

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078736.D
 Acq On : 02 Aug 2023 18:26
 Operator : JC\MD
 Sample : VN0802WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBSD01

Quant Time: Aug 03 05:33:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	87814	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	491499	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	431971	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	228408	34.700	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 115.667%#	
60) 4-Bromofluorobenzene	12.853	95	178517	27.576	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 91.933%	
63) Toluene-d8	10.571	98	632635	29.647	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.833%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	106133	19.161	ug/l	98
3) Chloromethane	2.371	50	193525	28.384	ug/l	91
4) Vinyl Chloride	2.524	62	213496	23.041	ug/l	96
5) Bromomethane	2.971	94	109339	15.786	ug/l	95
6) Chloroethane	3.130	64	106018	17.568	ug/l	99
7) Trichlorofluoromethane	3.500	101	313126	32.943	ug/l	99
8) Diethyl Ether	3.971	74	116265	37.467	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	109662	21.494	ug/l	93
10) 1,1-Dichloroethene	4.347	96	103151	21.084	ug/l	97
11) Methyl Iodide	4.600	142	154558	22.475	ug/l	95
12) Methyl Acetate	5.041	43	168619	21.249	ug/l	100
13) Acrolein	4.194	56	80958	95.805	ug/l	100
14) Acrylonitrile	5.730	53	251559	108.260	ug/l	96
15) Acetone	4.447	58	65325	97.030	ug/l	98
16) Carbon Disulfide	4.724	76	276481	20.006	ug/l	99
17) Allyl chloride	5.041	41	130073	19.472	ug/l	95
18) Methylene Chloride	5.283	84	128238	21.848	ug/l	92
19) trans-1,2-Dichloroethene	5.800	96	113047	19.985	ug/l	93
20) Diisopropyl ether	6.683	45	317110	21.084	ug/l	98
21) 1,1-Dichloroethane	6.583	63	212010	21.288	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	134535	21.178	ug/l	99
23) tert-Butyl Alcohol	5.536	59	102962	108.436	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	345343	20.992	ug/l	98
25) Chloroform	7.977	83	235857	22.369	ug/l	99
26) Cyclohexane	8.265	56	156442	21.325	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	168590	23.312	ug/l	99
30) 2-Butanone	7.494	43	327755	114.644	ug/l	100
31) 2,2-Dichloropropane	7.500	77	181293	21.846	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	211203	23.082	ug/l	100
33) Carbon Tetrachloride	8.377	117	195460	24.051	ug/l	98
34) Benzene	8.618	78	536111	24.678	ug/l	96
35) Methacrylonitrile	7.788	41	72449	23.077	ug/l	88
36) 1,2-Dichloroethane	8.677	62	190999	25.034	ug/l	99
37) Trichloroethene	9.359	130	130041	21.331	ug/l	97
38) Methylcyclohexane	9.606	83	150998	20.321	ug/l	98
39) 1,2-Dichloropropane	9.629	63	129503	22.237	ug/l	96
40) Dibromomethane	9.718	93	91968	22.816	ug/l	96
41) Bromodichloromethane	9.894	83	181729	22.551	ug/l	95
42) Vinyl Acetate	6.618	43	981647	106.801	ug/l	99

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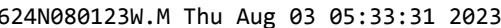
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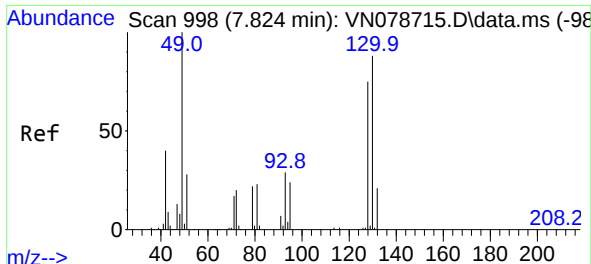
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	122937	20.800	ug/l	99
44) Isopropyl Acetate	8.694	43	250754	24.181	ug/l #	46
45) 1,4-Dioxane	9.700	88	41711	437.275	ug/l	93
46) Methyl methacrylate	9.688	41	105642	22.246	ug/l	97
47) n-amyl Acetate	12.500	43	170867	21.395	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	182253	21.190	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	201984	22.111	ug/l	96
50) 1,1,2-Trichloroethane	11.023	97	124126	21.754	ug/l	92
51) Ethyl methacrylate	10.882	69	167878	21.490	ug/l	85
52) 1,3-Dichloropropane	11.171	76	207979	20.280	ug/l	98
53) Dibromochloromethane	11.365	129	140877	21.856	ug/l	98
54) 1,2-Dibromoethane	11.476	107	126275	22.040	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	284035	114.106	ug/l	97
56) Bromoform	12.588	173	96202	22.810	ug/l	94
58) 4-Methyl-2-Pentanone	10.453	43	694633	107.434	ug/l	100
59) 2-Hexanone	11.200	43	480535	98.156	ug/l	99
61) Tetrachloroethene	11.112	164	122348	21.539	ug/l	94
62) Toluene	10.635	91	550811	21.198	ug/l	100
64) Chlorobenzene	11.894	112	324290	21.377	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	134530	22.486	ug/l	96
66) Ethyl Benzene	11.970	91	567109	21.656	ug/l	98
67) m/p-Xylenes	12.076	106	428658	42.853	ug/l	98
68) o-Xylene	12.400	106	210381	20.669	ug/l	99
69) Styrene	12.417	104	335423	20.482	ug/l	99
70) Isopropylbenzene	12.700	105	520775	20.683	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	172063	21.036	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	202353	29.491	ug/l	54
73) Bromobenzene	12.988	156	126710	20.531	ug/l	95
74) n-propylbenzene	13.041	91	569489	20.406	ug/l	99
75) 2-Chlorotoluene	13.129	91	370368	19.217	ug/l	99
76) 1,3,5-Trimethylbenzene	13.182	105	430173	19.135	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	45661	19.041	ug/l	84
78) 4-Chlorotoluene	13.229	91	338400	18.185	ug/l	98
79) tert-butylbenzene	13.447	119	364756	18.851	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	419956	19.559	ug/l	100
81) sec-Butylbenzene	13.623	105	452895	18.261	ug/l	98
82) p-Isopropyltoluene	13.735	119	374839	18.409	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	199142	18.196	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	187147	18.265	ug/l	99
85) n-Butylbenzene	14.059	91	253749	17.972	ug/l	99
86) Hexachloroethane	14.341	117	72614	19.574	ug/l	90
87) 1,2-Dichlorobenzene	14.111	146	205329	20.046	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	14.723	75	26016	18.729	ug/l	97
89) 1,2,4-Trichlorobenzene	15.400	180	49046	16.783	ug/l	96
90) Hexachlorobutadiene	15.506	225	41338	18.567	ug/l	100
91) Naphthalene	15.647	128	136186	15.383	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	58602	17.620	ug/l	97

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

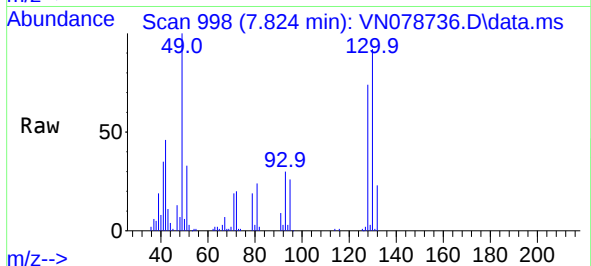
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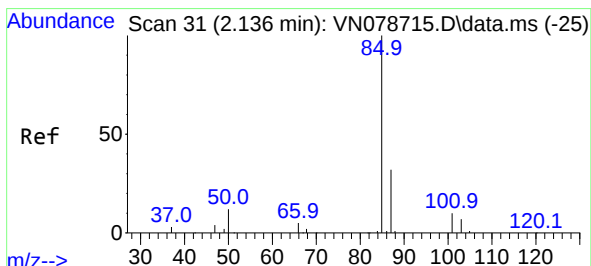
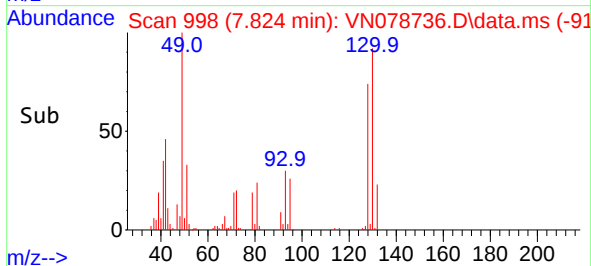
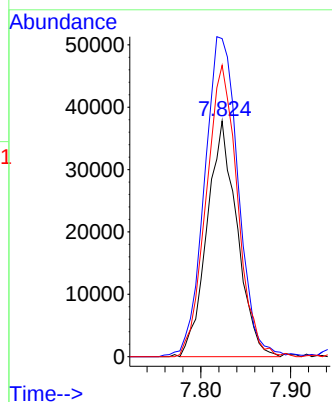


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078736.D
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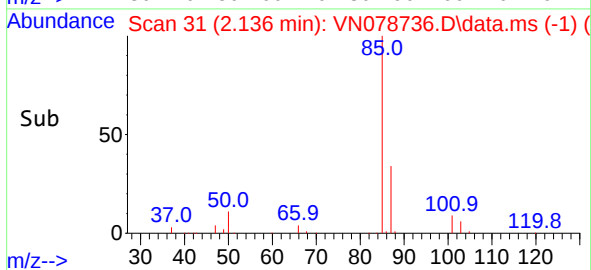
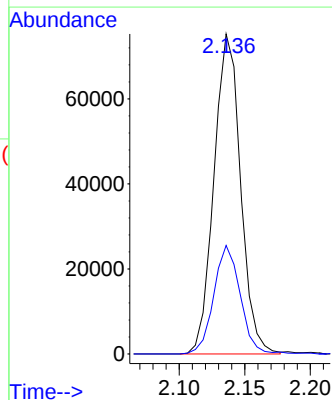
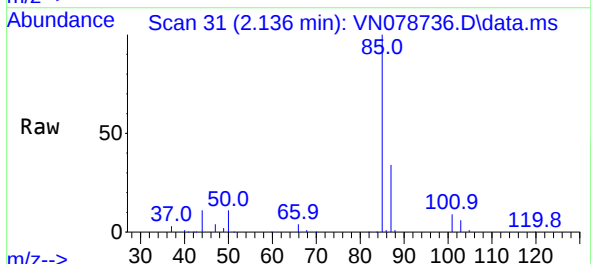


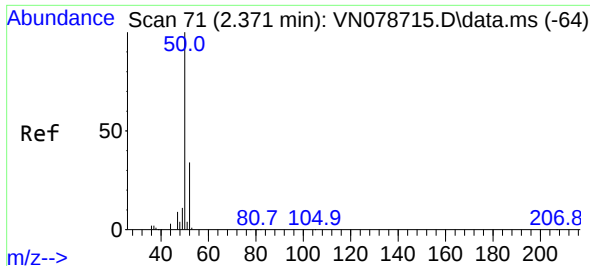
Tgt Ion:128 Resp: 87814
Ion Ratio Lower Upper
128 100
49 152.3 0.0 370.8
130 128.8 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 19.161 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 85 Resp: 106133
Ion Ratio Lower Upper
85 100
87 33.9 16.4 49.4

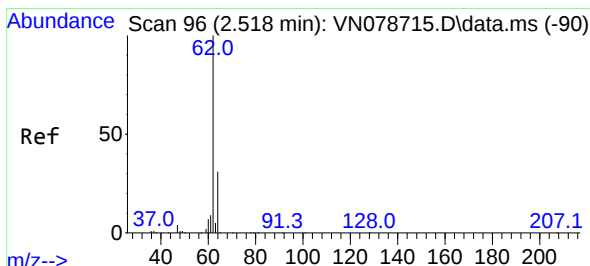
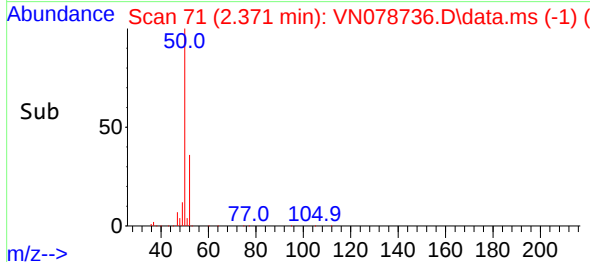
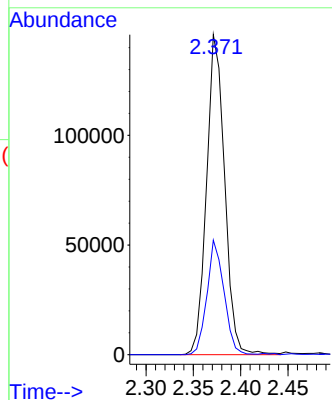
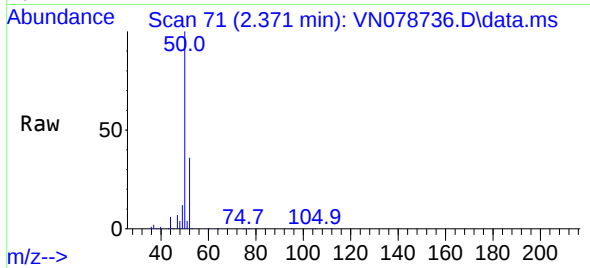




#3
Chloromethane
Concen: 28.384 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

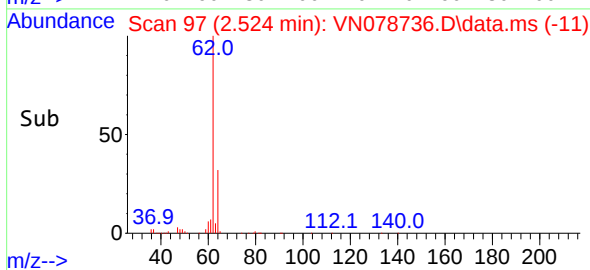
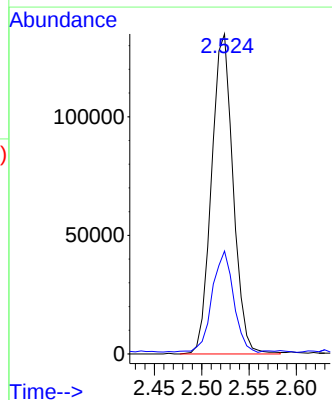
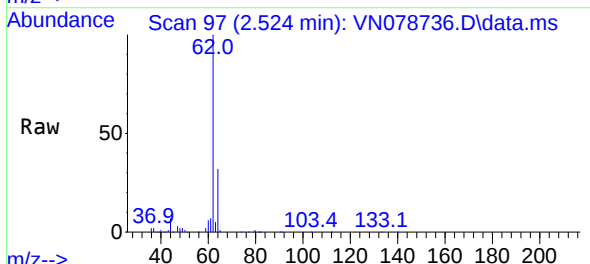
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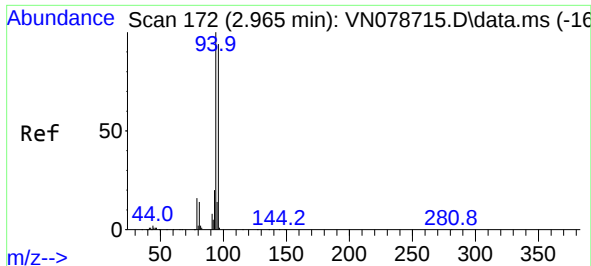
Tgt Ion: 50 Resp: 193525
Ion Ratio Lower Upper
50 100
52 35.8 24.6 36.8



#4
Vinyl Chloride
Concen: 23.041 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 62 Resp: 213496
Ion Ratio Lower Upper
62 100
64 31.3 23.3 34.9

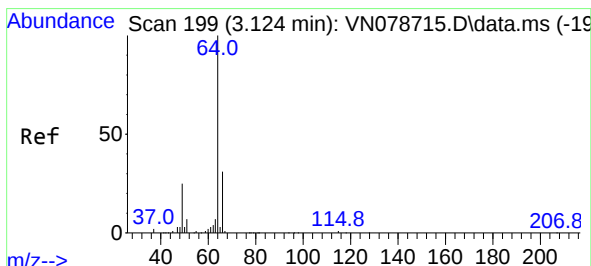
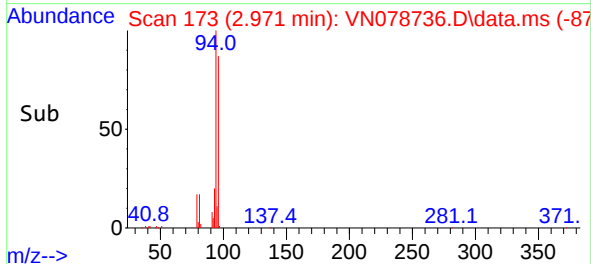
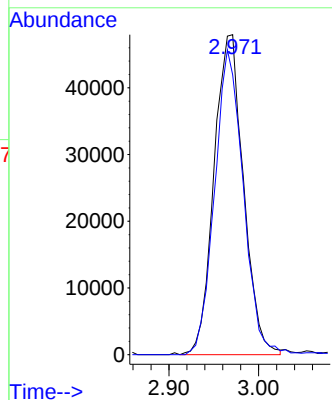
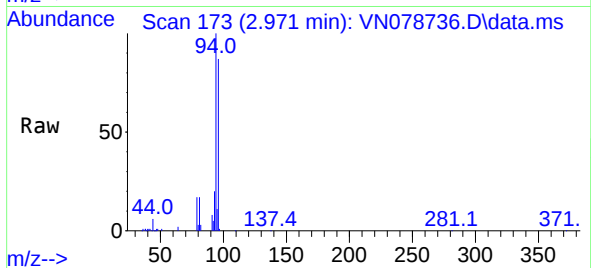




#5
Bromomethane
Concen: 15.786 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

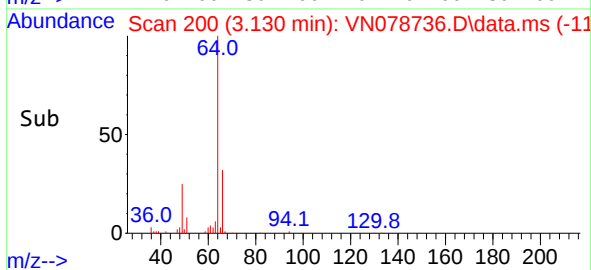
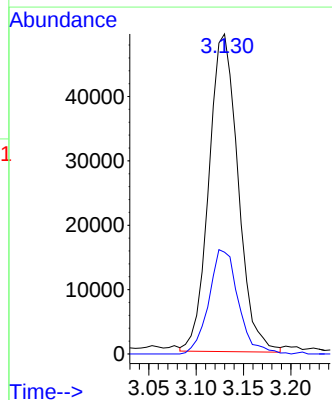
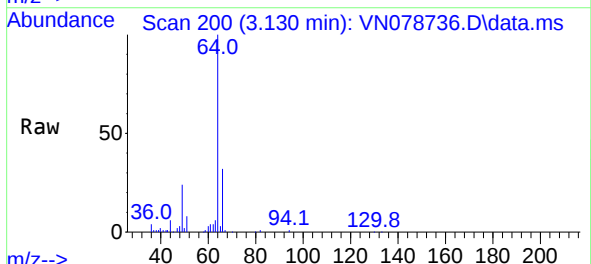
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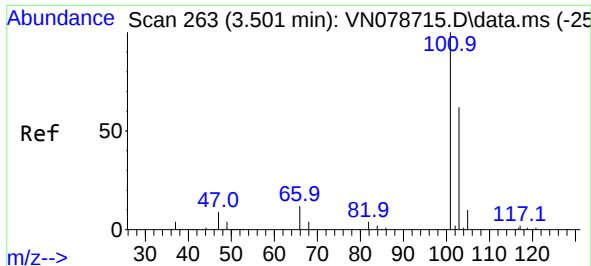
Tgt Ion: 94 Resp: 109339
Ion Ratio Lower Upper
94 100
96 87.4 73.9 110.9



#6
Chloroethane
Concen: 17.568 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 64 Resp: 106018
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5

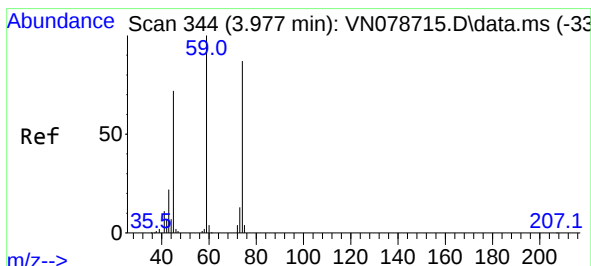
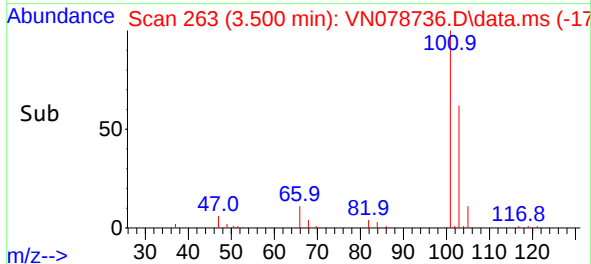
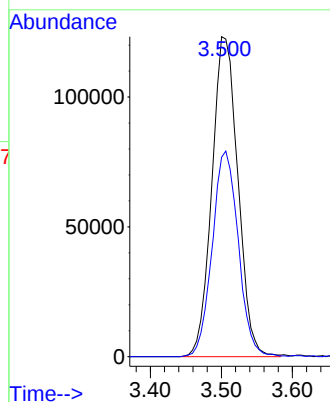
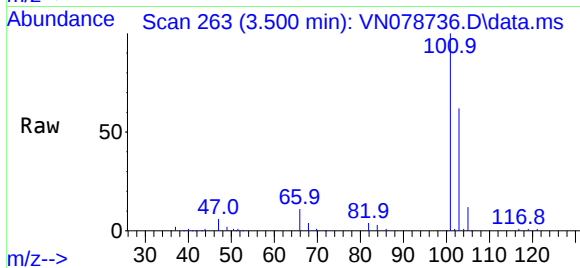




#7
Trichlorofluoromethane
Concen: 32.943 ug/l
RT: 3.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078736.D
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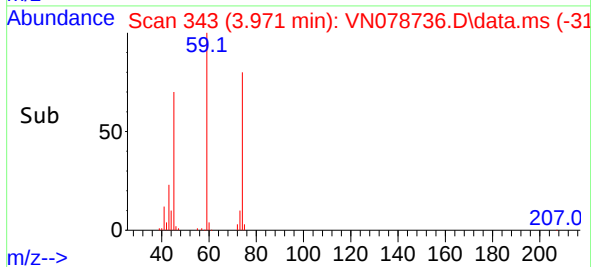
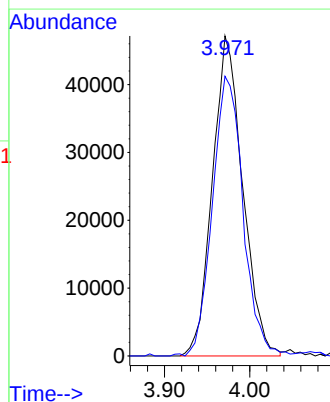
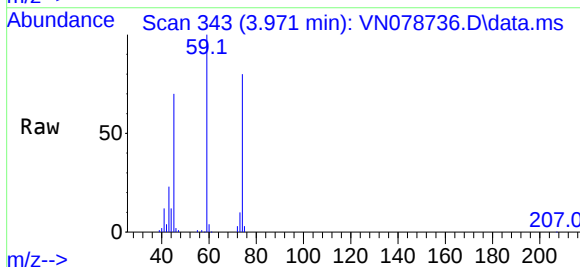
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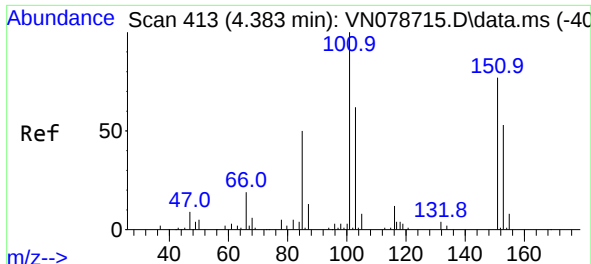
Tgt Ion:101 Resp: 313126
Ion Ratio Lower Upper
101 100
103 62.3 50.4 75.6



#8
Diethyl Ether
Concen: 37.467 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 74 Resp: 116265
Ion Ratio Lower Upper
74 100
45 88.3 16.3 146.5

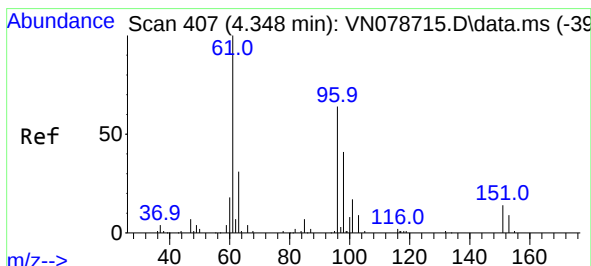
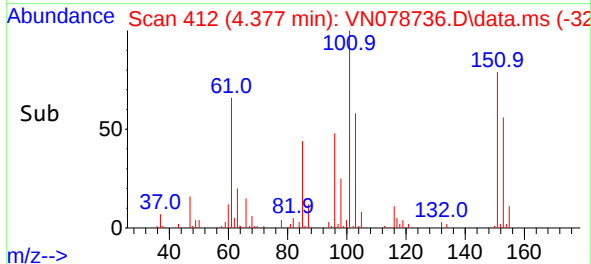
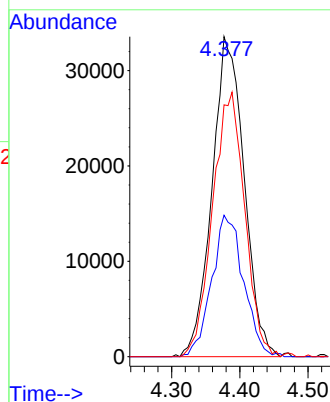
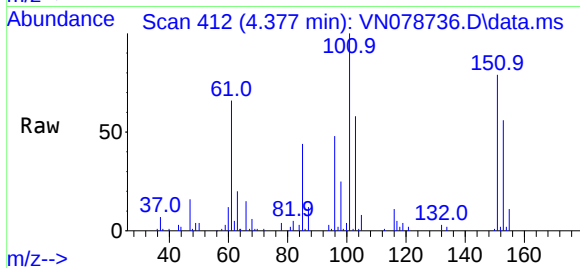




