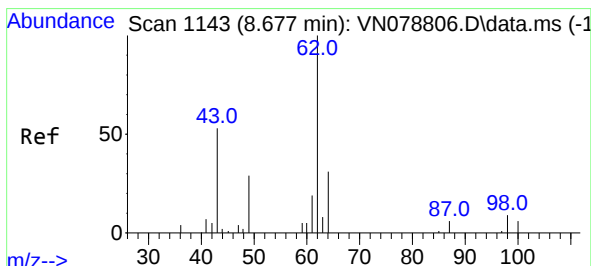
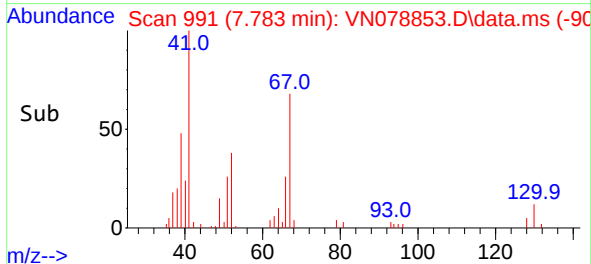
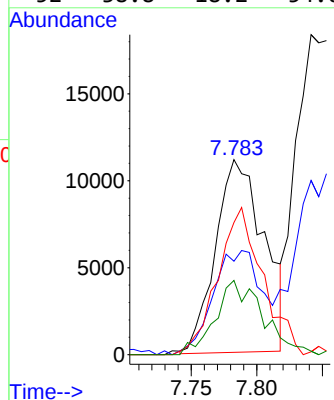
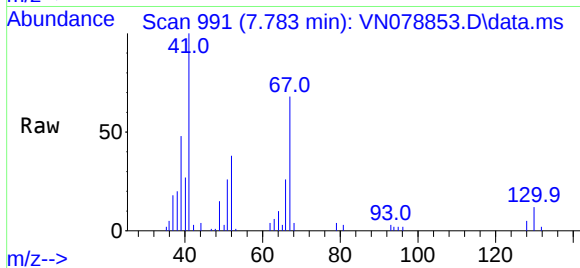


#35
Methacrylonitrile
Concen: 18.645 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 28557

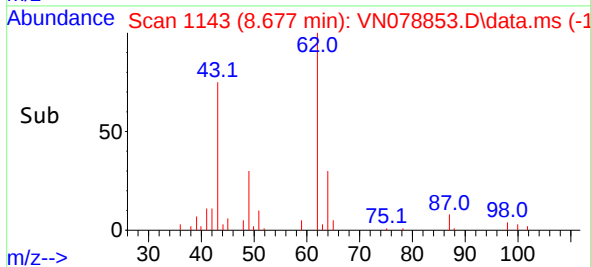
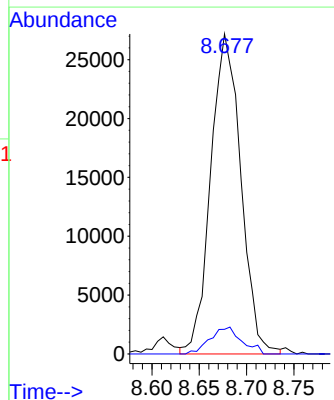
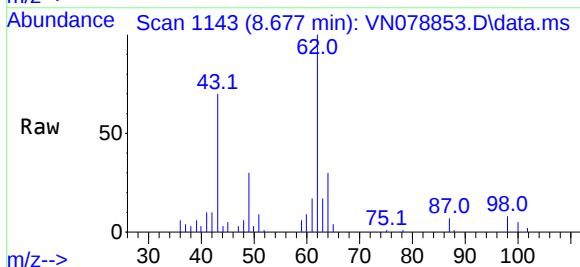
Ion	Ratio	Lower	Upper
41	100		
39	46.9	33.9	101.6
67	67.2	45.9	137.6
52	38.8	18.2	54.6

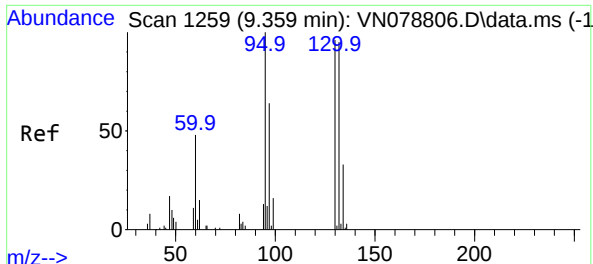


#36
1,2-Dichloroethane
Concen: 21.287 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 62 Resp: 60253

Ion	Ratio	Lower	Upper
62	100		
98	8.3	7.4	11.0

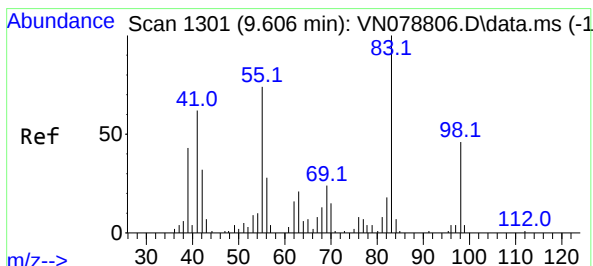
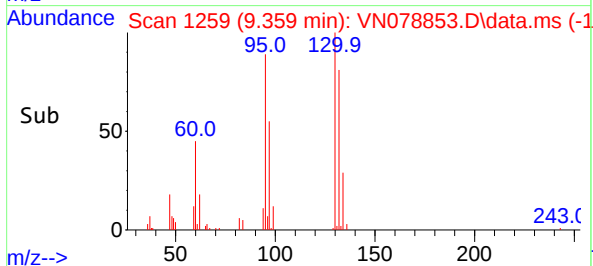
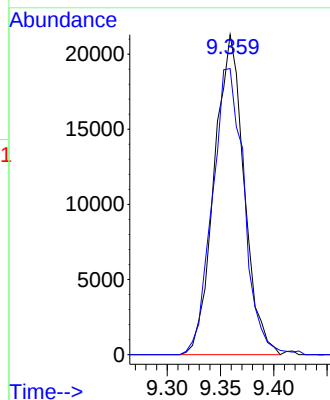
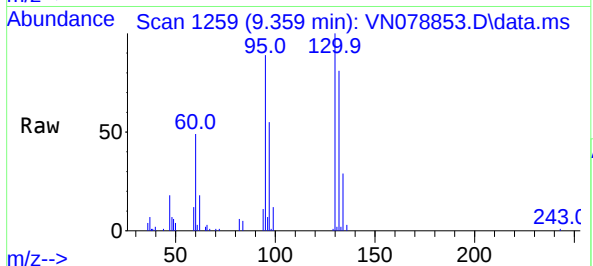




#37
Trichloroethene
Concen: 21.218 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

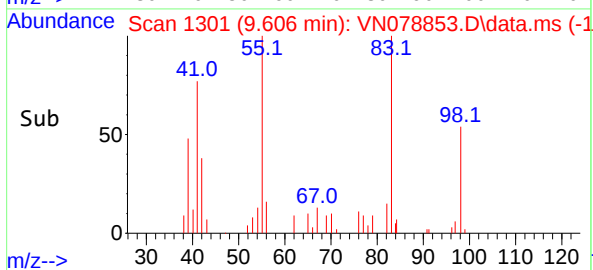
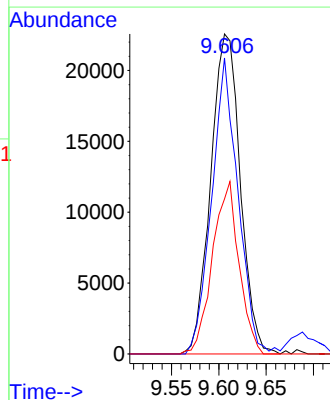
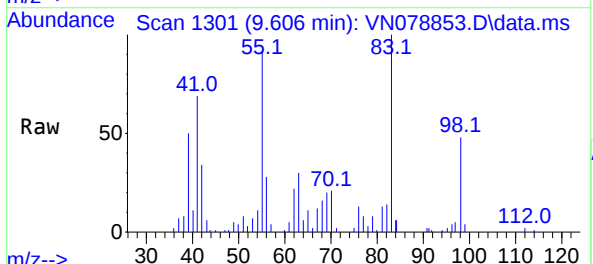
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

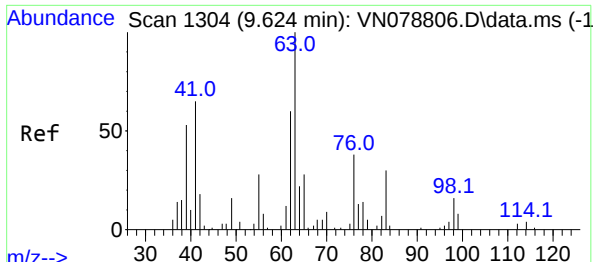
Tgt Ion:130 Resp: 41342
Ion Ratio Lower Upper
130 100
95 89.4 78.2 117.4



#38
Methylcyclohexane
Concen: 19.493 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 83 Resp: 49111
Ion Ratio Lower Upper
83 100
55 82.5 34.0 102.0
98 48.2 23.0 69.0

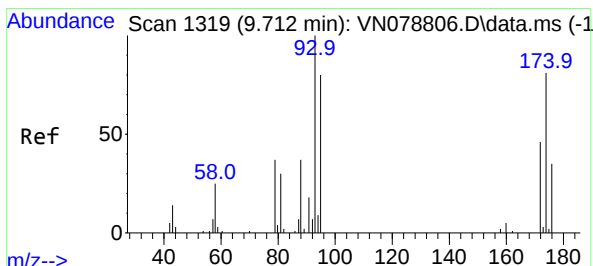
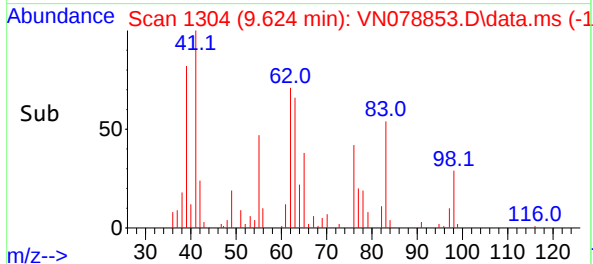
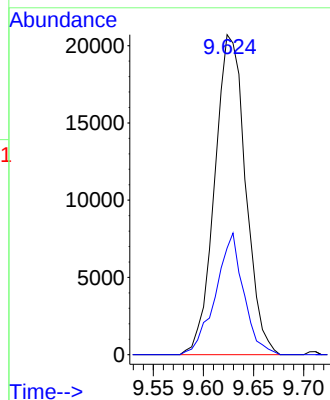
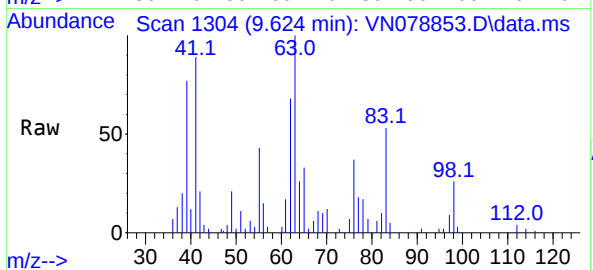




#39
1,2-Dichloropropane
Concen: 20.714 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

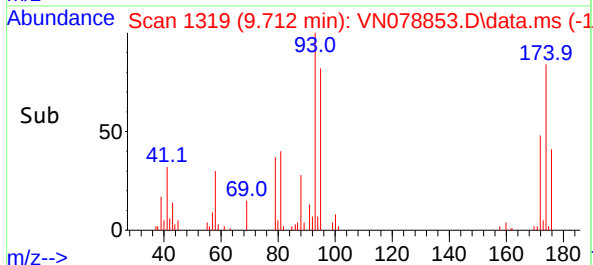
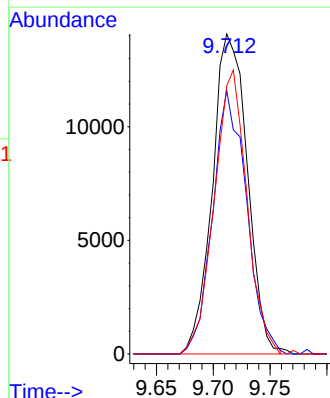
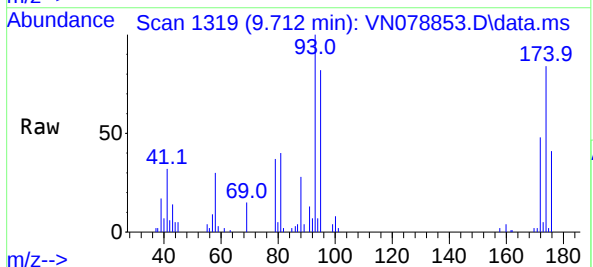
Instrument :
MSVOA_N
ClientSampleId :
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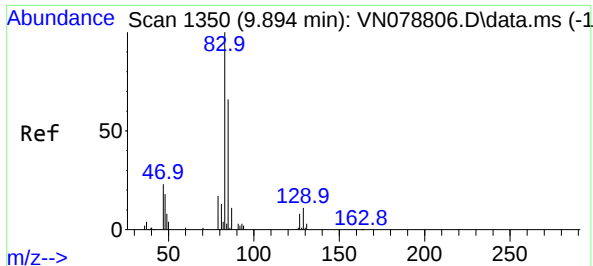
Tgt Ion: 63 Resp: 44376
Ion Ratio Lower Upper
63 100
65 33.3 27.4 41.2



#40
Dibromomethane
Concen: 21.097 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 93 Resp: 30095
Ion Ratio Lower Upper
93 100
95 79.5 0.0 167.8
174 82.9 0.0 180.8

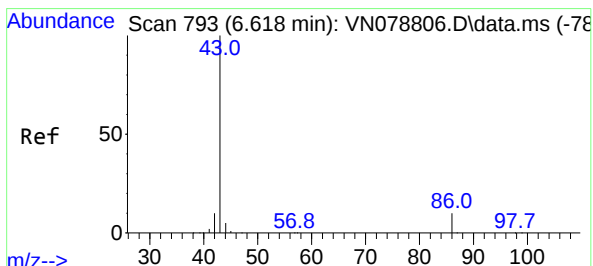
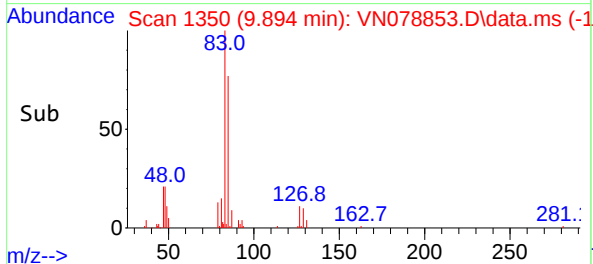
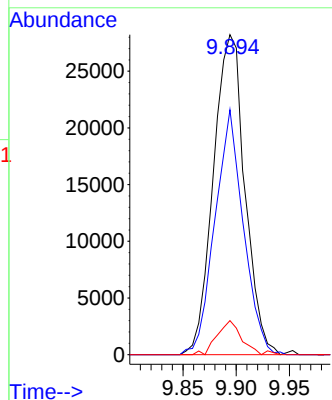
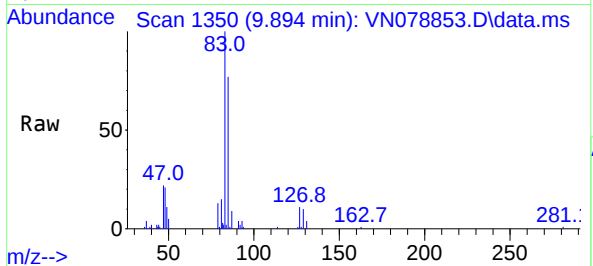




#41
Bromodichloromethane
Concen: 20.209 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

