

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078375.D
 Acq On : 23 Jun 2023 13:54
 Operator : JC\MD
 Sample : VN0623WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

Quant Time: Jun 24 01:18:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	73986	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	427692	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	374958	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	171680	30.814	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.700%	
60) 4-Bromofluorobenzene	12.853	95	158219	29.950	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.833%	
63) Toluene-d8	10.570	98	531691	29.266	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 97.567%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	92468	20.635	ug/l	93
3) Chloromethane	2.371	50	116000	21.465	ug/l	98
4) Vinyl Chloride	2.524	62	142223	21.395	ug/l	99
5) Bromomethane	2.971	94	101601	18.801	ug/l	98
6) Chloroethane	3.130	64	87689	18.519	ug/l	91
7) Trichlorofluoromethane	3.506	101	160000	20.450	ug/l	100
8) Diethyl Ether	3.977	74	55408	21.215	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	87097	20.483	ug/l	97
10) 1,1-Dichloroethene	4.353	96	86989	20.860	ug/l	97
11) Methyl Iodide	4.600	142	121133	20.503	ug/l	99
12) Methyl Acetate	5.041	43	141115	21.812	ug/l	97
13) Acrolein	4.189	56	83003	102.462	ug/l	92
14) Acrylonitrile	5.730	53	189428	108.084	ug/l	99
15) Acetone	4.441	58	50919	101.888	ug/l	98
16) Carbon Disulfide	4.724	76	223553	19.618	ug/l	98
17) Allyl chloride	5.041	41	110003	21.031	ug/l	95
18) Methylene Chloride	5.289	84	103205	20.885	ug/l	96
19) trans-1,2-Dichloroethene	5.794	96	90946	19.761	ug/l	93
20) Diisopropyl ether	6.683	45	265351	21.120	ug/l	97
21) 1,1-Dichloroethane	6.583	63	174279	20.913	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	108611	20.745	ug/l	99
23) tert-Butyl Alcohol	5.530	59	66586	101.707	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	145999	11.103	ug/l #	61
25) Chloroform	7.977	83	184562	20.956	ug/l	98
26) Cyclohexane	8.265	56	124650	20.899	ug/l #	97
29) 1,1-Dichloropropene	8.382	75	133531	20.140	ug/l	98
30) 2-Butanone	7.494	43	237160	102.053	ug/l	99
31) 2,2-Dichloropropane	7.500	77	140804	19.863	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	159952	19.799	ug/l	98
33) Carbon Tetrachloride	8.371	117	142145	20.180	ug/l	93
34) Benzene	8.612	78	401018	20.283	ug/l	98
35) Methacrylonitrile	7.788	41	58102	21.808	ug/l	93
36) 1,2-Dichloroethane	8.677	62	139175	20.647	ug/l #	88
37) Trichloroethene	9.359	130	104823	20.752	ug/l	96
38) Methylcyclohexane	9.612	83	116102	19.932	ug/l	99
39) 1,2-Dichloropropane	9.623	63	101400	20.474	ug/l	95
40) Dibromomethane	9.718	93	73004	20.428	ug/l	97
41) Bromodichloromethane	9.894	83	144558	20.821	ug/l	99
42) Vinyl Acetate	6.618	43	749157	101.197	ug/l	99

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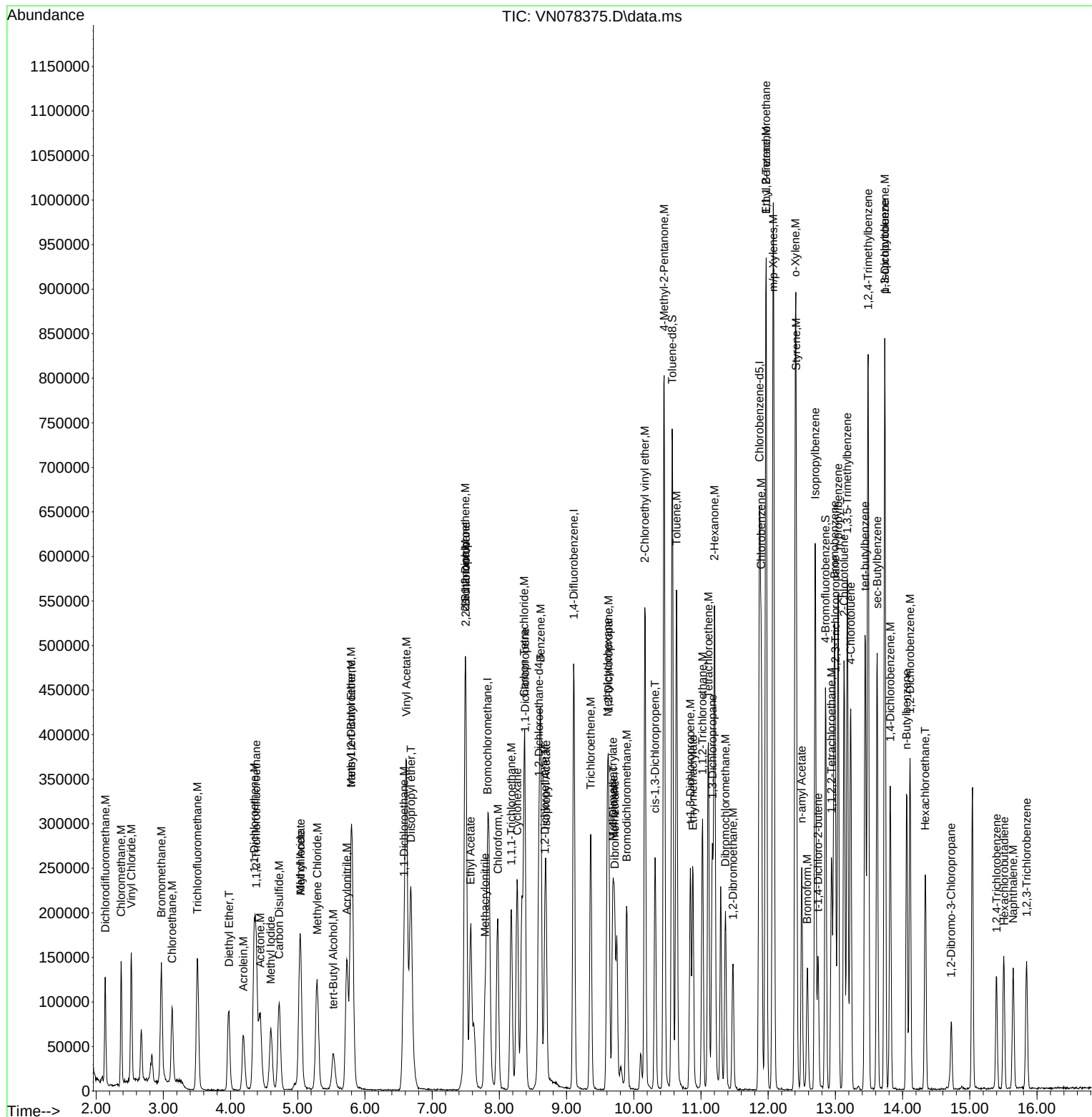
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	105741	21.611	ug/l	98
44) Isopropyl Acetate	8.694	43	180126	20.381	ug/l	100
45) 1,4-Dioxane	9.700	88	30192	387.235	ug/l	93
46) Methyl methacrylate	9.688	41	82544	20.982	ug/l	98
47) n-amyl Acetate	12.500	43	128422	19.768	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	140848	19.762	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	155767	19.829	ug/l	97
50) 1,1,2-Trichloroethane	11.023	97	99651	20.800	ug/l	97
51) Ethyl methacrylate	10.882	69	131950	20.132	ug/l	90
52) 1,3-Dichloropropane	11.170	76	166690	20.731	ug/l	99
53) Dibromochloromethane	11.365	129	104070	20.480	ug/l	100
54) 1,2-Dibromoethane	11.476	107	100071	20.724	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	255519	105.675	ug/l	98
56) Bromoform	12.582	173	61664	19.824	ug/l	97
58) 4-Methyl-2-Pentanone	10.453	43	517285	103.308	ug/l	99
59) 2-Hexanone	11.200	43	349250	100.993	ug/l	98
61) Tetrachloroethene	11.112	164	87829	21.376	ug/l	95
62) Toluene	10.635	91	443372	20.318	ug/l	99
64) Chlorobenzene	11.894	112	261550	20.222	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.970	131	101649	20.381	ug/l	98
66) Ethyl Benzene	11.970	91	448347	20.191	ug/l	99
67) m/p-Xylenes	12.076	106	341926	40.725	ug/l	99
68) o-Xylene	12.406	106	172261	21.158	ug/l	98
69) Styrene	12.417	104	258566	20.058	ug/l	99
70) Isopropylbenzene	12.700	105	407678	20.378	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	134517	20.677	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	149113	27.498	ug/l	60
73) Bromobenzene	12.988	156	92178	19.272	ug/l	95
74) n-propylbenzene	13.041	91	439776	20.216	ug/l	98
75) 2-Chlorotoluene	13.129	91	282007	19.150	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	324937	19.588	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	33632	19.188	ug/l	91
78) 4-Chlorotoluene	13.229	91	267668	19.424	ug/l	98
79) tert-butylbenzene	13.441	119	270994	19.859	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	319335	20.372	ug/l	99
81) sec-Butylbenzene	13.623	105	345640	20.303	ug/l	99
82) p-Isopropyltoluene	13.735	119	273568	19.978	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	156767	20.679	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	142326	19.418	ug/l	98
85) n-Butylbenzene	14.059	91	195221	19.301	ug/l	99
86) Hexachloroethane	14.335	117	50855	19.296	ug/l	95
87) 1,2-Dichlorobenzene	14.111	146	152975	20.357	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	17833	18.192	ug/l	97
89) 1,2,4-Trichlorobenzene	15.400	180	40144	17.520	ug/l	97
90) Hexachlorobutadiene	15.511	225	27808	17.851	ug/l	96
91) Naphthalene	15.647	128	125365	16.698	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	49002	18.486	ug/l	96

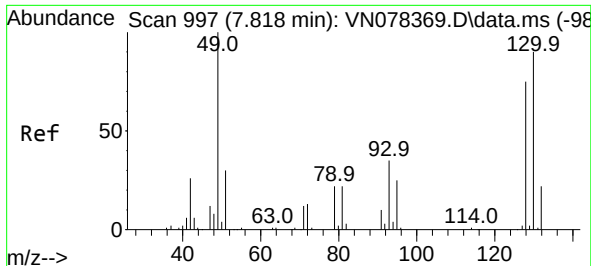
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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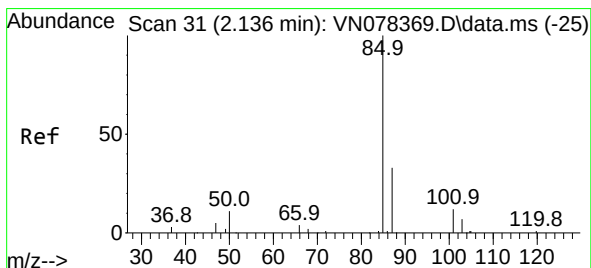
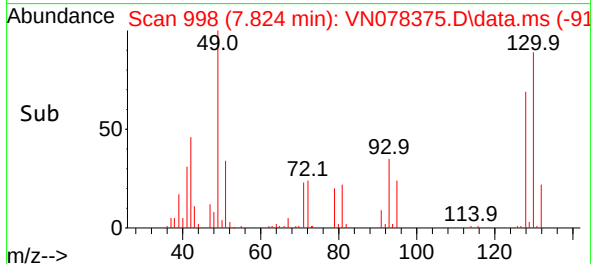
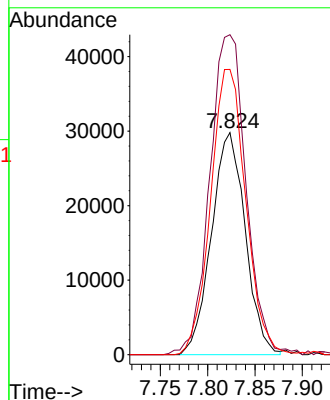
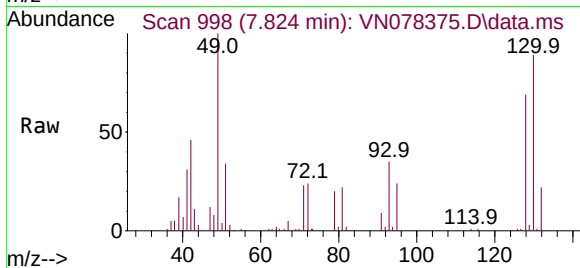