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.494 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078736.D
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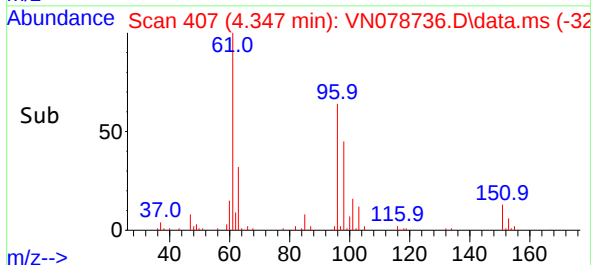
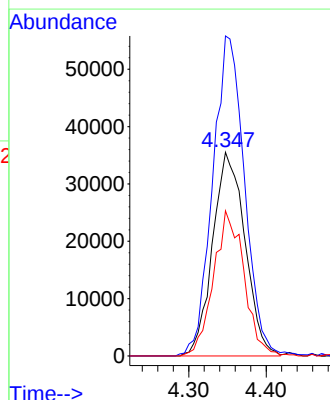
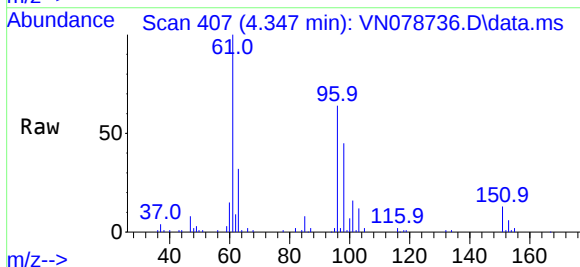
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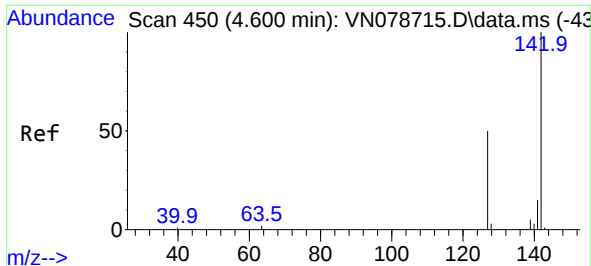
Tgt Ion:101 Resp: 109662
Ion Ratio Lower Upper
101 100
85 43.8 0.0 89.2
151 82.8 0.0 148.8



#10
1,1-Dichloroethene
Concen: 21.084 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

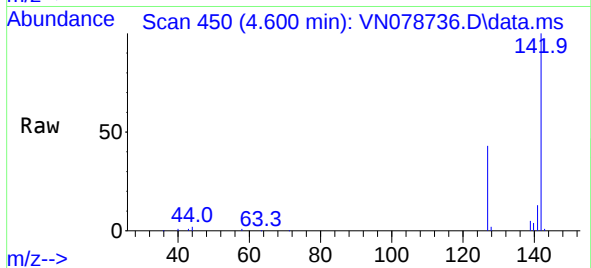
Tgt Ion: 96 Resp: 103151
Ion Ratio Lower Upper
96 100
61 156.1 123.4 185.2
98 71.2 53.7 80.5



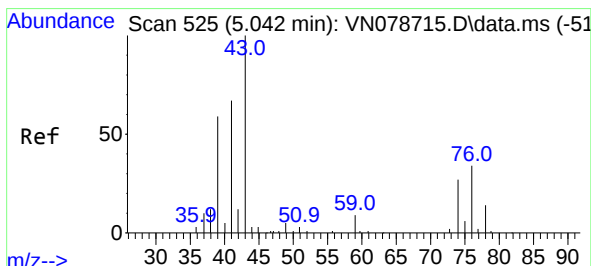
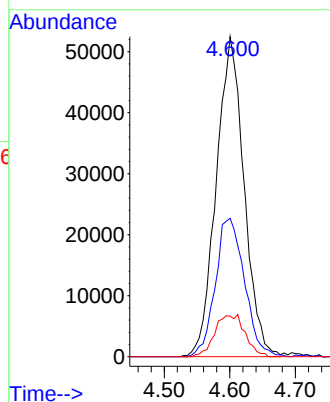
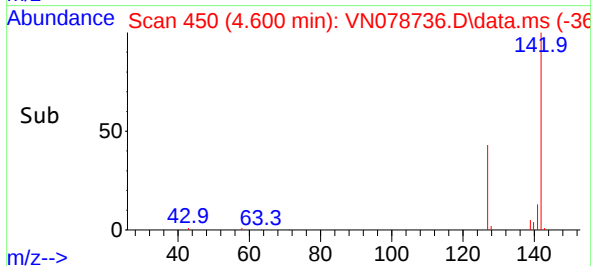


#11
Methyl Iodide
Concen: 22.475 ug/l
RT: 4.600 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

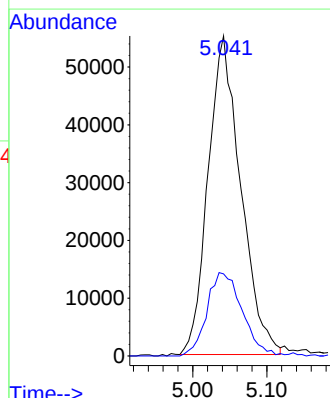
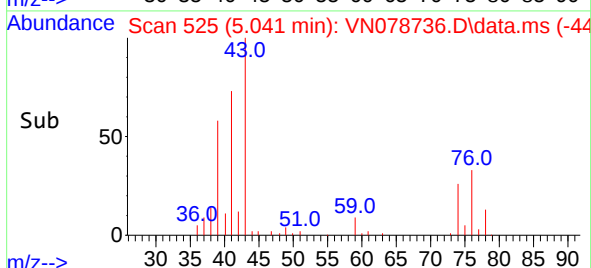
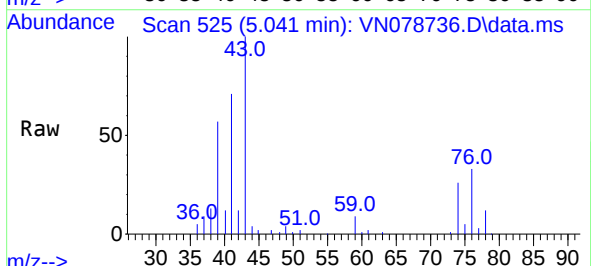


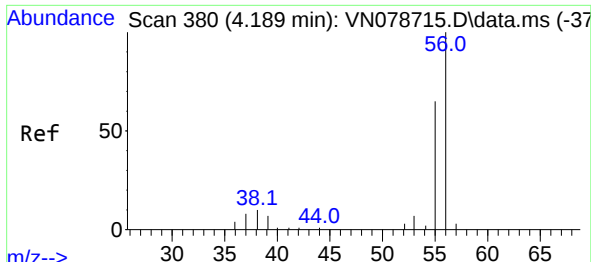
Tgt Ion:142 Resp: 154558
Ion Ratio Lower Upper
142 100
127 42.8 23.2 69.5
141 12.7 7.2 21.7



#12
Methyl Acetate
Concen: 21.249 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 43 Resp: 168619
Ion Ratio Lower Upper
43 100
74 25.6 20.5 30.7

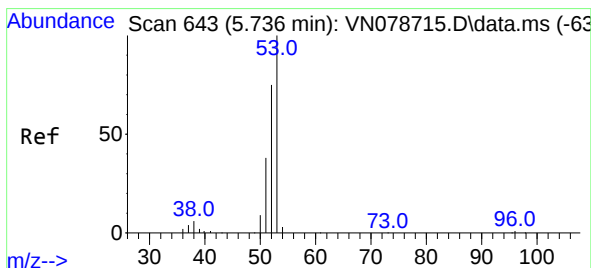
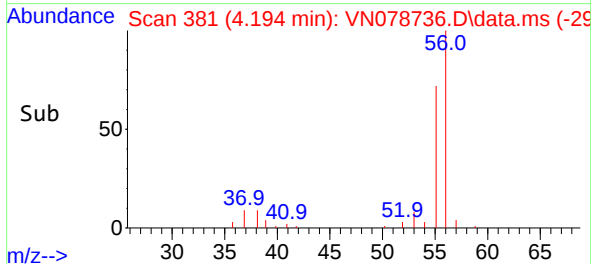
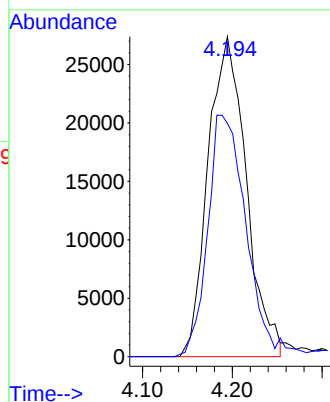
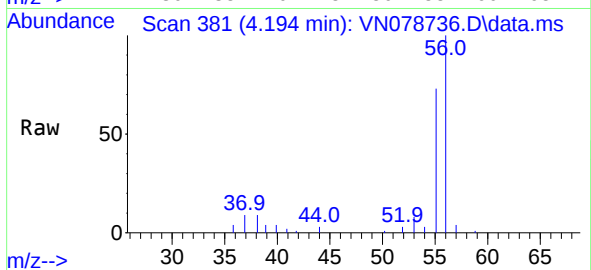




#13
Acrolein
Concen: 95.805 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

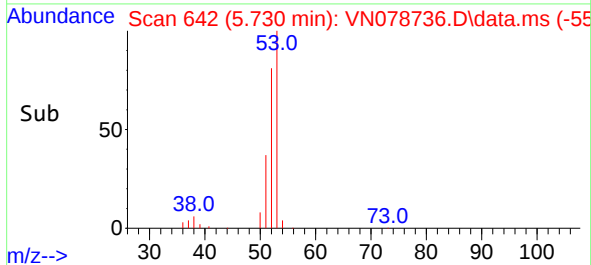
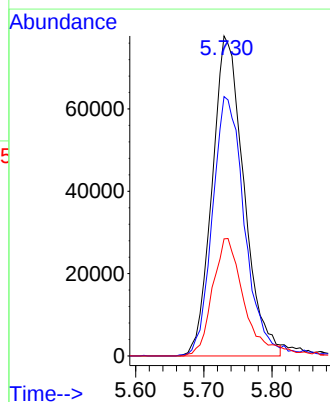
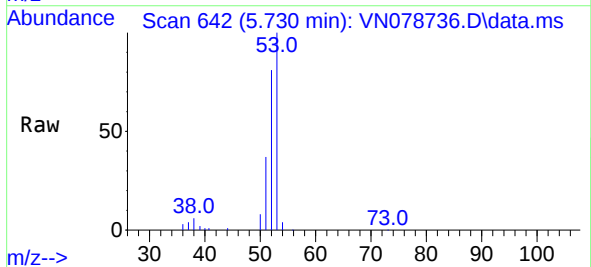
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

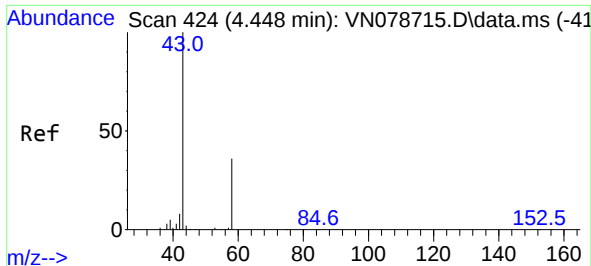
Tgt Ion: 56 Resp: 80958
Ion Ratio Lower Upper
56 100
55 74.0 59.0 88.4



#14
Acrylonitrile
Concen: 108.260 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 53 Resp: 251559
Ion Ratio Lower Upper
53 100
52 81.3 42.3 126.9
51 34.9 18.4 55.4





#15

Acetone

Concen: 97.030 ug/l

RT: 4.447 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

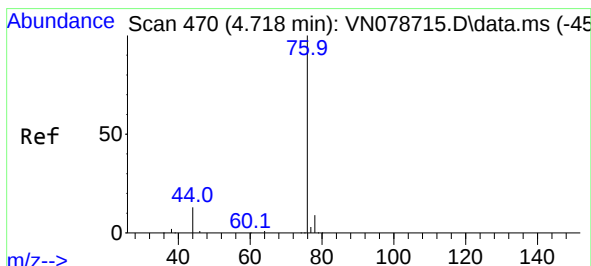
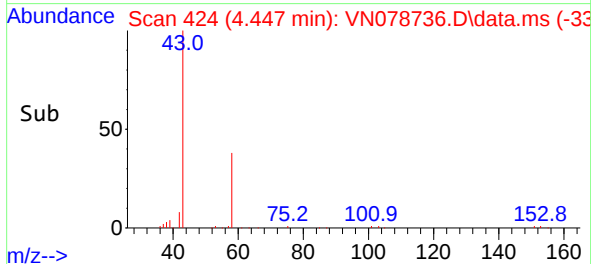
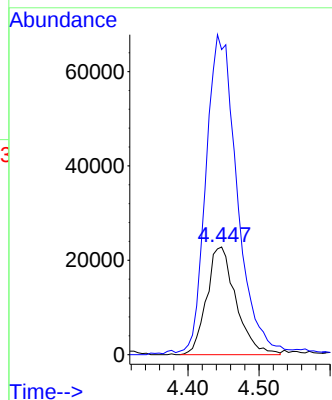
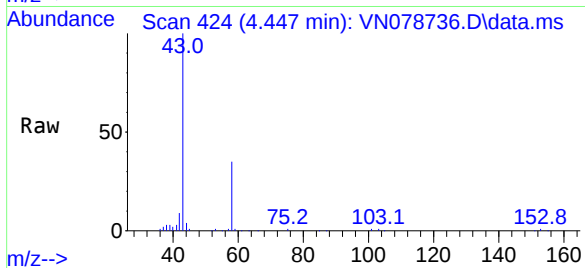
VN0802WBSD01

Tgt Ion: 58 Resp: 65325

Ion Ratio Lower Upper

58 100

43 279.9 227.5 341.3



#16

Carbon Disulfide

Concen: 20.006 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.006 min

Lab File: VN078736.D

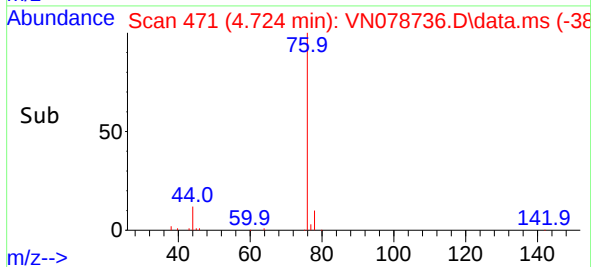
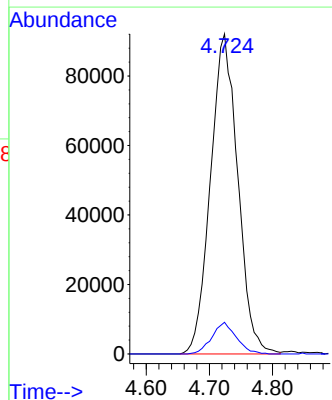
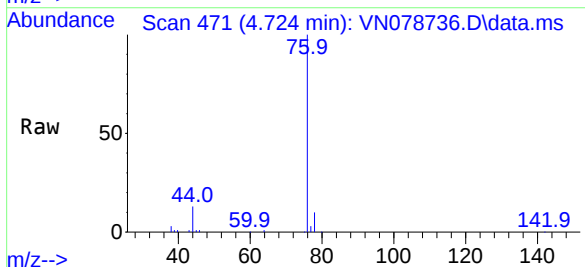
Acq: 02 Aug 2023 18:26

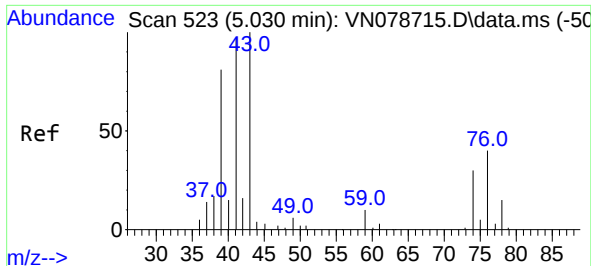
Tgt Ion: 76 Resp: 276481

Ion Ratio Lower Upper

76 100

78 9.9 7.7 11.5

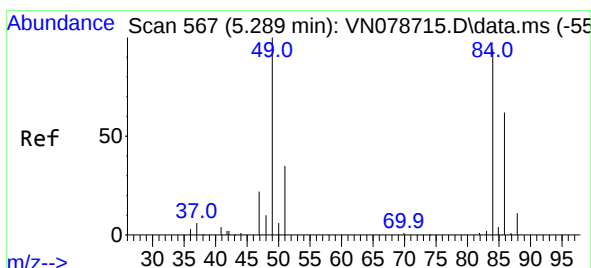
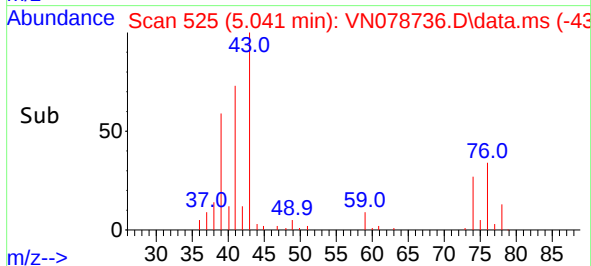
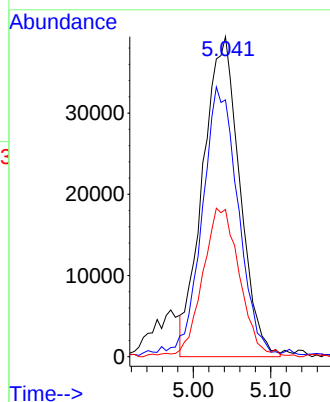
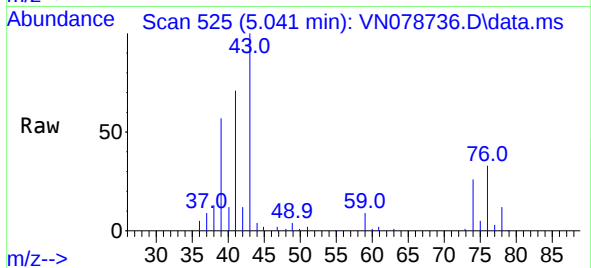




#17
 Allyl chloride
 Concen: 19.472 ug/l
 RT: 5.041 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:26

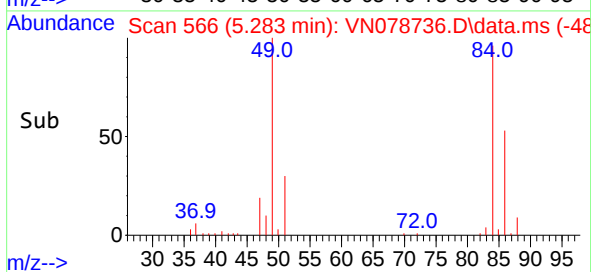
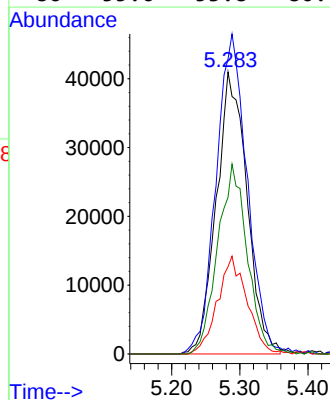
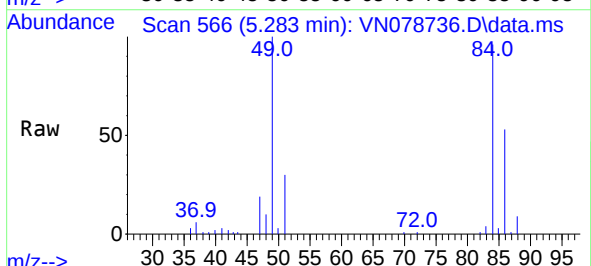
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBSD01

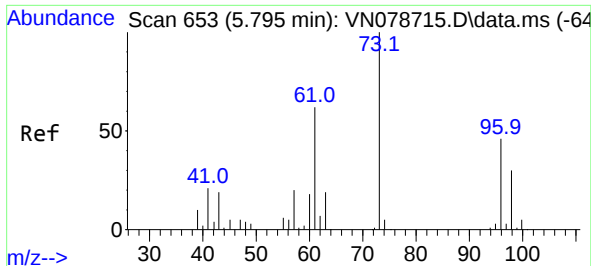
Tgt Ion: 41 Resp: 130073
 Ion Ratio Lower Upper
 41 100
 39 80.2 37.6 112.8
 76 45.8 23.8 71.4



#18
 Methylene Chloride
 Concen: 21.848 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:26

Tgt Ion: 84 Resp: 128238
 Ion Ratio Lower Upper
 84 100
 49 104.6 88.1 132.1
 51 30.9 24.0 36.0
 86 55.6 53.8 80.8

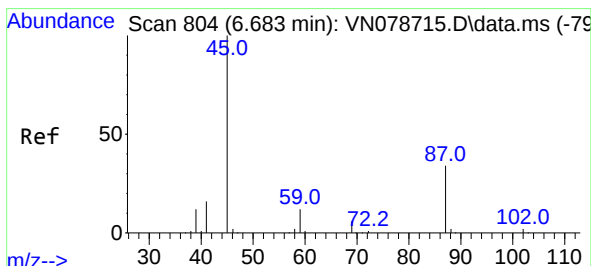
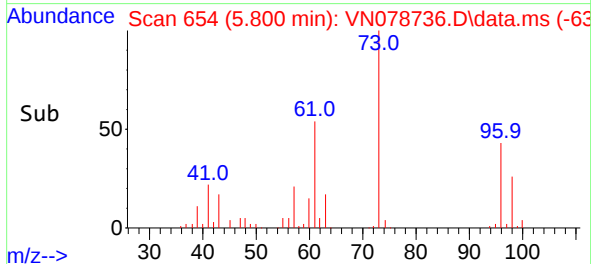
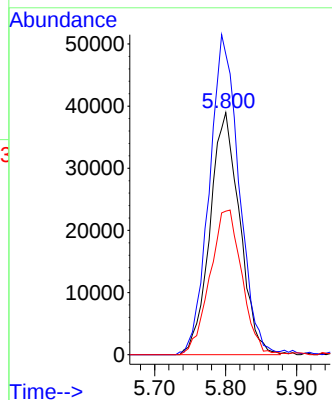
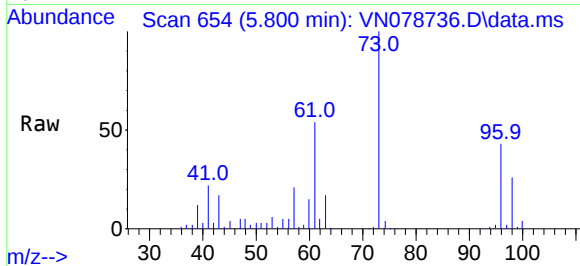




#19
trans-1,2-Dichloroethene
Concen: 19.985 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

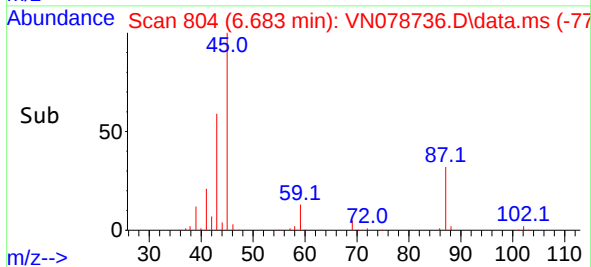
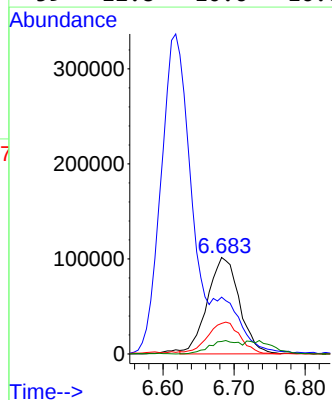
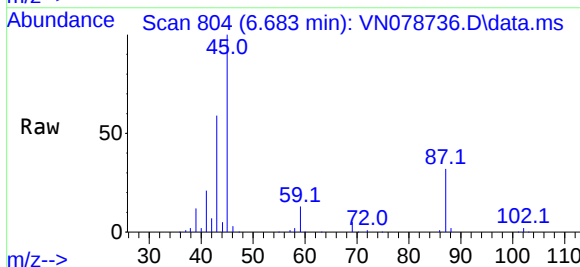
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

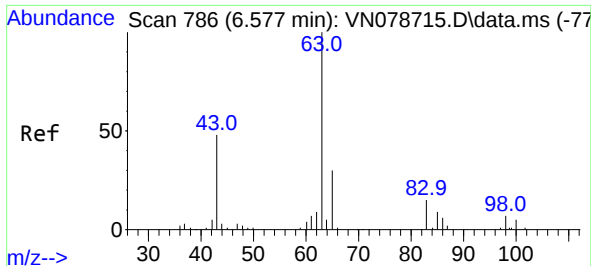
Tgt Ion: 96 Resp: 113047
Ion Ratio Lower Upper
96 100
61 122.9 105.2 157.8
98 59.3 50.5 75.7



#20
Diisopropyl ether
Concen: 21.084 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 45 Resp: 317110
Ion Ratio Lower Upper
45 100
43 56.4 43.6 65.4
87 31.9 25.8 38.6
59 12.8 10.6 16.0