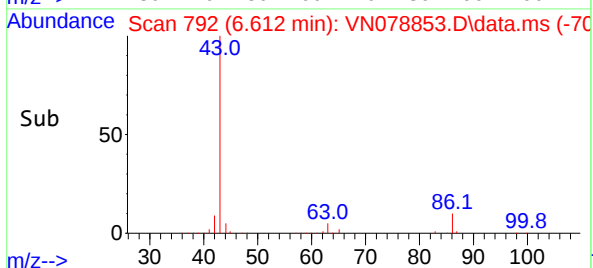
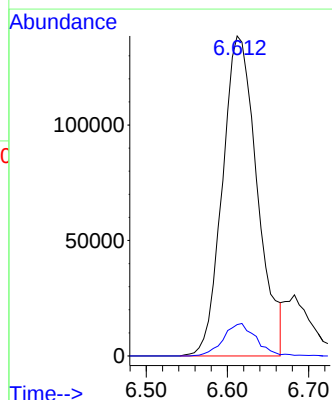
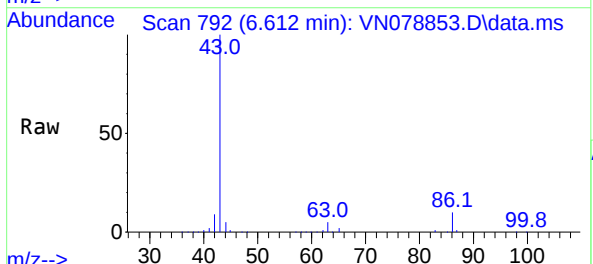
Instrument :
MSVOA_N
ClientSampleId :
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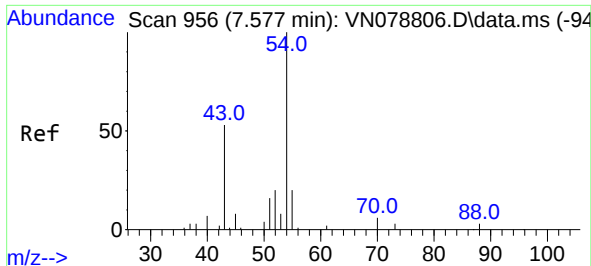
Tgt Ion: 83 Resp: 58088
Ion Ratio Lower Upper
83 100
85 76.6 54.1 81.1
127 12.0 7.8 11.6#



#42
Vinyl Acetate
Concen: 100.630 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 43 Resp: 413030
Ion Ratio Lower Upper
43 100
86 9.4 9.4 14.0

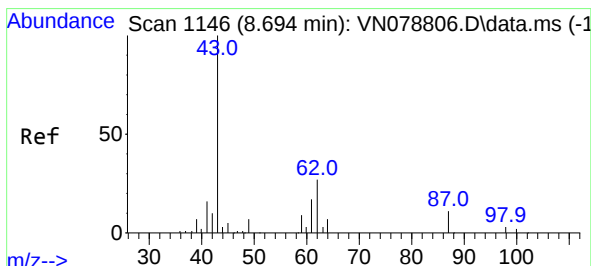
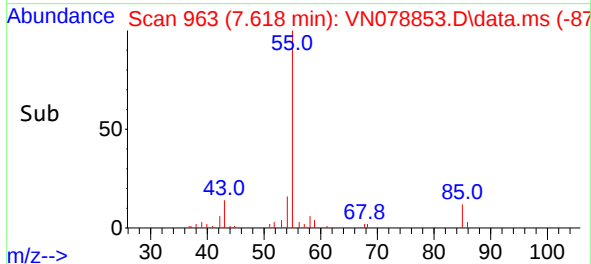
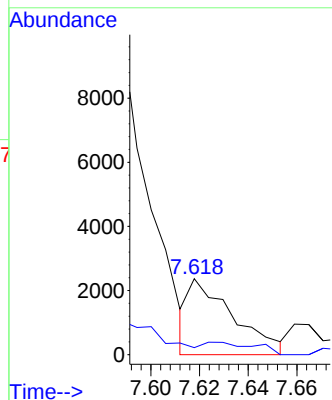
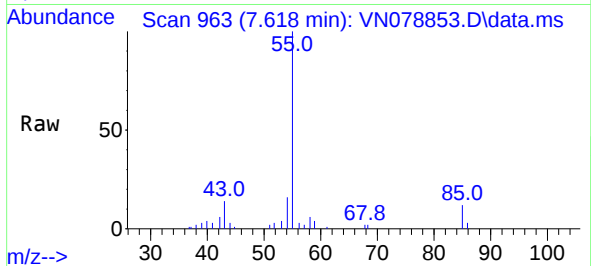




#43
Ethyl Acetate
Concen: 1.124 ug/l
RT: 7.618 min Scan# 91
Delta R.T. 0.041 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

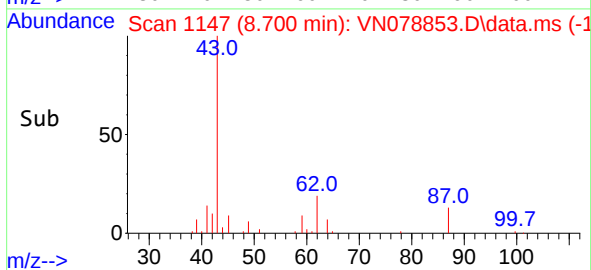
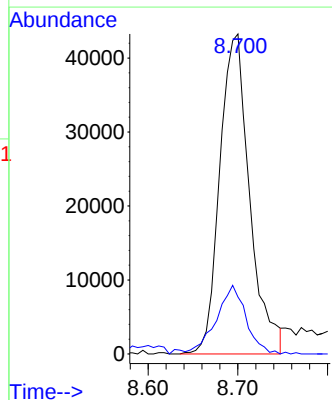
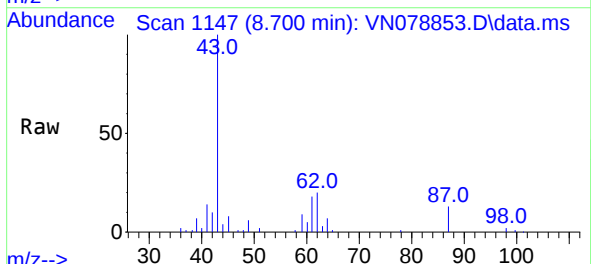
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

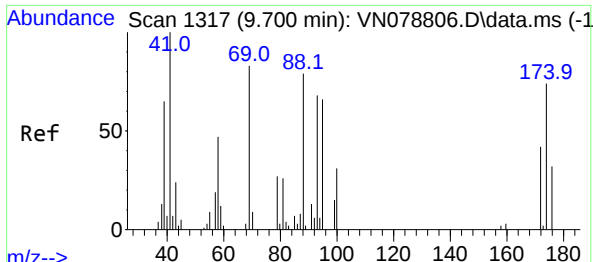
Tgt Ion: 43 Resp: 3043
Ion Ratio Lower Upper
43 100
45 12.0 10.9 16.3



#44
Isopropyl Acetate
Concen: 20.565 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 43 Resp: 99986
Ion Ratio Lower Upper
43 100
61 21.3 23.0 34.6#

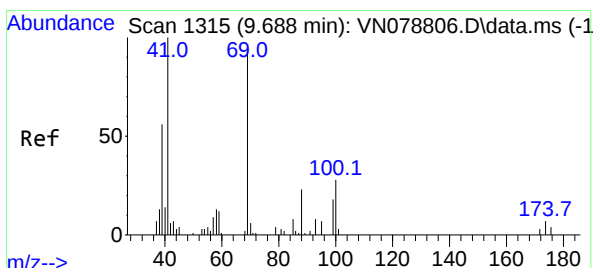
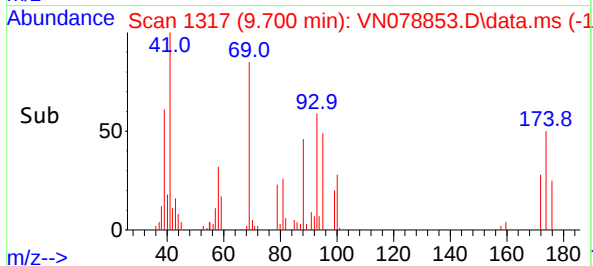
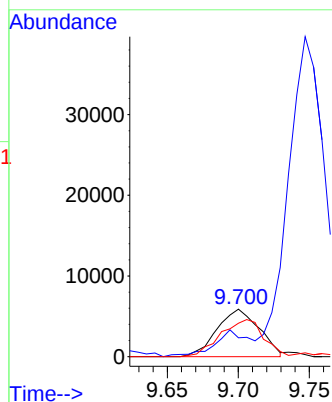
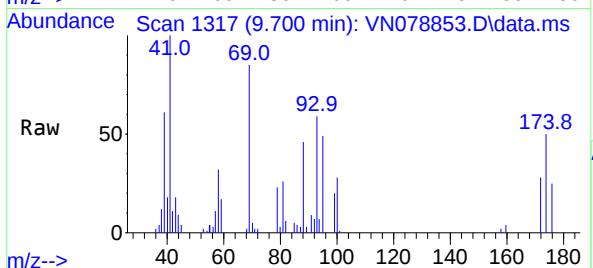




#45
1,4-Dioxane
Concen: 372.966 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

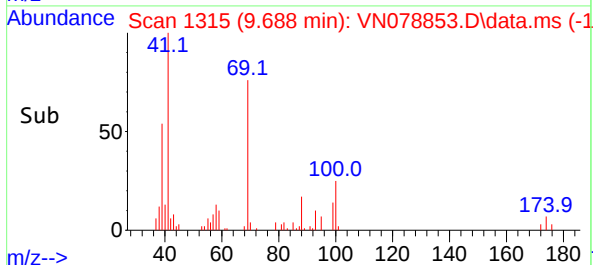
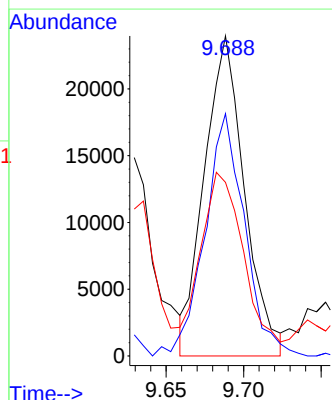
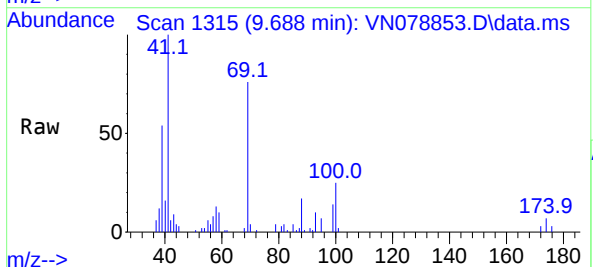
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

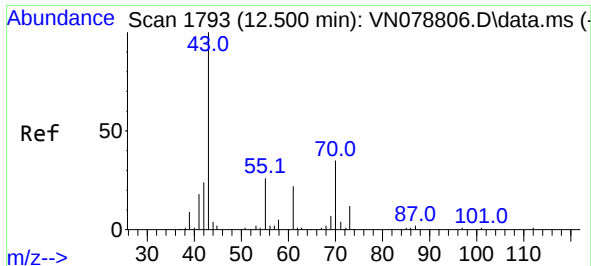
Tgt Ion: 88 Resp: 12166
Ion Ratio Lower Upper
88 100
43 40.2 19.0 28.6#
58 79.6 48.2 72.2#



#46
Methyl methacrylate
Concen: 20.883 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 41 Resp: 42994
Ion Ratio Lower Upper
41 100
69 77.4 49.0 147.0
39 53.8 31.6 94.8

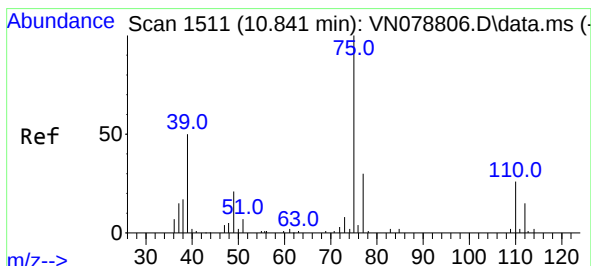
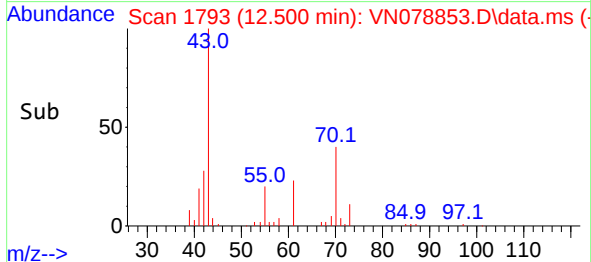
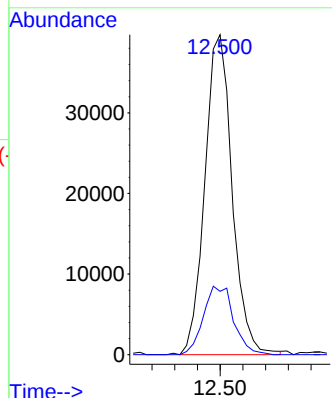
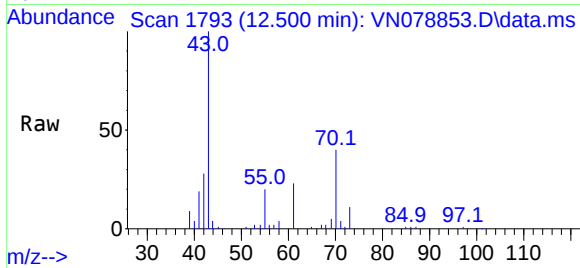




#47
n-amyl acetate
Concen: 19.508 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

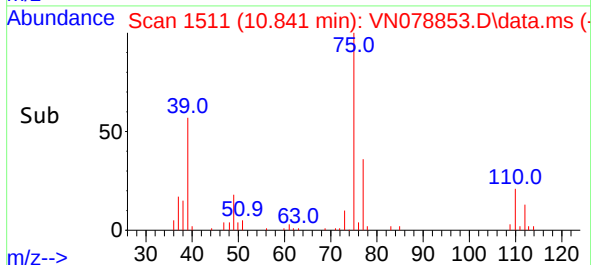
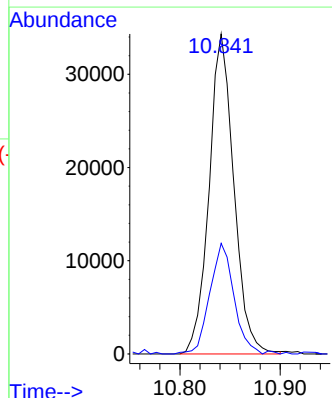
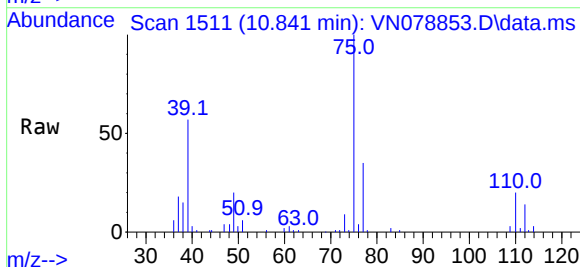
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

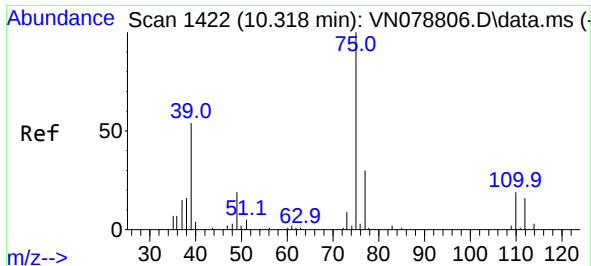
Tgt Ion: 43 Resp: 66309
Ion Ratio Lower Upper
43 100
55 23.6 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 20.329 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 75 Resp: 59004
Ion Ratio Lower Upper
75 100
77 34.5 26.1 39.1