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078375.D
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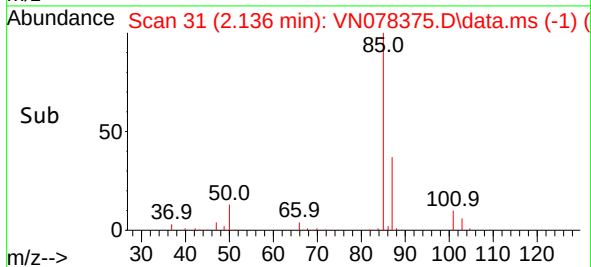
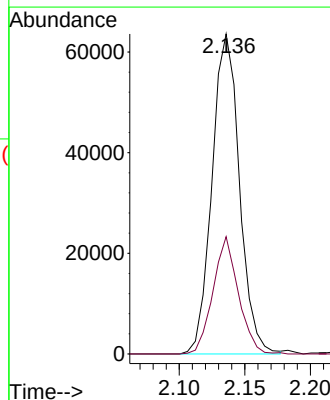
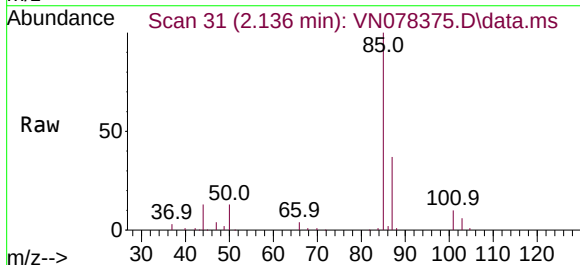
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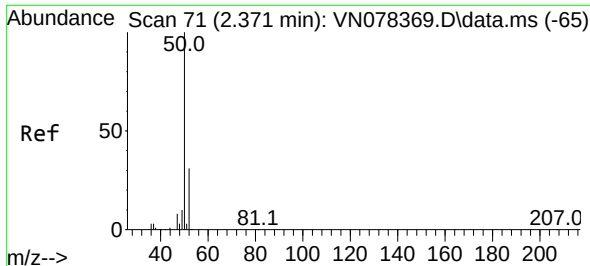
Tgt Ion:128 Resp: 73986
Ion Ratio Lower Upper
128 100
49 154.0 0.0 370.8
130 133.8 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 20.635 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 85 Resp: 92468
Ion Ratio Lower Upper
85 100
87 36.7 16.4 49.4

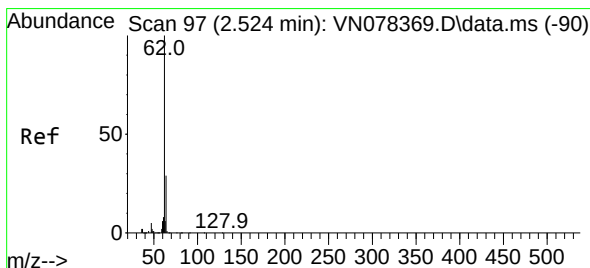
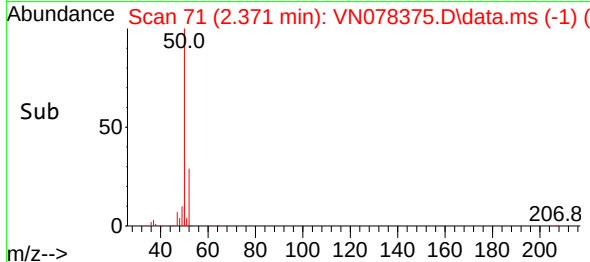
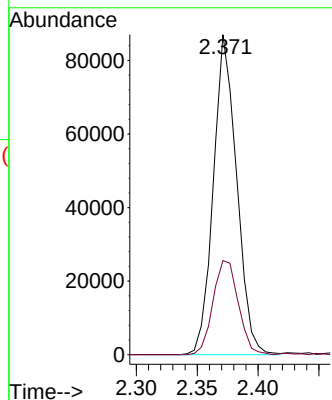
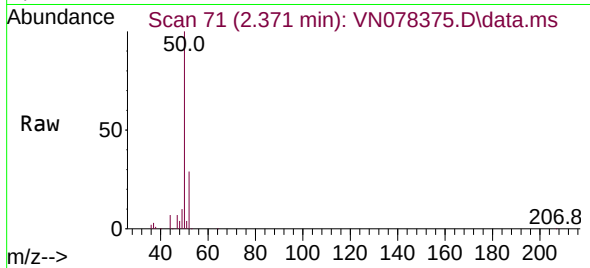




#3
Chloromethane
Concen: 21.465 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

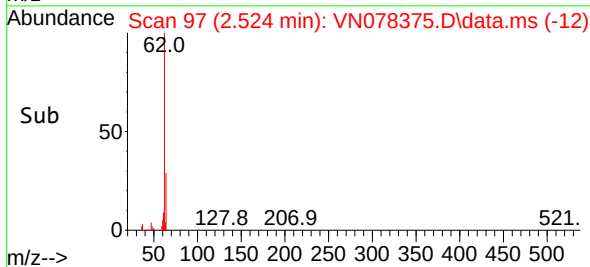
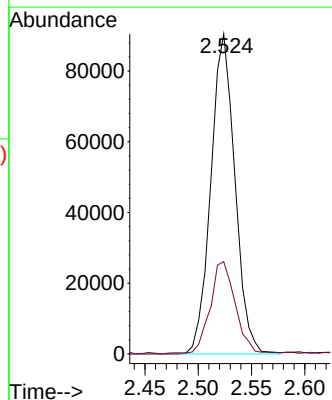
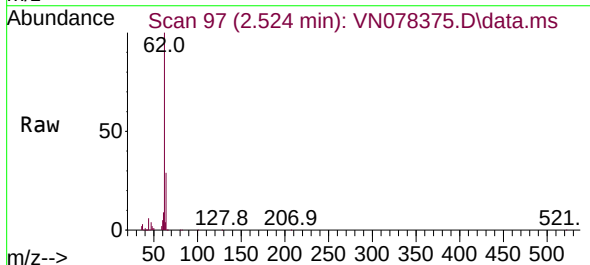
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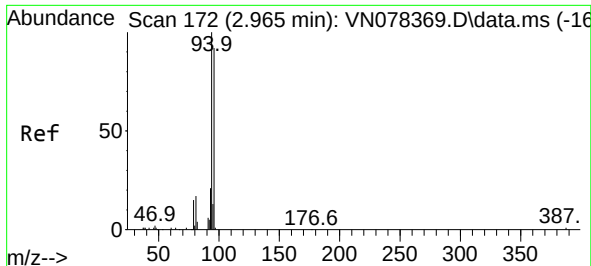
Tgt Ion: 50 Resp: 116000
Ion Ratio Lower Upper
50 100
52 29.4 24.6 36.8



#4
Vinyl Chloride
Concen: 21.395 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 62 Resp: 142223
Ion Ratio Lower Upper
62 100
64 28.5 23.3 34.9

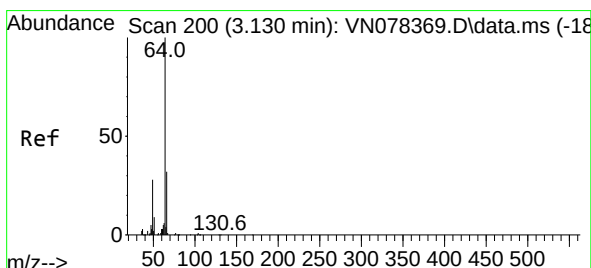
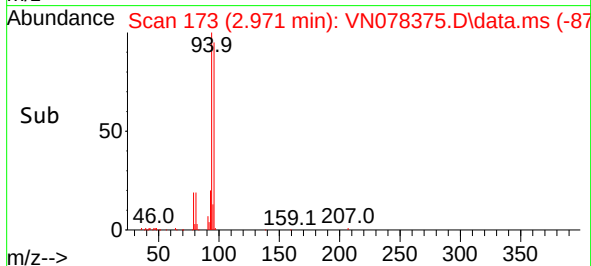
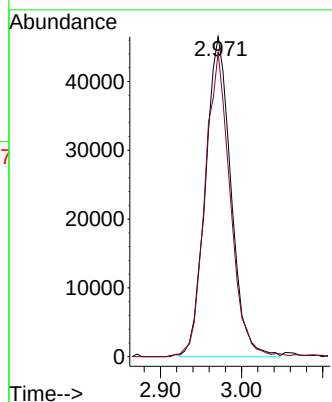
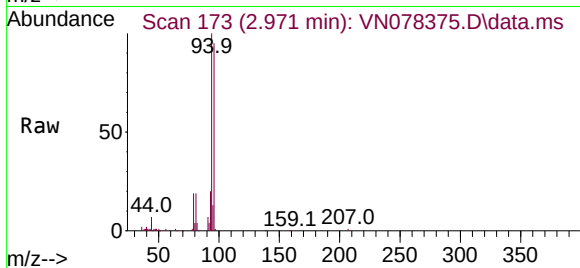




#5
Bromomethane
Concen: 18.801 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078375.D
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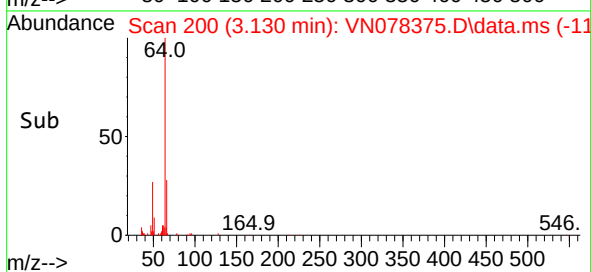
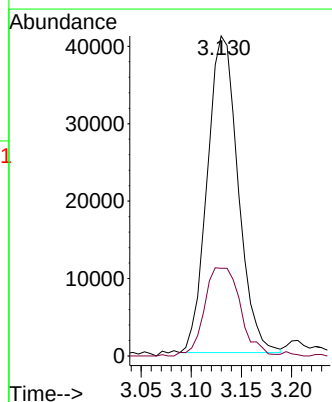
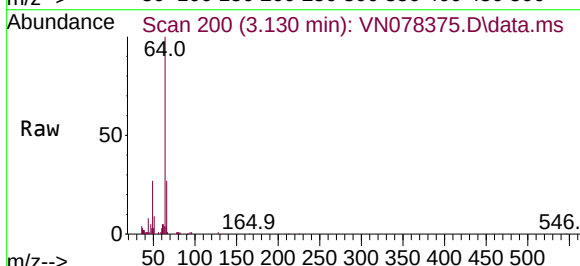
Instrument :
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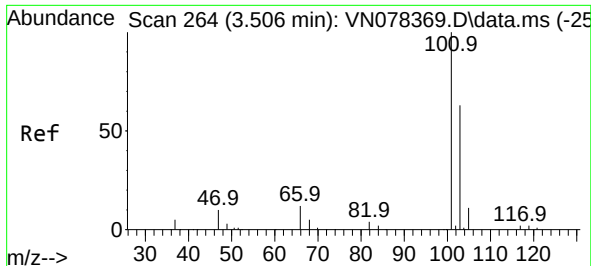
Tgt Ion: 94 Resp: 101601
Ion Ratio Lower Upper
94 100
96 94.6 73.9 110.9



#6
Chloroethane
Concen: 18.519 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 64 Resp: 87689
Ion Ratio Lower Upper
64 100
66 27.2 25.7 38.5

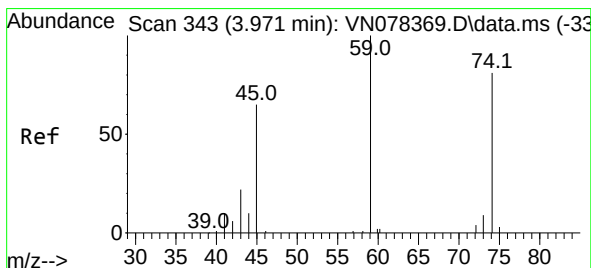
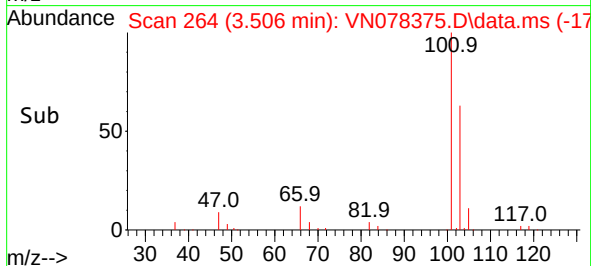
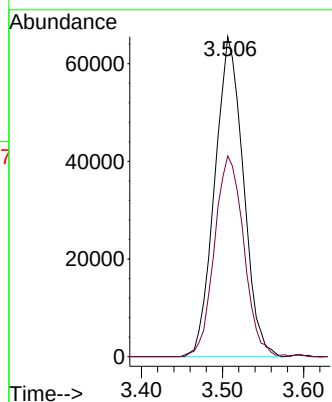
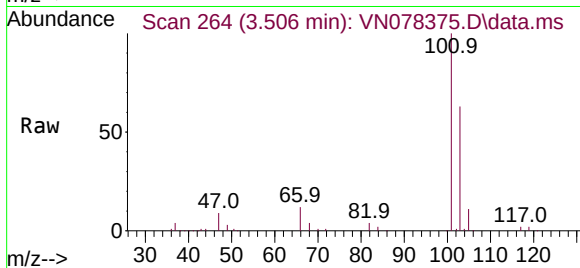