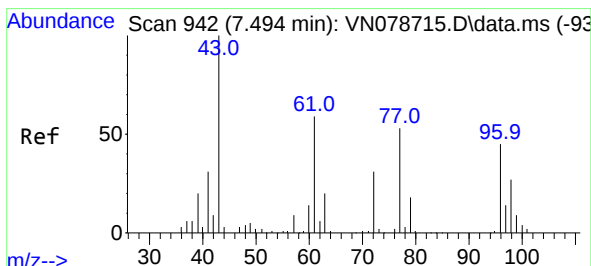
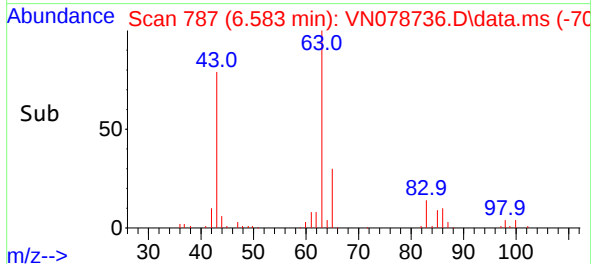
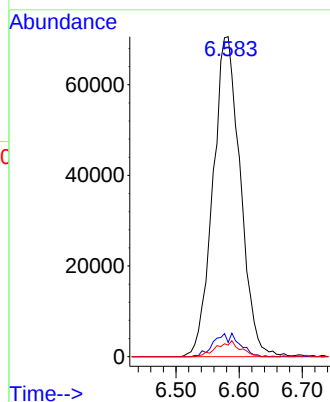
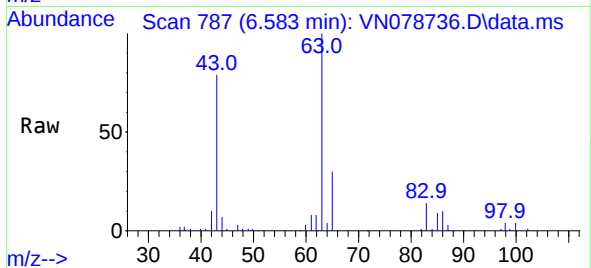




#21
1,1-Dichloroethane
Concen: 21.288 ug/l
RT: 6.583 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

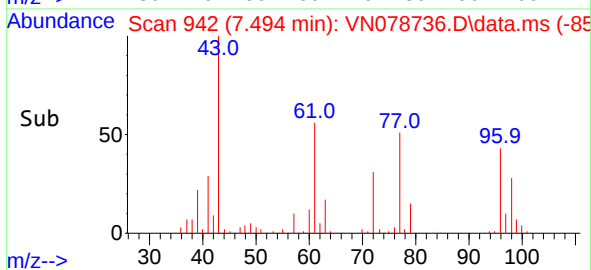
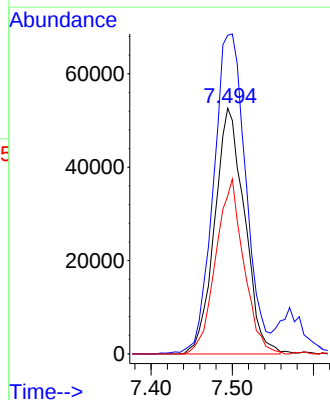
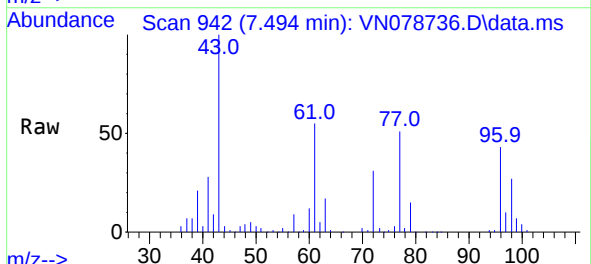
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

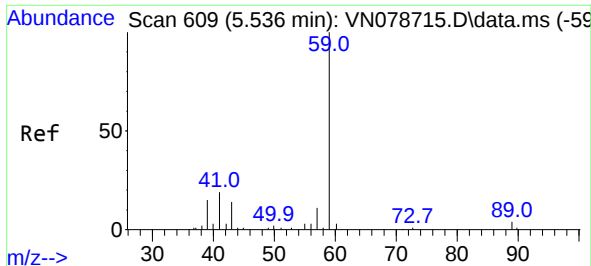
Tgt Ion: 63 Resp: 212010
Ion Ratio Lower Upper
63 100
98 4.5 2.7 8.1
100 3.6 2.5 7.4



#22
cis-1,2-Dichloroethene
Concen: 21.178 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 96 Resp: 134535
Ion Ratio Lower Upper
96 100
61 140.7 113.8 170.6
98 66.9 52.2 78.4

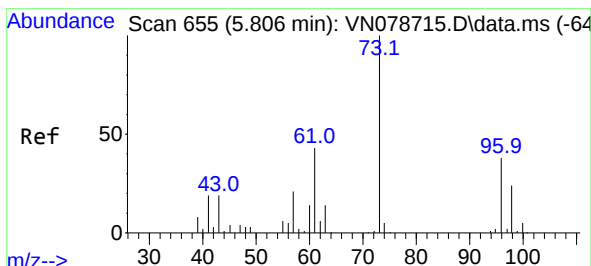
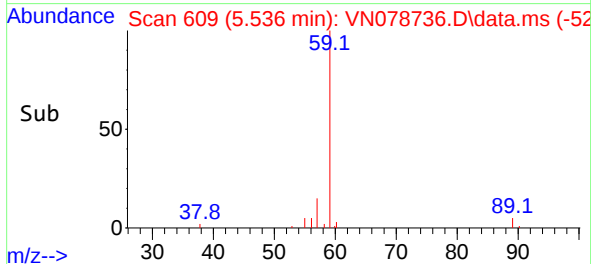
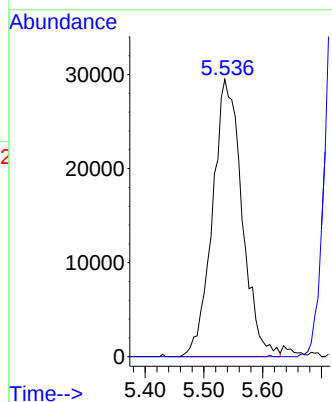
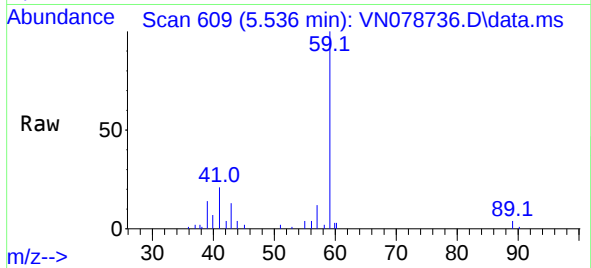




#23
tert-Butyl Alcohol
Concen: 108.436 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

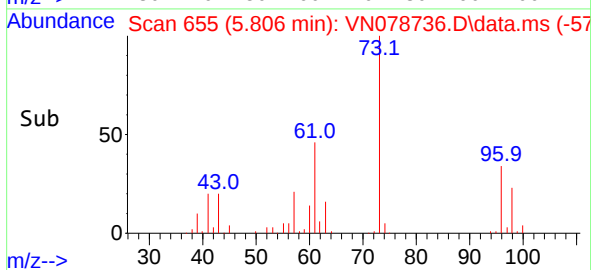
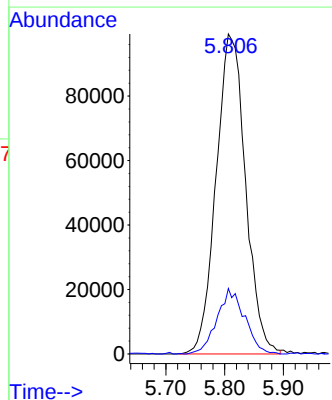
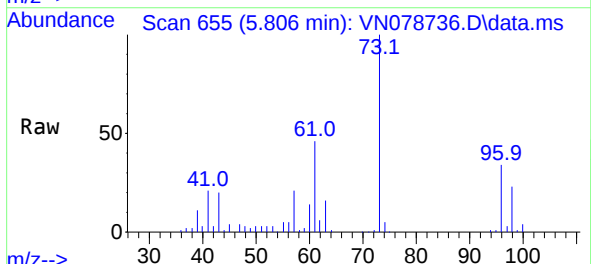
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

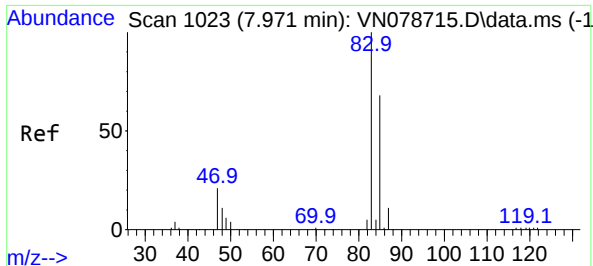
Tgt Ion: 59 Resp: 102962
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 20.992 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 73 Resp: 345343
Ion Ratio Lower Upper
73 100
43 19.0 14.5 21.7





#25

Chloroform

Concen: 22.369 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

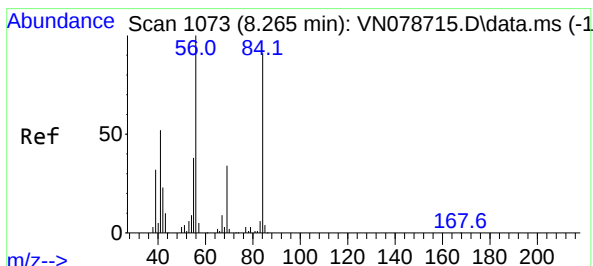
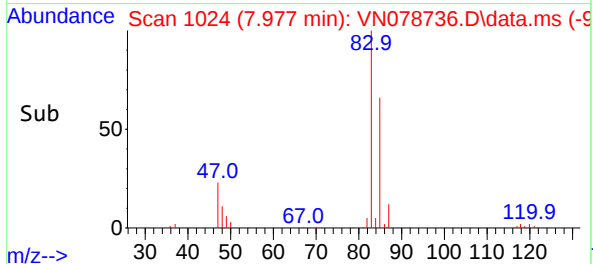
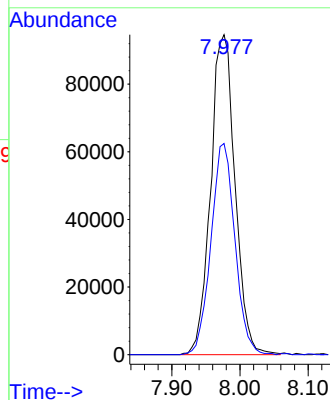
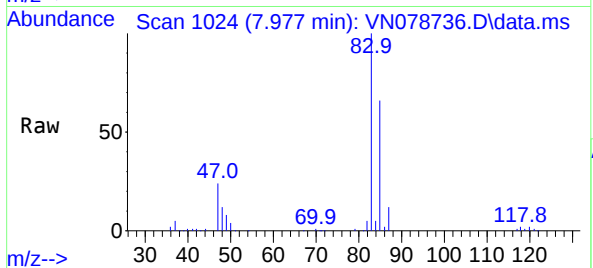
VN0802WBSD01

Tgt Ion: 83 Resp: 235857

Ion Ratio Lower Upper

83 100

85 66.0 53.4 80.0



#26

Cyclohexane

Concen: 21.325 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:26

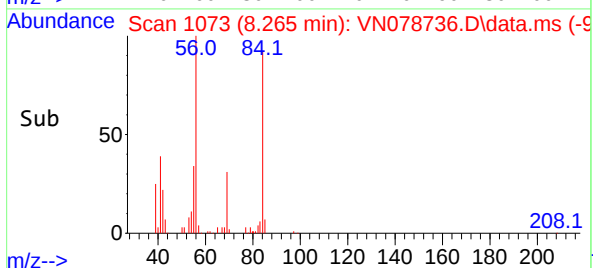
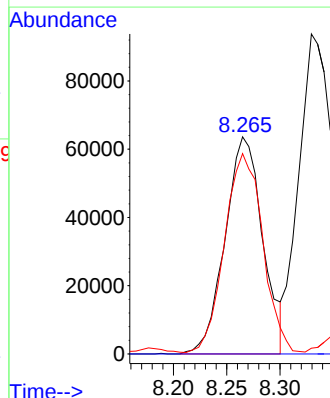
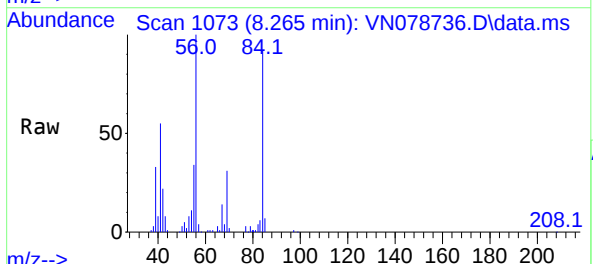
Tgt Ion: 56 Resp: 156442

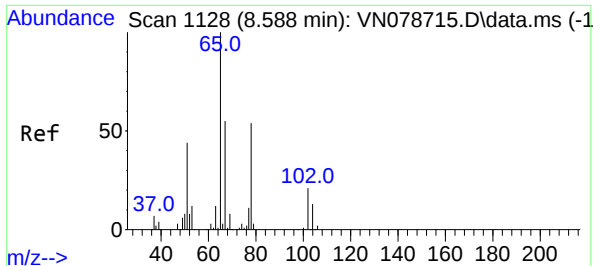
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.4 74.2 111.4

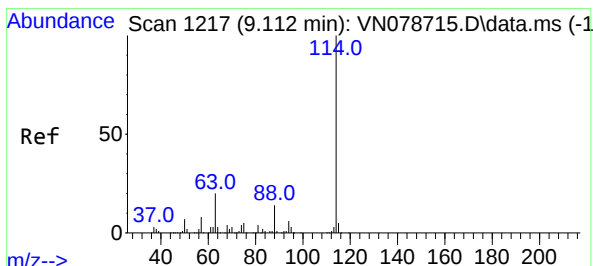
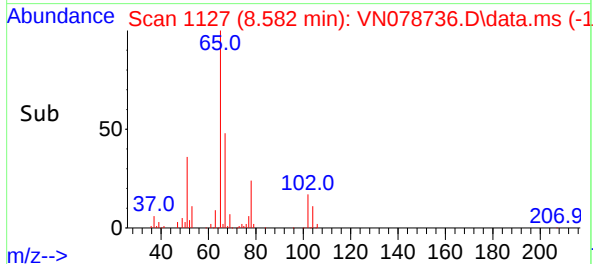
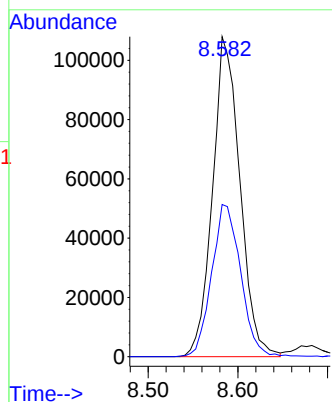
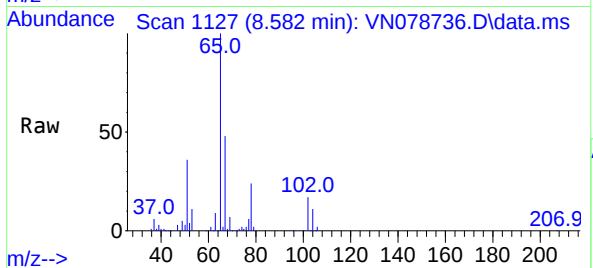




#27
1,2-Dichloroethane-d4
Concen: 34.700 ug/l
RT: 8.582 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

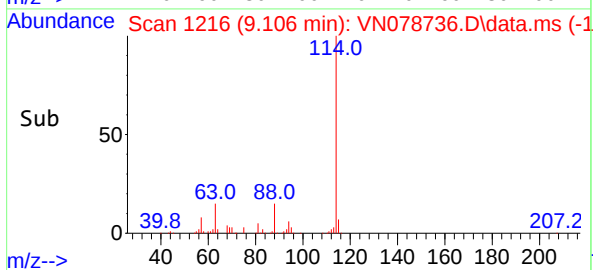
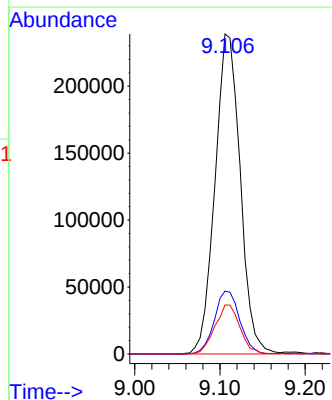
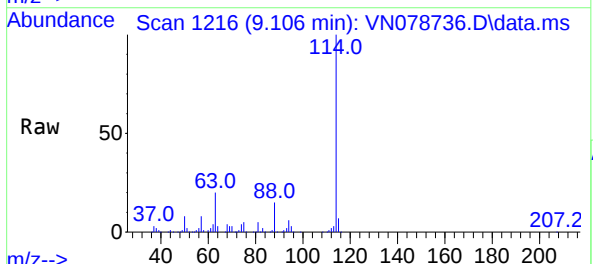
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

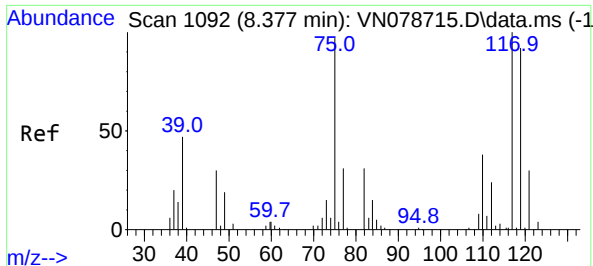
Tgt Ion: 65 Resp: 228408
Ion Ratio Lower Upper
65 100
67 50.5 42.9 64.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 114 Resp: 491499
Ion Ratio Lower Upper
114 100
63 19.8 15.2 22.8
88 15.2 12.5 18.7

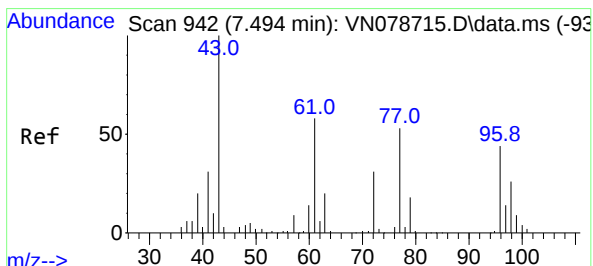
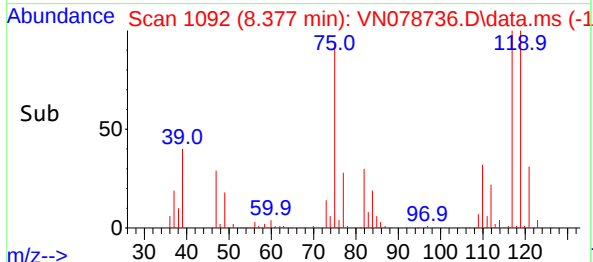
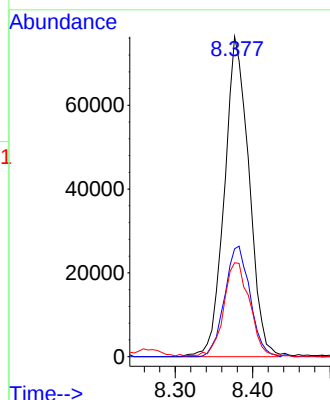
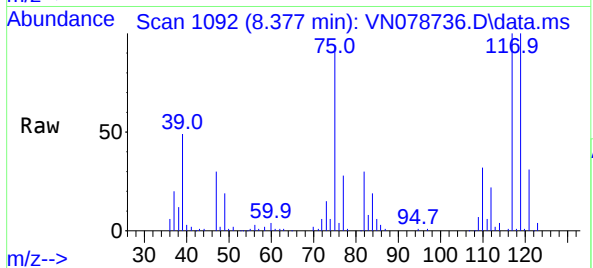




#29
1,1-Dichloropropene
Concen: 23.312 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

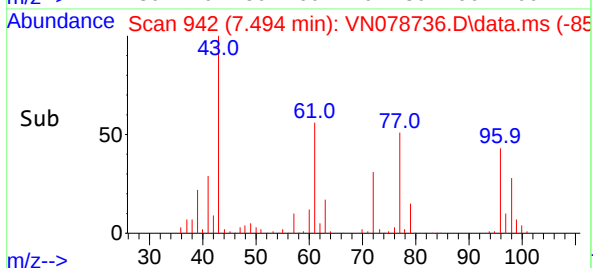
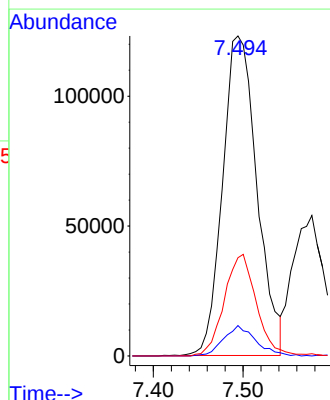
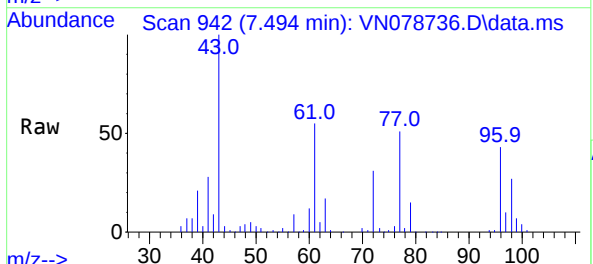
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

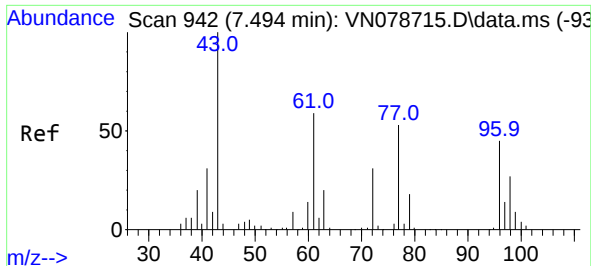
Tgt Ion: 75 Resp: 168590
Ion Ratio Lower Upper
75 100
110 35.6 0.0 72.2
77 31.1 0.0 62.8



#30
2-Butanone
Concen: 114.644 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 43 Resp: 327755
Ion Ratio Lower Upper
43 100
57 8.8 6.8 10.2
72 29.7 23.8 35.6

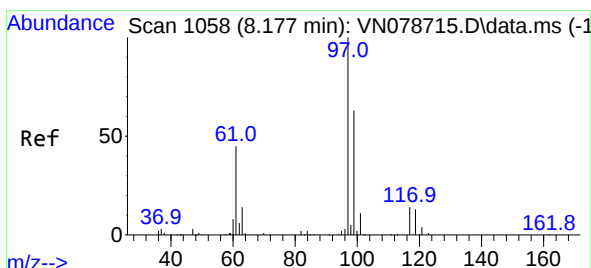
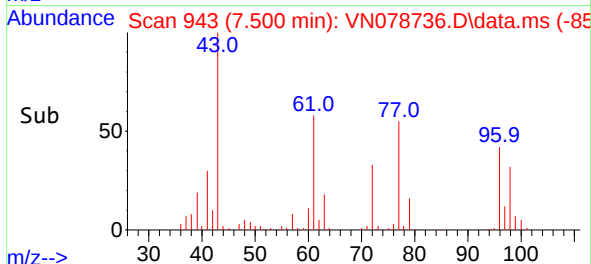
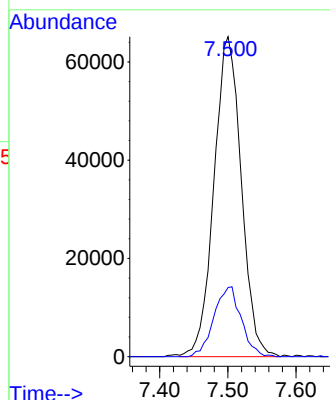
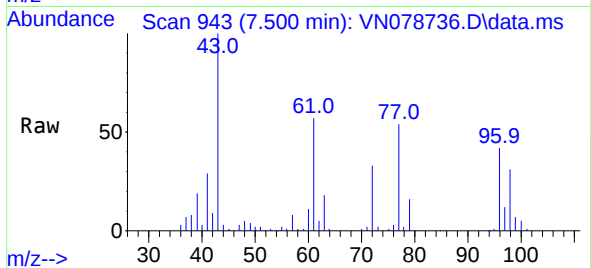




#31
2,2-Dichloropropane
Concen: 21.846 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

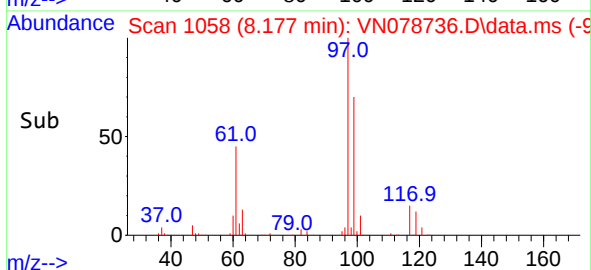
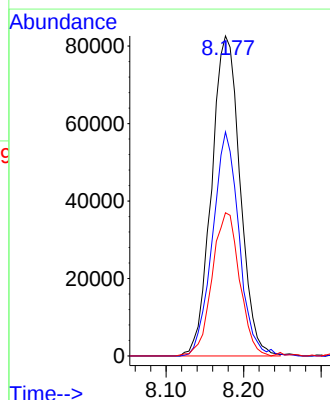
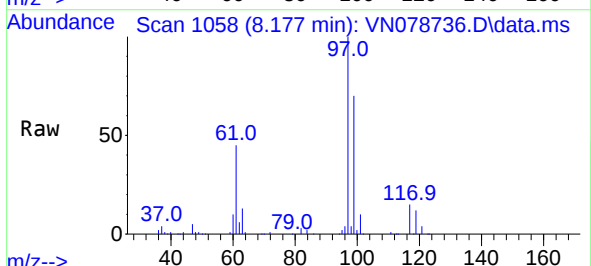
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

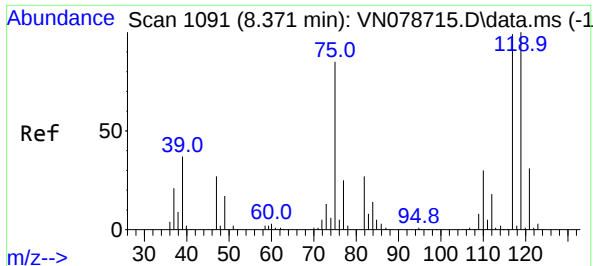
Tgt Ion: 77 Resp: 181293
Ion Ratio Lower Upper
77 100
97 21.7 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 23.082 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 97 Resp: 211203
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 43.2 34.6 52.0