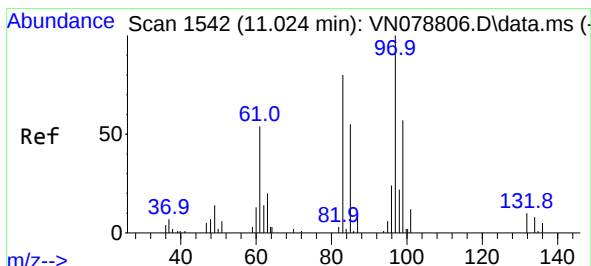
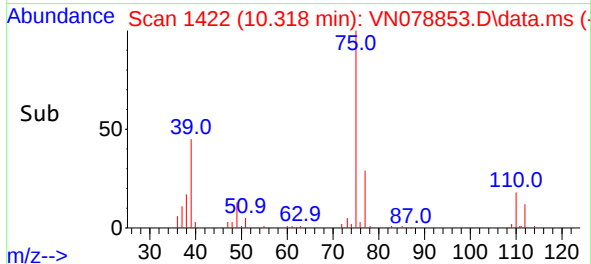
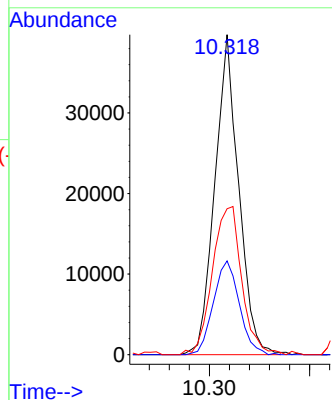
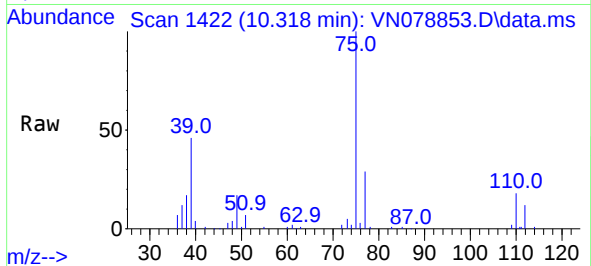




#49
cis-1,3-Dichloropropene
Concen: 20.271 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

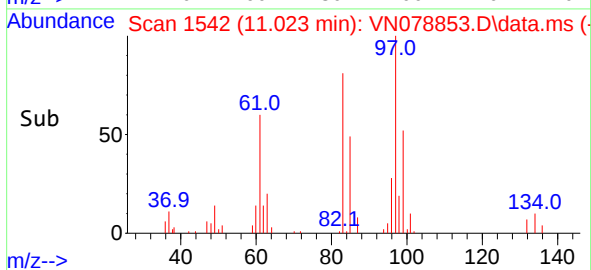
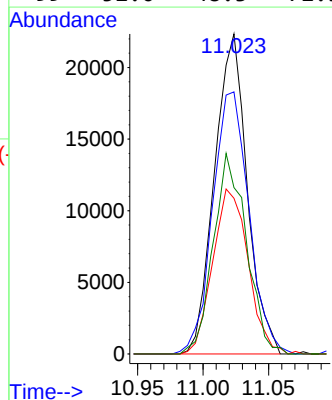
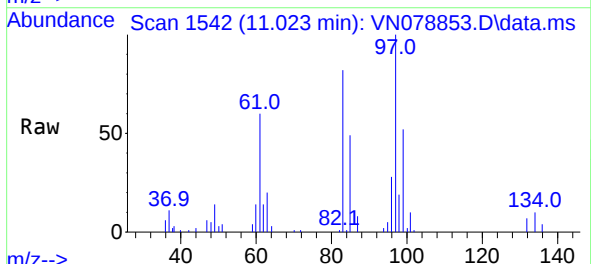
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

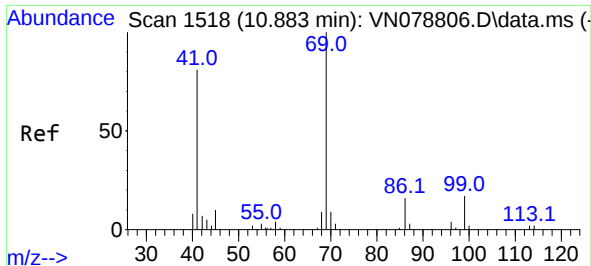
Tgt Ion: 75 Resp: 65430
Ion Ratio Lower Upper
75 100
77 29.3 24.0 36.0
39 45.6 35.1 52.7



#50
1,1,2-Trichloroethane
Concen: 19.985 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 97 Resp: 38738
Ion Ratio Lower Upper
97 100
83 81.1 66.8 100.2
85 48.7 42.5 63.7
99 52.0 48.3 72.5

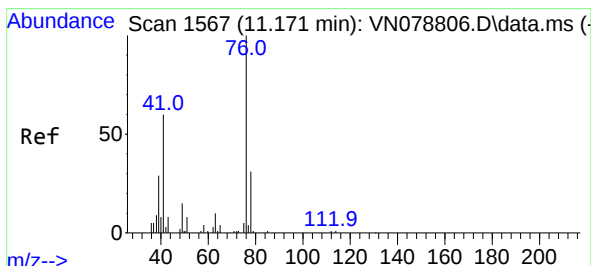
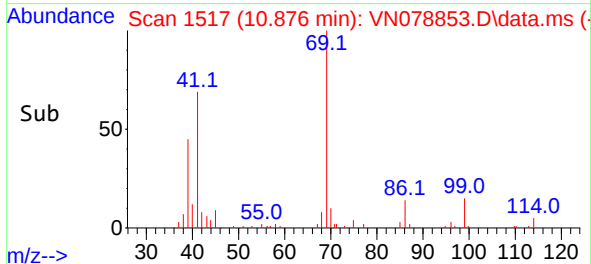
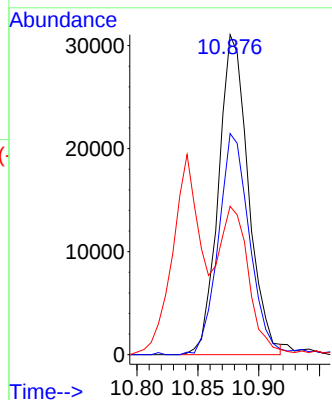
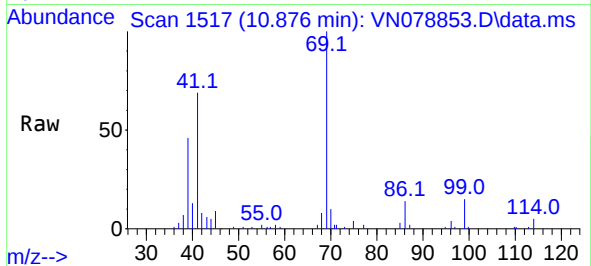




#51
Ethyl methacrylate
Concen: 19.538 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

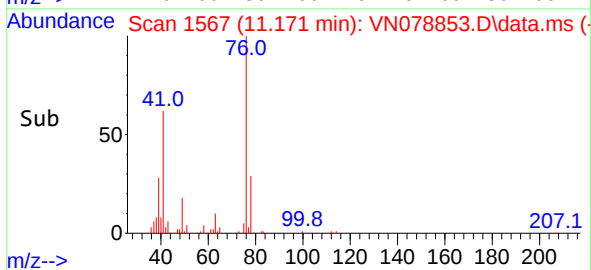
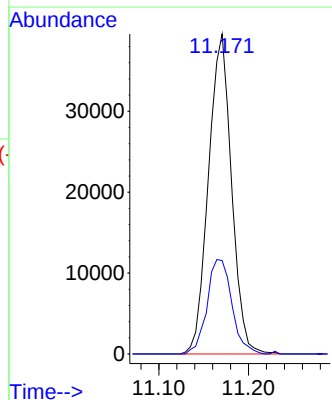
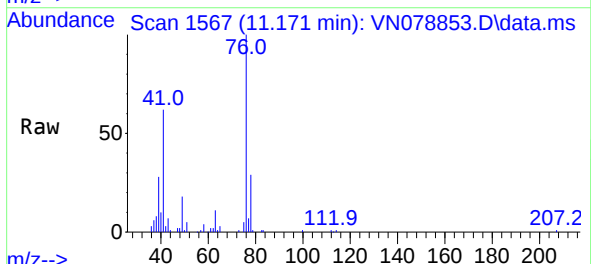
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

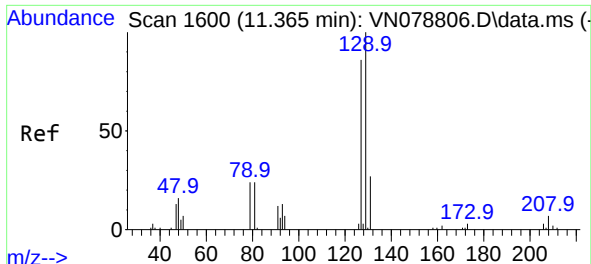
Tgt Ion: 69 Resp: 53085
Ion Ratio Lower Upper
69 100
41 69.1 26.0 78.0
39 44.7 16.3 48.9



#52
1,3-Dichloropropane
Concen: 21.236 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 76 Resp: 70681
Ion Ratio Lower Upper
76 100
78 31.7 0.0 66.2

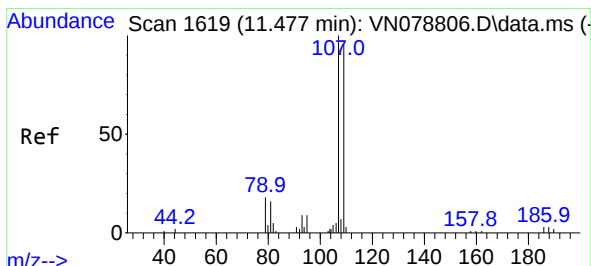
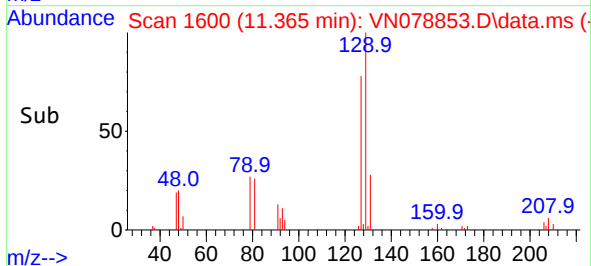
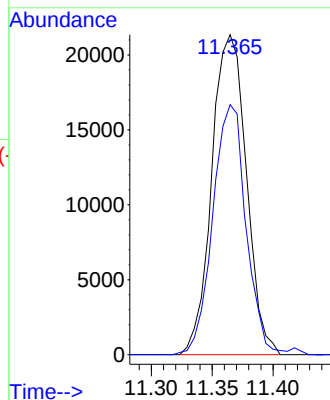
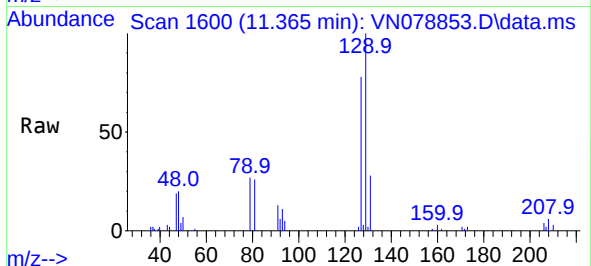




#53
Dibromochloromethane
Concen: 20.828 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

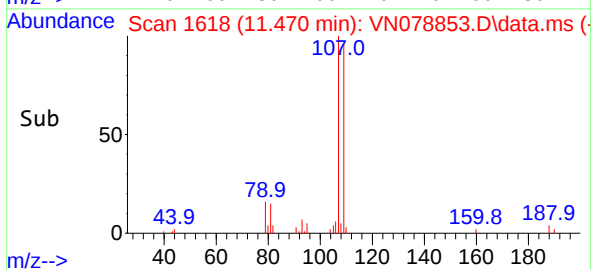
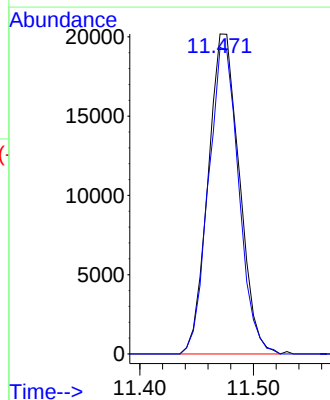
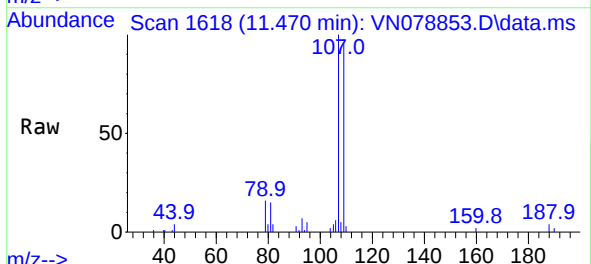
Instrument :
MSVOA_N
ClientSampleId :
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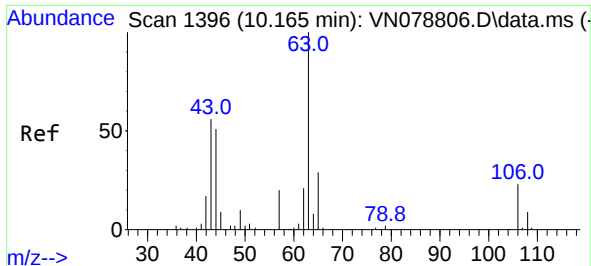
Tgt Ion:129 Resp: 42136
Ion Ratio Lower Upper
129 100
127 75.0 39.4 118.1



#54
1,2-Dibromoethane
Concen: 20.361 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion:107 Resp: 38558
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

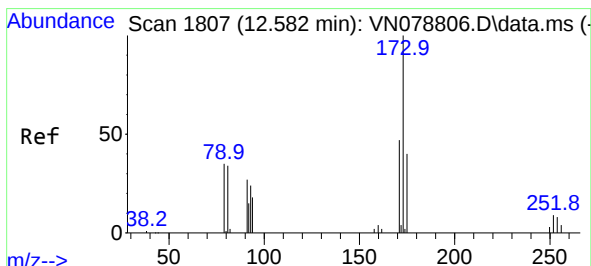
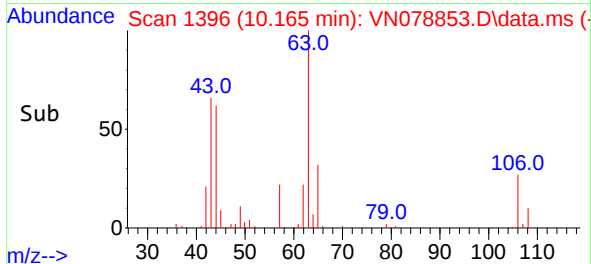
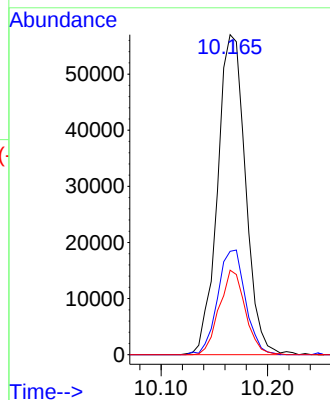
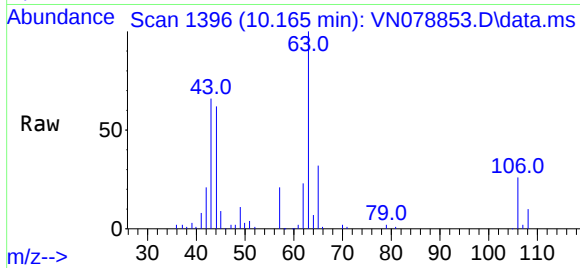




#55
2-Chloroethyl vinyl ether
Concen: 103.535 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