#7
 Trichlorofluoromethane
 Concen: 20.450 ug/l
 RT: 3.506 min Scan# 2
 Delta R.T. -0.000 min
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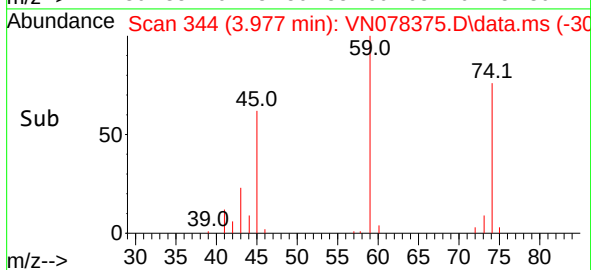
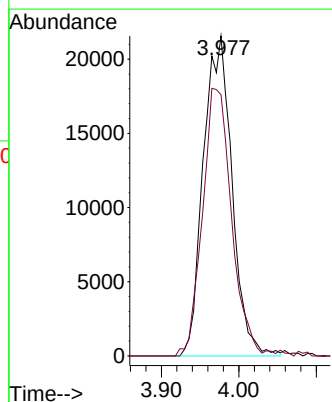
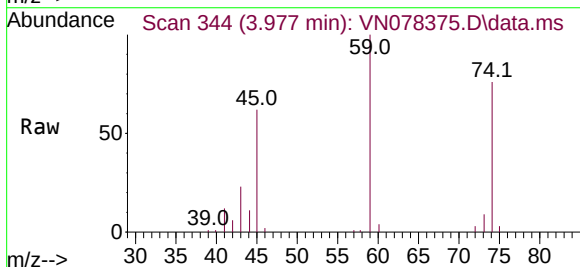
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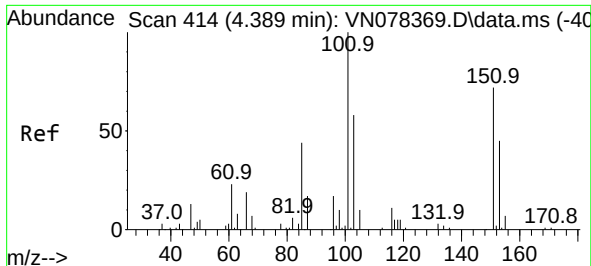
Tgt Ion:101 Resp: 160000
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.4 75.6



#8
 Diethyl Ether
 Concen: 21.215 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
 Lab File: VN078375.D
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Tgt Ion: 74 Resp: 55408
 Ion Ratio Lower Upper
 74 100
 45 84.4 16.3 146.5

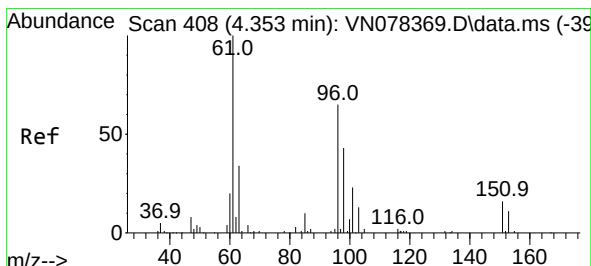
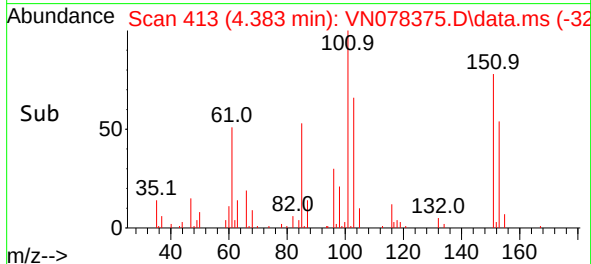
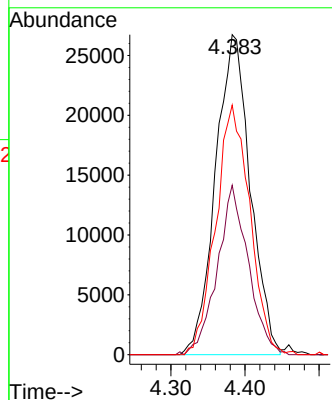
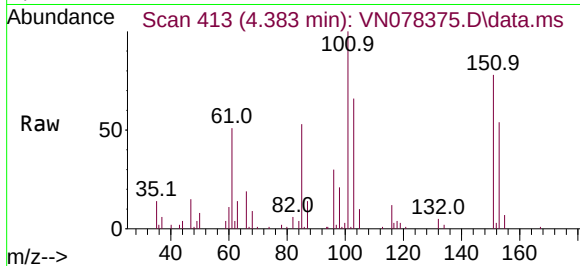




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.483 ug/l
RT: 4.383 min Scan# 414
Delta R.T. -0.006 min
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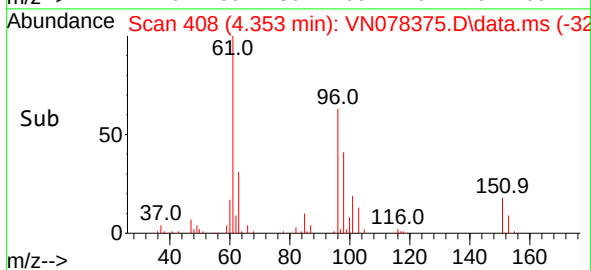
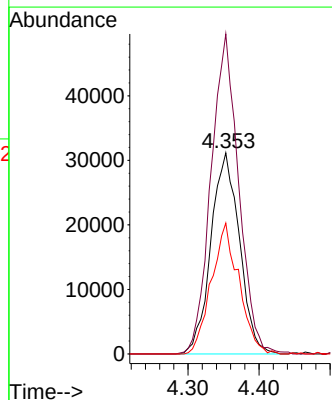
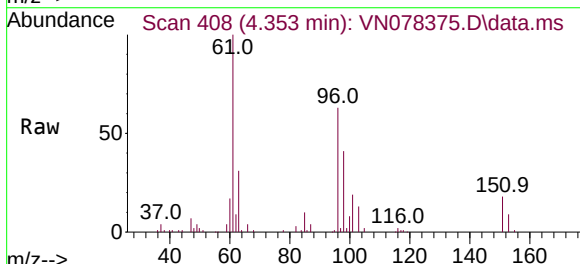
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VN0623WBSD01

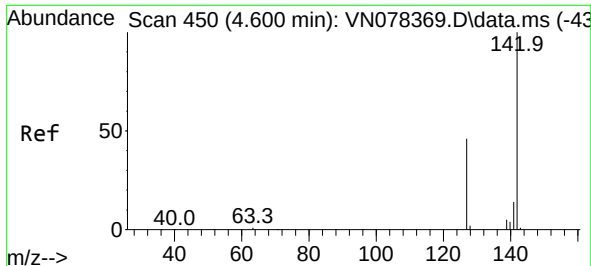
Tgt Ion:101 Resp: 87097
Ion Ratio Lower Upper
101 100
85 47.2 0.0 89.2
151 76.5 0.0 148.8



#10
1,1-Dichloroethene
Concen: 20.860 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 96 Resp: 86989
Ion Ratio Lower Upper
96 100
61 158.6 123.4 185.2
98 65.1 53.7 80.5

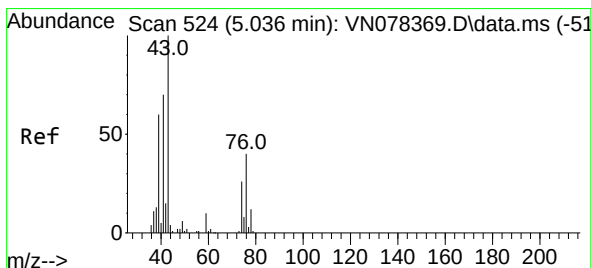
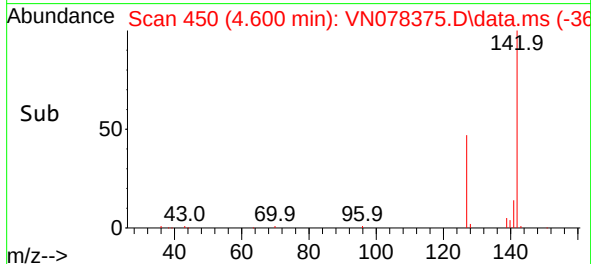
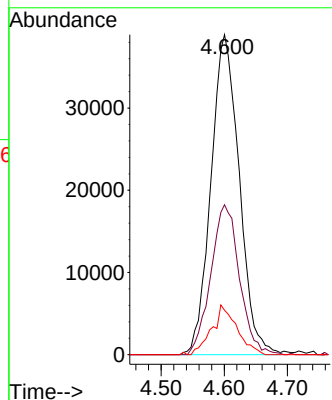
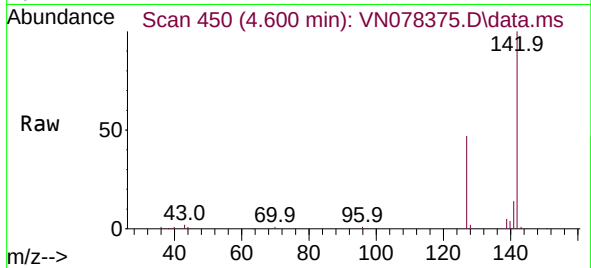




#11
Methyl Iodide
Concen: 20.503 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

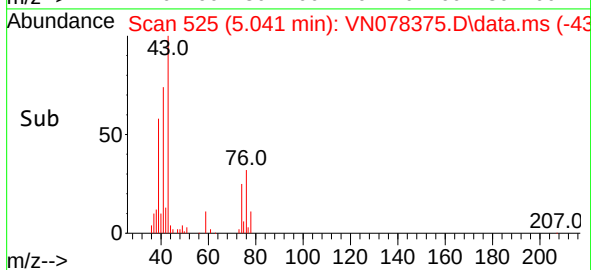
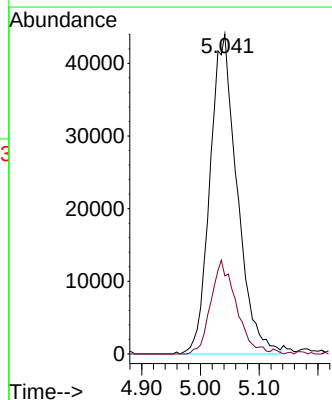
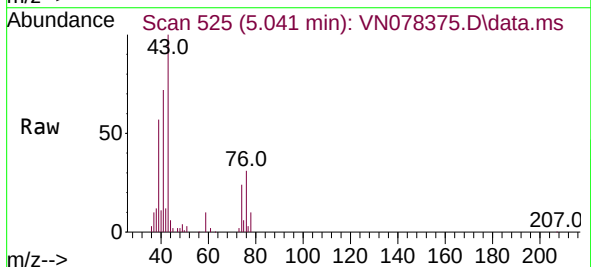
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

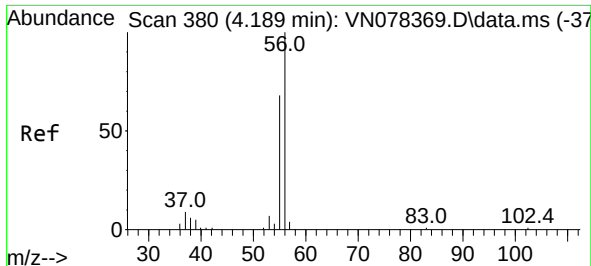
Tgt Ion:142 Resp: 121133
Ion Ratio Lower Upper
142 100
127 46.8 23.2 69.5
141 13.9 7.2 21.7



#12
Methyl Acetate
Concen: 21.812 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 43 Resp: 141115
Ion Ratio Lower Upper
43 100
74 24.3 20.5 30.7

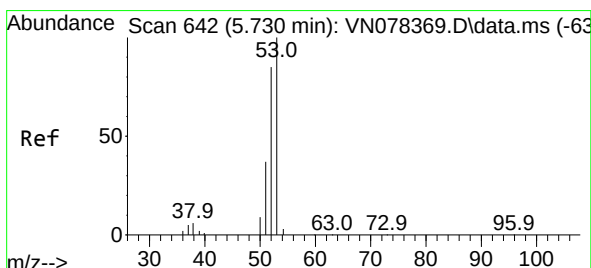
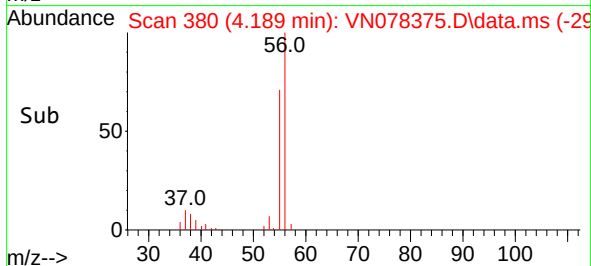
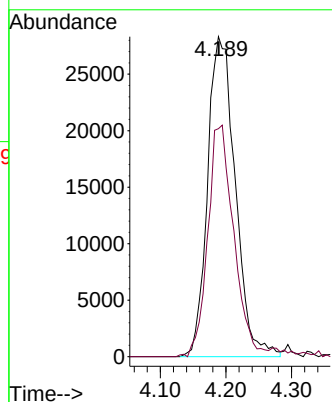
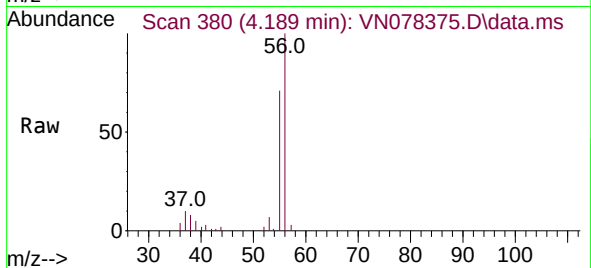




#13
Acrolein
Concen: 102.462 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