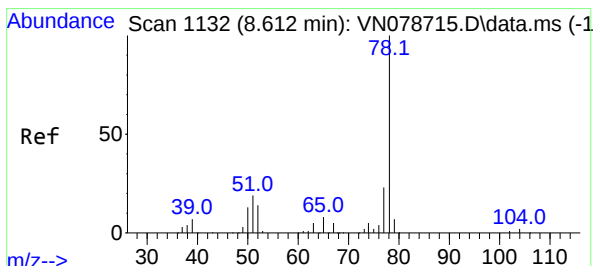
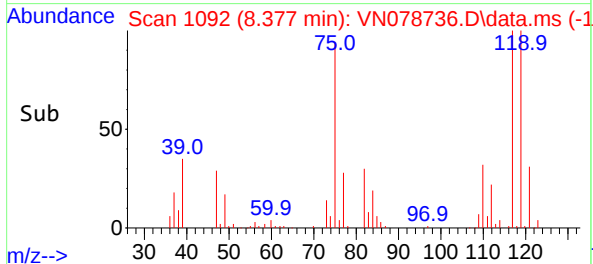
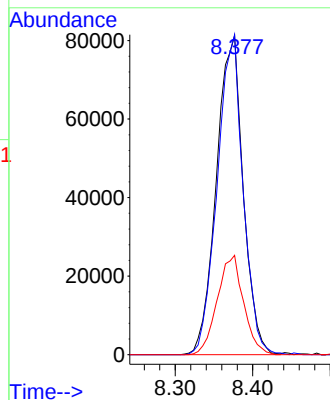
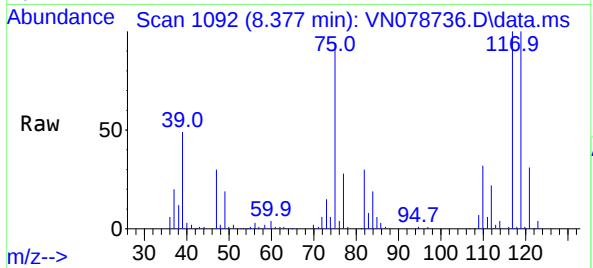




#33
Carbon Tetrachloride
Concen: 24.051 ug/l
RT: 8.377 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

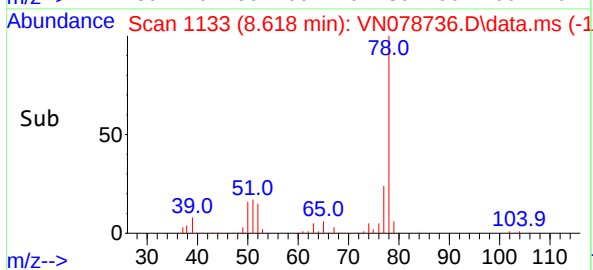
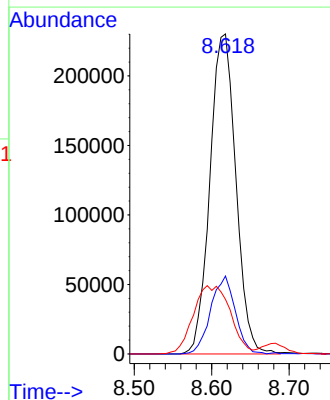
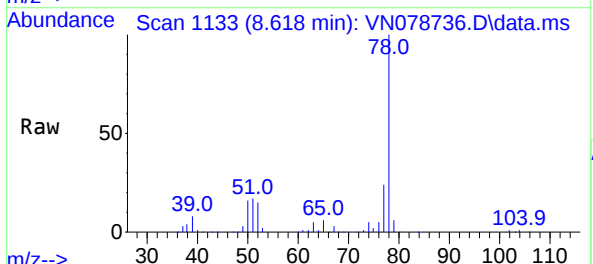
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

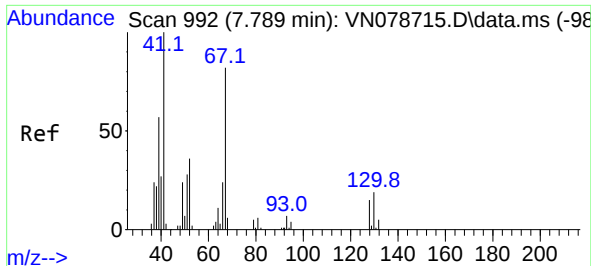
Tgt Ion:117 Resp: 195460
Ion Ratio Lower Upper
117 100
119 100.3 81.4 122.0
121 31.2 23.6 35.4



#34
Benzene
Concen: 24.678 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 78 Resp: 536111
Ion Ratio Lower Upper
78 100
77 24.4 18.3 27.5
51 14.5 13.7 20.5



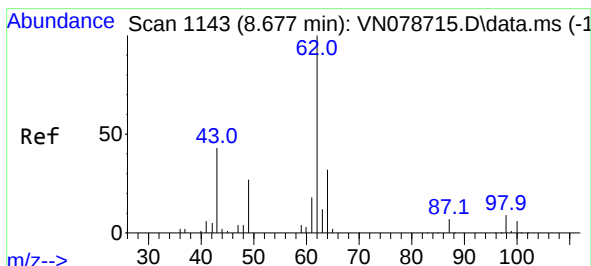
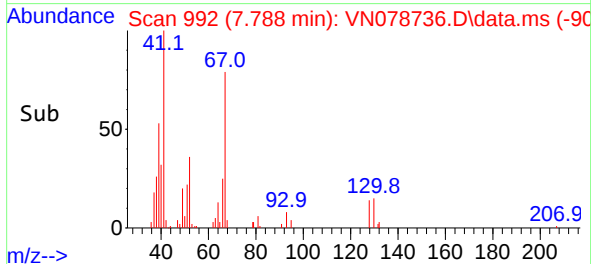
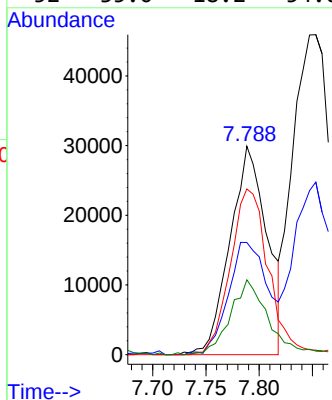
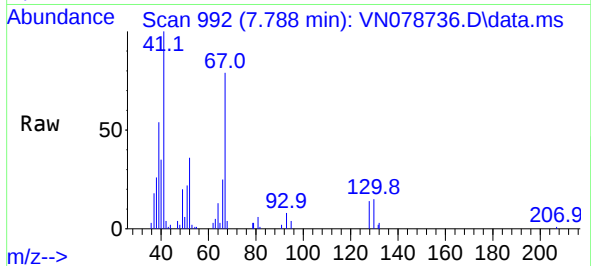


#35
Methacrylonitrile
Concen: 23.077 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

Tgt Ion: 41 Resp: 72449

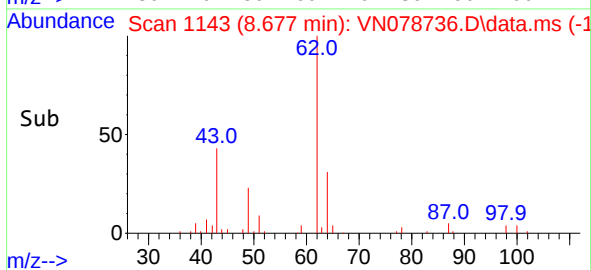
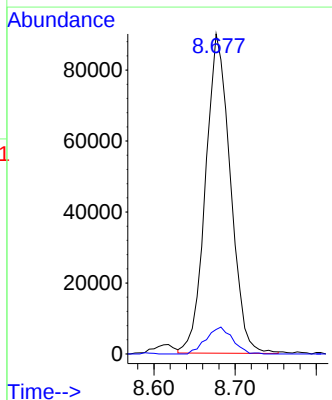
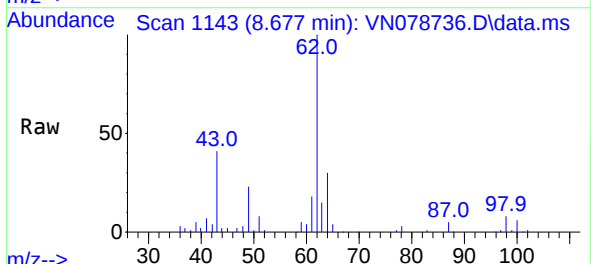
Ion	Ratio	Lower	Upper
41	100		
39	53.8	33.9	101.6
67	79.5	45.9	137.6
52	35.0	18.2	54.6

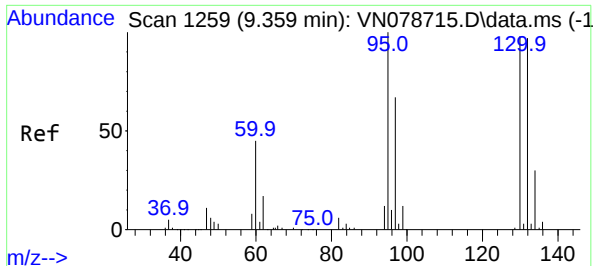


#36
1,2-Dichloroethane
Concen: 25.034 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 62 Resp: 190999

Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.4	11.0

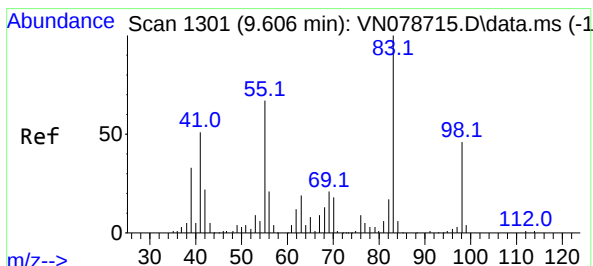
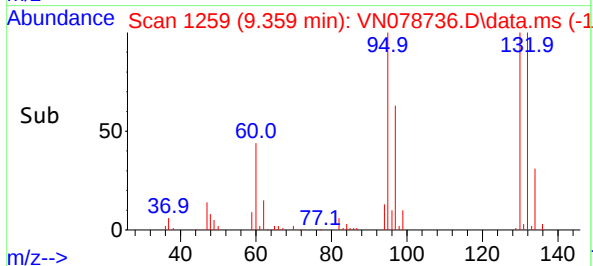
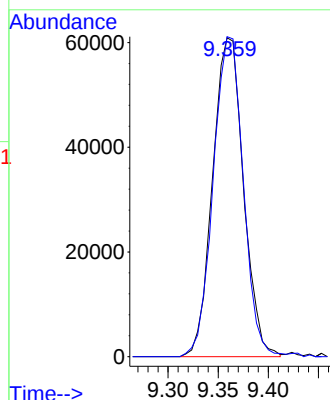
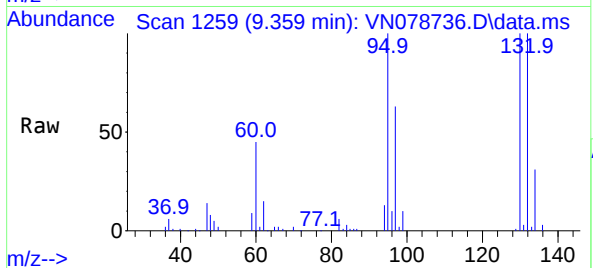




#37
Trichloroethene
Concen: 21.331 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

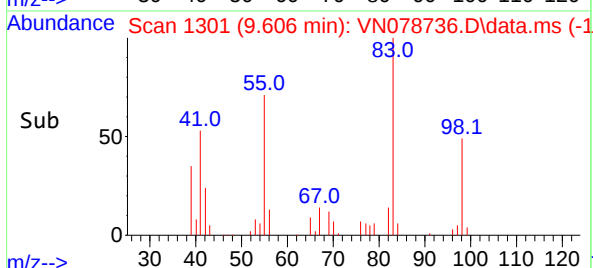
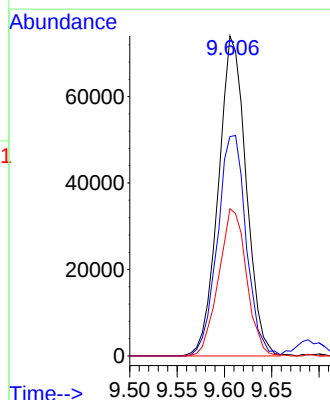
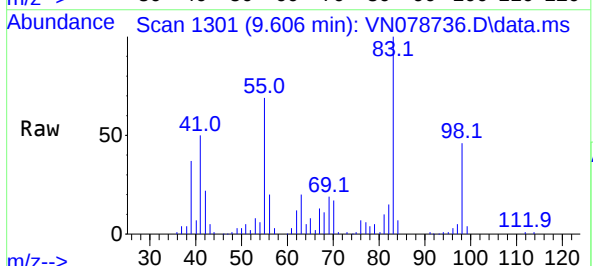
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

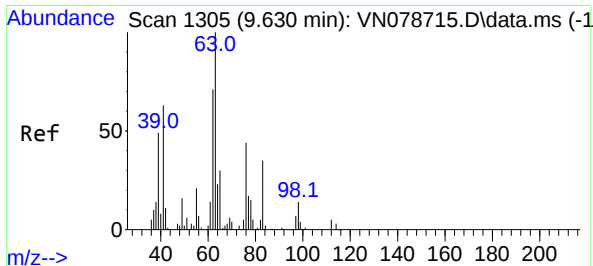
Tgt Ion:130 Resp: 130041
Ion Ratio Lower Upper
130 100
95 100.4 78.2 117.4



#38
Methylcyclohexane
Concen: 20.321 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 83 Resp: 150998
Ion Ratio Lower Upper
83 100
55 71.2 34.0 102.0
98 46.1 23.0 69.0

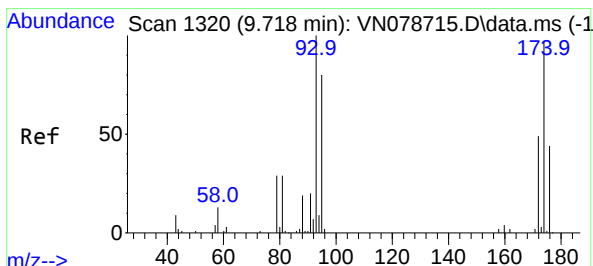
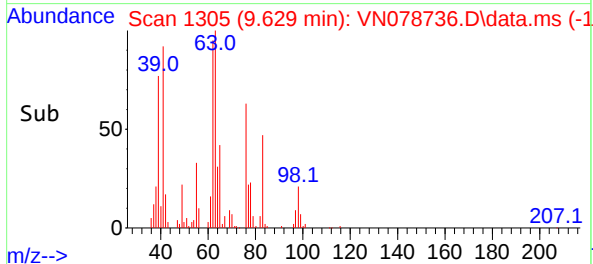
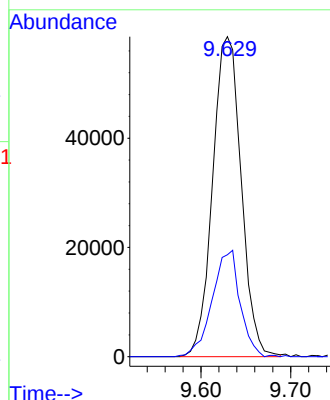
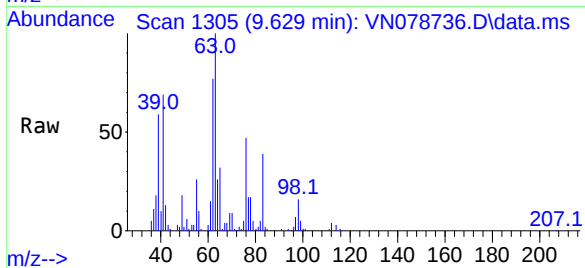




#39
1,2-Dichloropropane
Concen: 22.237 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

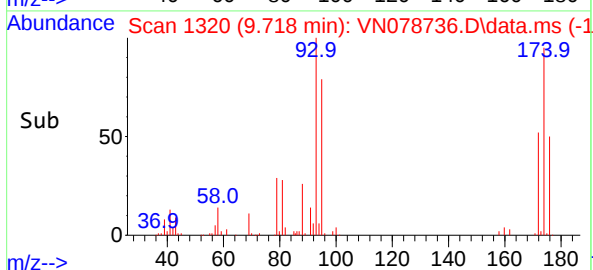
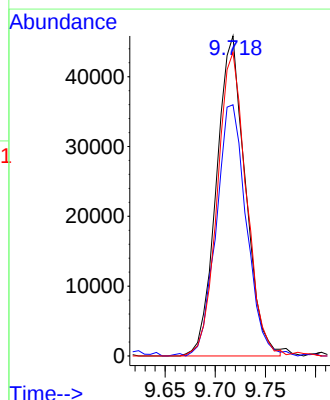
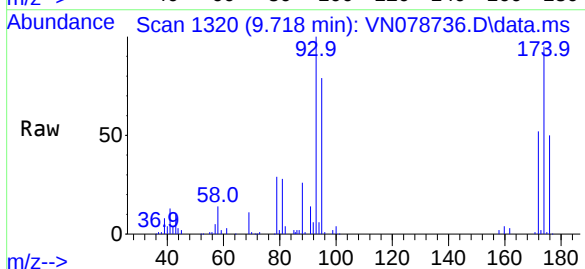
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

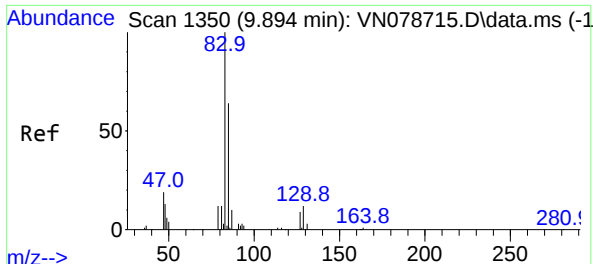
Tgt Ion: 63 Resp: 129503
Ion Ratio Lower Upper
63 100
65 31.8 27.4 41.2



#40
Dibromomethane
Concen: 22.816 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 93 Resp: 91968
Ion Ratio Lower Upper
93 100
95 81.6 0.0 167.8
174 94.7 0.0 180.8

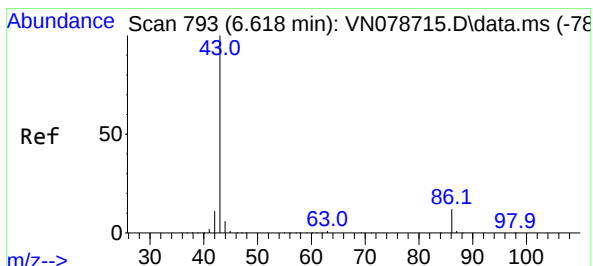
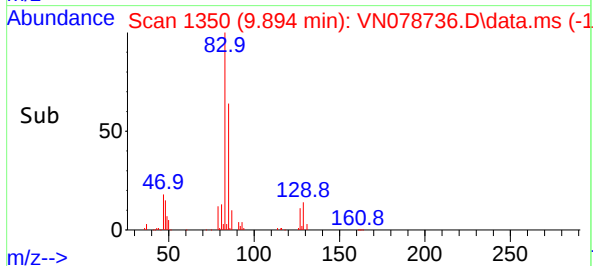
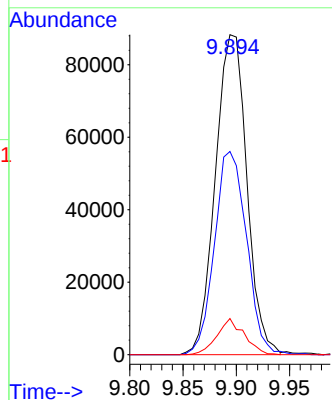
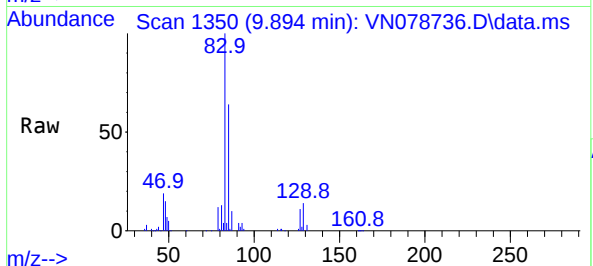




#41
Bromodichloromethane
Concen: 22.551 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

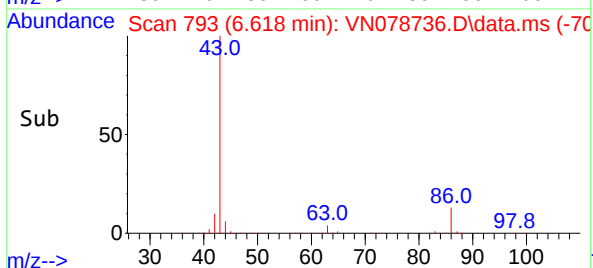
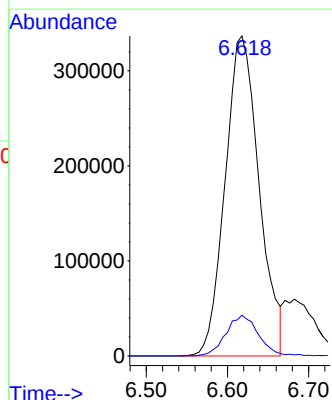
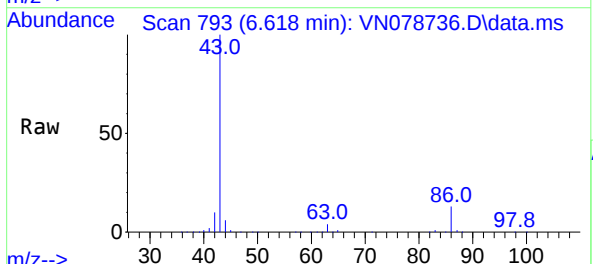
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

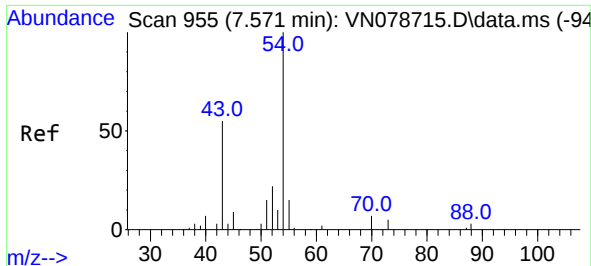
Tgt Ion: 83 Resp: 181729
Ion Ratio Lower Upper
83 100
85 63.5 54.1 81.1
127 11.3 7.8 11.6



#42
Vinyl Acetate
Concen: 106.801 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 43 Resp: 981647
Ion Ratio Lower Upper
43 100
86 12.2 9.4 14.0

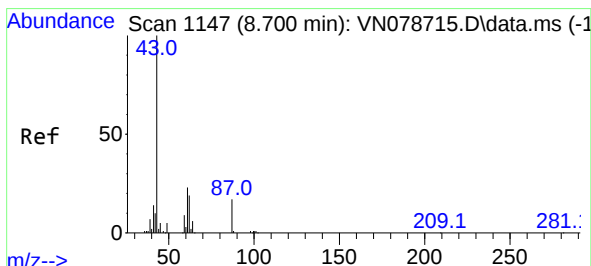
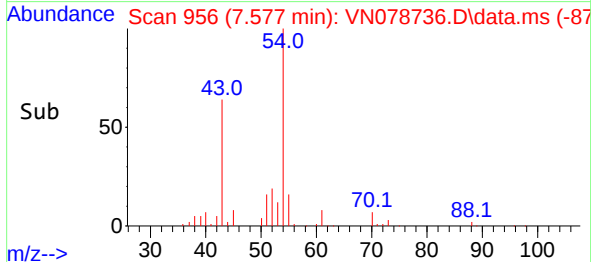
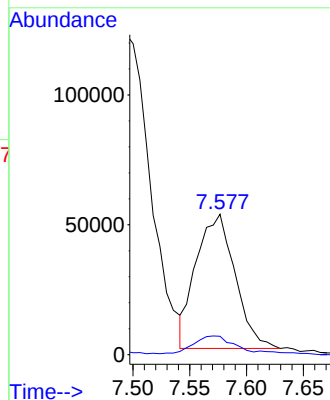
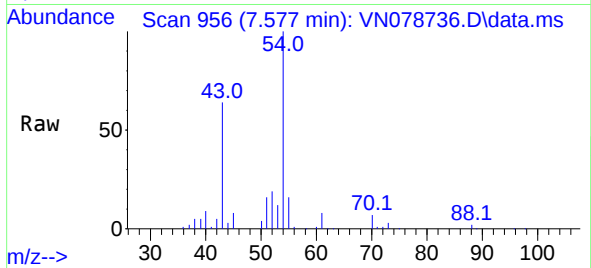




#43
Ethyl Acetate
Concen: 20.800 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

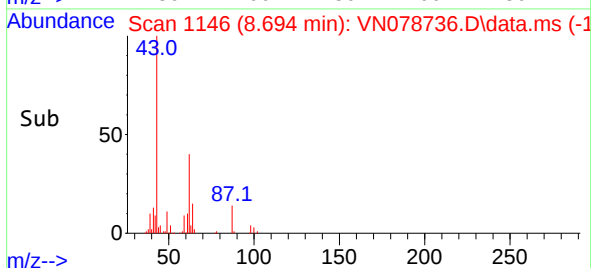
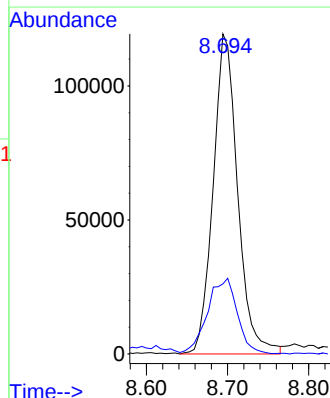
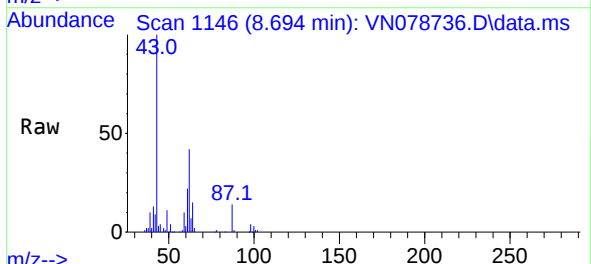
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