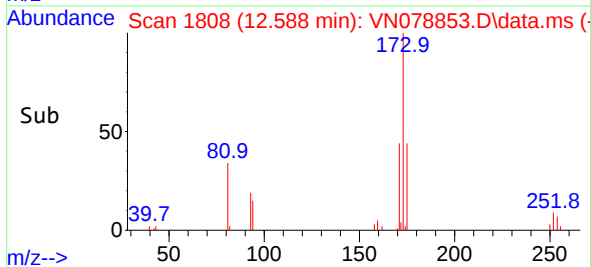
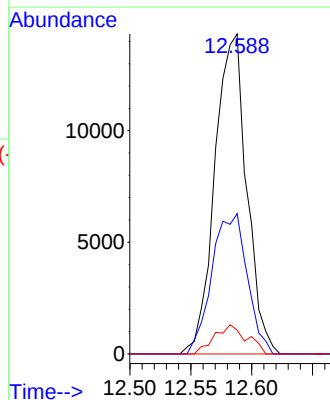
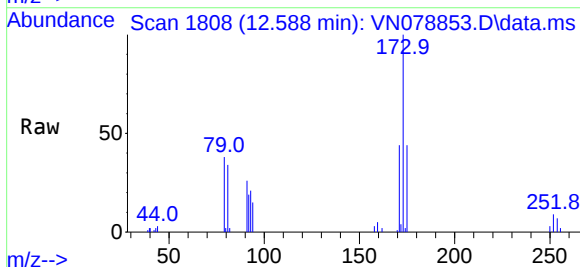
Instrument :
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ClientSampleId :
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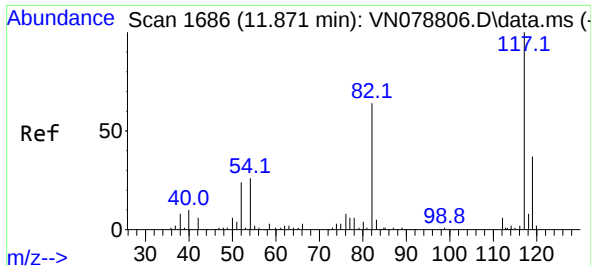
Tgt Ion: 63 Resp: 103743
Ion Ratio Lower Upper
63 100
65 32.6 26.3 39.5
106 24.5 23.8 35.6



#56
Bromoform
Concen: 20.602 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 173 Resp: 26092
Ion Ratio Lower Upper
173 100
175 48.5 40.7 61.1
254 7.6 6.5 9.7

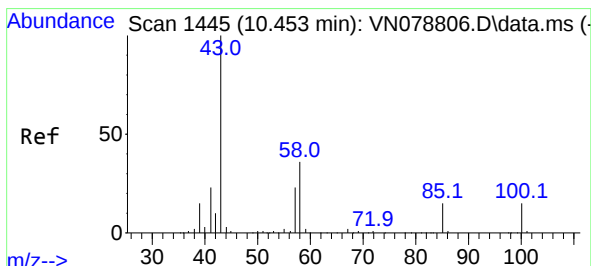
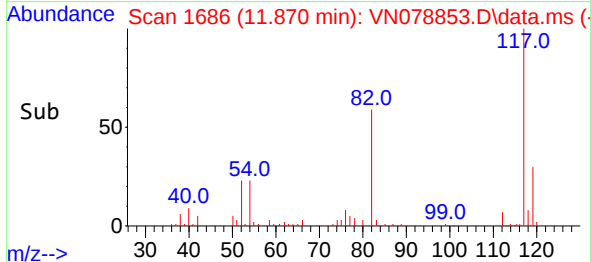
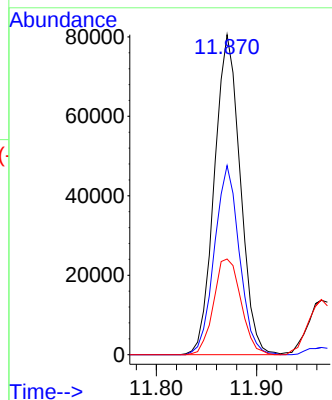
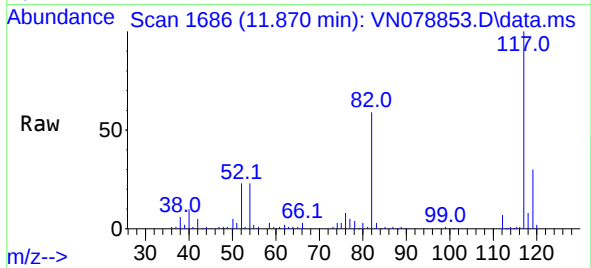




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

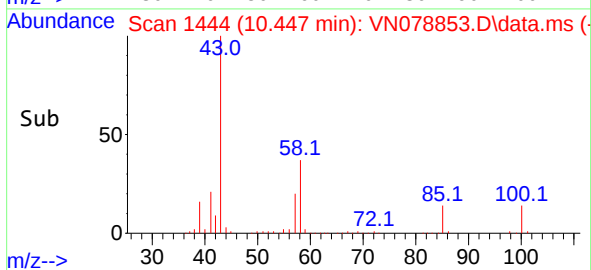
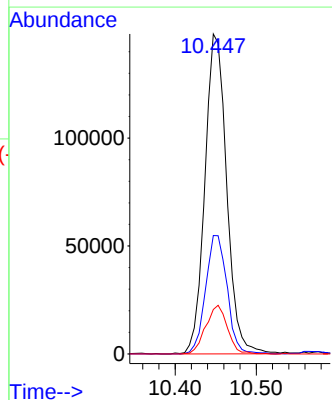
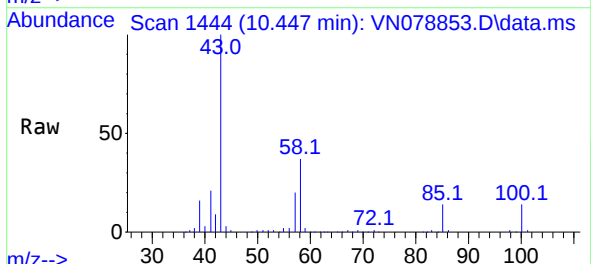
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

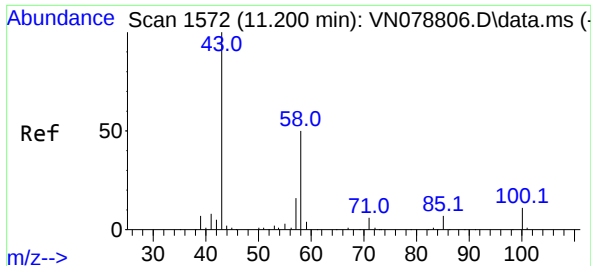
Tgt Ion:117 Resp: 144198
Ion Ratio Lower Upper
117 100
82 57.1 43.9 65.9
119 31.7 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 99.752 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 43 Resp: 276478
Ion Ratio Lower Upper
43 100
58 36.5 32.6 48.8
85 15.1 16.2 24.2#

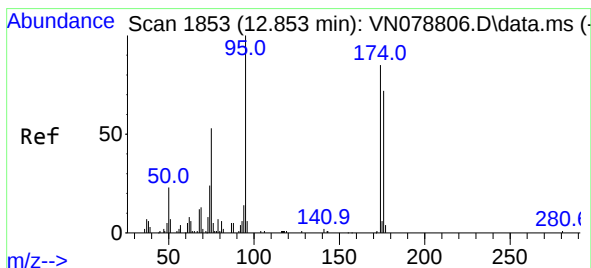
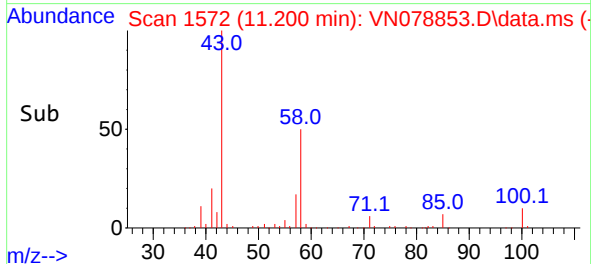
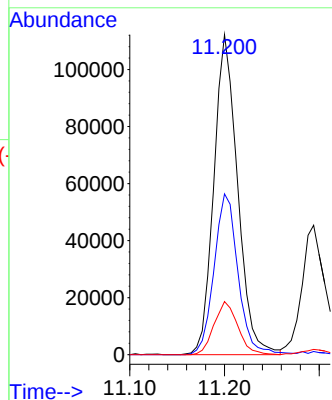
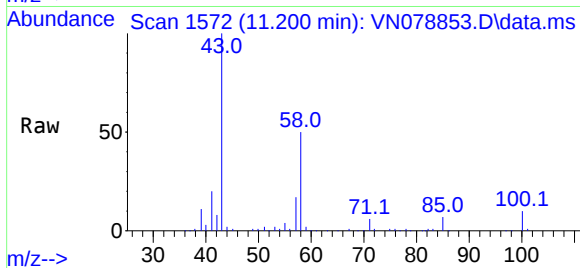




#59
2-Hexanone
Concen: 101.668 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

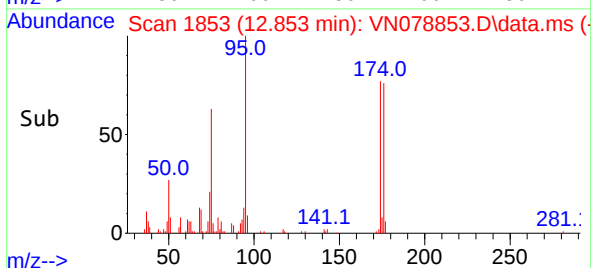
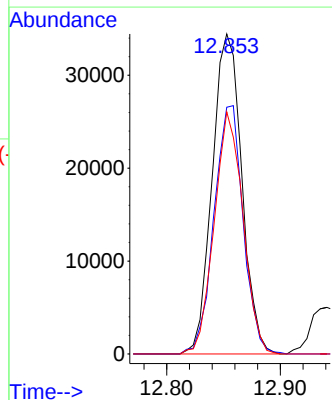
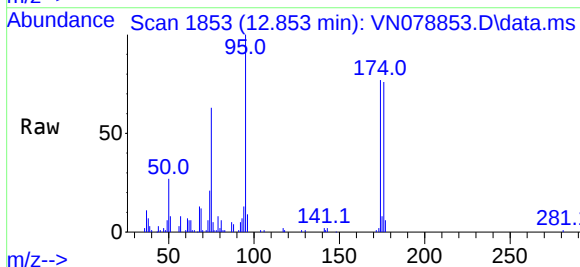
Instrument :
MSVOA_N
ClientSampleId :
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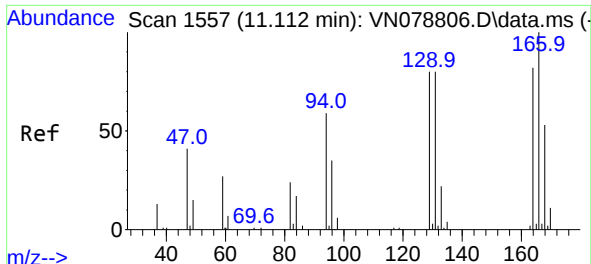
Tgt Ion: 43 Resp: 195817
Ion Ratio Lower Upper
43 100
58 50.9 45.9 68.9
57 16.6 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 30.748 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 95 Resp: 62237
Ion Ratio Lower Upper
95 100
174 76.5 61.7 92.5
176 73.6 58.1 87.1

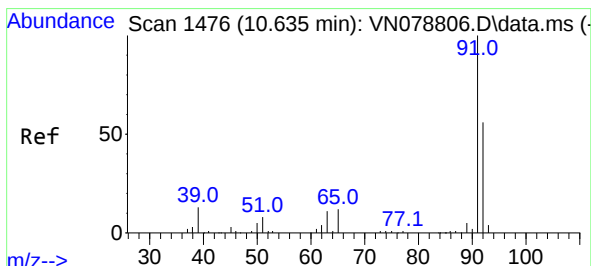
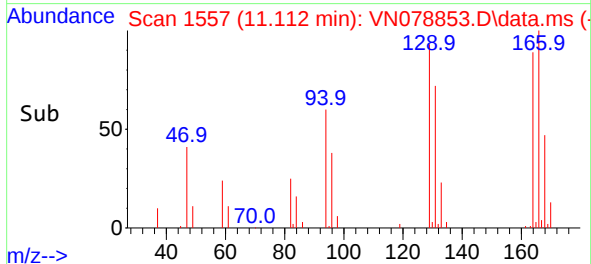
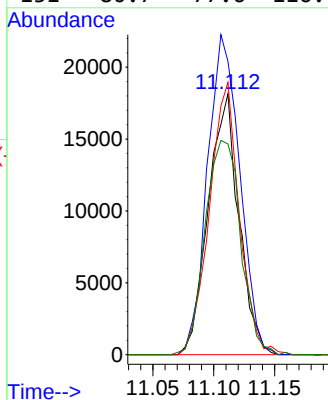
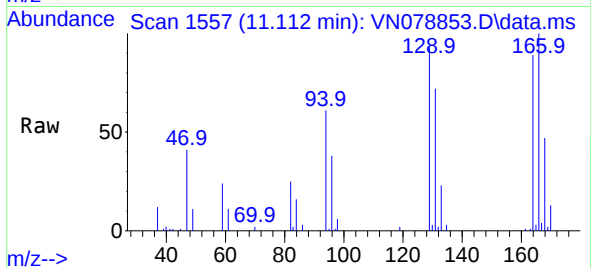




#61
Tetrachloroethene
Concen: 19.241 ug/l
RT: 11.112 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

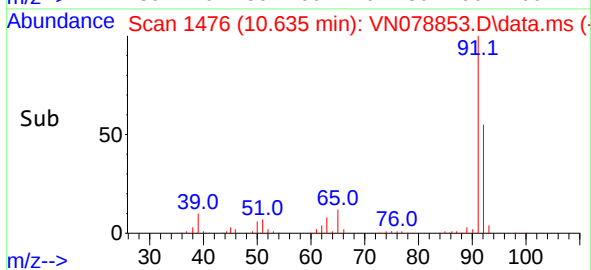
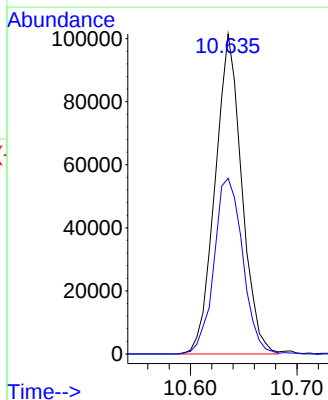
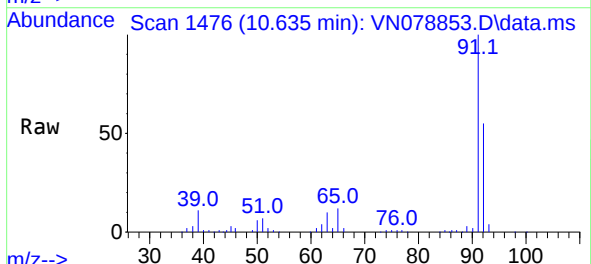
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

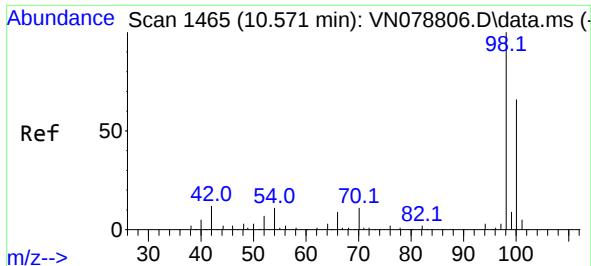
Tgt Ion:164 Resp: 31743
Ion Ratio Lower Upper
164 100
166 112.3 99.1 148.7
129 104.3 85.6 128.4
131 80.7 77.6 116.4



#62
Toluene
Concen: 20.759 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 91 Resp: 176231
Ion Ratio Lower Upper
91 100
92 59.1 45.2 67.8