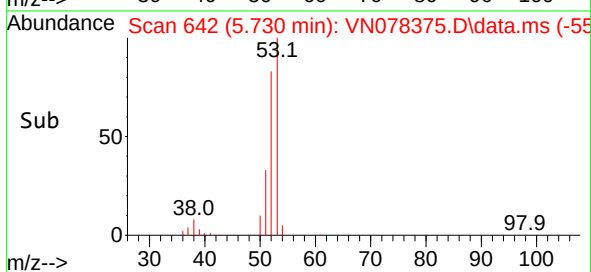
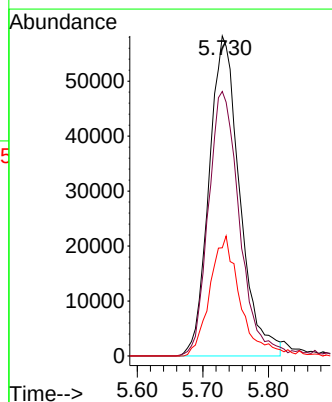
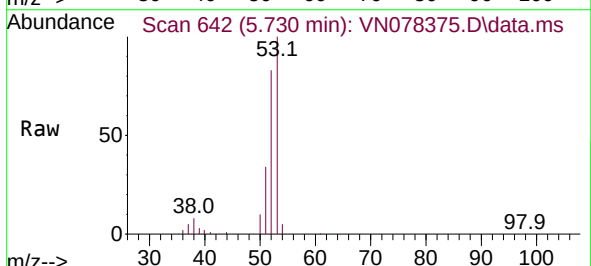
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

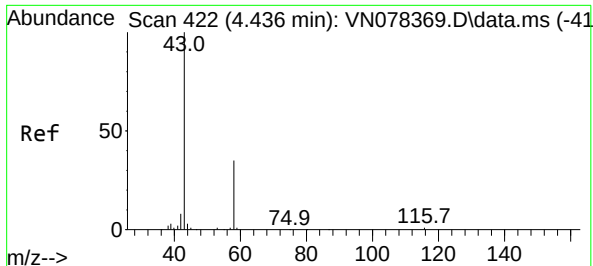
Tgt Ion: 56 Resp: 83003
Ion Ratio Lower Upper
56 100
55 67.0 59.0 88.4



#14
Acrylonitrile
Concen: 108.084 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 53 Resp: 189428
Ion Ratio Lower Upper
53 100
52 83.5 42.3 126.9
51 36.7 18.4 55.4





#15

Acetone

Concen: 101.888 ug/l

RT: 4.441 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

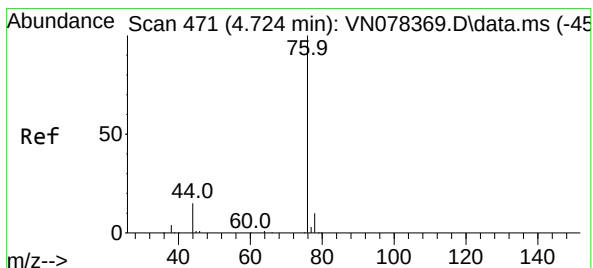
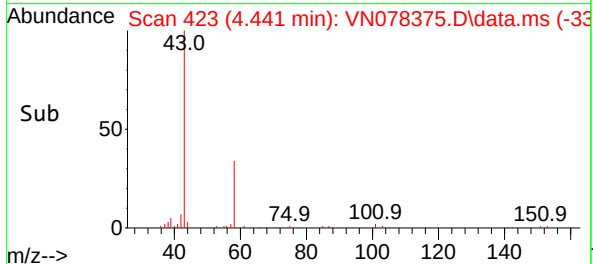
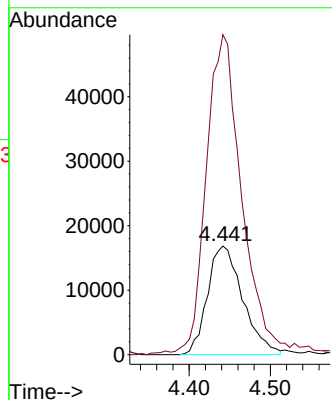
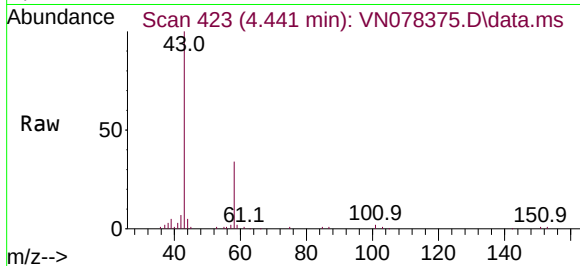
VN0623WBSD01

Tgt Ion: 58 Resp: 50919

Ion Ratio Lower Upper

58 100

43 288.6 227.5 341.3



#16

Carbon Disulfide

Concen: 19.618 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.000 min

Lab File: VN078375.D

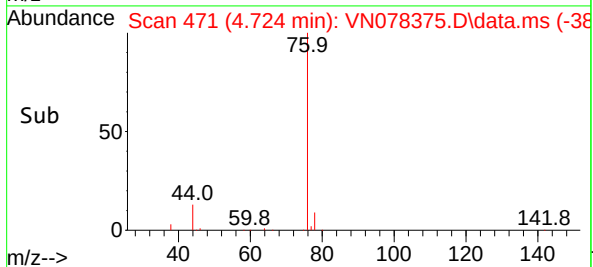
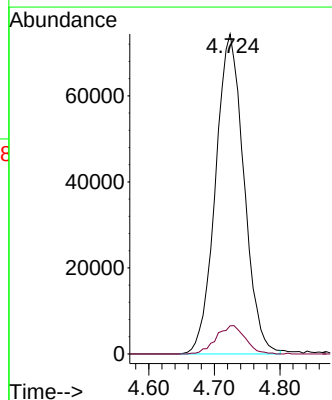
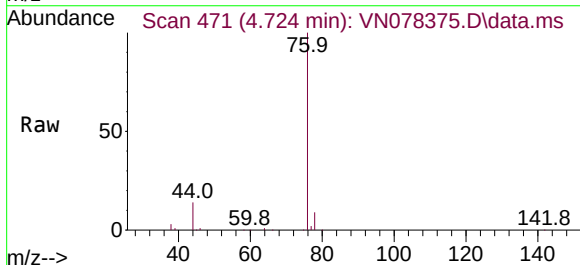
Acq: 23 Jun 2023 13:54

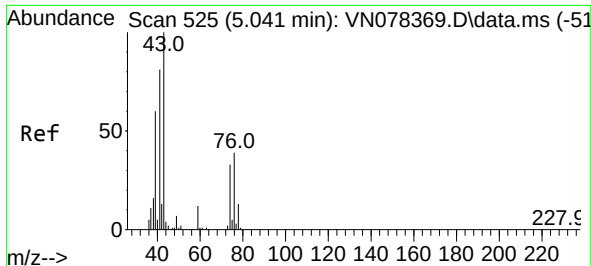
Tgt Ion: 76 Resp: 223553

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5





#17

Allyl chloride

Concen: 21.031 ug/l

RT: 5.041 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

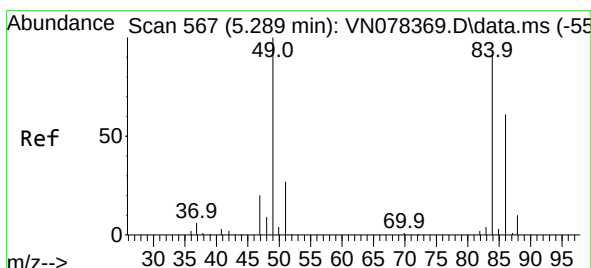
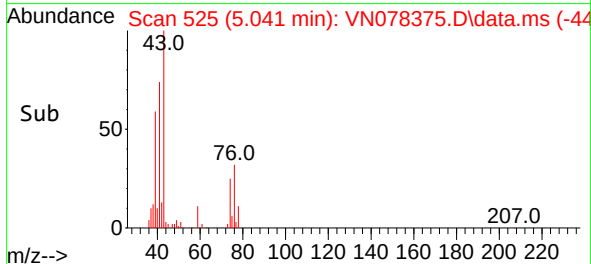
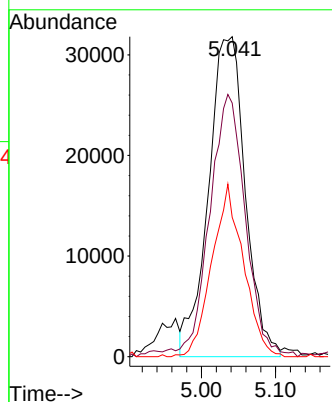
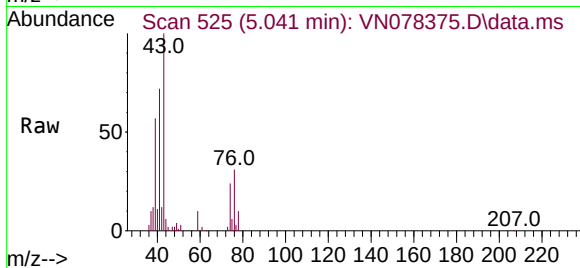
Tgt Ion: 41 Resp: 110003

Ion Ratio Lower Upper

41 100

39 79.3 37.6 112.8

76 43.9 23.8 71.4



#18

Methylene Chloride

Concen: 20.885 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Tgt Ion: 84 Resp: 103205

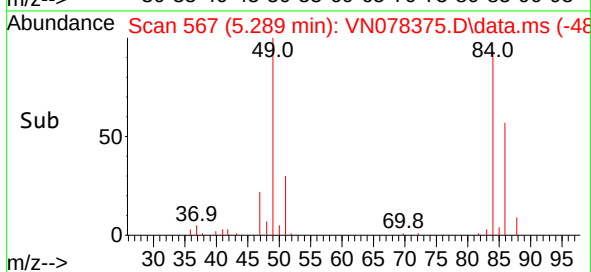
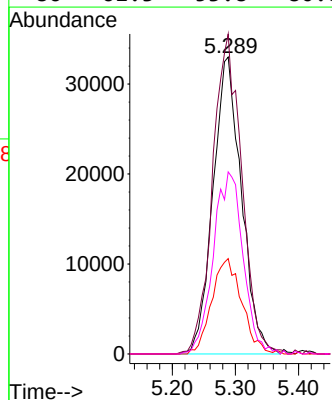
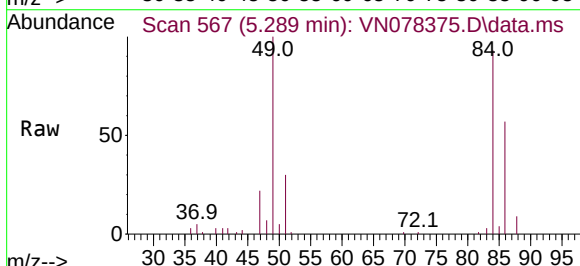
Ion Ratio Lower Upper

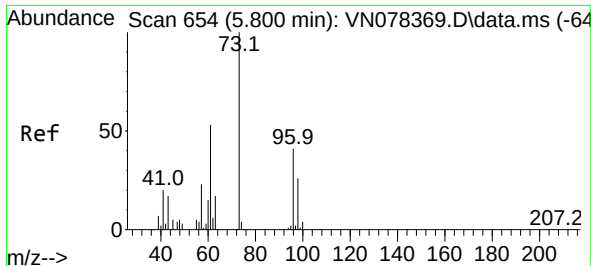
84 100

49 107.3 88.1 132.1

51 32.1 24.0 36.0

86 61.3 53.8 80.8

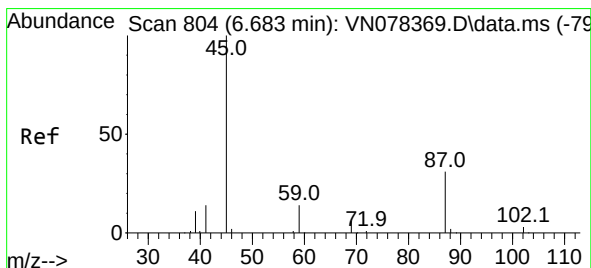
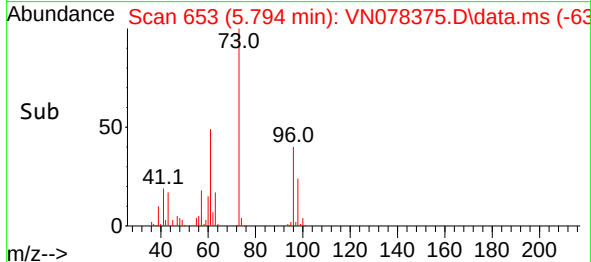
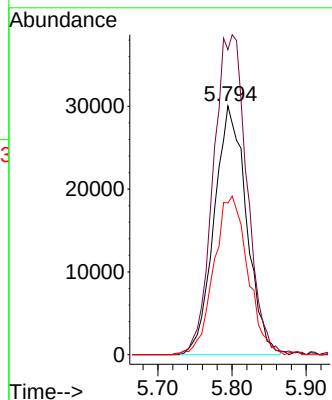
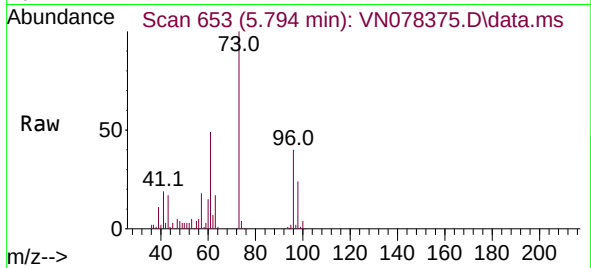