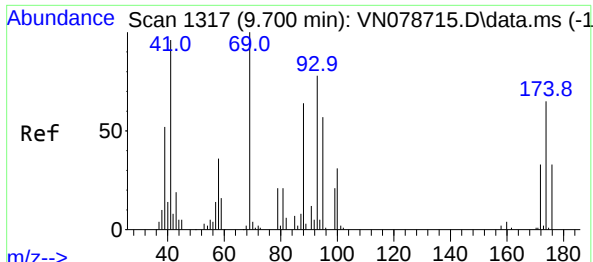
Tgt Ion: 43 Resp: 122937
Ion Ratio Lower Upper
43 100
45 13.2 10.9 16.3



#44
Isopropyl Acetate
Concen: 24.181 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 43 Resp: 250754
Ion Ratio Lower Upper
43 100
61 0.1 23.0 34.6#

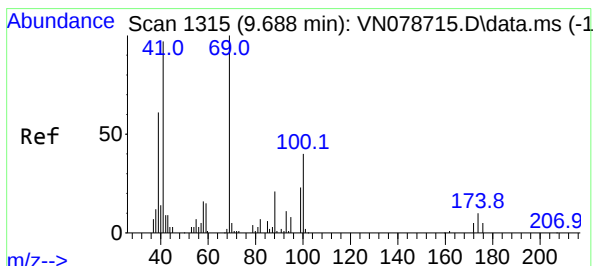
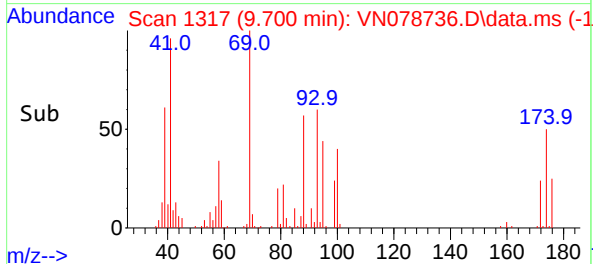
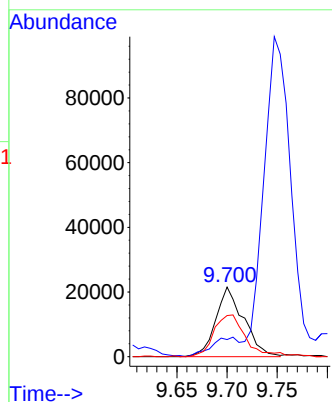
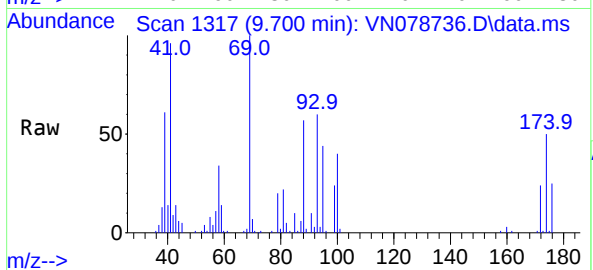




#45
1,4-Dioxane
Concen: 437.275 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

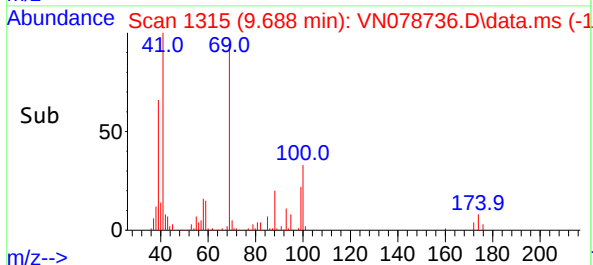
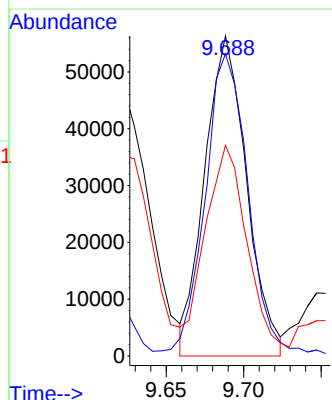
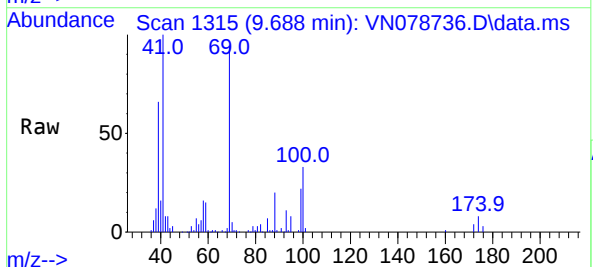
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

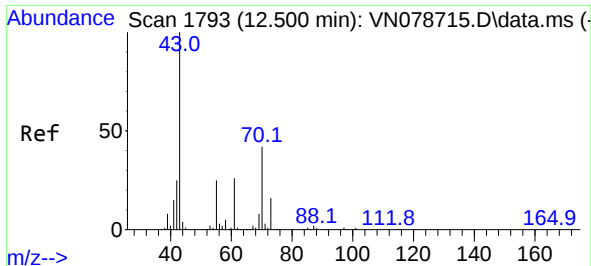
Tgt Ion: 88 Resp: 41711
Ion Ratio Lower Upper
88 100
43 27.0 19.0 28.6
58 66.0 48.2 72.2



#46
Methyl methacrylate
Concen: 22.246 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 41 Resp: 105642
Ion Ratio Lower Upper
41 100
69 95.8 49.0 147.0
39 65.7 31.6 94.8

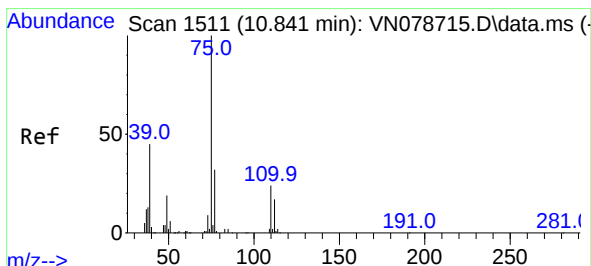
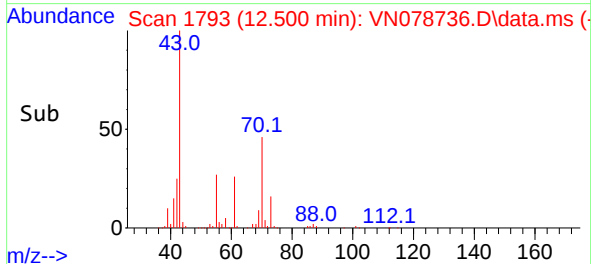
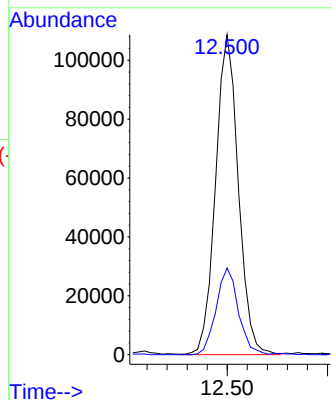
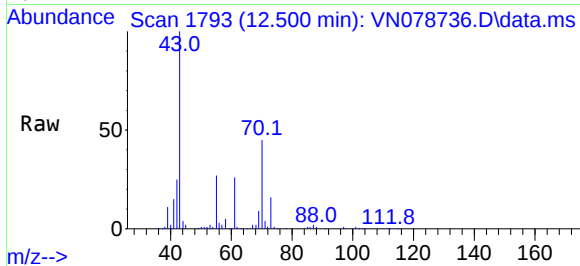




#47
n-amy1 Acetate
Concen: 21.395 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

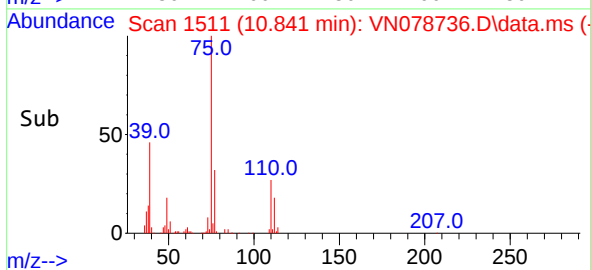
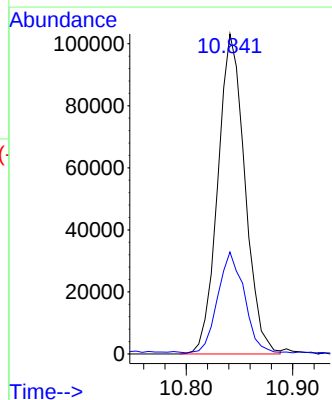
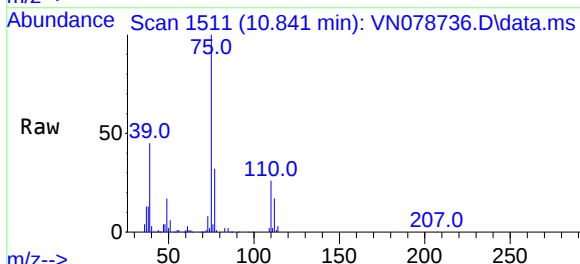
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

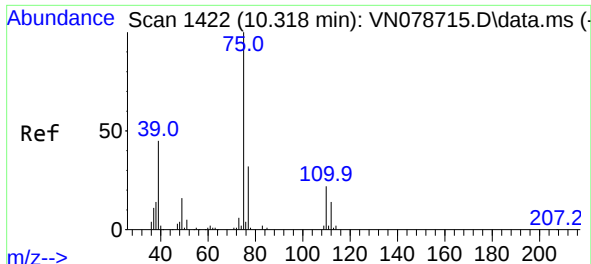
Tgt Ion: 43 Resp: 170867
Ion Ratio Lower Upper
43 100
55 26.4 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 21.190 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 75 Resp: 182253
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1



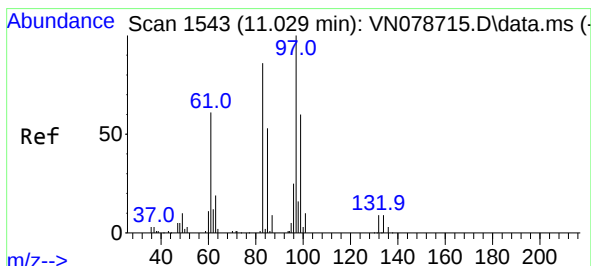
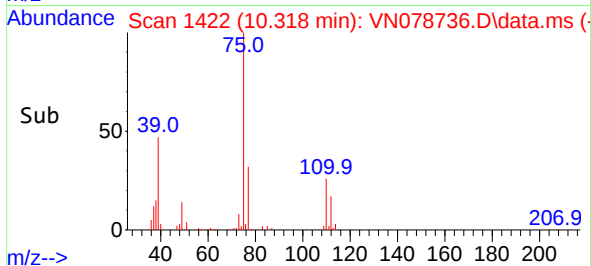
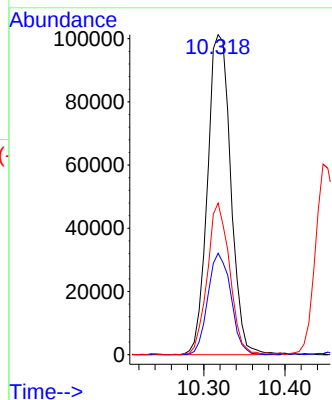
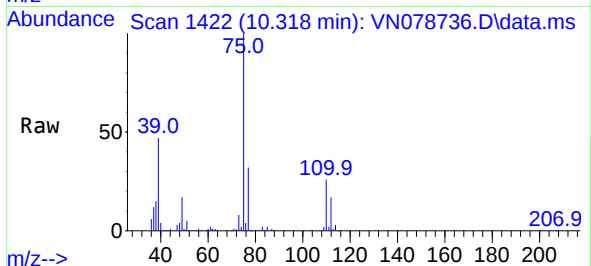


#49
 cis-1,3-Dichloropropene
 Concen: 22.111 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBSD01

Tgt Ion: 75 Resp: 201984

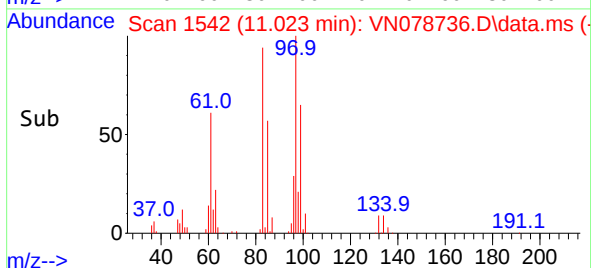
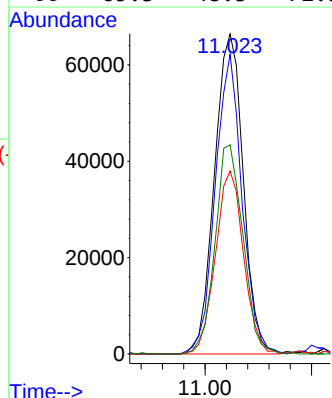
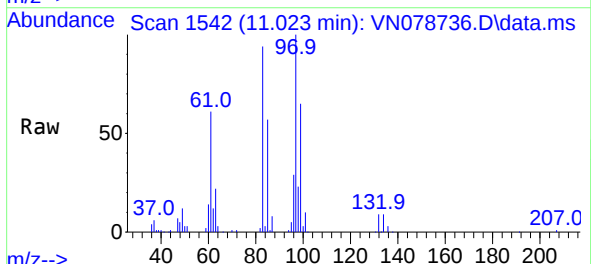
Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.0	36.0
39	47.3	35.1	52.7

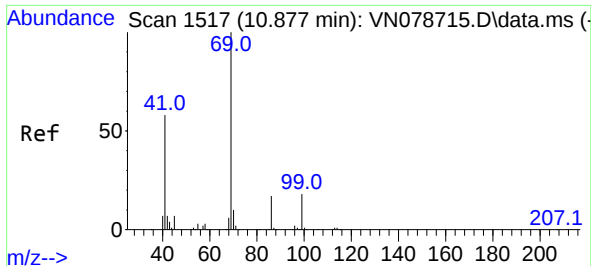


#50
 1,1,2-Trichloroethane
 Concen: 21.754 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. -0.006 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:26

Tgt Ion: 97 Resp: 124126

Ion	Ratio	Lower	Upper
97	100		
83	93.7	66.8	100.2
85	57.2	42.5	63.7
99	65.3	48.3	72.5

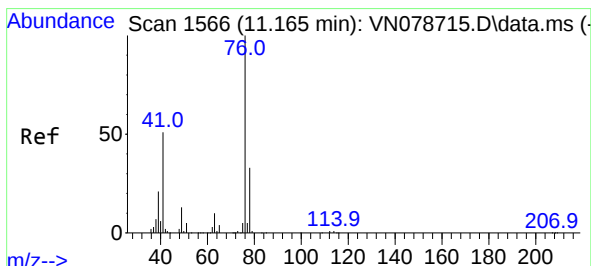
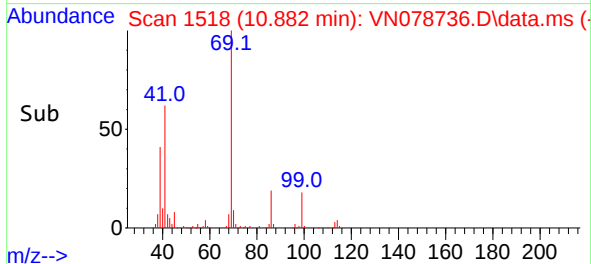
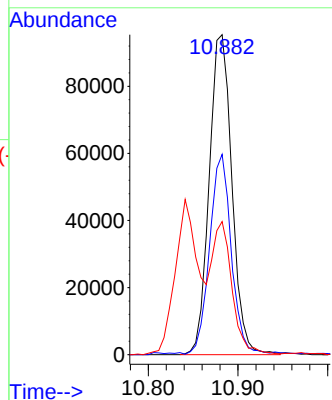
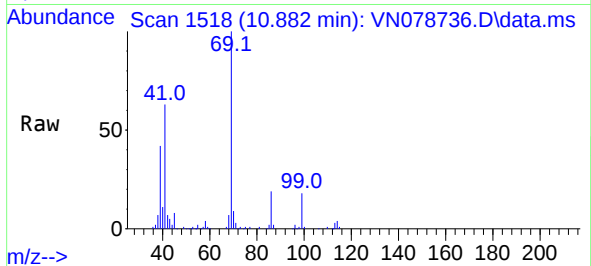




#51
Ethyl methacrylate
Concen: 21.490 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

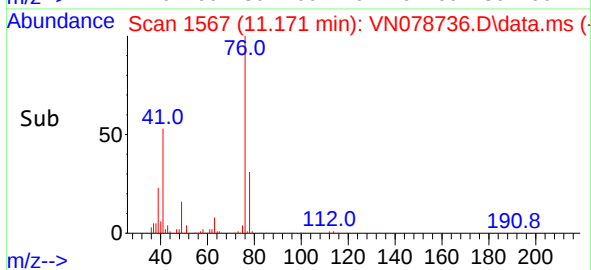
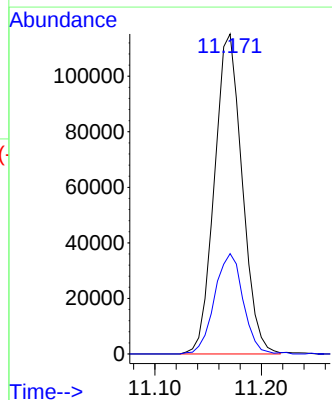
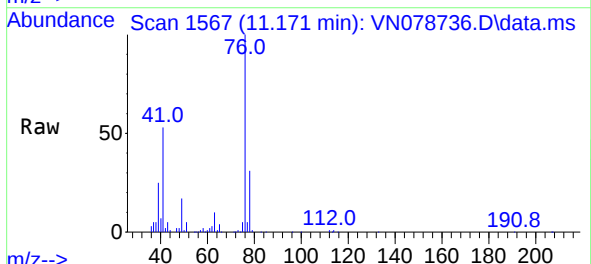
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

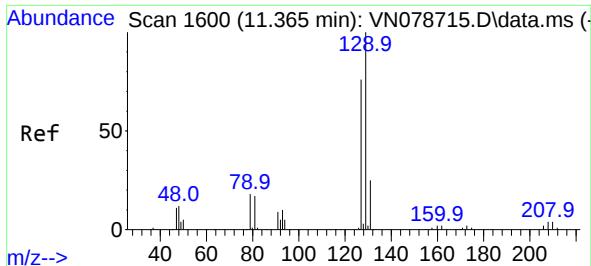
Tgt Ion: 69 Resp: 167878
Ion Ratio Lower Upper
69 100
41 62.0 26.0 78.0
39 41.4 16.3 48.9



#52
1,3-Dichloropropane
Concen: 20.280 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 76 Resp: 207979
Ion Ratio Lower Upper
76 100
78 32.2 0.0 66.2

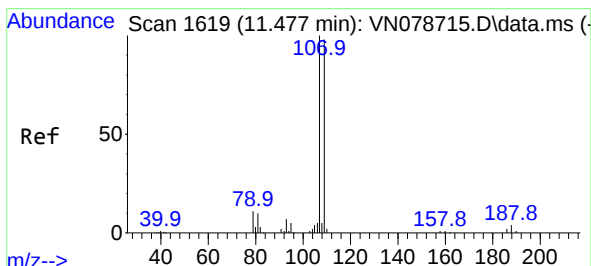
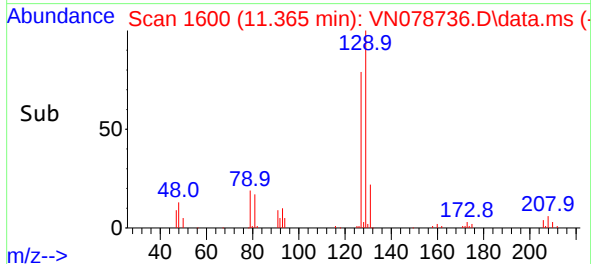
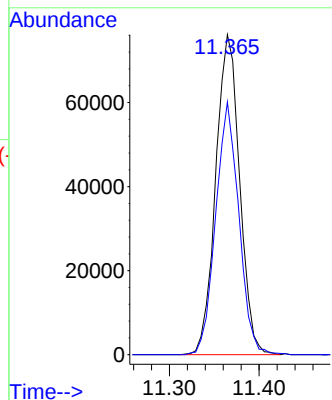
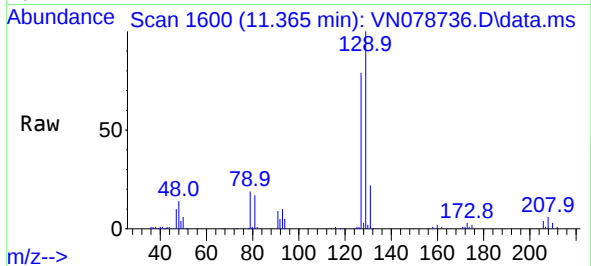




#53
Dibromochloromethane
Concen: 21.856 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

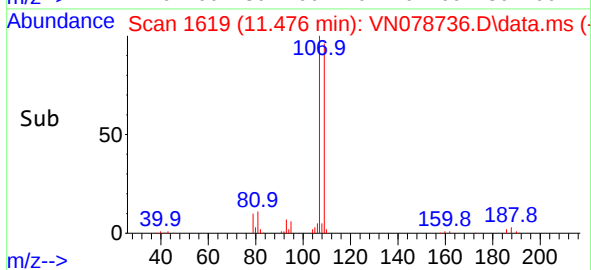
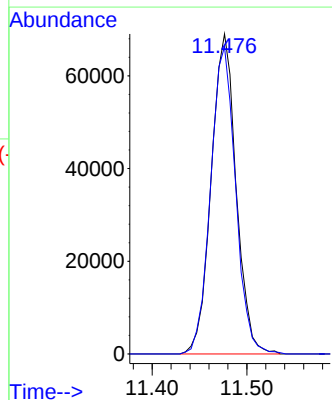
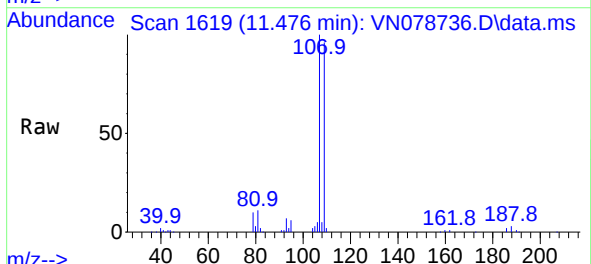
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

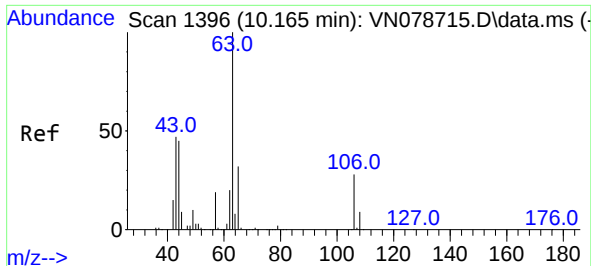
Tgt Ion:129 Resp: 140877
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.1



#54
1,2-Dibromoethane
Concen: 22.040 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion:107 Resp: 126275
Ion Ratio Lower Upper
107 100
109 96.3 74.6 112.0

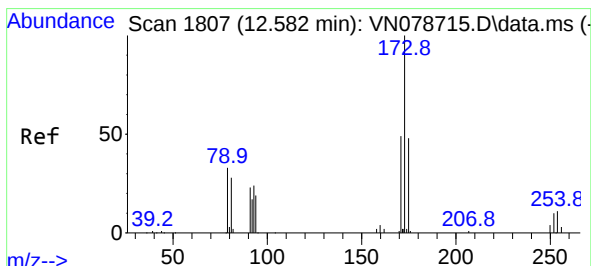
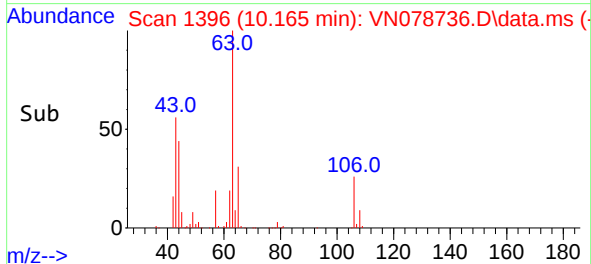
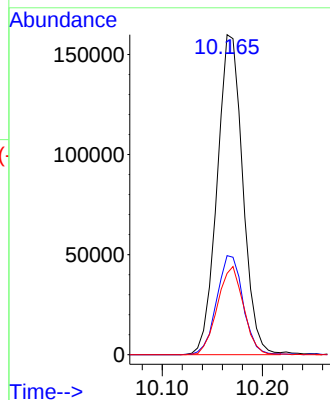
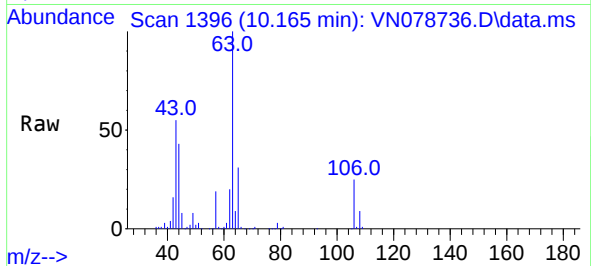




#55
2-Chloroethyl vinyl ether
Concen: 114.106 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

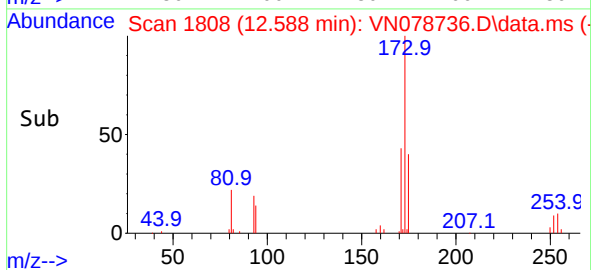
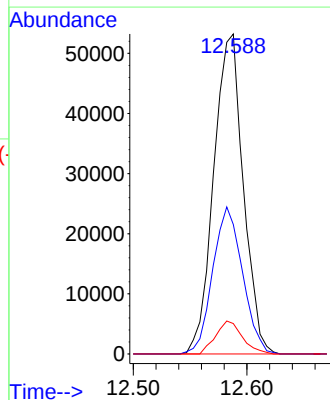
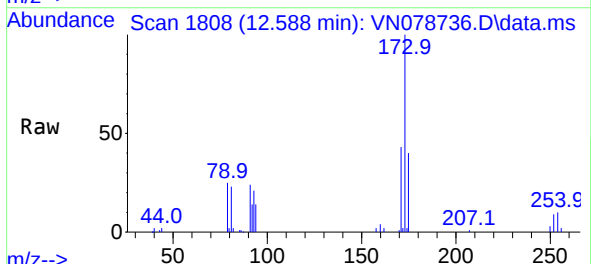
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