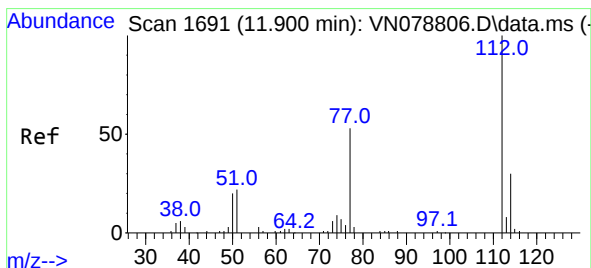
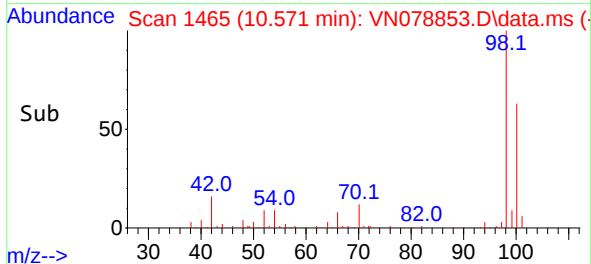
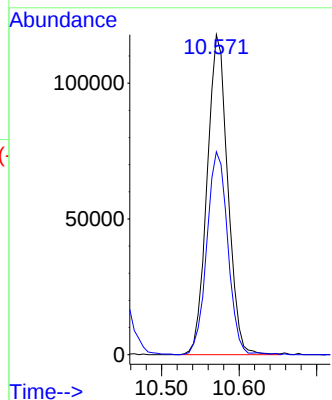
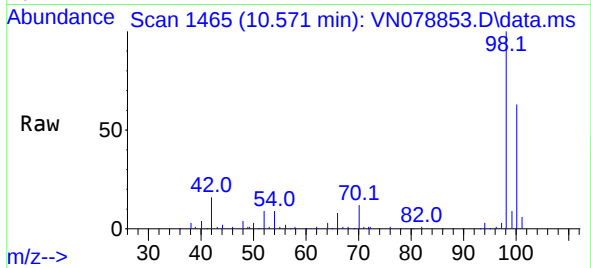




#63
Toluene-d8
Concen: 30.849 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

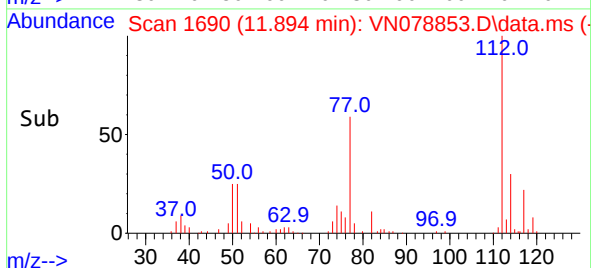
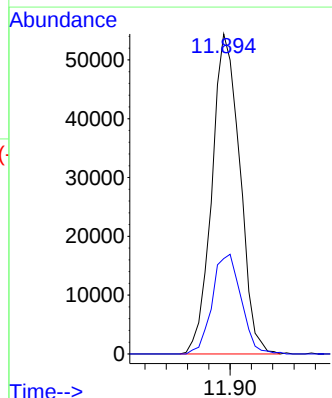
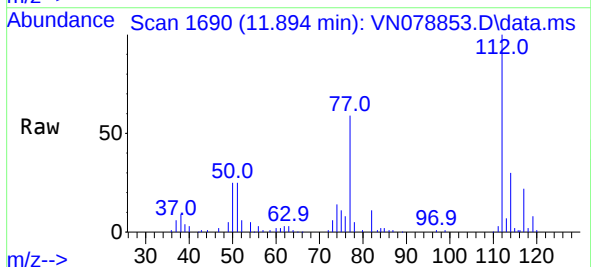
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

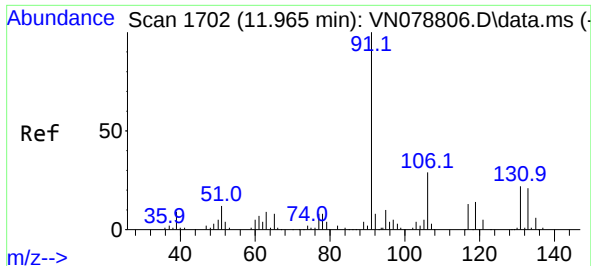
Tgt Ion: 98 Resp: 217983
Ion Ratio Lower Upper
98 100
100 64.2 49.7 74.5



#64
Chlorobenzene
Concen: 19.923 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 112 Resp: 99017
Ion Ratio Lower Upper
112 100
114 29.8 25.9 38.9

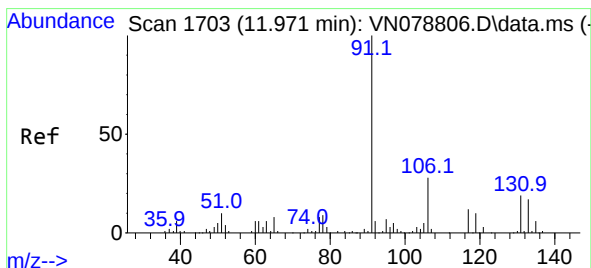
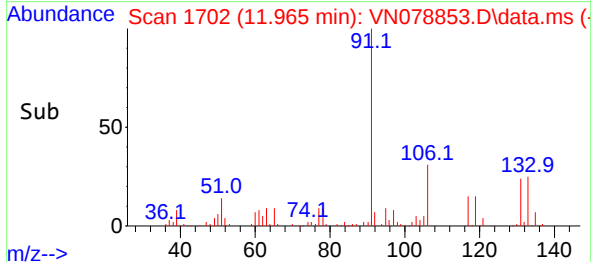
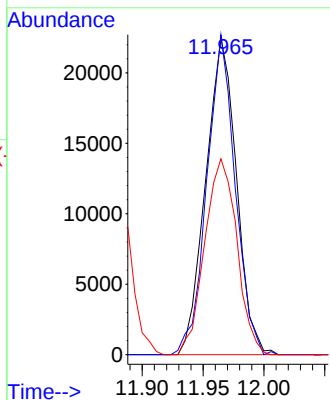
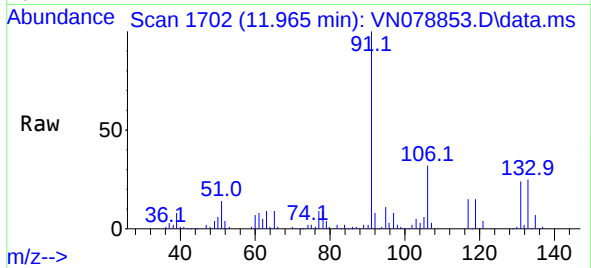




#65
1,1,1,2-Tetrachloroethane
Concen: 20.600 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

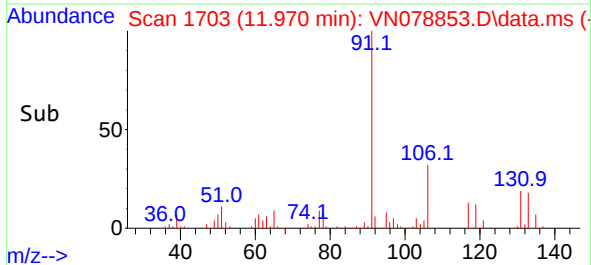
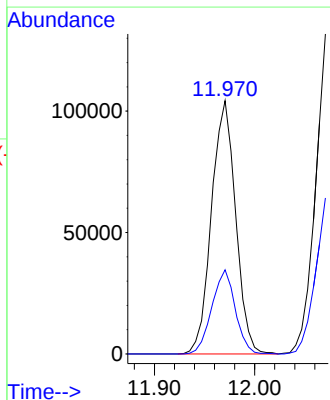
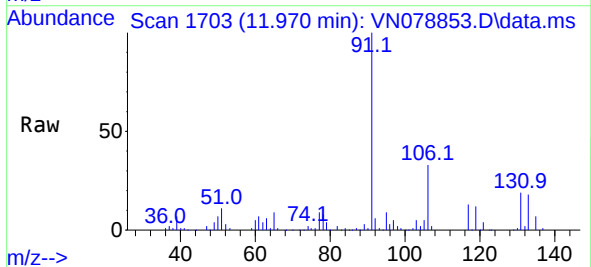
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

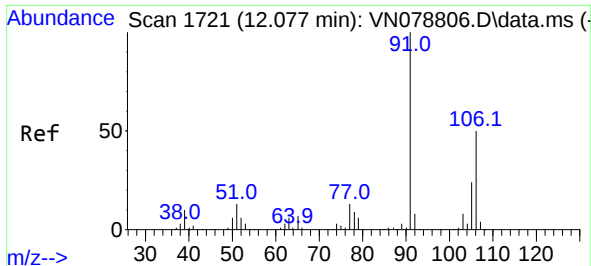
Tgt Ion:131 Resp: 39444
Ion Ratio Lower Upper
131 100
133 93.0 0.0 191.8
119 64.9 0.0 132.0



#66
Ethyl Benzene
Concen: 19.807 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 91 Resp: 174639
Ion Ratio Lower Upper
91 100
106 33.2 25.6 38.4

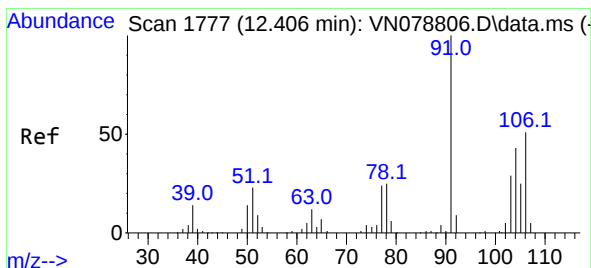
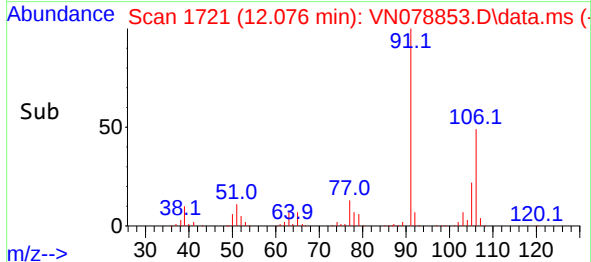
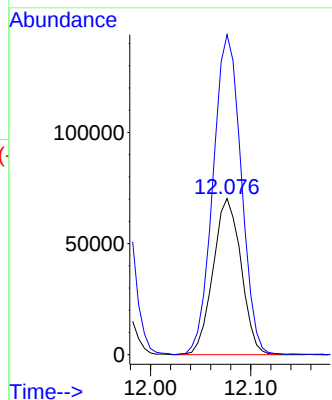
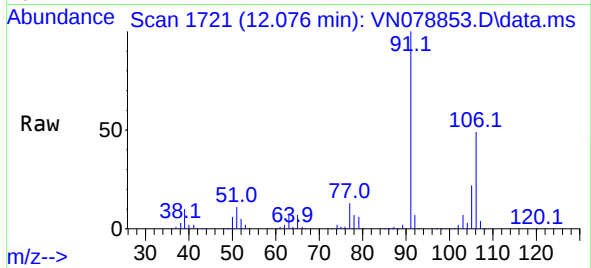




#67
m/p-Xylenes
Concen: 42.126 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

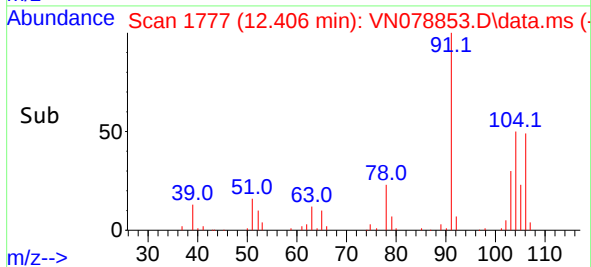
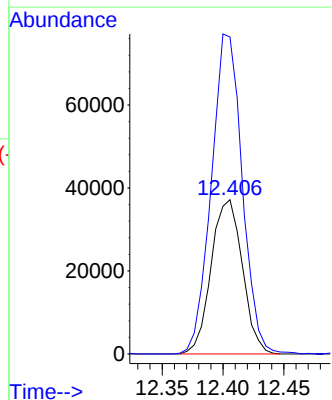
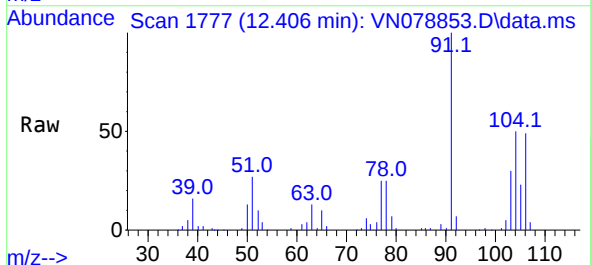
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

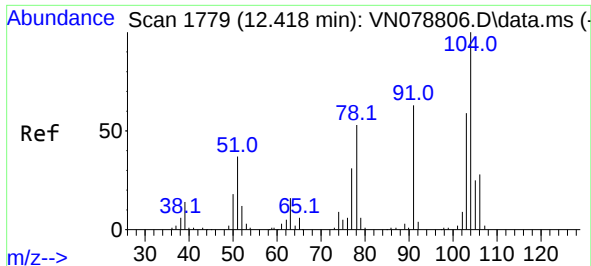
Tgt Ion:106 Resp: 136188
Ion Ratio Lower Upper
106 100
91 206.5 162.5 243.7



#68
o-Xylene
Concen: 20.619 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion:106 Resp: 66349
Ion Ratio Lower Upper
106 100
91 205.2 106.1 318.3

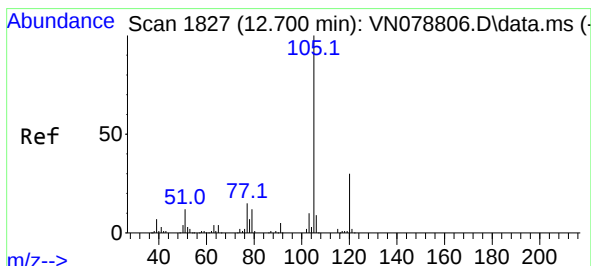
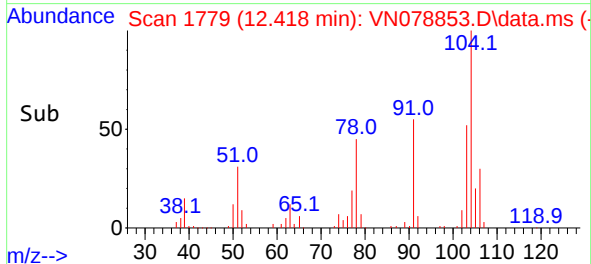
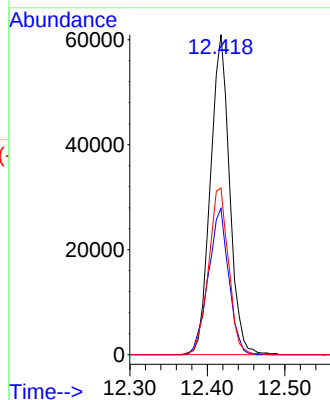
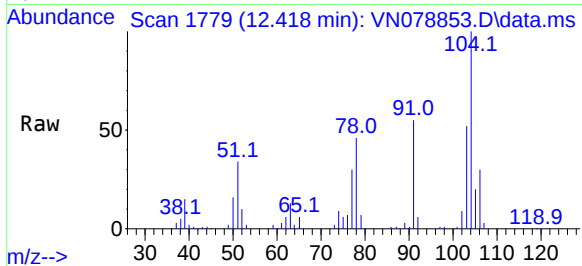




#69
Styrene
Concen: 21.350 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

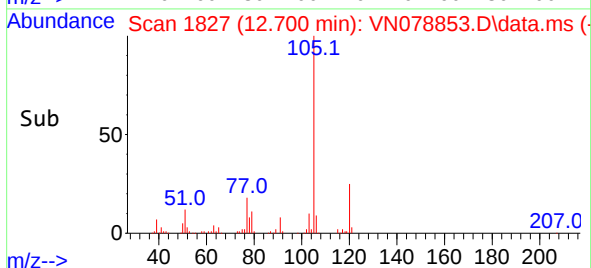
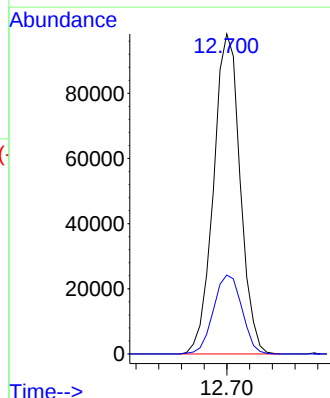
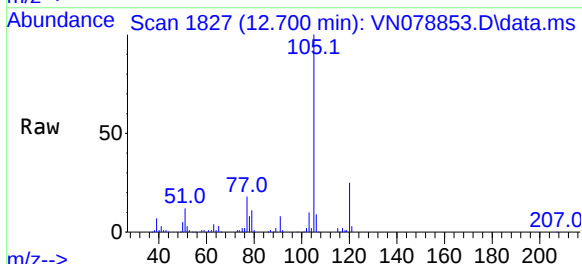
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