#19
trans-1,2-Dichloroethene
Concen: 19.761 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

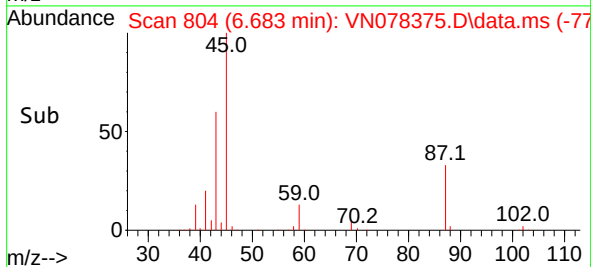
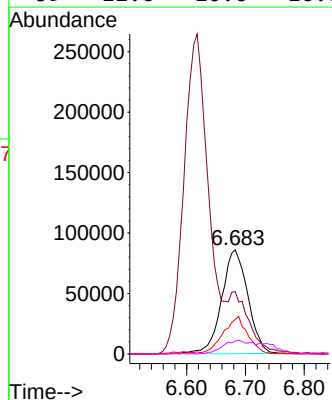
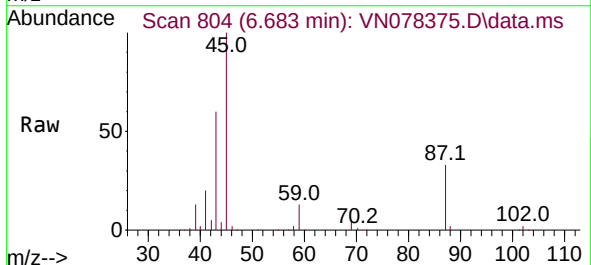
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

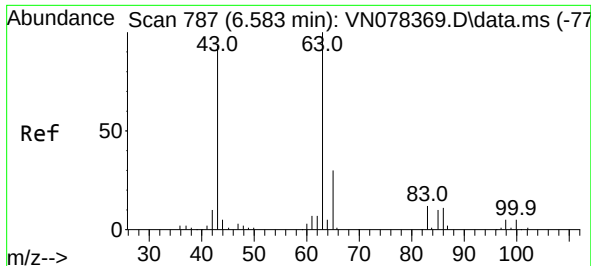
Tgt Ion: 96 Resp: 90946
Ion Ratio Lower Upper
96 100
61 121.9 105.2 157.8
98 60.3 50.5 75.7



#20
Diisopropyl ether
Concen: 21.120 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 45 Resp: 265351
Ion Ratio Lower Upper
45 100
43 57.4 43.6 65.4
87 33.3 25.8 38.6
59 12.6 10.6 16.0





#21

1,1-Dichloroethane

Concen: 20.913 ug/l

RT: 6.583 min Scan# 787

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

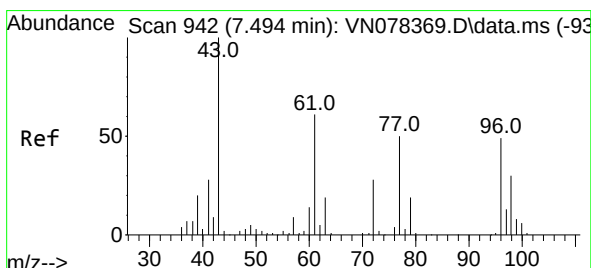
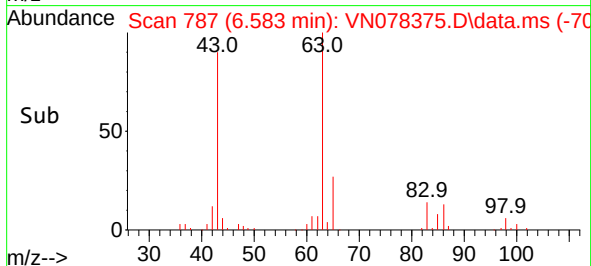
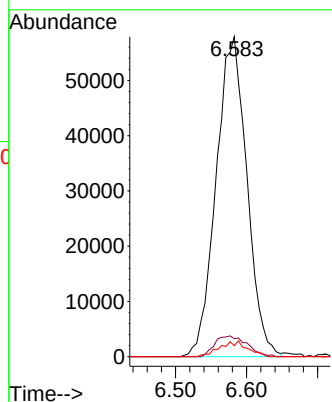
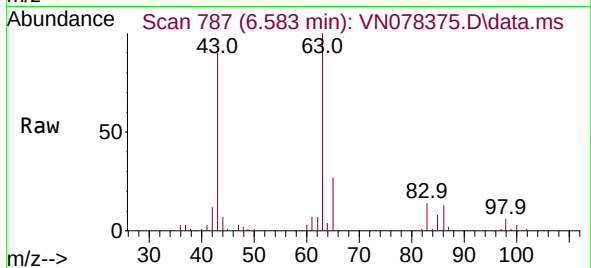
Tgt Ion: 63 Resp: 174279

Ion Ratio Lower Upper

63 100

98 5.6 2.7 8.1

100 3.4 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 20.745 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

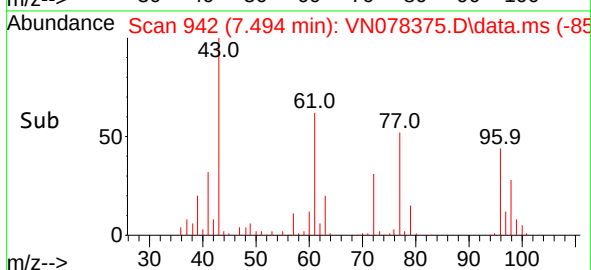
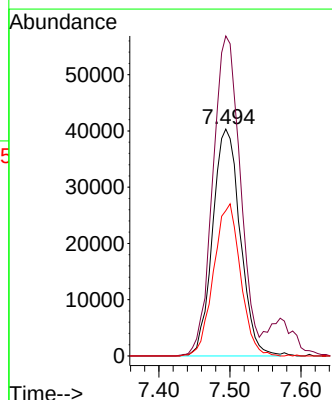
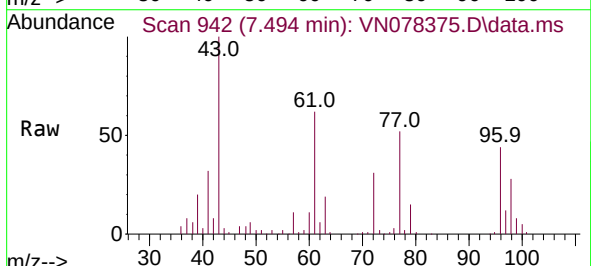
Tgt Ion: 96 Resp: 108611

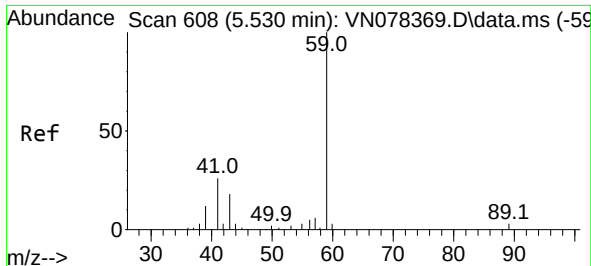
Ion Ratio Lower Upper

96 100

61 140.6 113.8 170.6

98 65.4 52.2 78.4

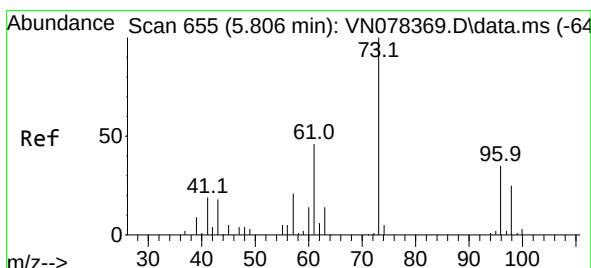
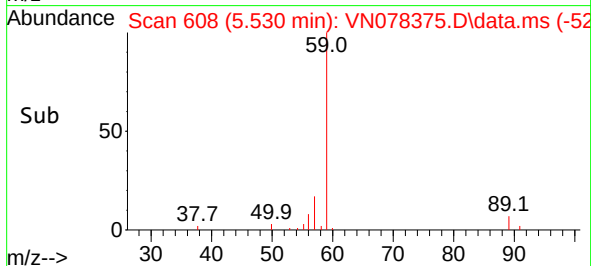
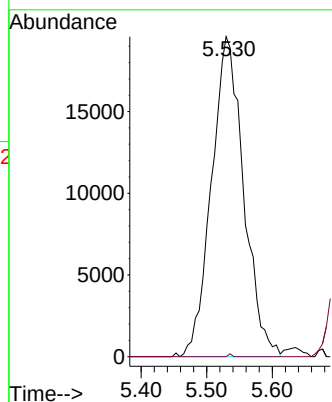
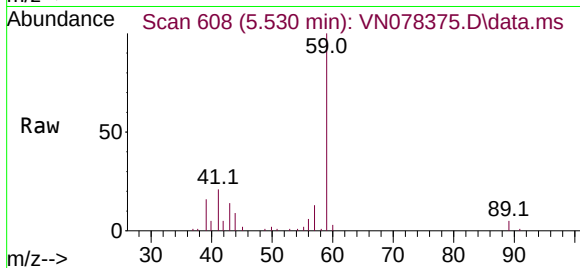




#23
tert-Butyl Alcohol
Concen: 101.707 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

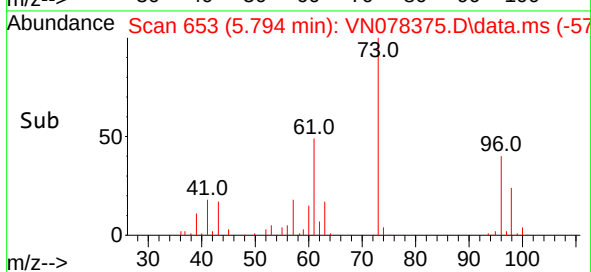
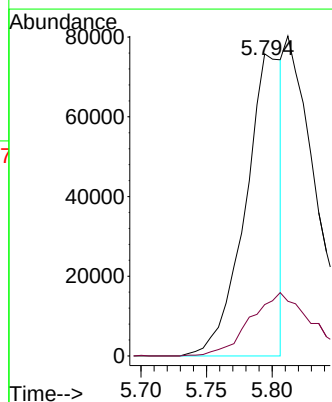
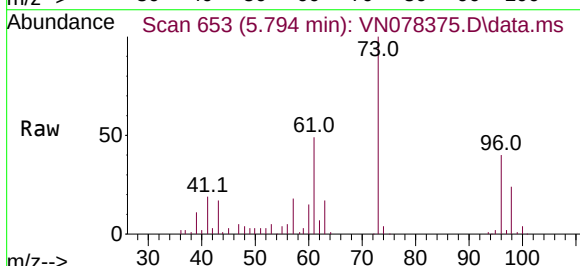
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

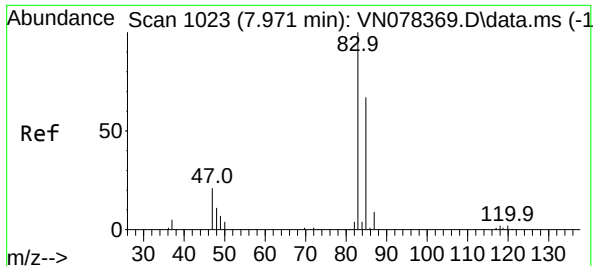
Tgt Ion: 59 Resp: 66586
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 11.103 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.012 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 73 Resp: 145999
Ion Ratio Lower Upper
73 100
43 35.3 14.5 21.7#





#25

Chloroform

Concen: 20.956 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

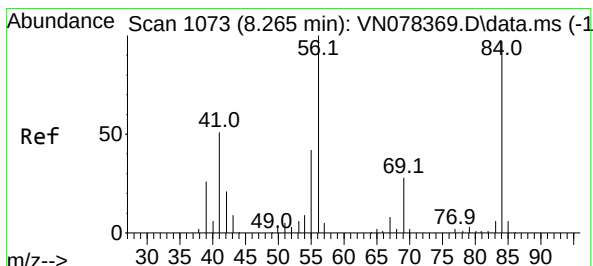
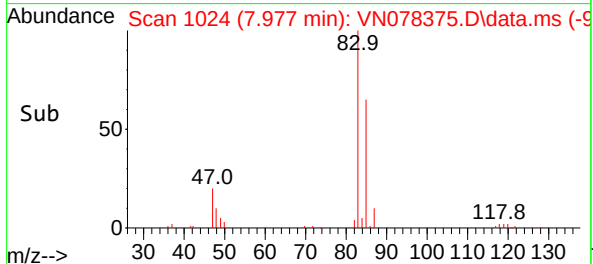
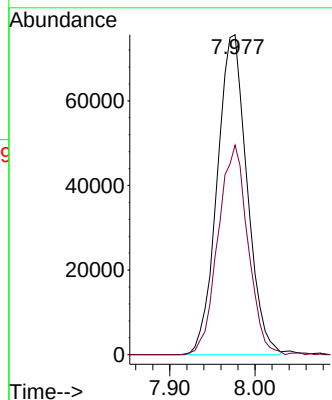
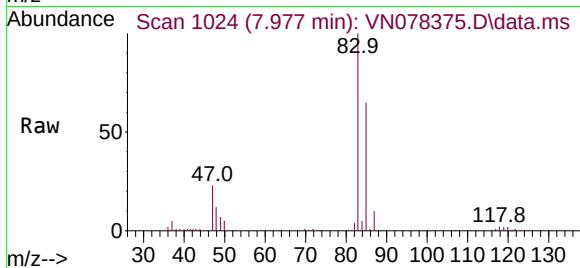
VN0623WBSD01