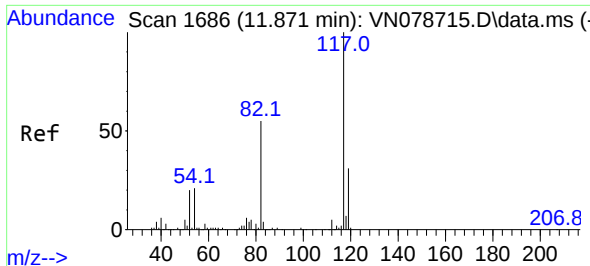
Tgt Ion: 63 Resp: 284035
Ion Ratio Lower Upper
63 100
65 31.8 26.3 39.5
106 27.6 23.8 35.6



#56
Bromoform
Concen: 22.810 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

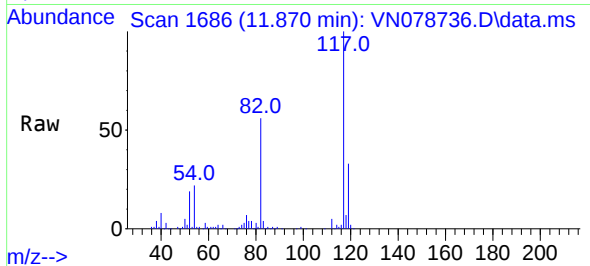
Tgt Ion:173 Resp: 96202
Ion Ratio Lower Upper
173 100
175 46.3 40.7 61.1
254 9.3 6.5 9.7





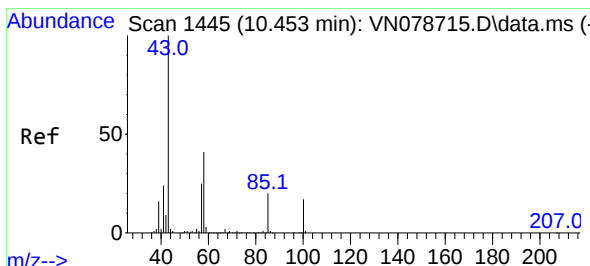
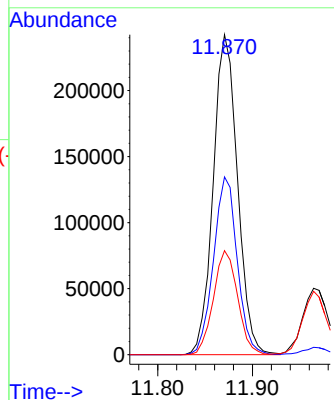
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion:117 Resp: 431971

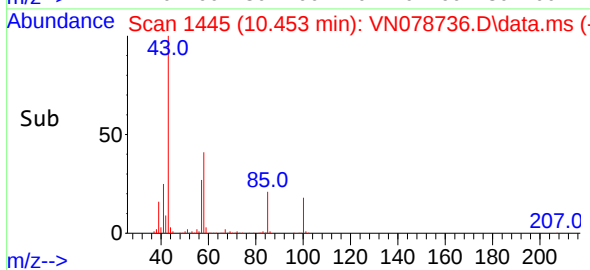
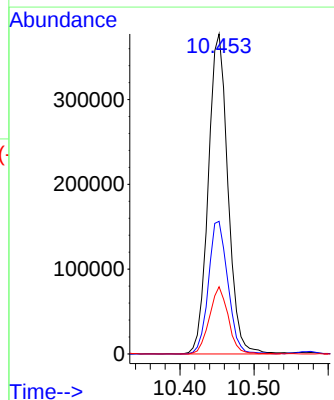
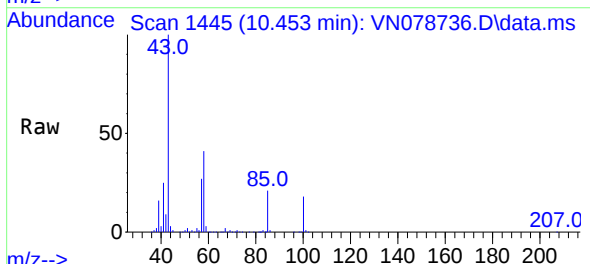
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.9	65.9
119	32.4	26.2	39.4

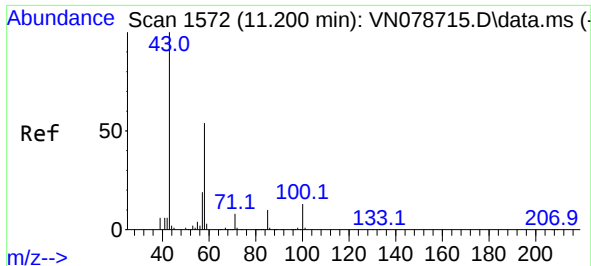


#58
4-Methyl-2-Pentanone
Concen: 107.434 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 43 Resp: 694633

Ion	Ratio	Lower	Upper
43	100		
58	41.0	32.6	48.8
85	20.2	16.2	24.2

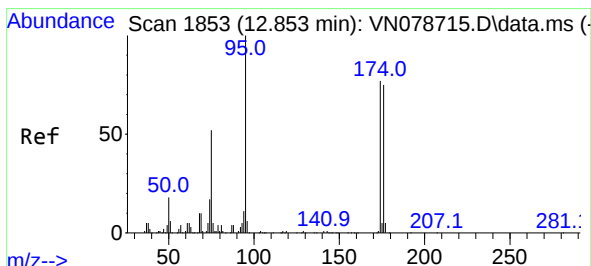
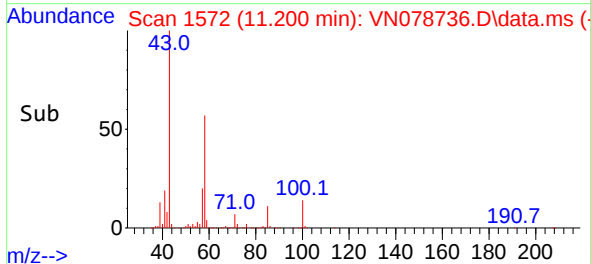
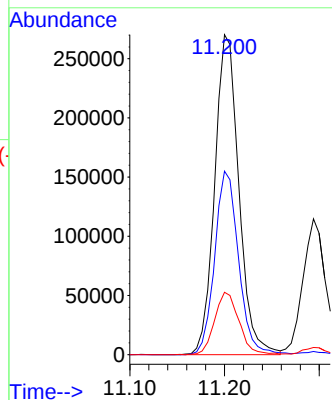
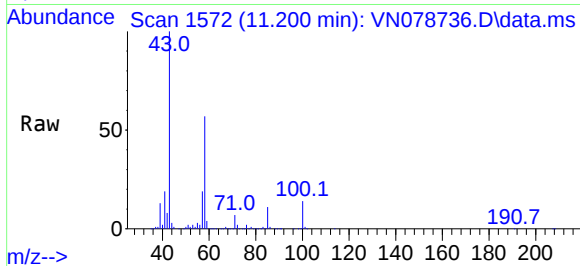




#59
2-Hexanone
Concen: 98.156 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

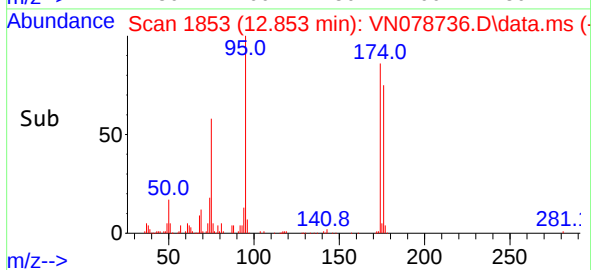
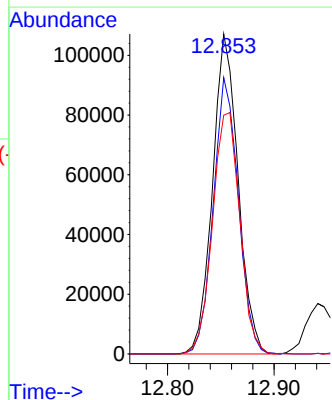
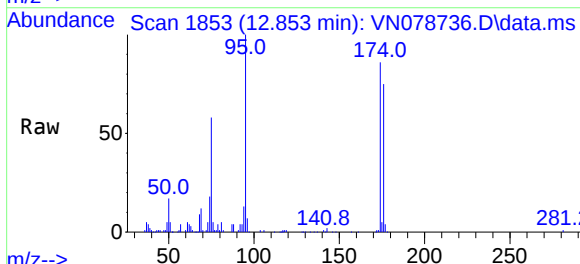
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

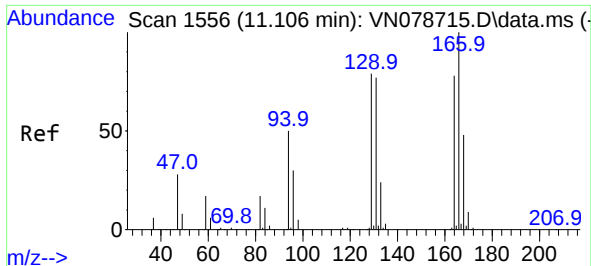
Tgt Ion: 43 Resp: 480535
Ion Ratio Lower Upper
43 100
58 56.6 45.9 68.9
57 19.7 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 27.576 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 95 Resp: 178517
Ion Ratio Lower Upper
95 100
174 84.8 61.7 92.5
176 80.5 58.1 87.1

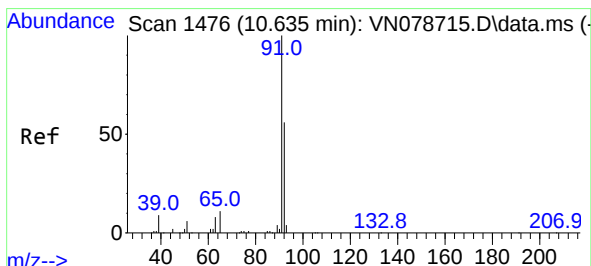
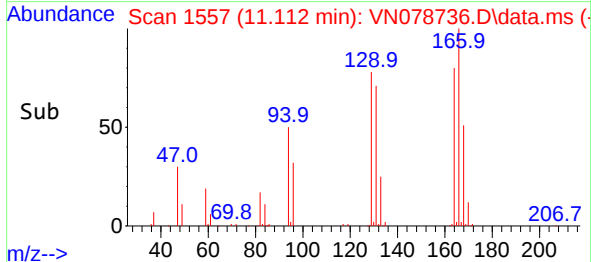
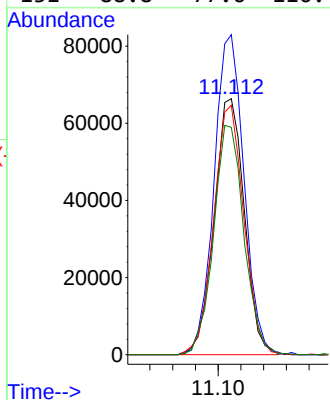
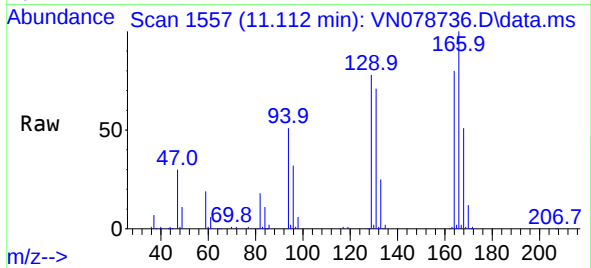




#61
Tetrachloroethene
Concen: 21.539 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

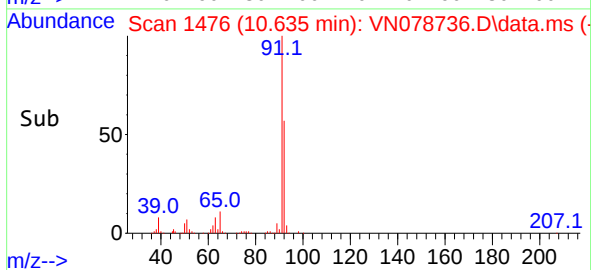
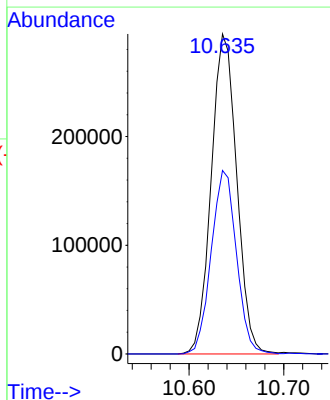
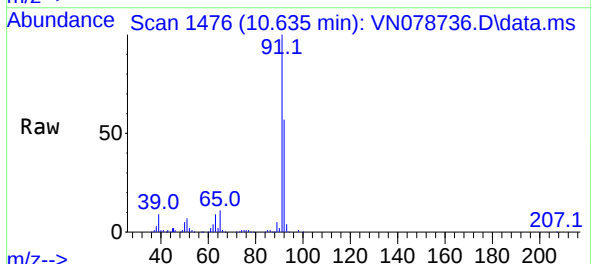
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

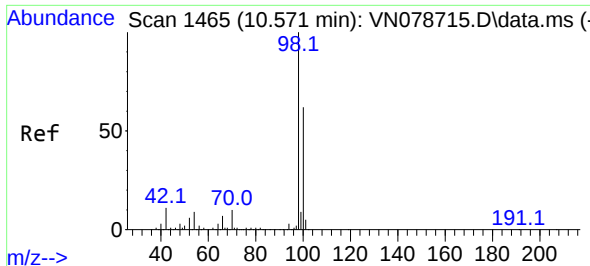
Tgt Ion:164 Resp: 122348
Ion Ratio Lower Upper
164 100
166 125.0 99.1 148.7
129 97.4 85.6 128.4
131 88.8 77.6 116.4



#62
Toluene
Concen: 21.198 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 91 Resp: 550811
Ion Ratio Lower Upper
91 100
92 56.8 45.2 67.8

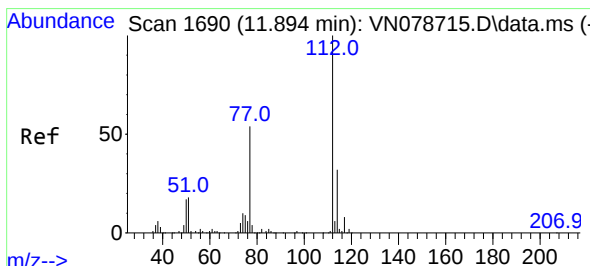
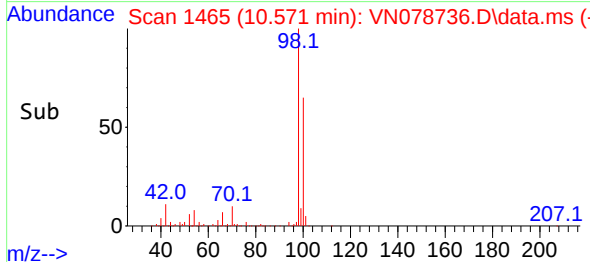
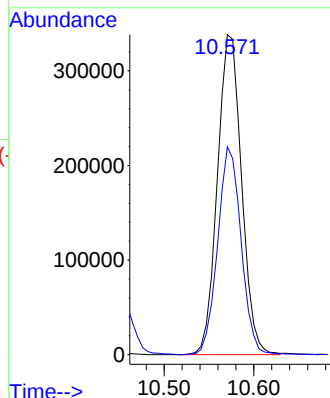
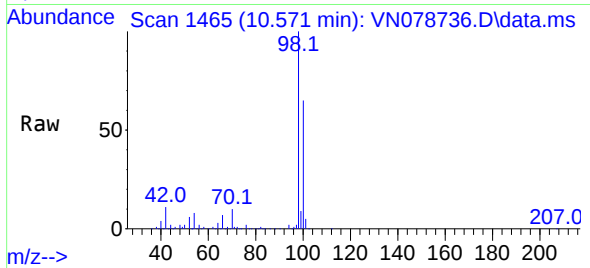




#63
Toluene-d8
Concen: 29.647 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

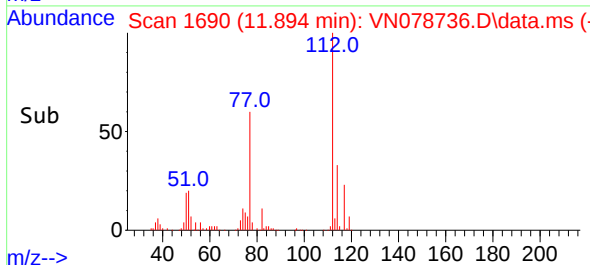
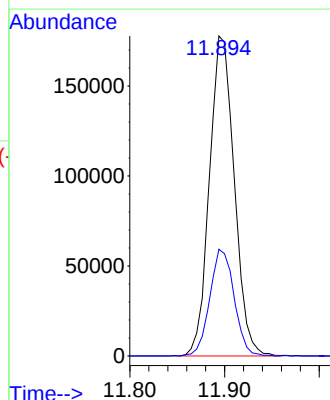
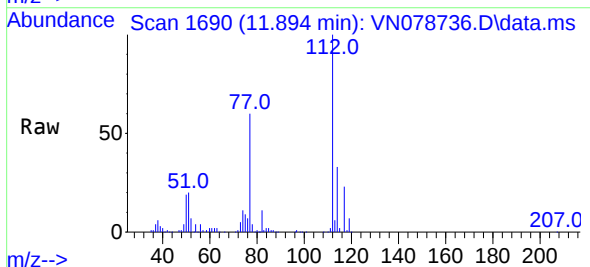
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

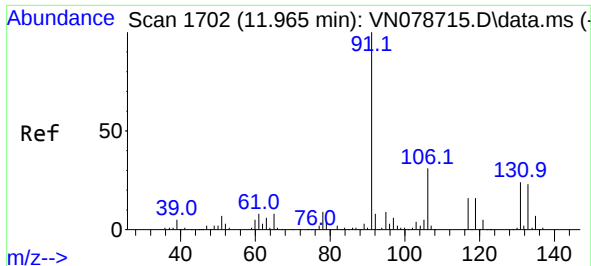
Tgt Ion: 98 Resp: 632635
Ion Ratio Lower Upper
98 100
100 63.0 49.7 74.5



#64
Chlorobenzene
Concen: 21.377 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 112 Resp: 324290
Ion Ratio Lower Upper
112 100
114 33.4 25.9 38.9

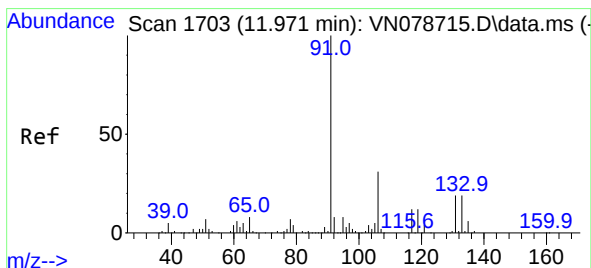
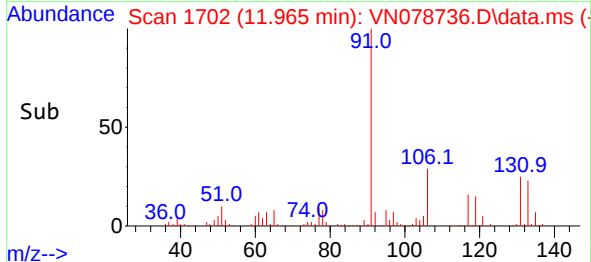
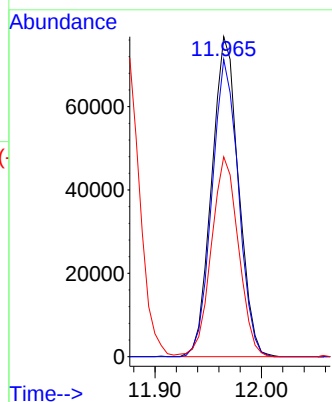
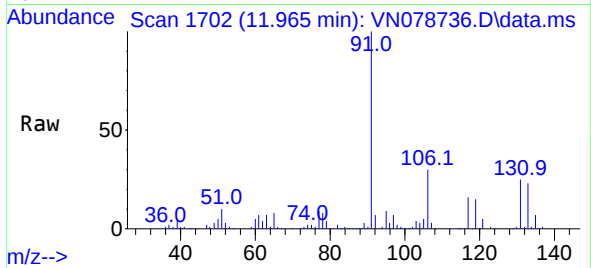




#65
1,1,1,2-Tetrachloroethane
Concen: 22.486 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

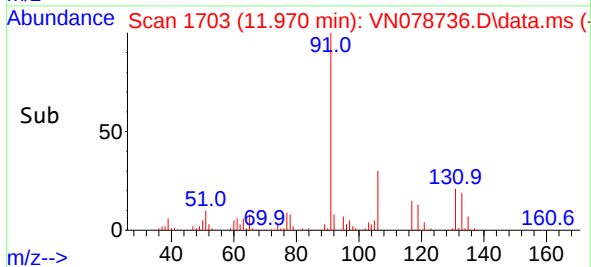
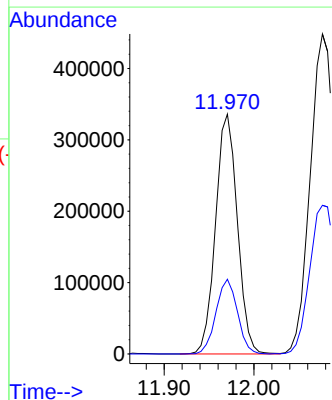
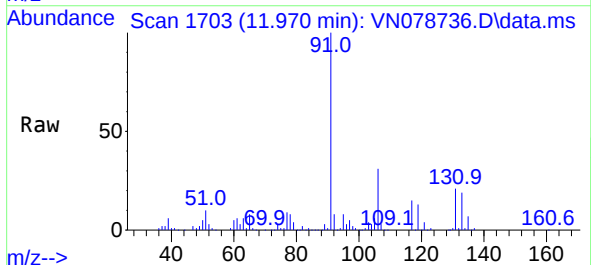
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

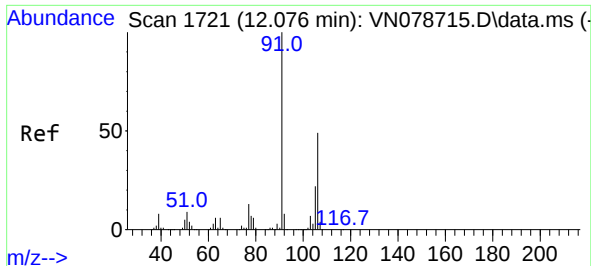
Tgt Ion:131 Resp: 134530
Ion Ratio Lower Upper
131 100
133 91.5 0.0 191.8
119 62.9 0.0 132.0



#66
Ethyl Benzene
Concen: 21.656 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 91 Resp: 567109
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

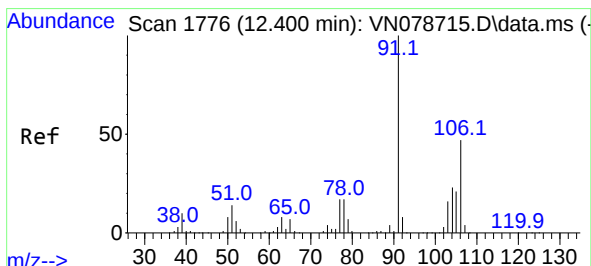
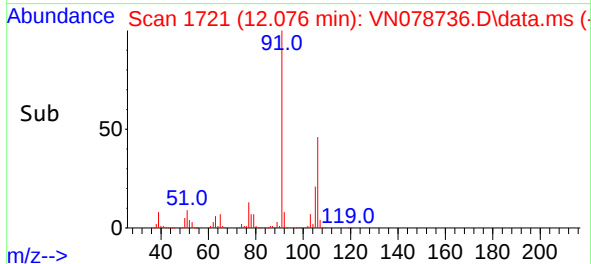
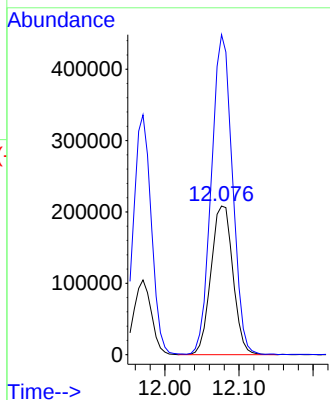
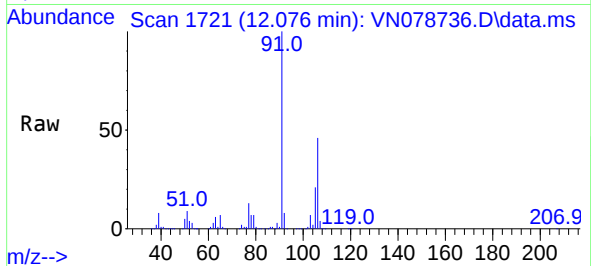




#67
m/p-Xylenes
Concen: 42.853 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

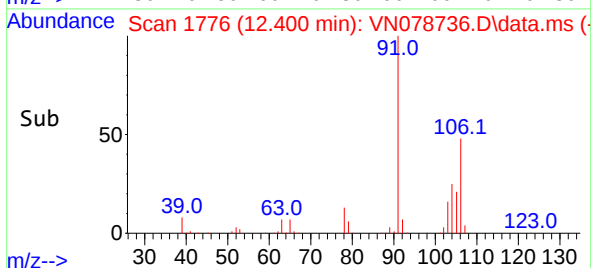
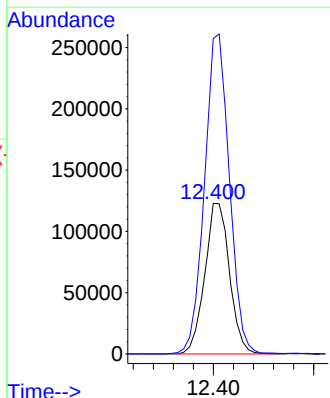
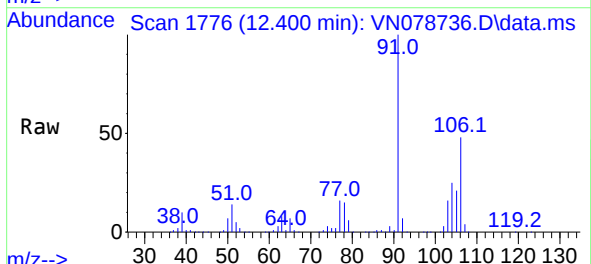
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