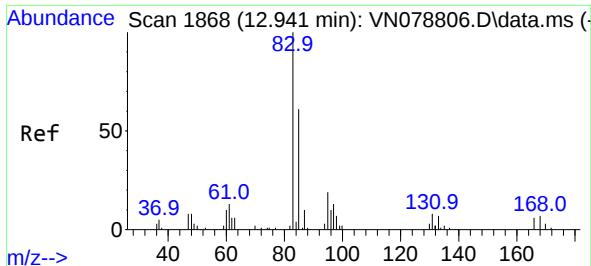
Tgt Ion:104 Resp: 104977
Ion Ratio Lower Upper
104 100
78 48.3 40.1 60.1
103 54.1 45.1 67.7



#70
Isopropylbenzene
Concen: 20.130 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion:105 Resp: 160001
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1

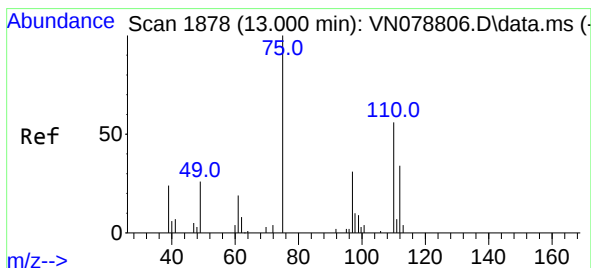
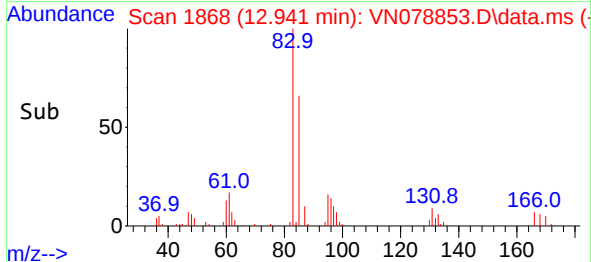
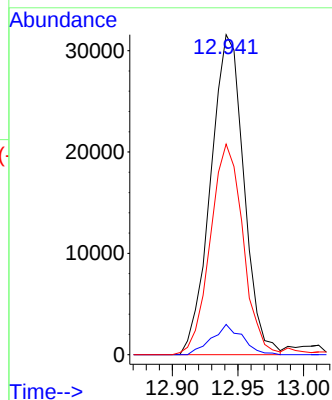
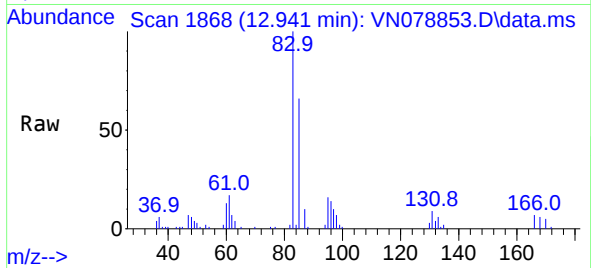




#71
1,1,2,2-Tetrachloroethane
Concen: 20.647 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

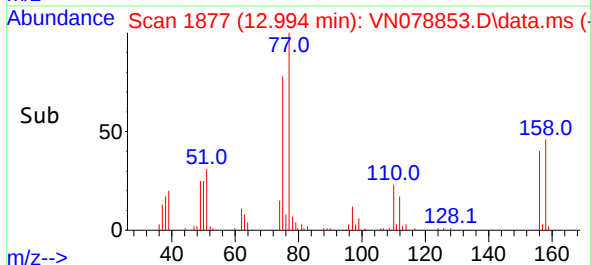
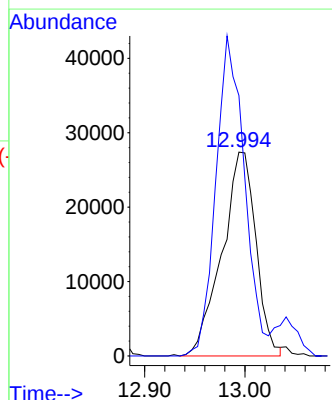
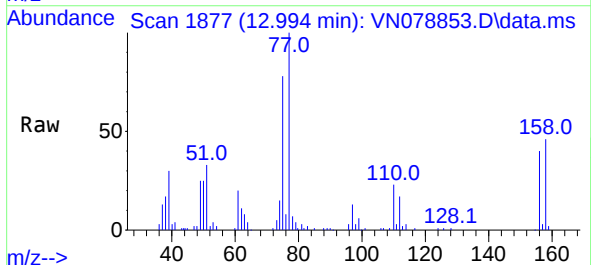
Instrument :
MSVOA_N
ClientSampleId :
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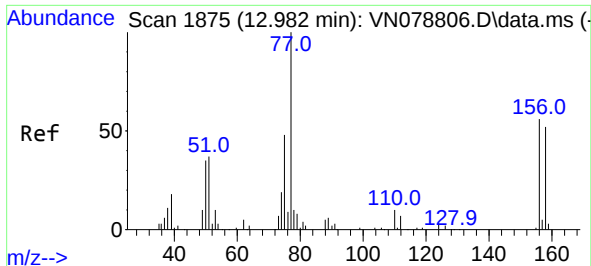
Tgt Ion: 83 Resp: 55611
Ion Ratio Lower Upper
83 100
131 8.8 4.8 14.4
85 64.7 32.6 98.0



#72
1,2,3-Trichloropropane
Concen: 27.486 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 75 Resp: 64622
Ion Ratio Lower Upper
75 100
77 132.4 0.0 387.4

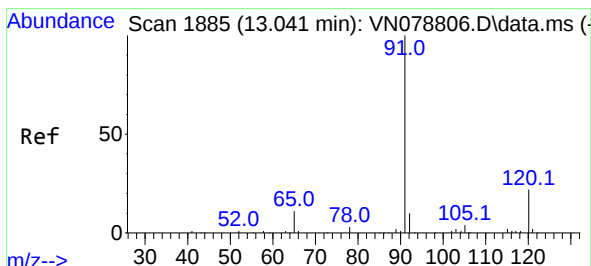
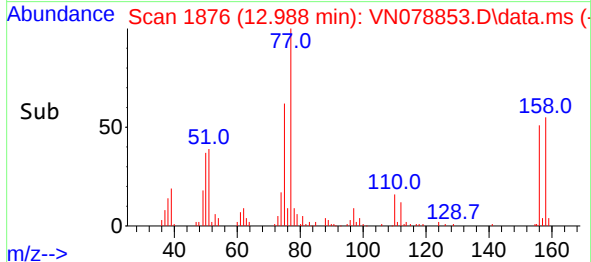
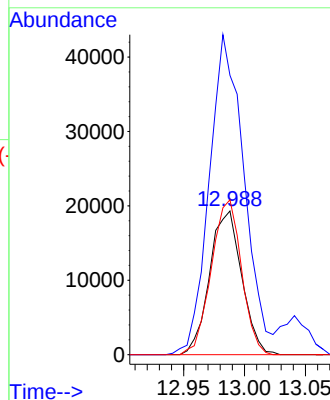
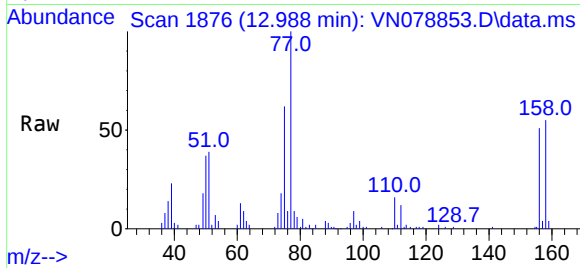




#73
Bromobenzene
Concen: 18.697 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

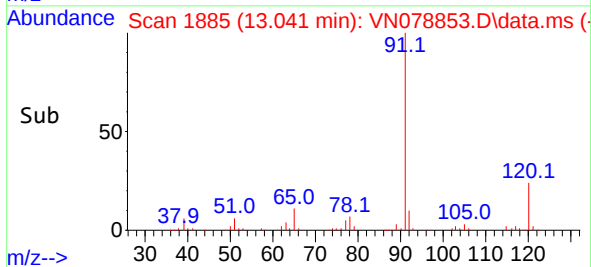
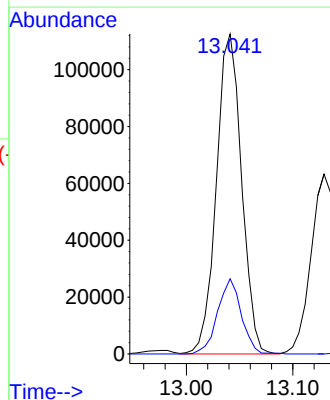
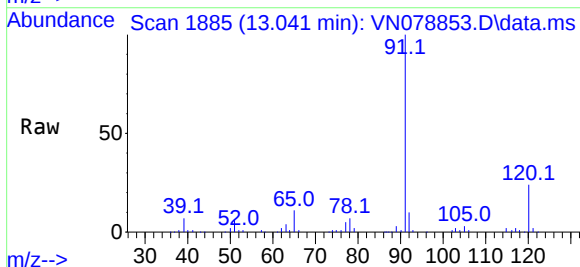
Instrument :
MSVOA_N
ClientSampleId :
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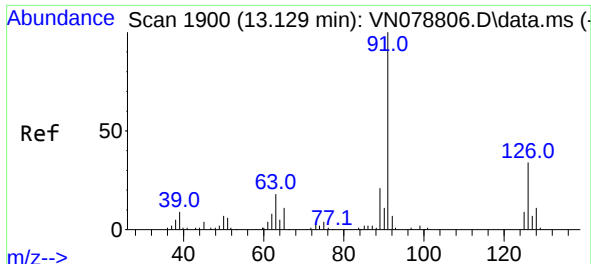
Tgt Ion:156 Resp: 35519
Ion Ratio Lower Upper
156 100
77 240.9 0.0 420.8
158 101.2 0.0 193.2



#74
n-propylbenzene
Concen: 20.999 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 91 Resp: 184695
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.6

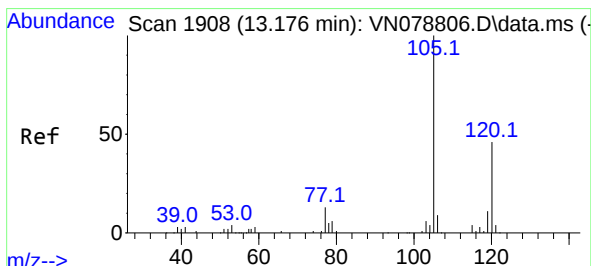
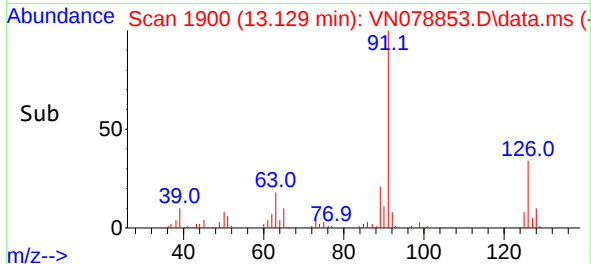
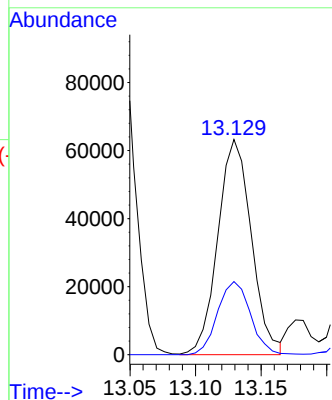
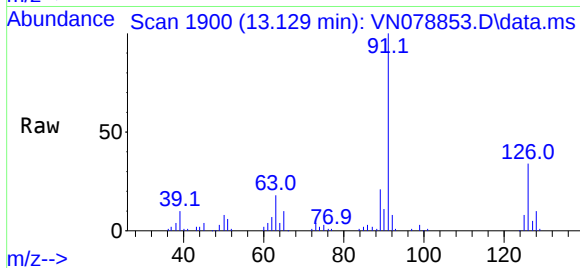




#75
2-Chlorotoluene
Concen: 20.577 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

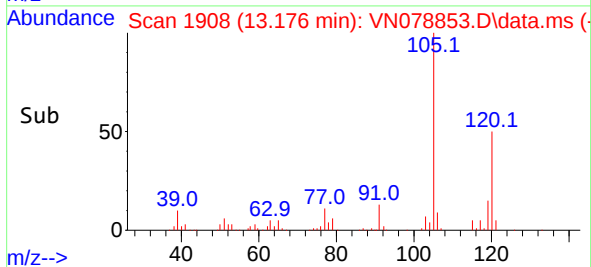
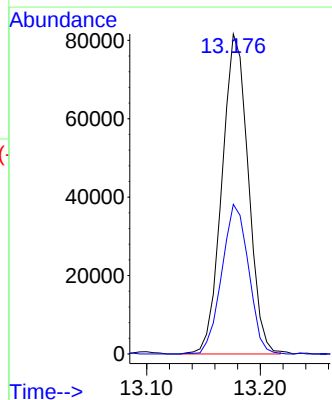
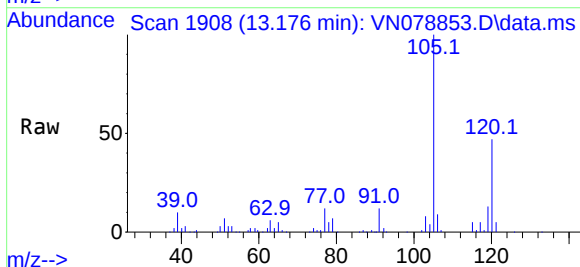
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

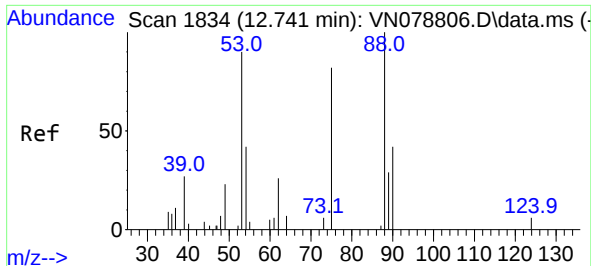
Tgt Ion: 91 Resp: 112742
Ion Ratio Lower Upper
91 100
126 33.3 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 20.811 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 105 Resp: 131377
Ion Ratio Lower Upper
105 100
120 47.5 0.0 97.2

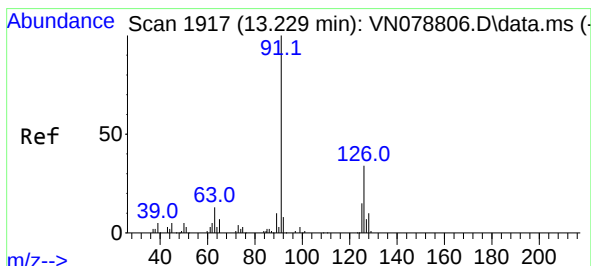
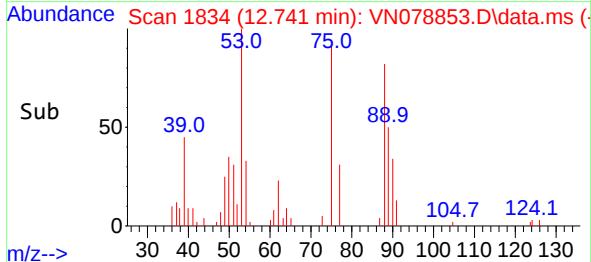
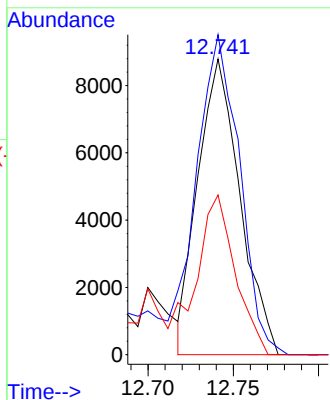
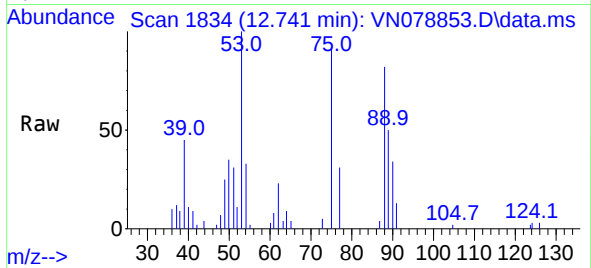