Tgt Ion: 83 Resp: 184562

Ion Ratio Lower Upper

83 100

85 65.5 53.4 80.0



#26

Cyclohexane

Concen: 20.899 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

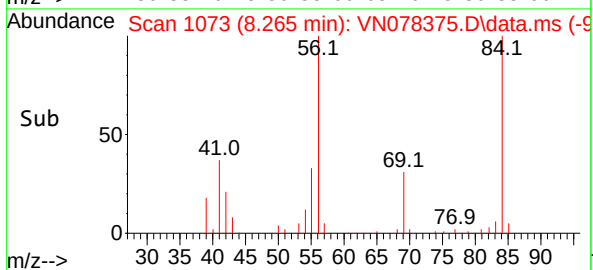
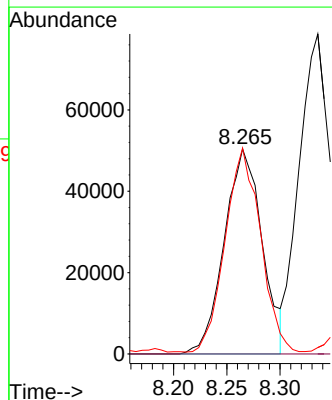
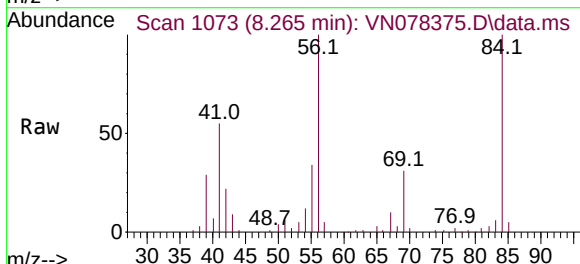
Tgt Ion: 56 Resp: 124650

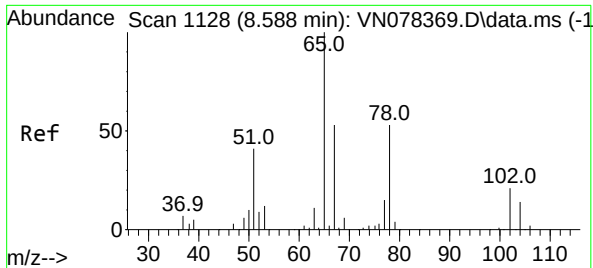
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 95.3 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 30.814 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

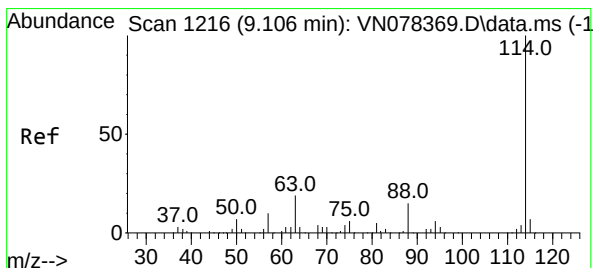
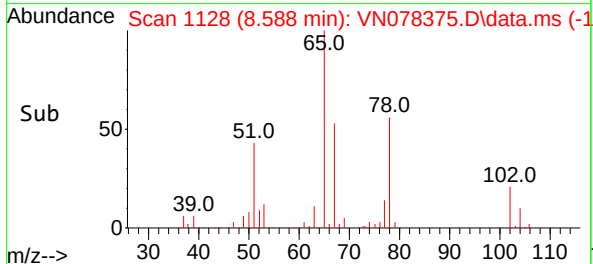
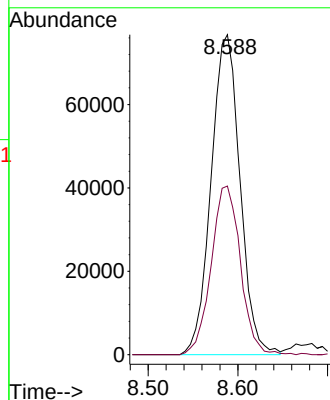
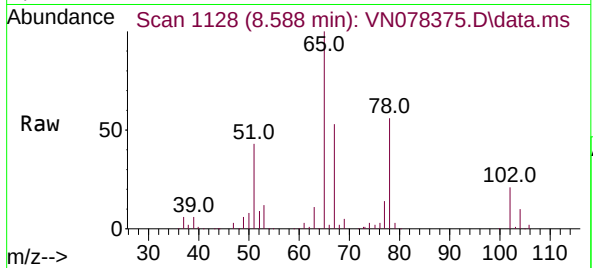
VN0623WBSD01

Tgt Ion: 65 Resp: 171680

Ion Ratio Lower Upper

65 100

67 53.0 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

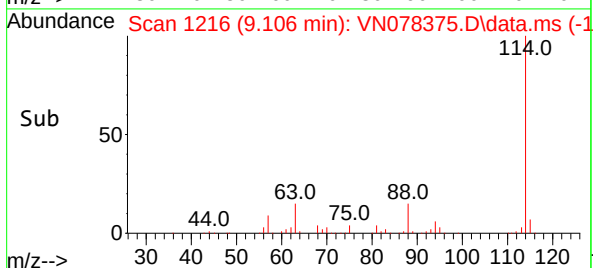
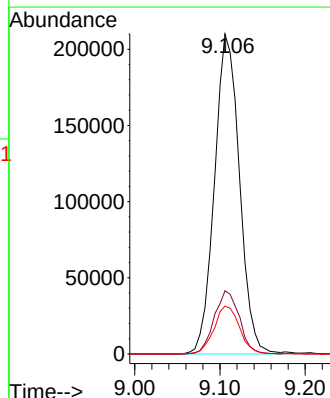
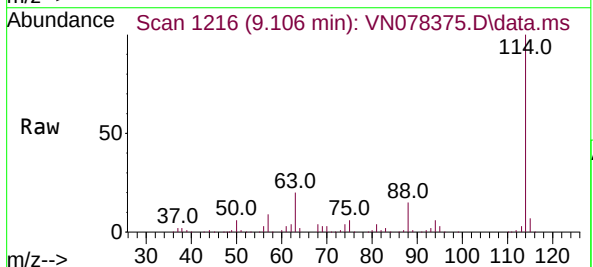
Tgt Ion: 114 Resp: 427692

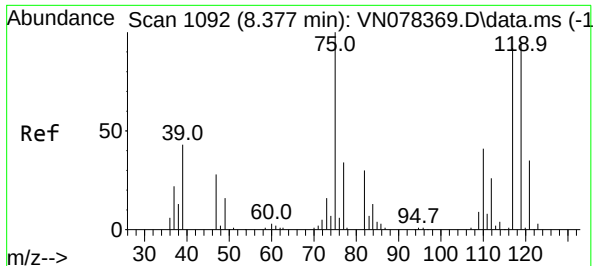
Ion Ratio Lower Upper

114 100

63 19.8 15.2 22.8

88 15.3 12.5 18.7



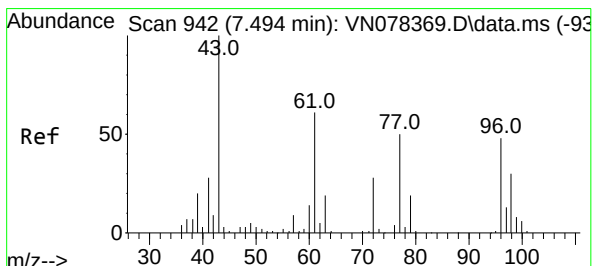
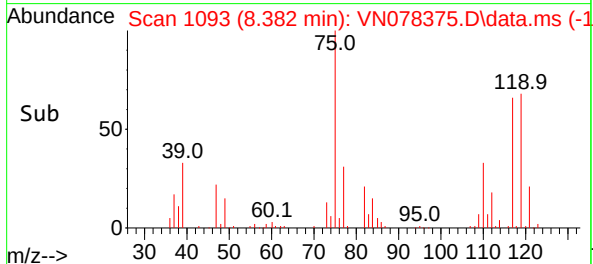
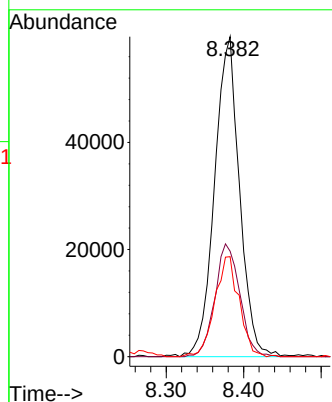
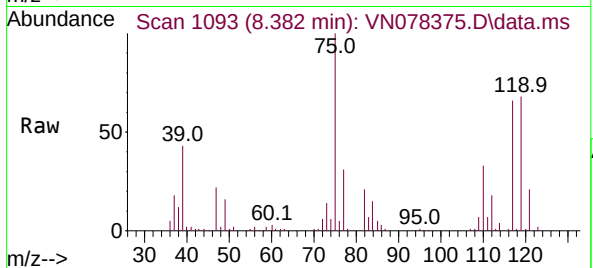


#29
1,1-Dichloropropene
Concen: 20.140 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

Tgt Ion: 75 Resp: 133531

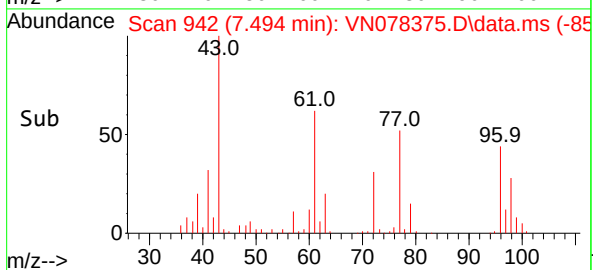
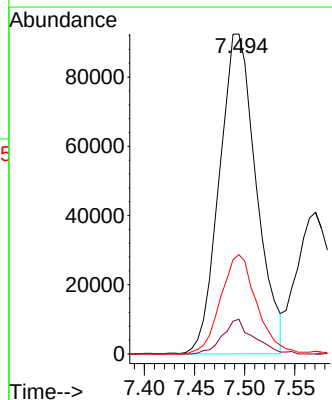
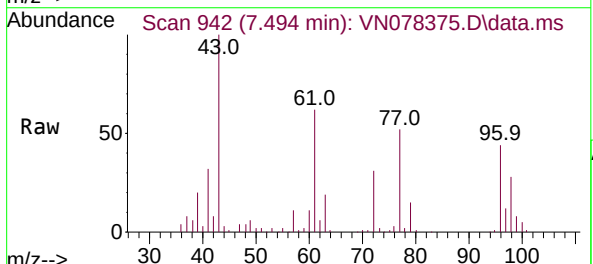
Ion	Ratio	Lower	Upper
75	100		
110	35.2	0.0	72.2
77	30.2	0.0	62.8

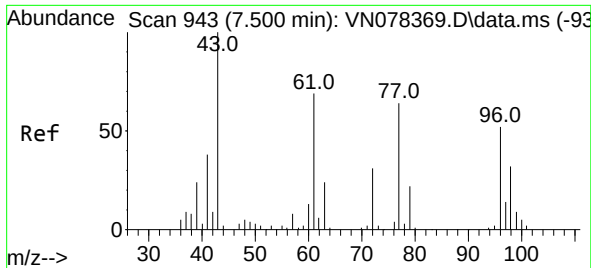


#30
2-Butanone
Concen: 102.053 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 43 Resp: 237160

Ion	Ratio	Lower	Upper
43	100		
57	8.9	6.8	10.2
72	30.1	23.8	35.6

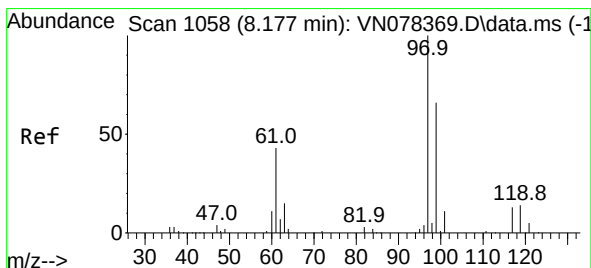
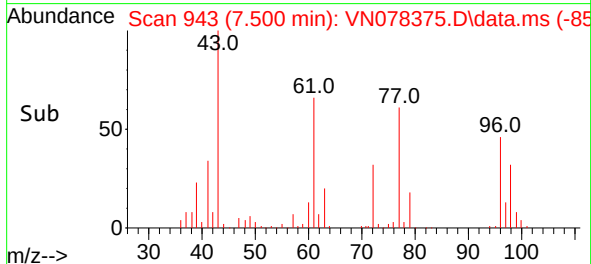
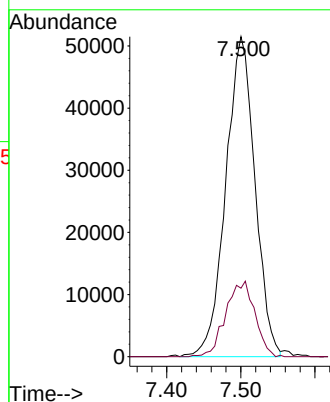
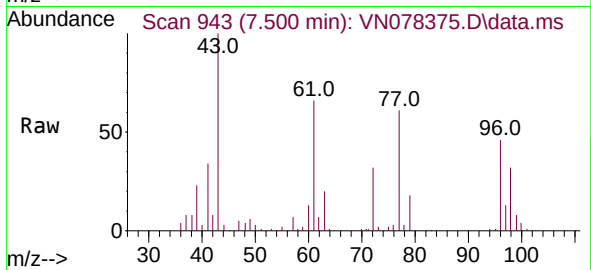