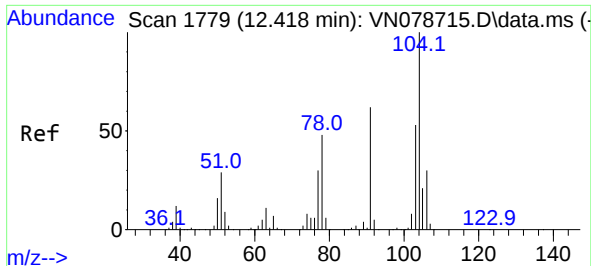
Tgt Ion:106 Resp: 428658
Ion Ratio Lower Upper
106 100
91 206.5 162.5 243.7



#68
o-Xylene
Concen: 20.669 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion:106 Resp: 210381
Ion Ratio Lower Upper
106 100
91 213.7 106.1 318.3

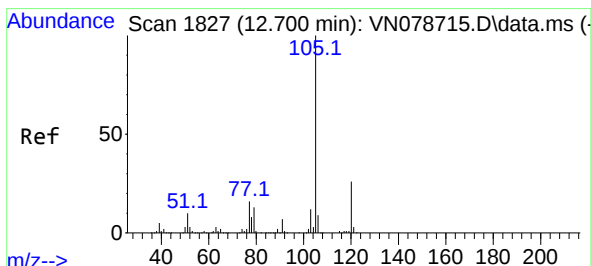
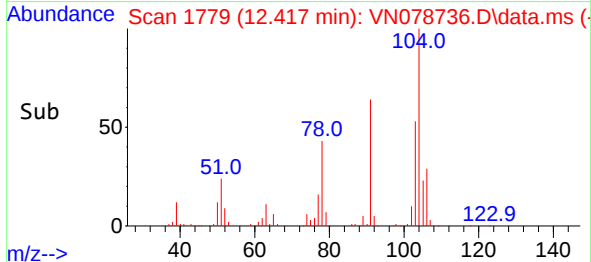
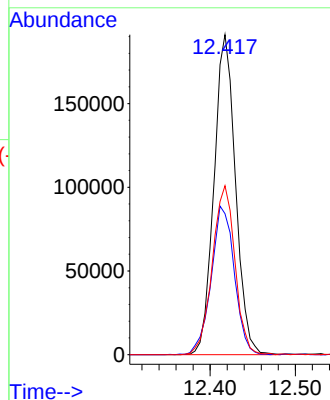
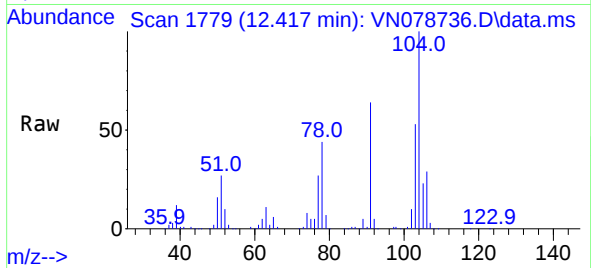




#69
Styrene
Concen: 20.482 ug/l
RT: 12.417 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

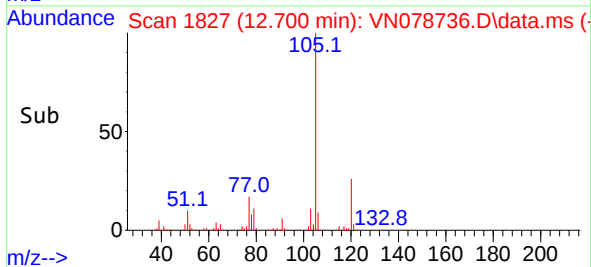
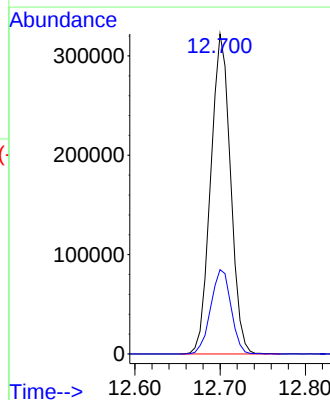
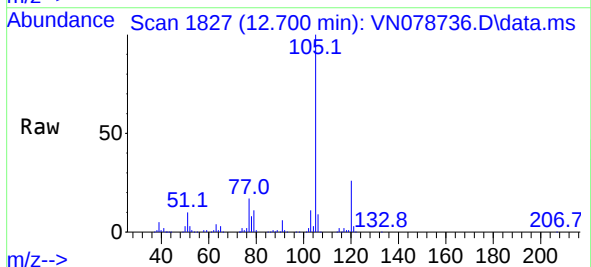
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

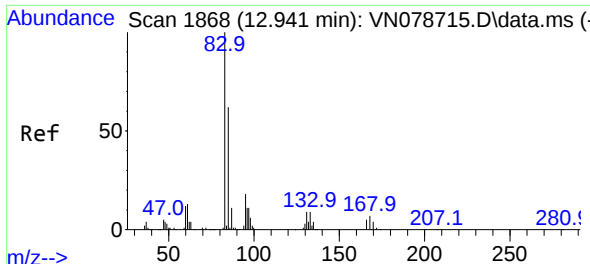
Tgt Ion:104 Resp: 335423
Ion Ratio Lower Upper
104 100
78 49.9 40.1 60.1
103 55.5 45.1 67.7



#70
Isopropylbenzene
Concen: 20.683 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion:105 Resp: 520775
Ion Ratio Lower Upper
105 100
120 27.0 18.3 34.1

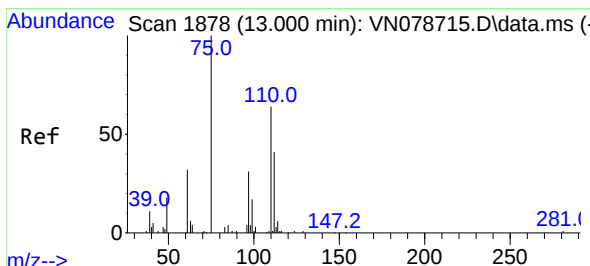
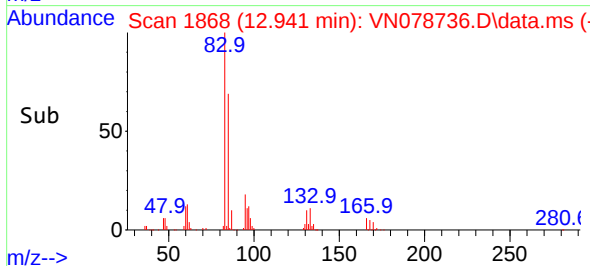
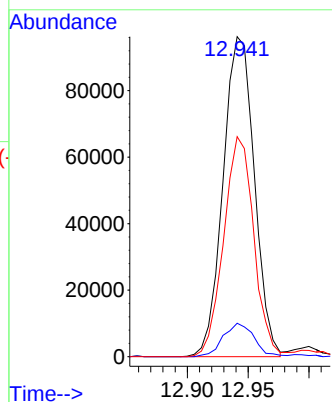
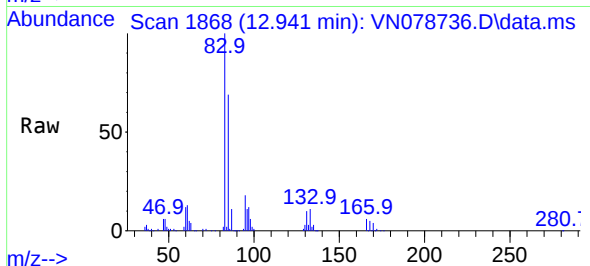




#71
1,1,2,2-Tetrachloroethane
Concen: 21.036 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

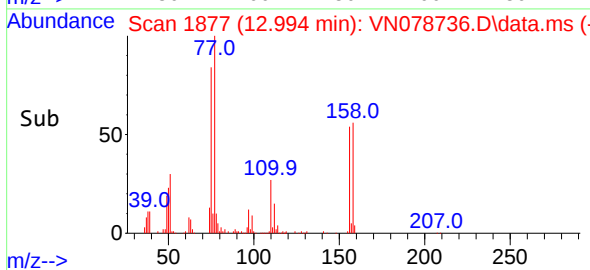
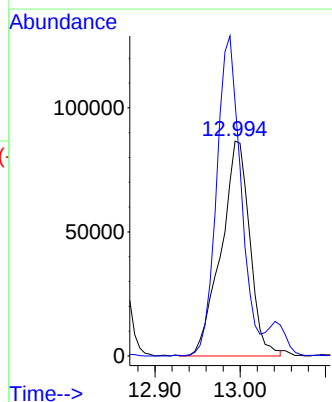
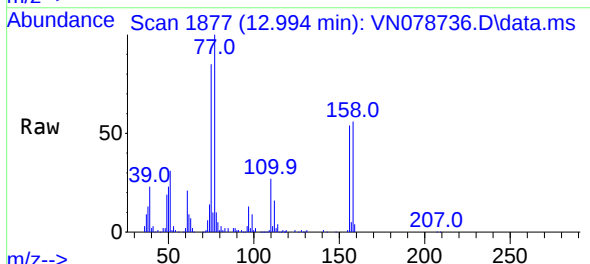
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

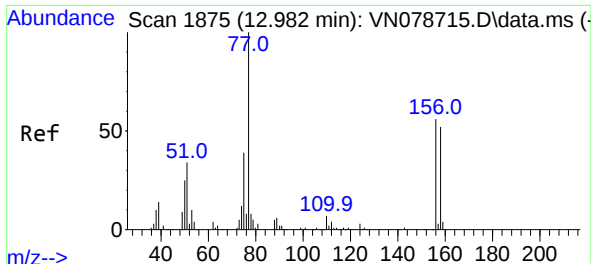
Tgt Ion: 83 Resp: 172063
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.4
85 66.0 32.6 98.0



#72
1,2,3-Trichloropropane
Concen: 29.491 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 75 Resp: 202353
Ion Ratio Lower Upper
75 100
77 126.0 0.0 387.4

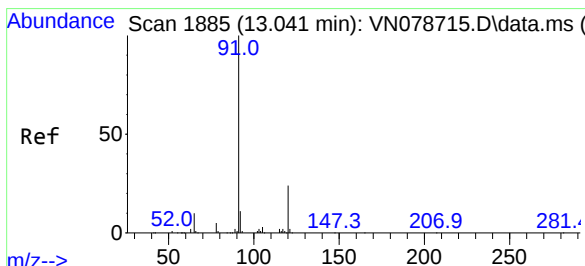
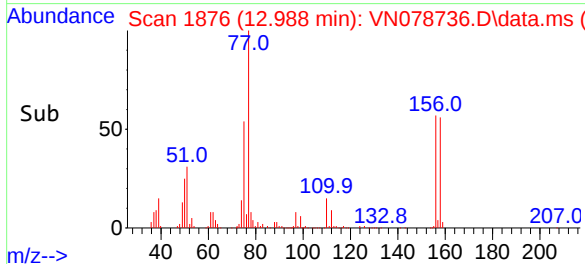
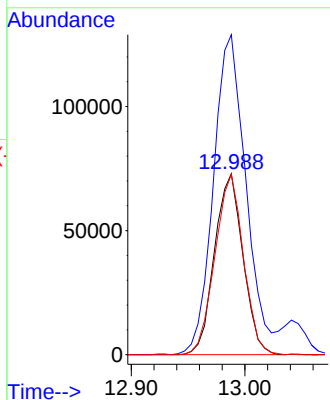
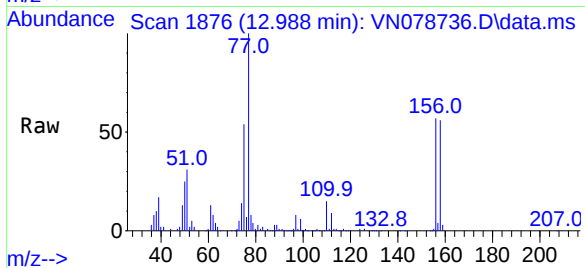




#73
Bromobenzene
Concen: 20.531 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

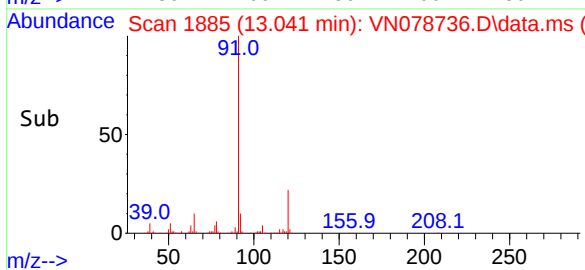
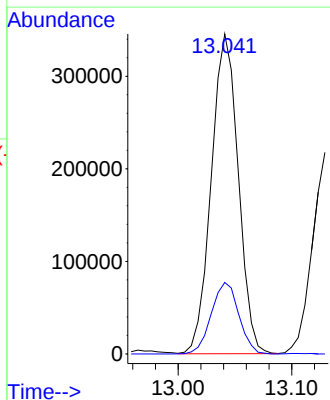
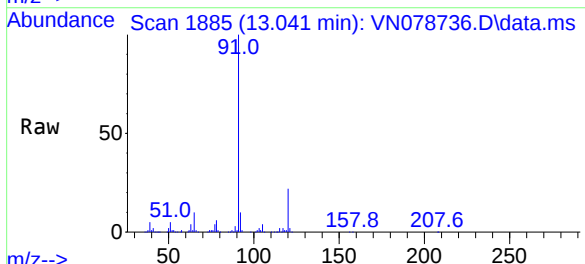
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

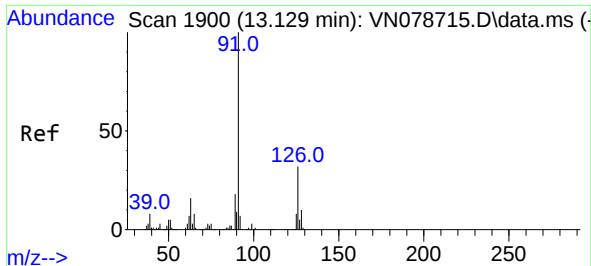
Tgt Ion:156 Resp: 126710
Ion Ratio Lower Upper
156 100
77 201.2 0.0 420.8
158 99.9 0.0 193.2



#74
n-propylbenzene
Concen: 20.406 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 91 Resp: 569489
Ion Ratio Lower Upper
91 100
120 22.8 0.0 44.6

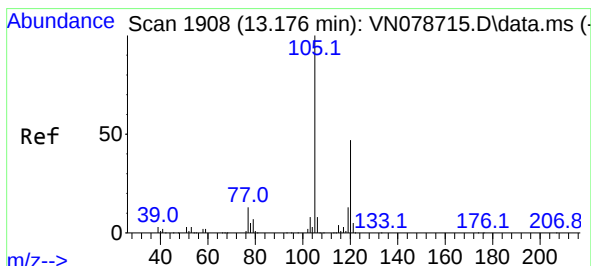
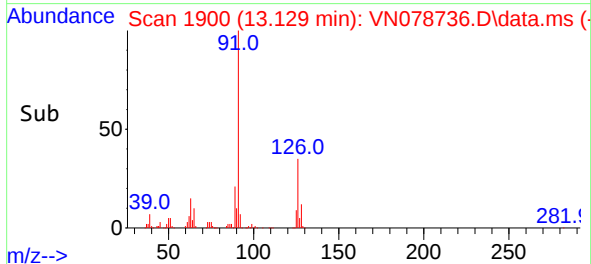
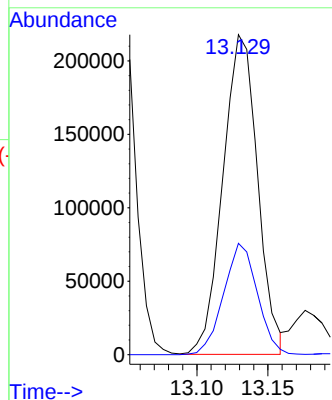
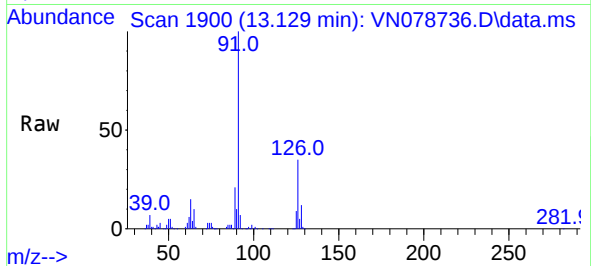




#75
2-Chlorotoluene
Concen: 19.217 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

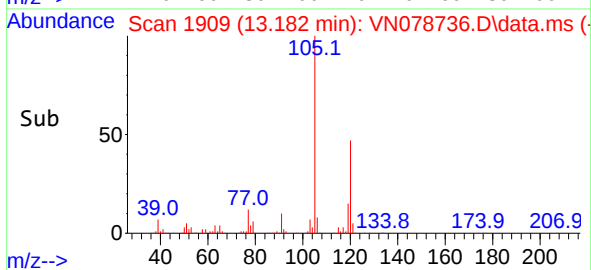
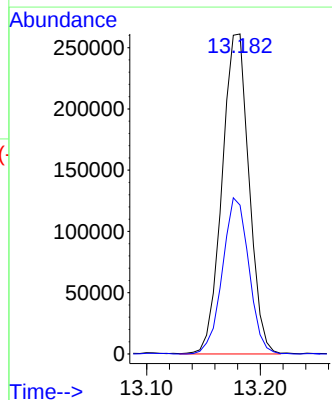
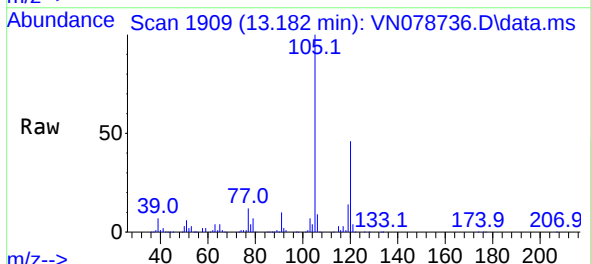
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

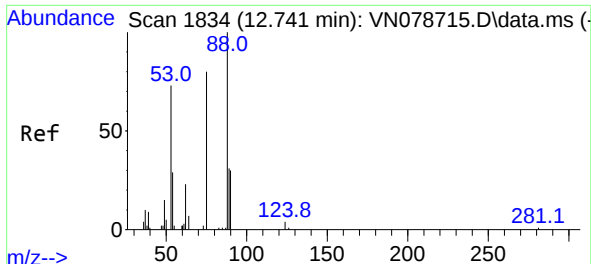
Tgt Ion: 91 Resp: 370368
Ion Ratio Lower Upper
91 100
126 33.9 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 19.135 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 105 Resp: 430173
Ion Ratio Lower Upper
105 100
120 47.9 0.0 97.2

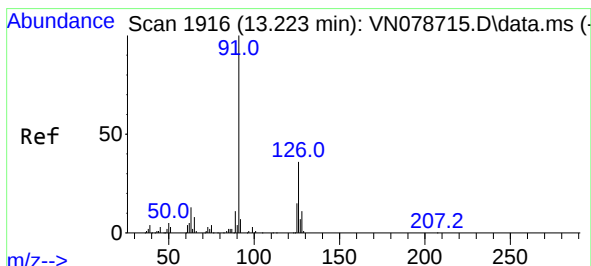
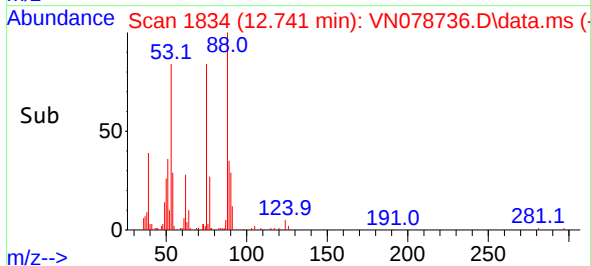
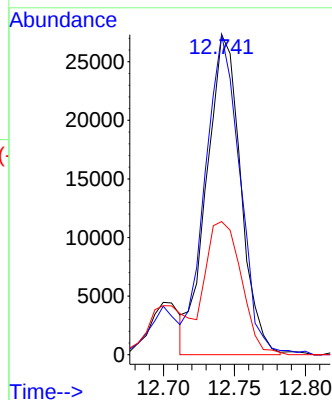
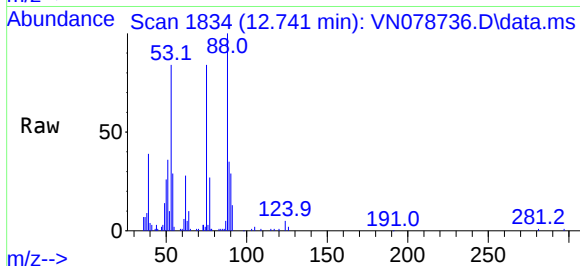




#77
t-1,4-Dichloro-2-butene
Concen: 19.041 ug/l
RT: 12.741 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

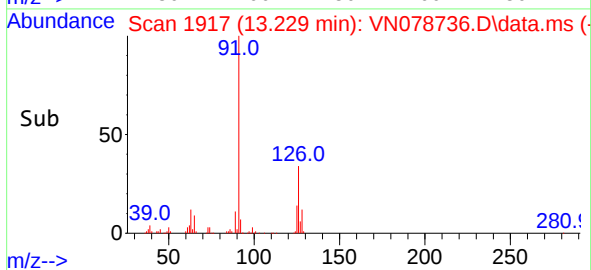
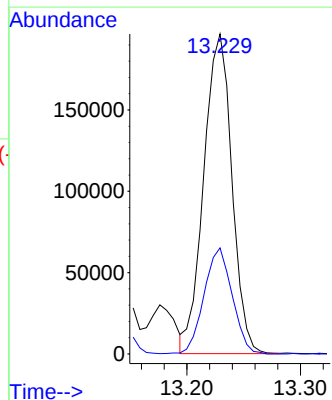
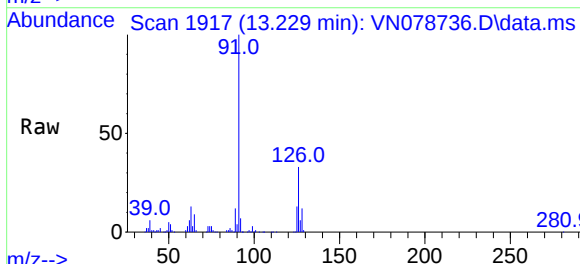
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

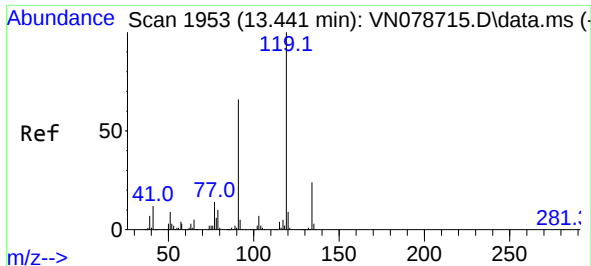
Tgt Ion: 75 Resp: 45661
Ion Ratio Lower Upper
75 100
53 99.4 41.6 124.9
89 41.2 25.1 75.4



#78
4-Chlorotoluene
Concen: 18.185 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 91 Resp: 338400
Ion Ratio Lower Upper
91 100
126 33.0 0.0 68.8

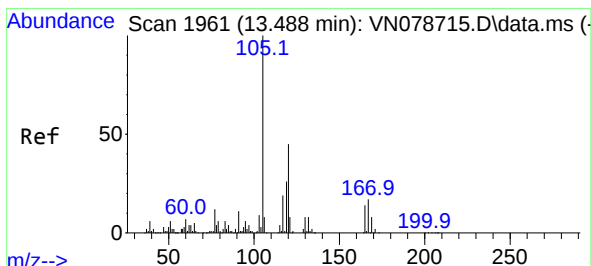
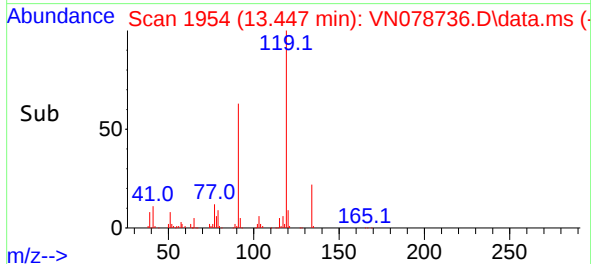
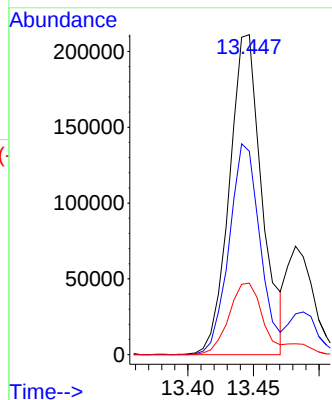
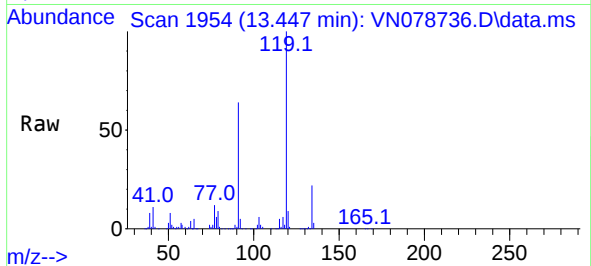




#79
tert-butylbenzene
Concen: 18.851 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