#77
t-1,4-Dichloro-2-butene
Concen: 20.391 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

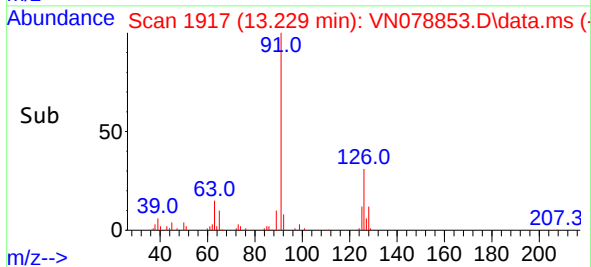
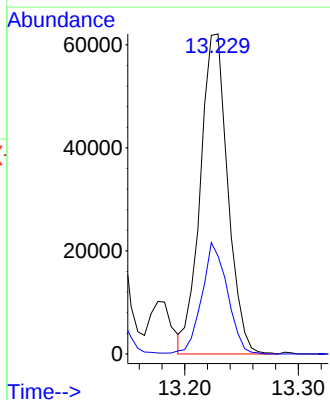
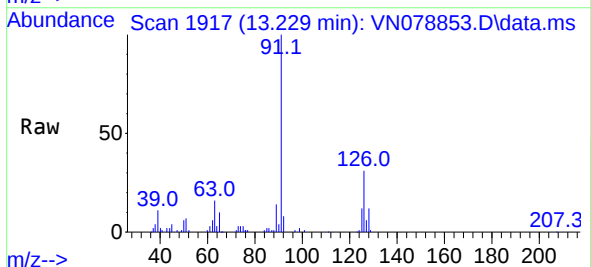
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

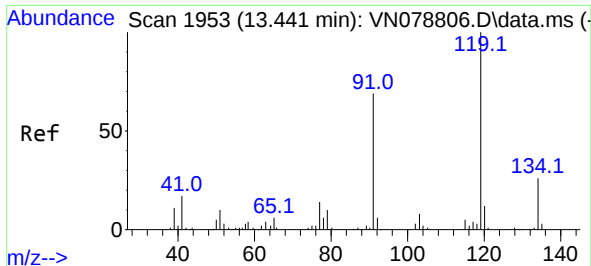
Tgt Ion: 75 Resp: 15048
Ion Ratio Lower Upper
75 100
53 105.9 41.6 124.9
89 54.0 25.1 75.4



#78
4-Chlorotoluene
Concen: 20.538 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 91 Resp: 104395
Ion Ratio Lower Upper
91 100
126 32.4 0.0 68.8

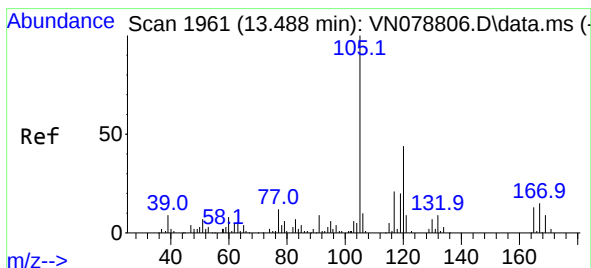
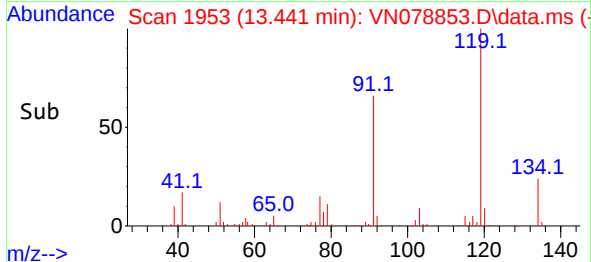
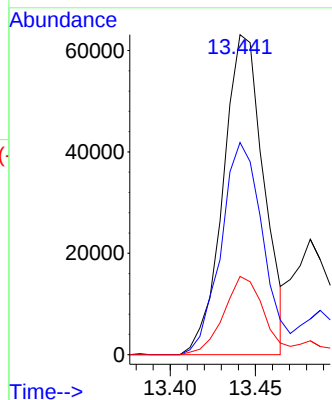
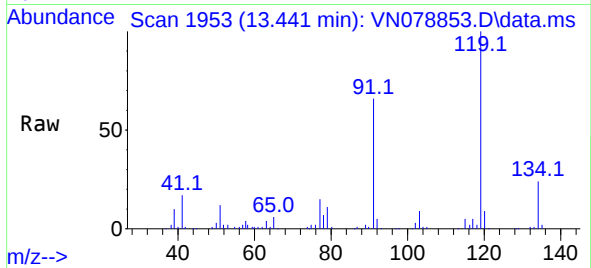




#79
tert-butylbenzene
Concen: 20.233 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

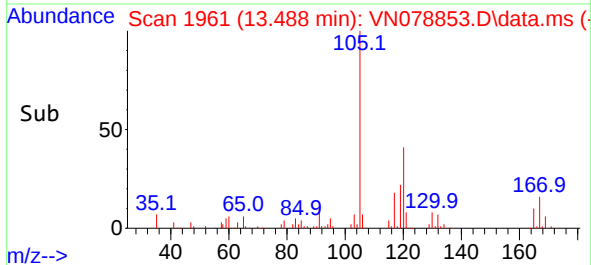
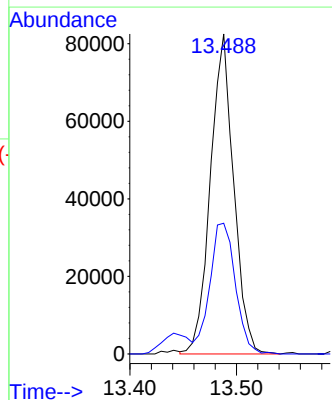
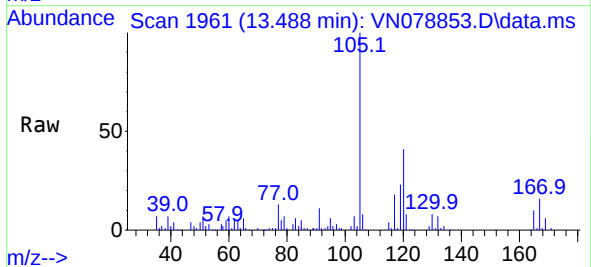
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

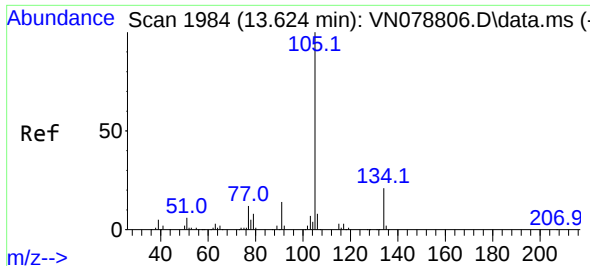
Tgt Ion:119 Resp: 104801
Ion Ratio Lower Upper
119 100
91 68.4 0.0 126.6
134 24.1 0.0 44.0



#80
1,2,4-Trimethylbenzene
Concen: 21.054 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion:105 Resp: 125420
Ion Ratio Lower Upper
105 100
120 44.7 0.0 88.2

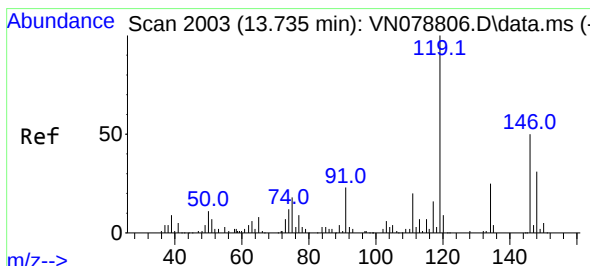
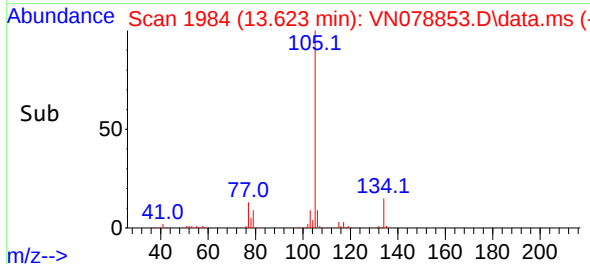
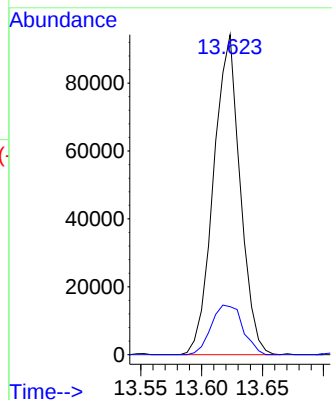
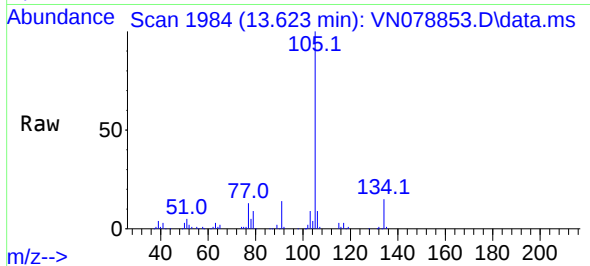




#81
 sec-Butylbenzene
 Concen: 20.666 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078853.D
 Acq: 11 Aug 2023 09:23

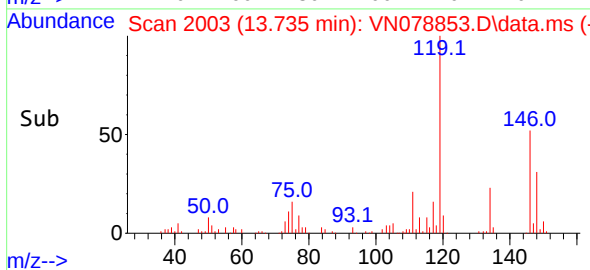
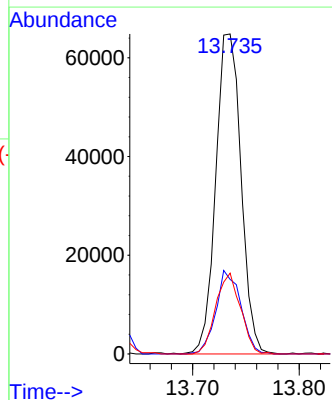
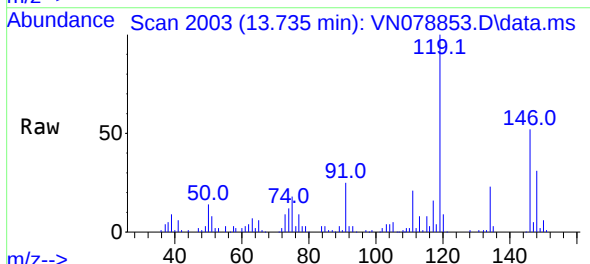
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

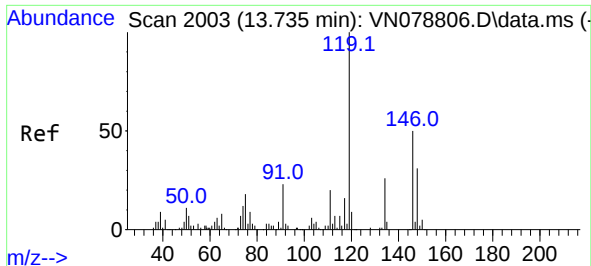
Tgt Ion:105 Resp: 143303
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.656 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078853.D
 Acq: 11 Aug 2023 09:23

Tgt Ion:119 Resp: 106762
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.4
 91 24.9 0.0 48.2

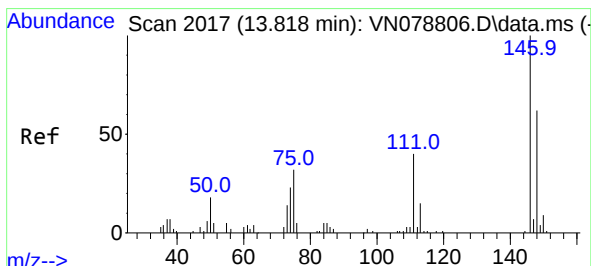
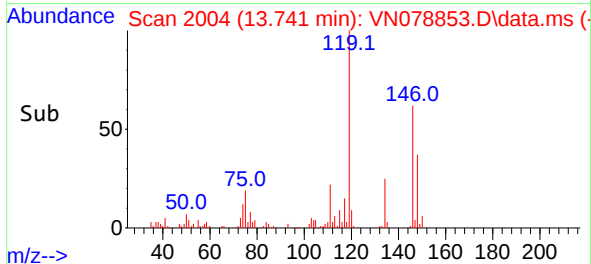
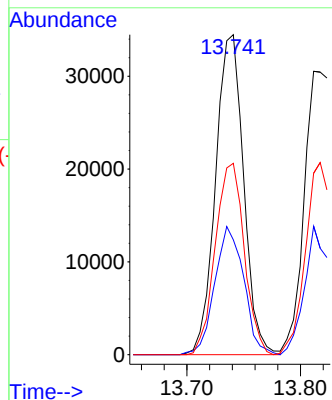
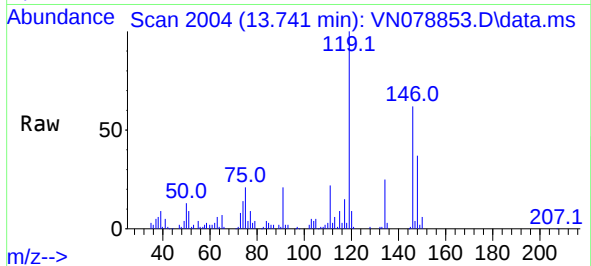




#83
1,3-Dichlorobenzene
Concen: 20.189 ug/l
RT: 13.741 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

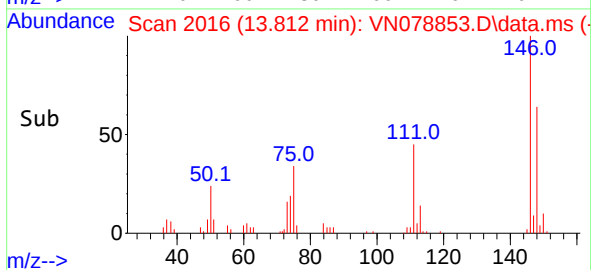
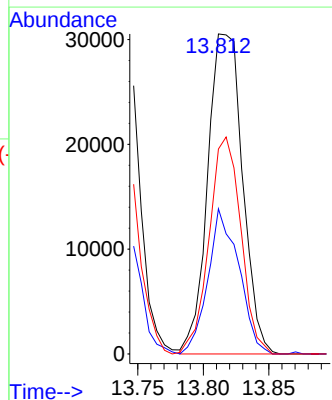
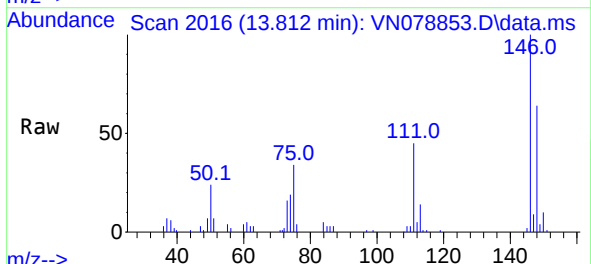
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

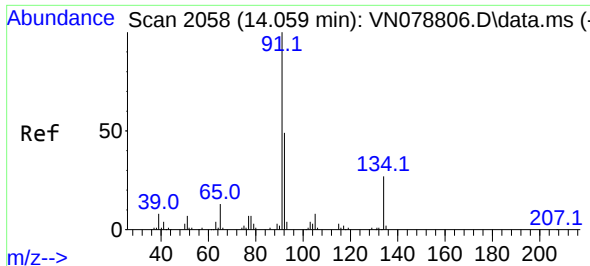
Tgt Ion:146 Resp: 59272
Ion Ratio Lower Upper
146 100
111 41.3 21.6 64.6
148 61.8 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 20.154 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion:146 Resp: 56503
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.2
148 61.8 31.4 94.3