#31
2,2-Dichloropropane
Concen: 19.863 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

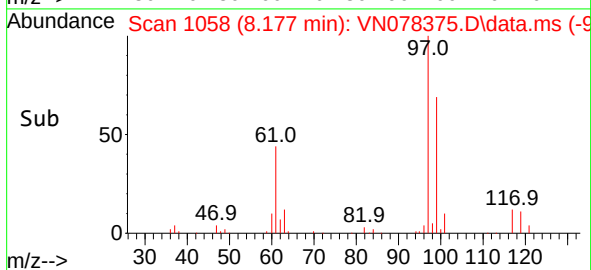
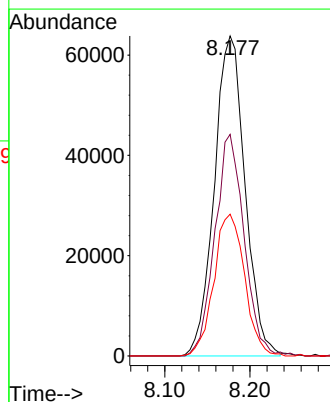
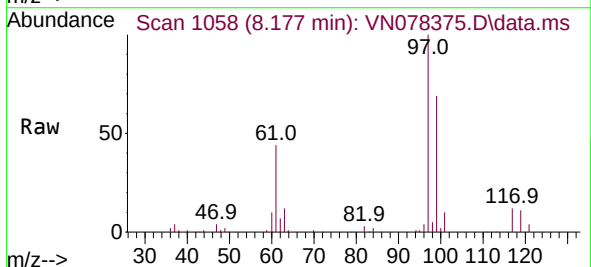
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

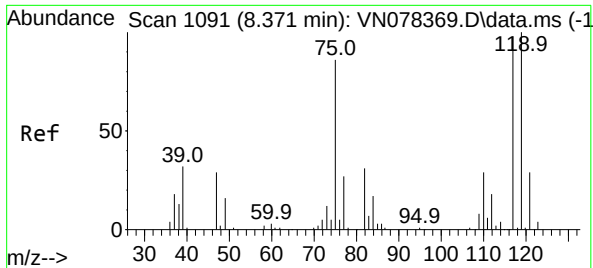
Tgt Ion: 77 Resp: 140804
Ion Ratio Lower Upper
77 100
97 23.4 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 19.799 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 97 Resp: 159952
Ion Ratio Lower Upper
97 100
99 66.0 51.3 76.9
61 44.3 34.6 52.0

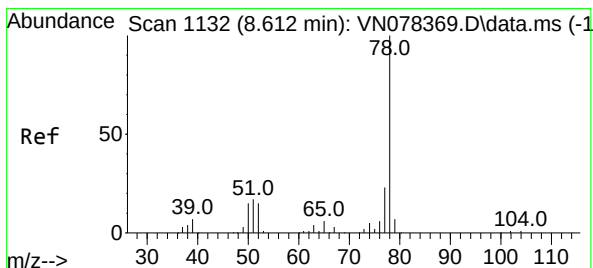
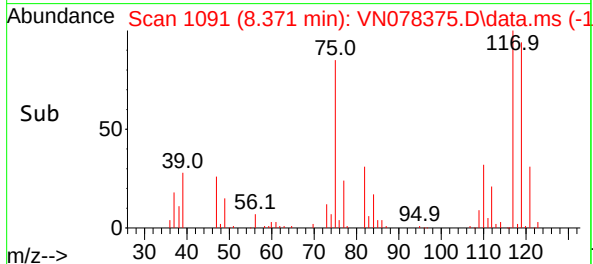
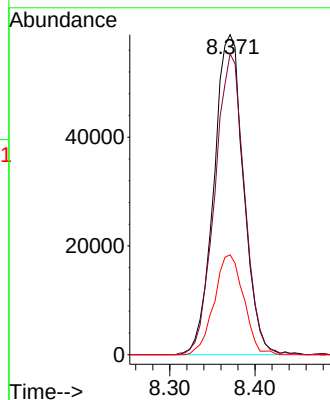
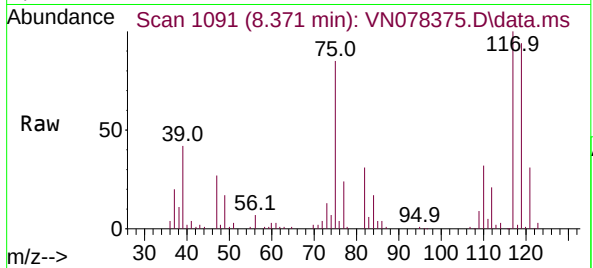




#33
Carbon Tetrachloride
Concen: 20.180 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

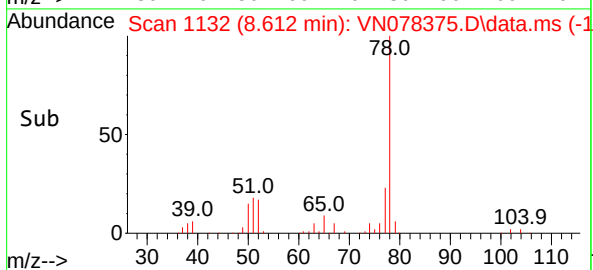
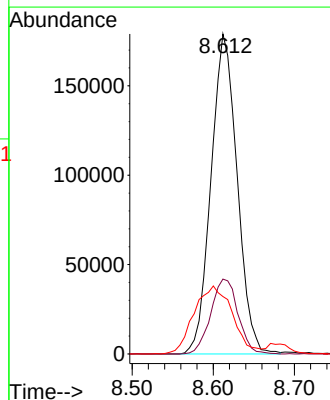
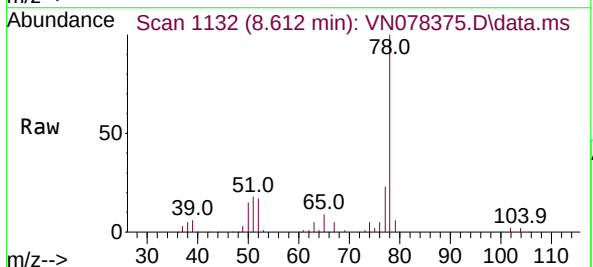
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

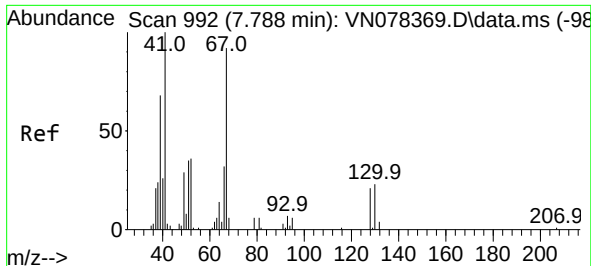
Tgt Ion:117 Resp: 142145
Ion Ratio Lower Upper
117 100
119 93.5 81.4 122.0
121 31.2 23.6 35.4



#34
Benzene
Concen: 20.283 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 78 Resp: 401018
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5
51 15.2 13.7 20.5

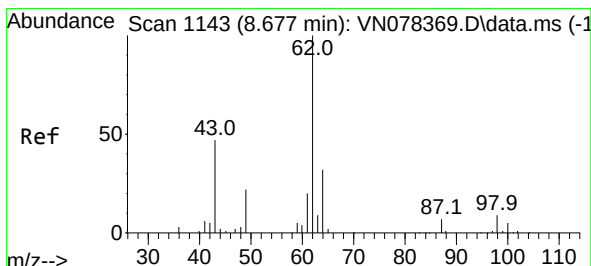
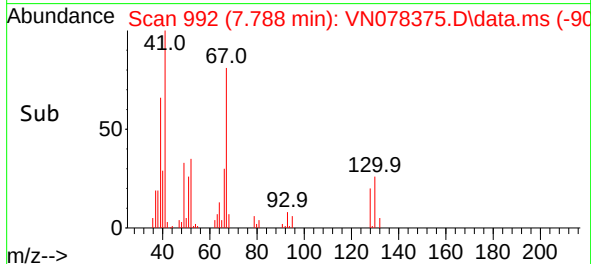
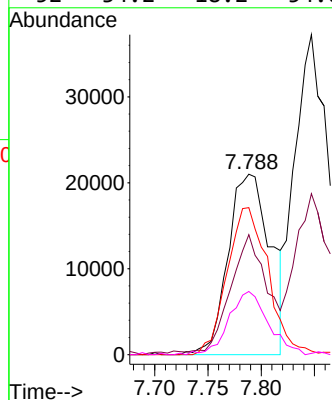
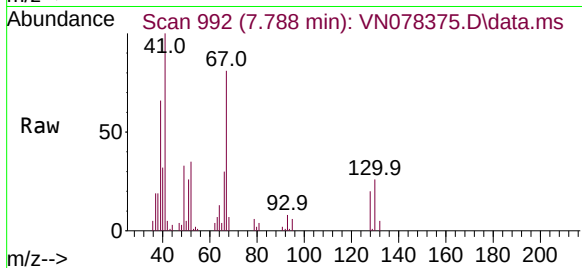




#35
Methacrylonitrile
Concen: 21.808 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

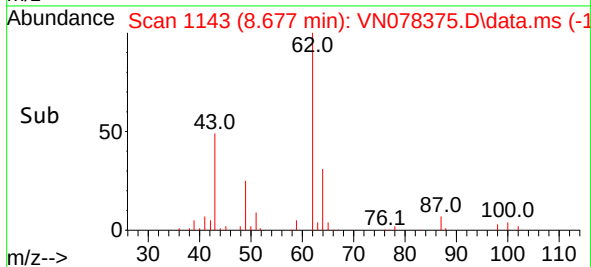
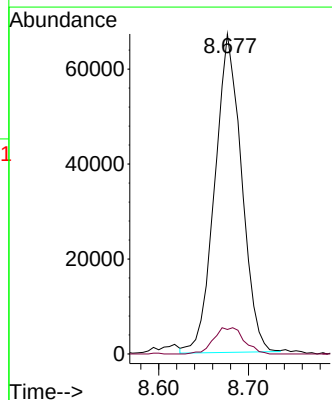
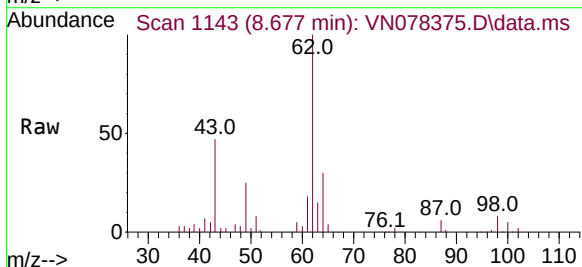
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

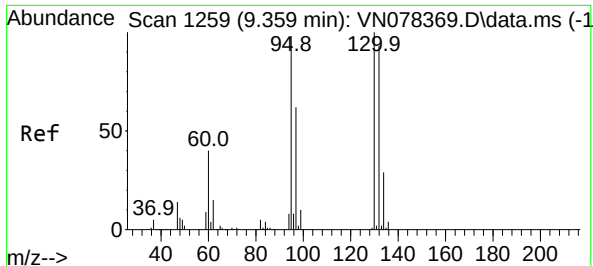
Tgt Ion:	41	Resp:	58102
Ion Ratio	Lower	Upper	
41	100		
39	64.7	33.9	101.6
67	81.4	45.9	137.6
52	34.2	18.2	54.6



#36
1,2-Dichloroethane
Concen: 20.647 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion:	62	Resp:	139175
Ion Ratio	Lower	Upper	
62	100		
98	4.9	7.4	11.0#