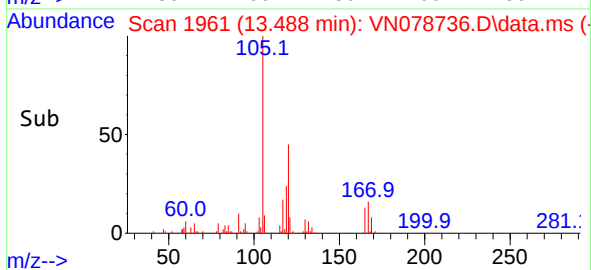
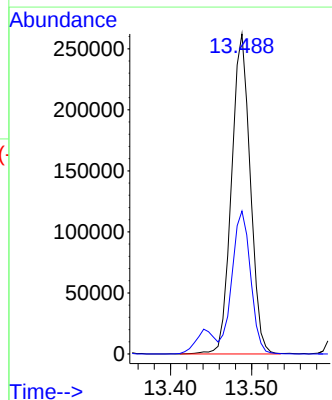
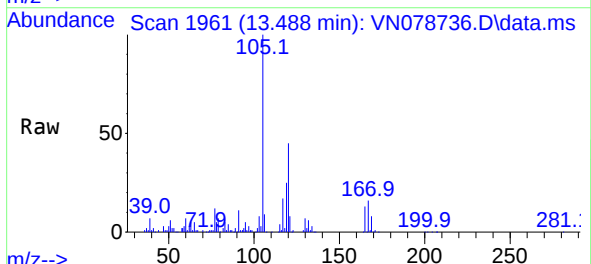
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

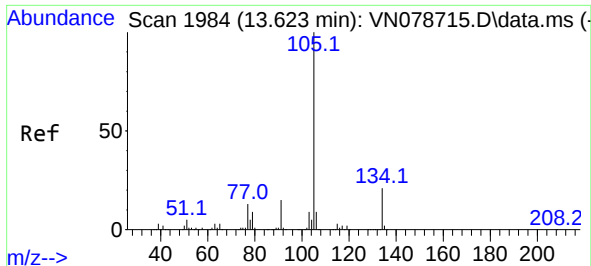
Tgt Ion:119 Resp: 364756
Ion Ratio Lower Upper
119 100
91 62.9 0.0 126.6
134 22.9 0.0 44.0



#80
1,2,4-Trimethylbenzene
Concen: 19.559 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion:105 Resp: 419956
Ion Ratio Lower Upper
105 100
120 44.3 0.0 88.2

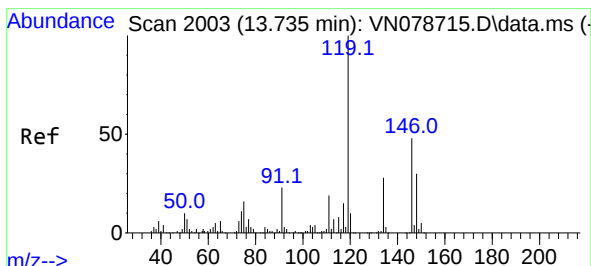
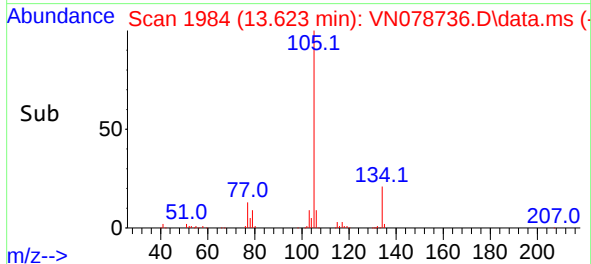
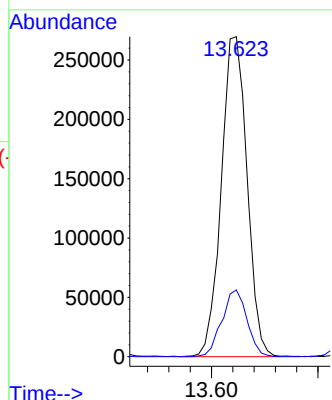
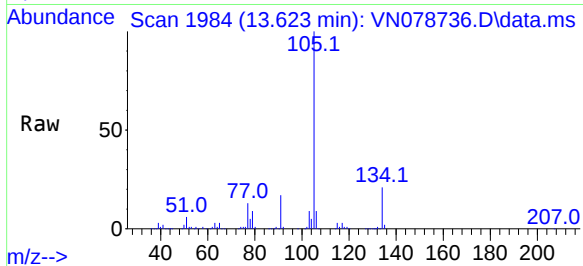




#81
 sec-Butylbenzene
 Concen: 18.261 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:26

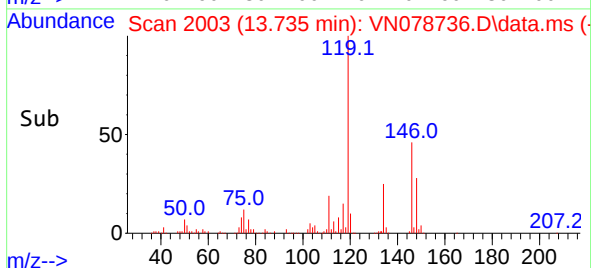
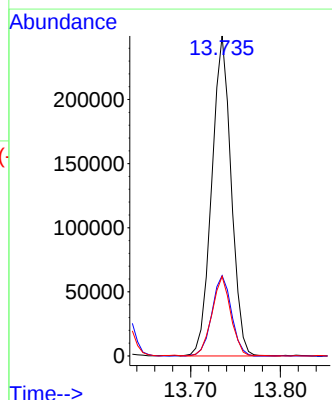
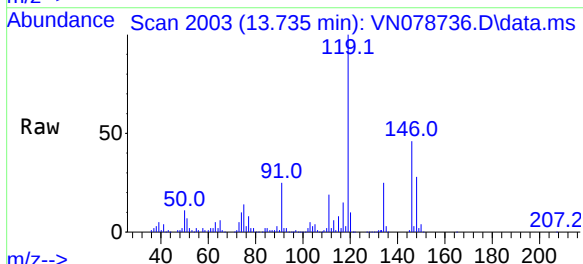
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBSD01

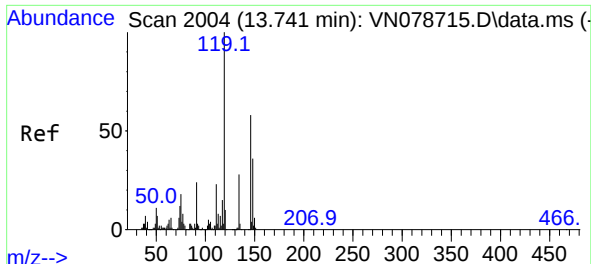
Tgt Ion:105 Resp: 452895
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 18.409 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:26

Tgt Ion:119 Resp: 374839
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.4
 91 24.0 0.0 48.2

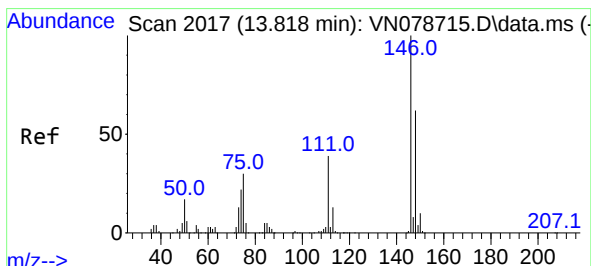
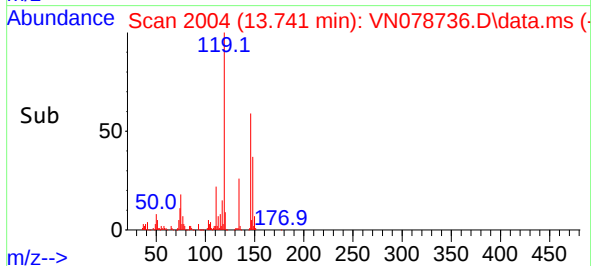
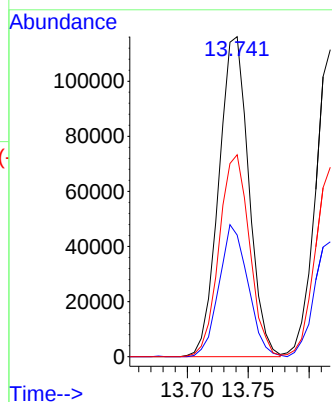
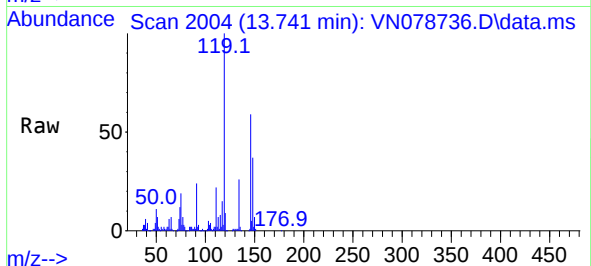




#83
1,3-Dichlorobenzene
Concen: 18.196 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

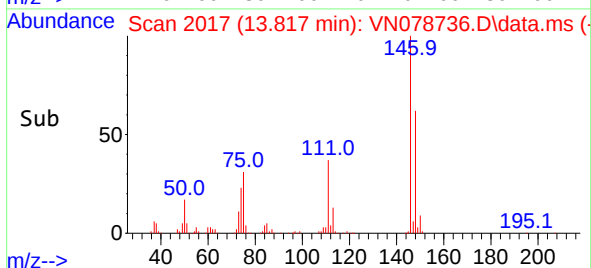
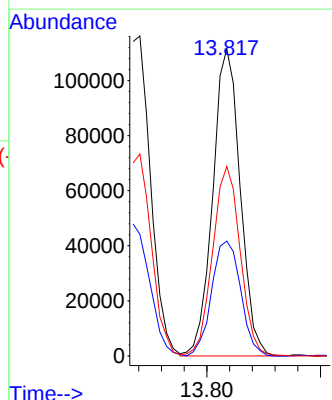
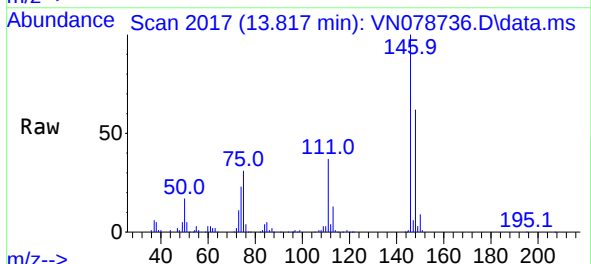
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

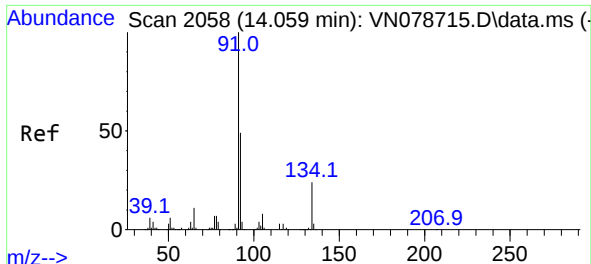
Tgt Ion:146 Resp: 199142
Ion Ratio Lower Upper
146 100
111 39.7 21.6 64.6
148 63.9 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 18.265 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion:146 Resp: 187147
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 62.0 31.4 94.3

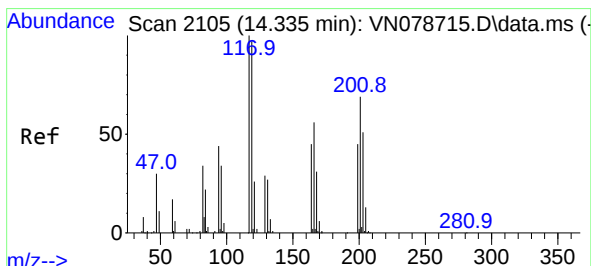
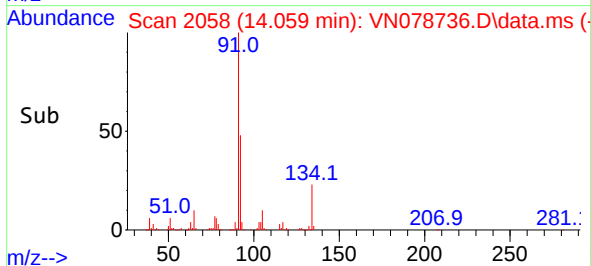
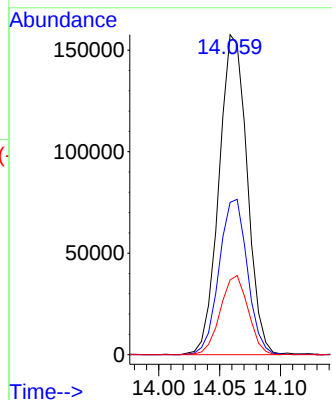
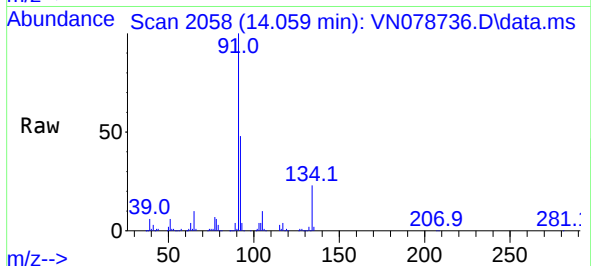




#85
n-Butylbenzene
Concen: 17.972 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

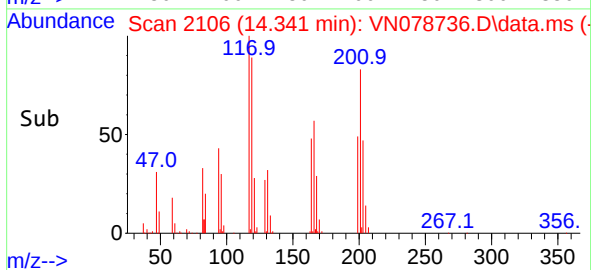
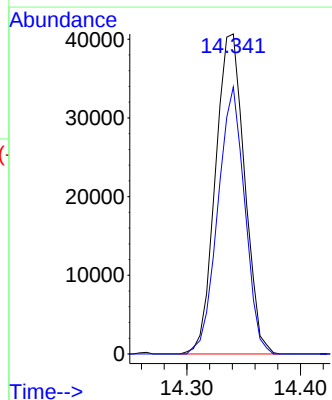
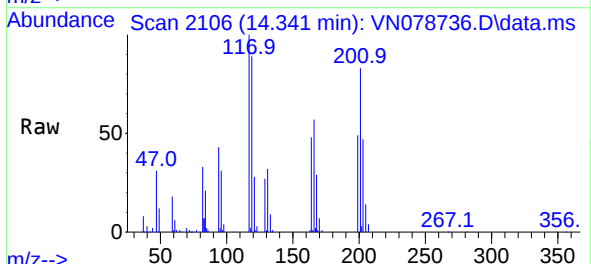
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

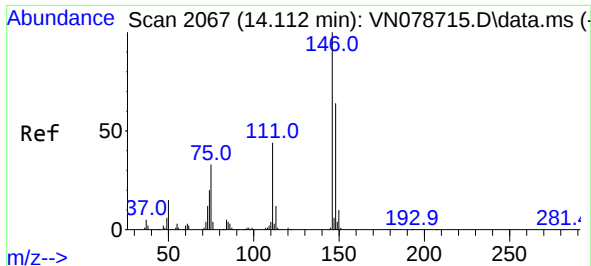
Tgt Ion: 91 Resp: 253749
Ion Ratio Lower Upper
91 100
92 48.8 0.0 99.6
134 24.4 0.0 50.0



#86
Hexachloroethane
Concen: 19.574 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion: 117 Resp: 72614
Ion Ratio Lower Upper
117 100
201 76.9 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 20.046 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBSD01

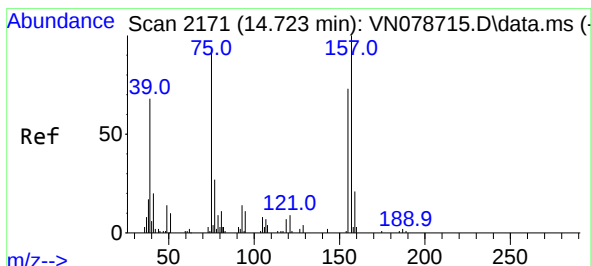
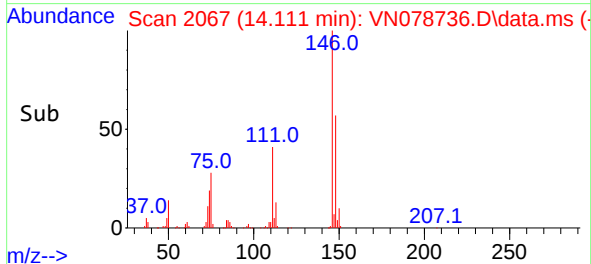
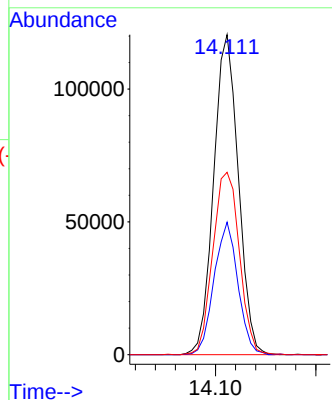
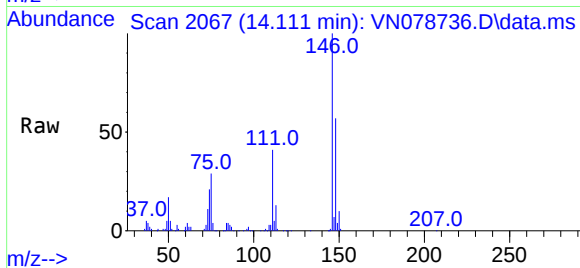
Tgt Ion:146 Resp: 205329

Ion Ratio Lower Upper

146 100

111 40.0 22.4 67.3

148 61.5 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.729 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:26

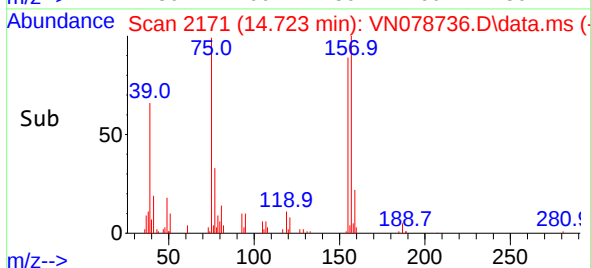
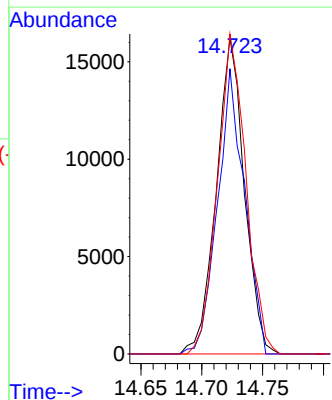
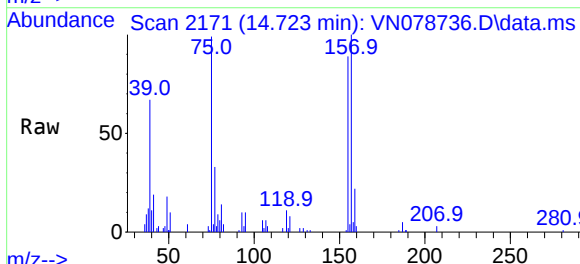
Tgt Ion: 75 Resp: 26016

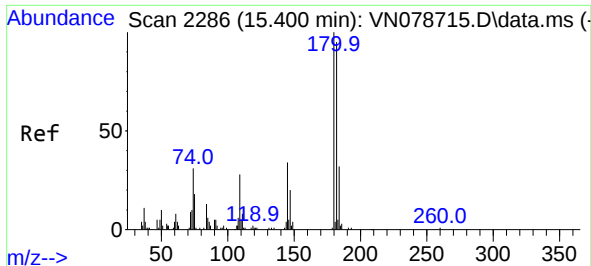
Ion Ratio Lower Upper

75 100

155 87.4 68.2 102.2

157 102.6 84.7 127.1

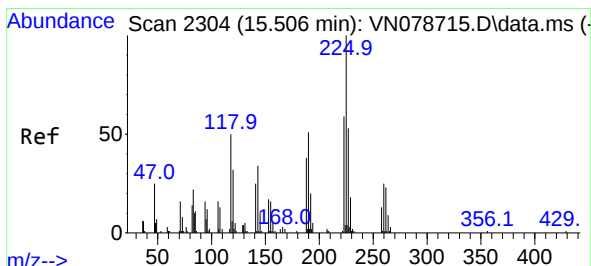
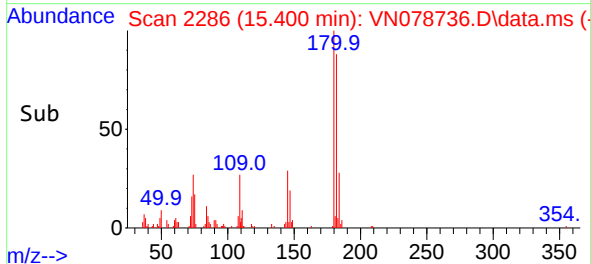
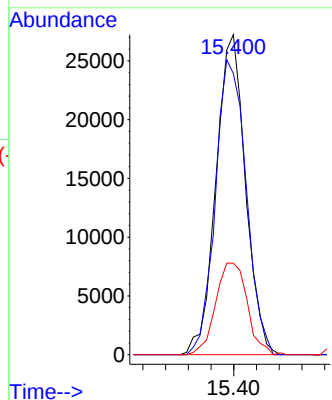
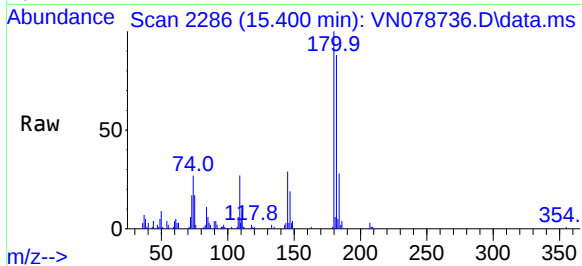




#89
1,2,4-Trichlorobenzene
Concen: 16.783 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

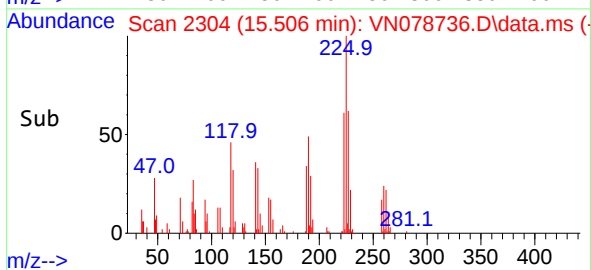
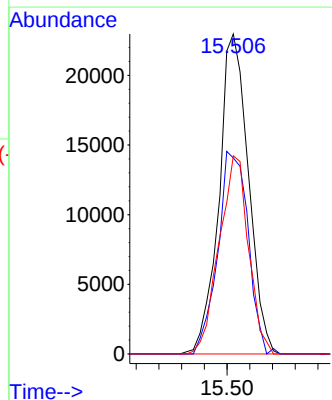
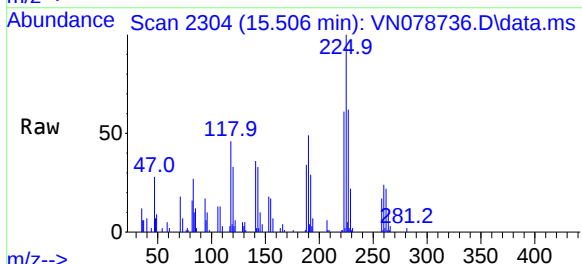
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

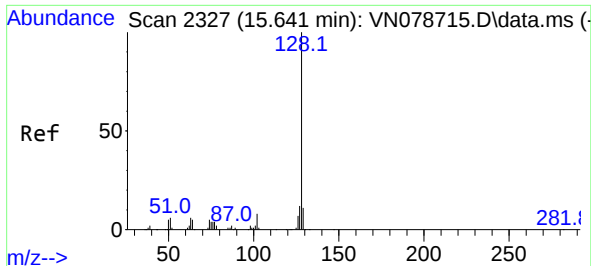
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	73.7	110.5
145	30.6	25.0	37.6



#90
Hexachlorobutadiene
Concen: 18.567 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	0.0	130.0
227	61.7	0.0	124.0

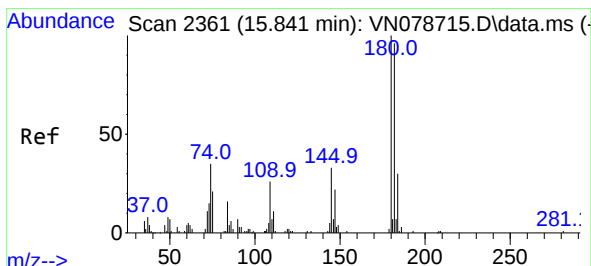
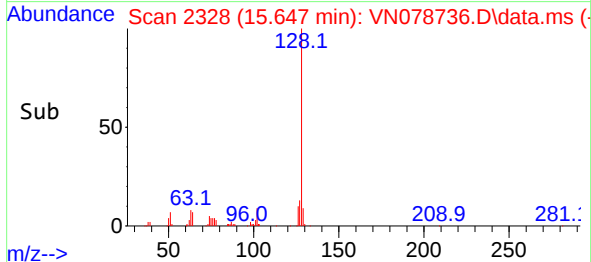
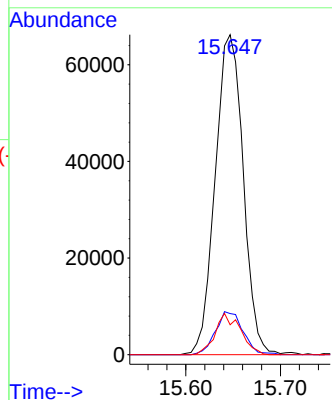
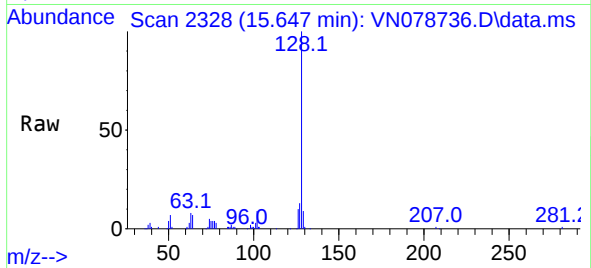




#91
Naphthalene
Concen: 15.383 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

Tgt Ion:128 Resp: 136186
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.7 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 17.620 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:26

Tgt Ion:180 Resp: 58602
Ion Ratio Lower Upper
180 100
182 97.0 0.0 196.4
145 31.5 0.0 71.0