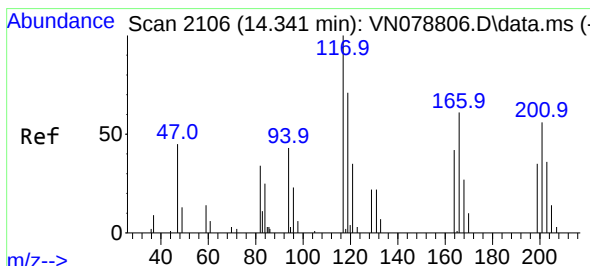
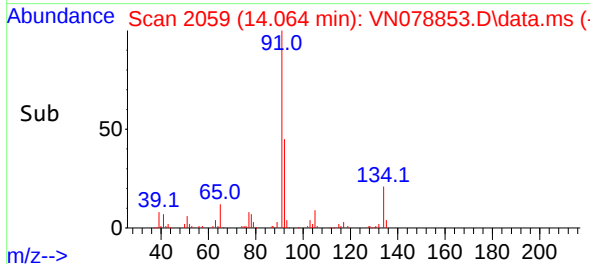
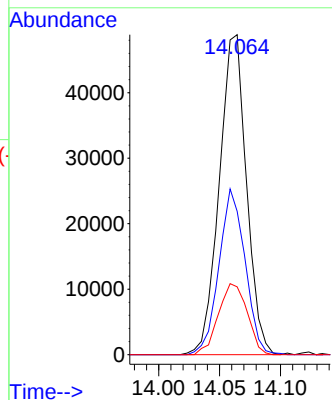
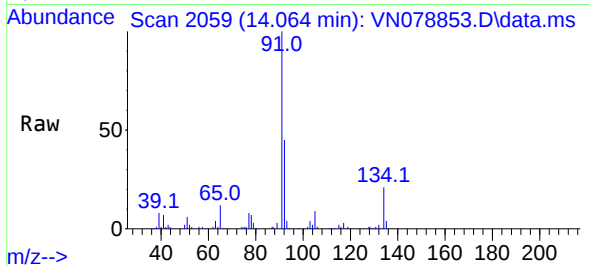




#85
n-Butylbenzene
Concen: 19.009 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

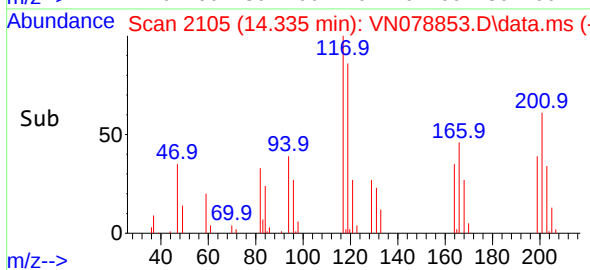
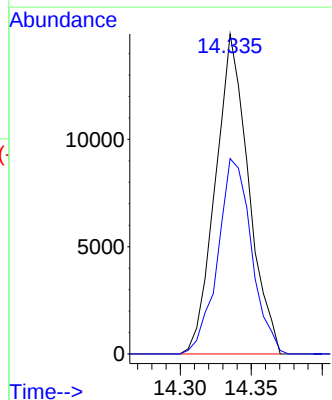
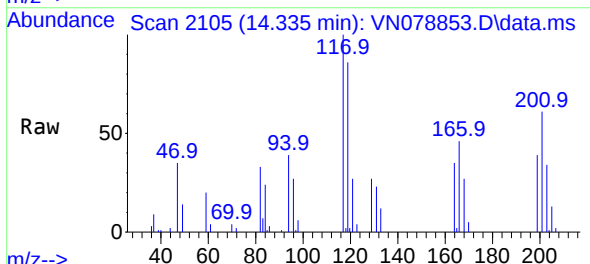
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

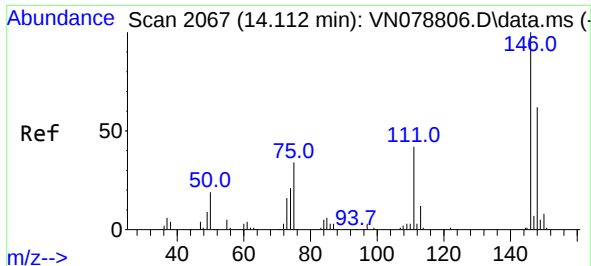
Tgt Ion: 91 Resp: 75980
Ion Ratio Lower Upper
91 100
92 49.7 0.0 99.6
134 23.5 0.0 50.0



#86
Hexachloroethane
Concen: 21.148 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 117 Resp: 24195
Ion Ratio Lower Upper
117 100
201 62.3 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 19.974 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

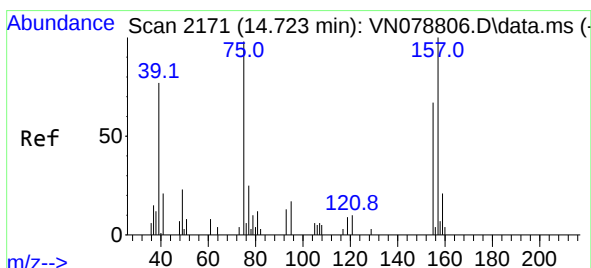
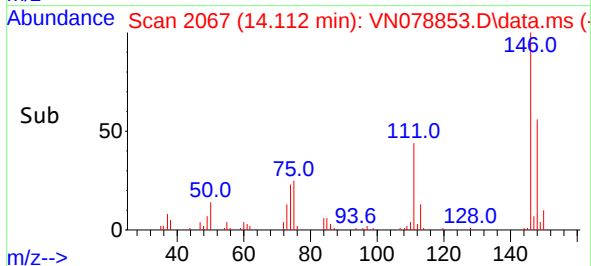
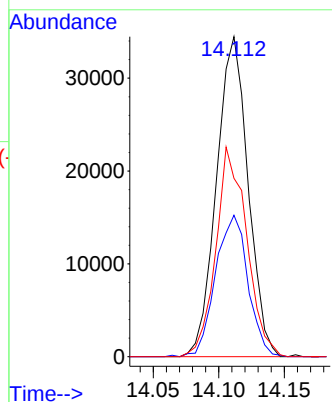
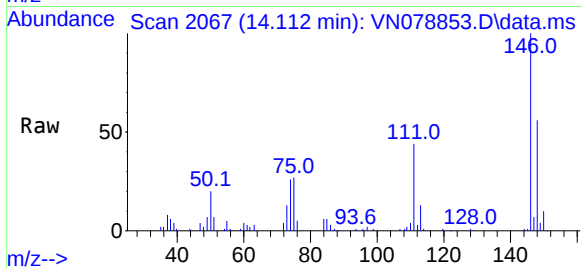
Tgt Ion:146 Resp: 57691

Ion Ratio Lower Upper

146 100

111 45.3 22.4 67.3

148 64.1 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.403 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

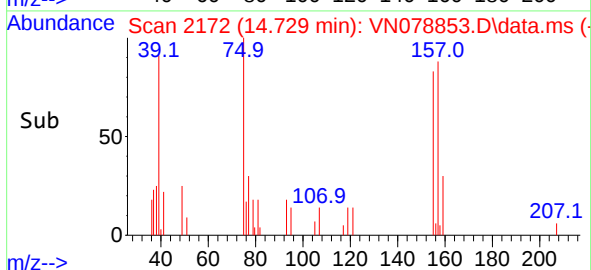
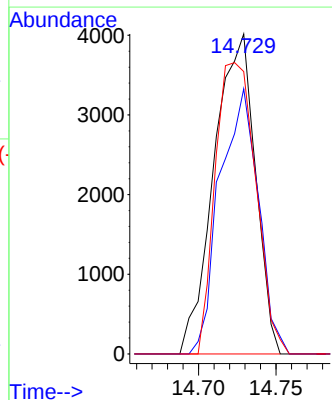
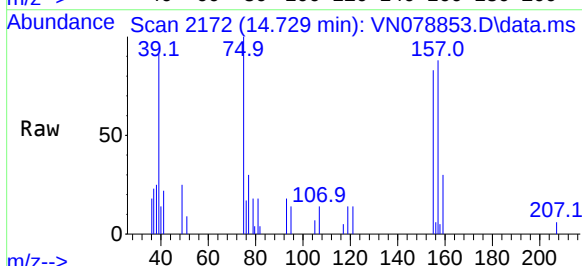
Tgt Ion: 75 Resp: 7423

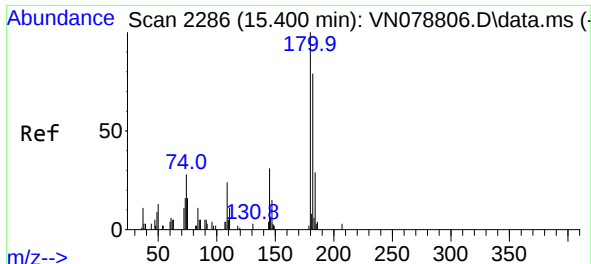
Ion Ratio Lower Upper

75 100

155 77.2 68.2 102.2

157 89.5 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 19.284 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.447 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

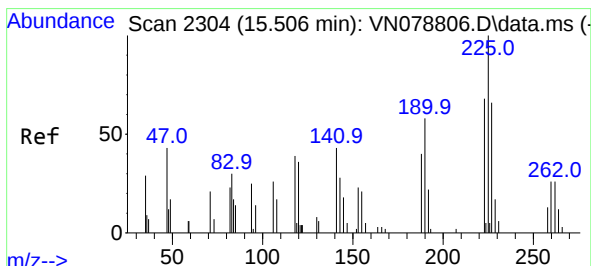
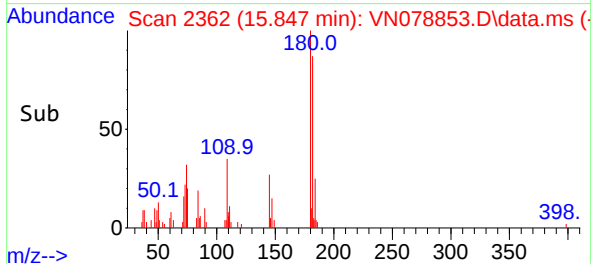
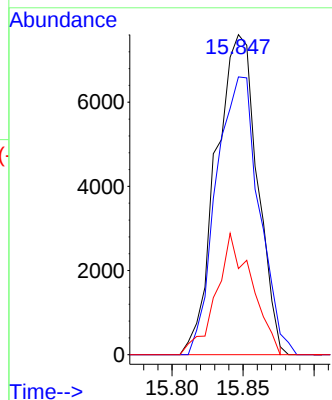
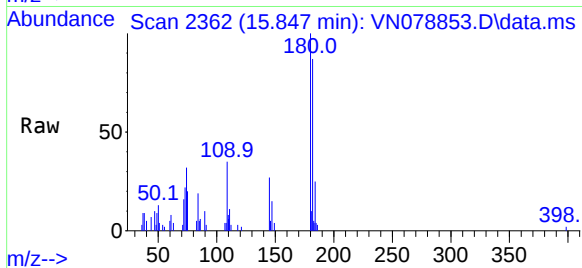
Tgt Ion:180 Resp: 15416

Ion Ratio Lower Upper

180 100

182 89.2 73.7 110.5

145 32.7 25.0 37.6



#90

Hexachlorobutadiene

Concen: 17.877 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

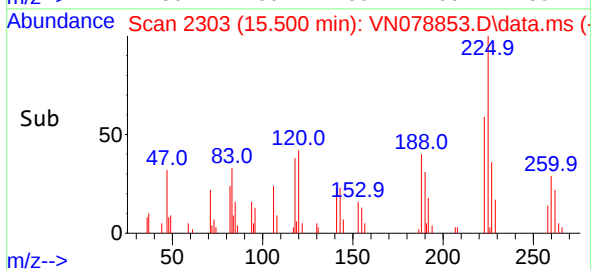
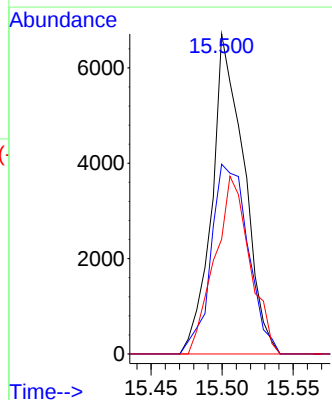
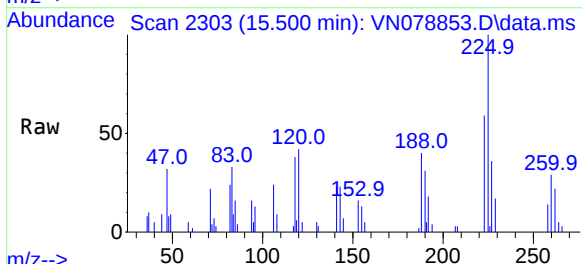
Tgt Ion:225 Resp: 10522

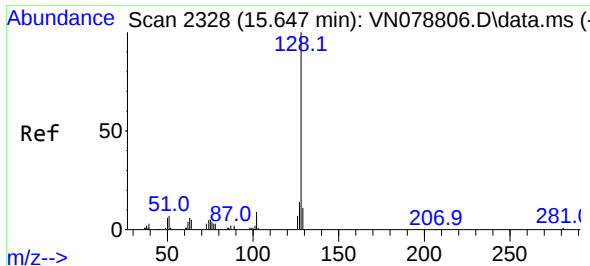
Ion Ratio Lower Upper

225 100

223 68.7 0.0 130.0

227 60.4 0.0 124.0

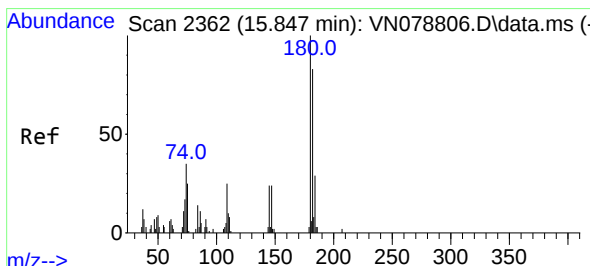
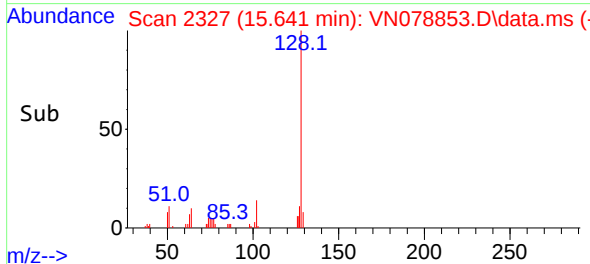
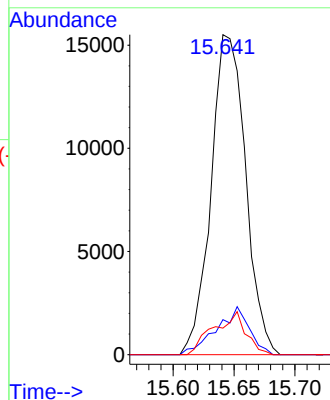
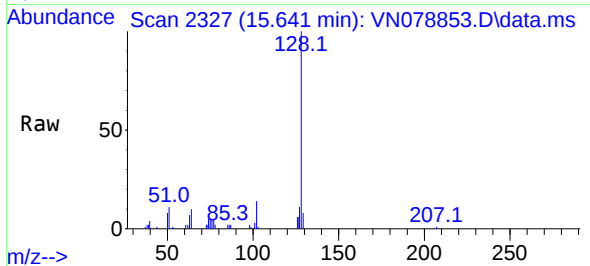




#91
Naphthalene
Concen: 12.253 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 30631
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 5.9 9.0 13.4#



#92
1,2,3-Trichlorobenzene
Concen: 16.441 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion:180 Resp: 15416
Ion Ratio Lower Upper
180 100
182 89.9 0.0 196.4
145 32.7 0.0 71.0