#37

Trichloroethene

Concen: 20.752 ug/l

RT: 9.359 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

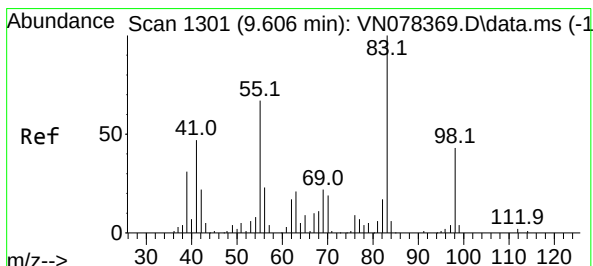
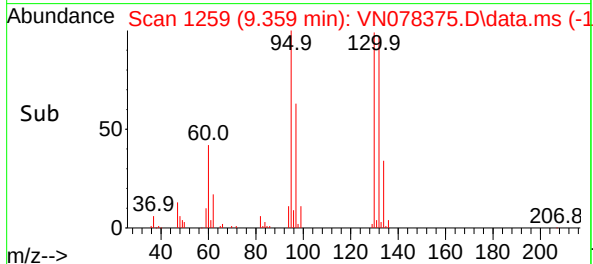
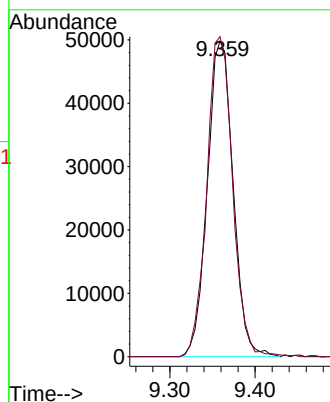
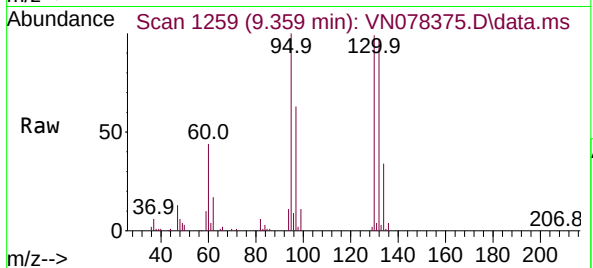
VN0623WBSD01

Tgt Ion:130 Resp: 104823

Ion Ratio Lower Upper

130 100

95 101.4 78.2 117.4



#38

Methylcyclohexane

Concen: 19.932 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

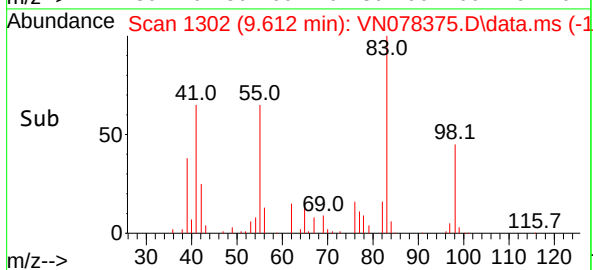
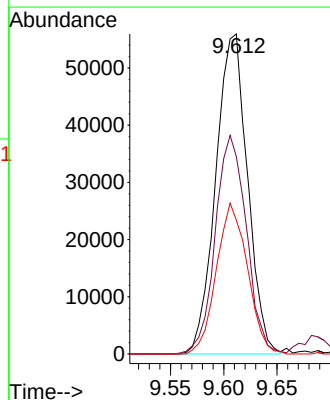
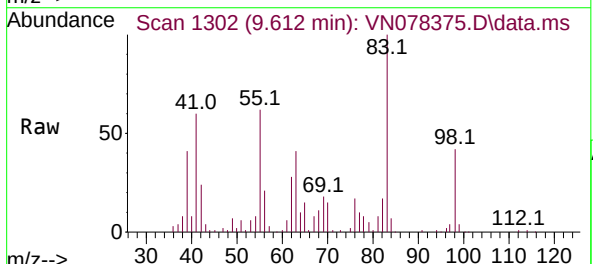
Tgt Ion: 83 Resp: 116102

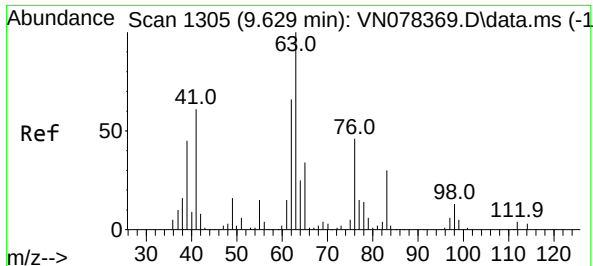
Ion Ratio Lower Upper

83 100

55 66.9 34.0 102.0

98 46.0 23.0 69.0





#39

1,2-Dichloropropane

Concen: 20.474 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

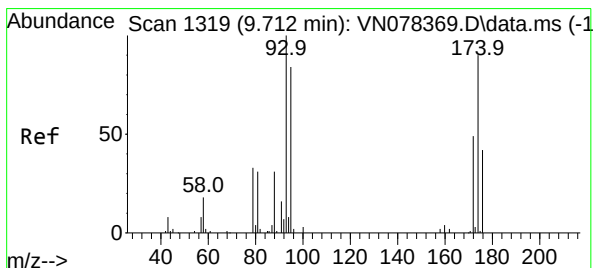
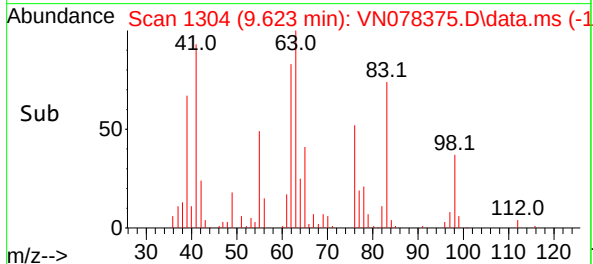
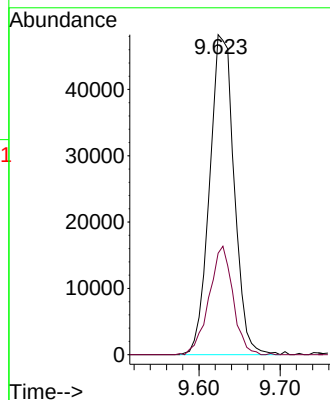
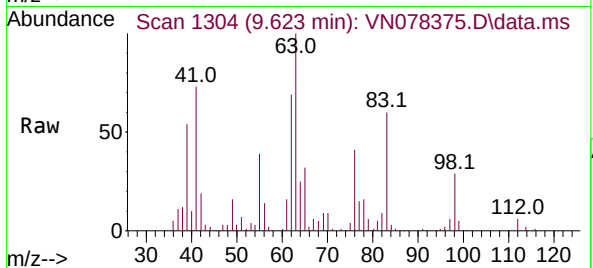
VN0623WBSD01

Tgt Ion: 63 Resp: 101400

Ion Ratio Lower Upper

63 100

65 31.7 27.4 41.2



#40

Dibromomethane

Concen: 20.428 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

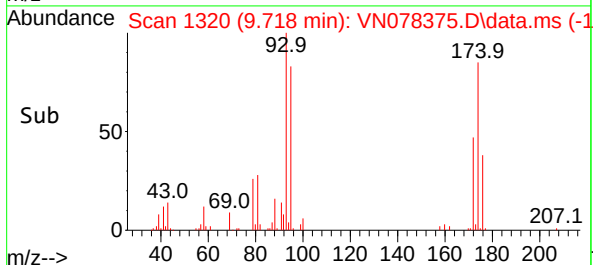
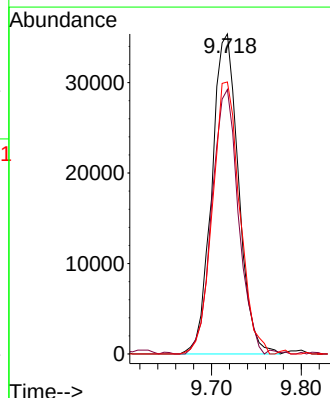
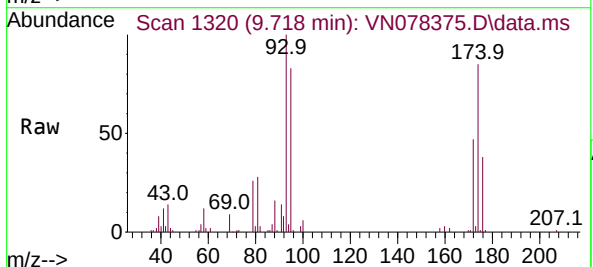
Tgt Ion: 93 Resp: 73004

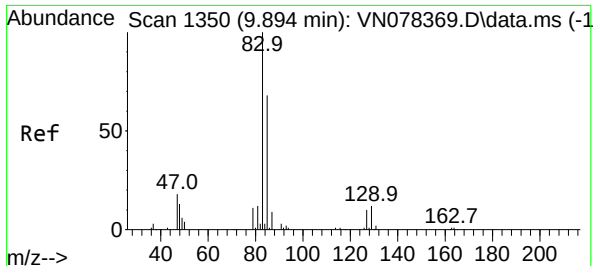
Ion Ratio Lower Upper

93 100

95 82.0 0.0 167.8

174 86.7 0.0 180.8

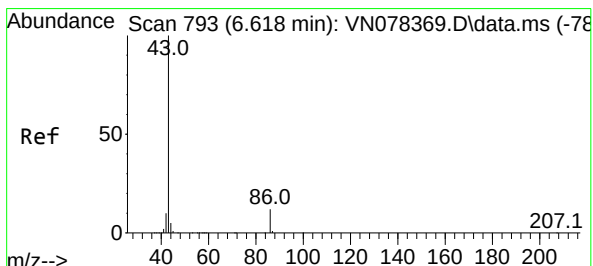
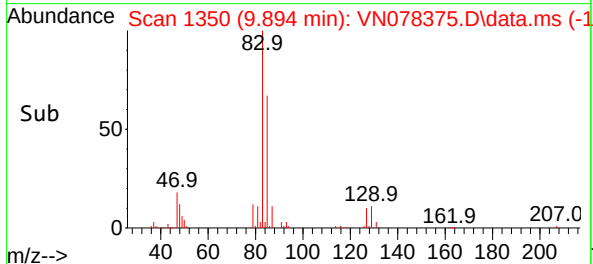
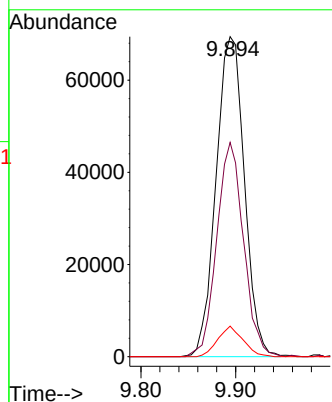
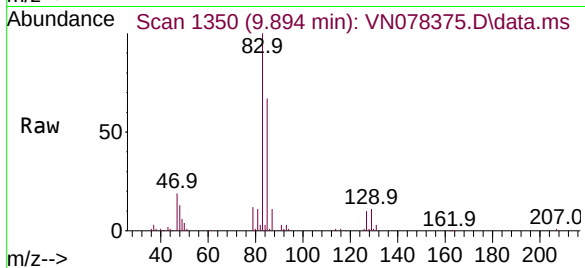




#41
Bromodichloromethane
Concen: 20.821 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

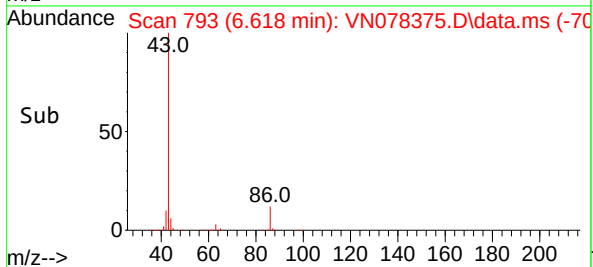
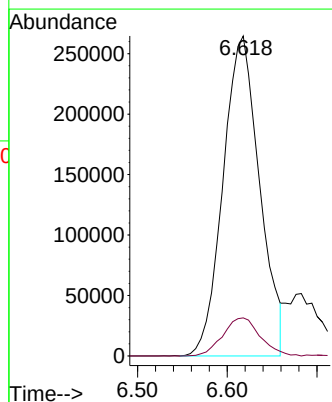
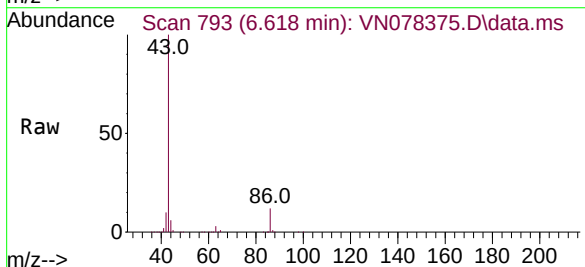
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

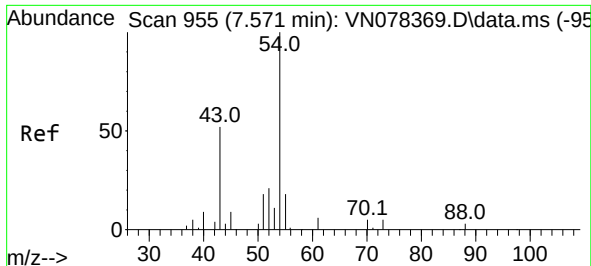
Tgt Ion: 83 Resp: 144558
Ion Ratio Lower Upper
83 100
85 67.0 54.1 81.1
127 9.6 7.8 11.6



#42
Vinyl Acetate
Concen: 101.197 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 43 Resp: 749157
Ion Ratio Lower Upper
43 100
86 12.2 9.4 14.0

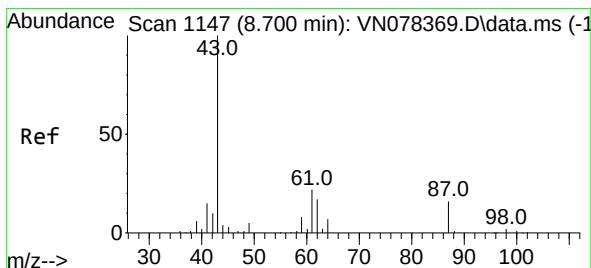
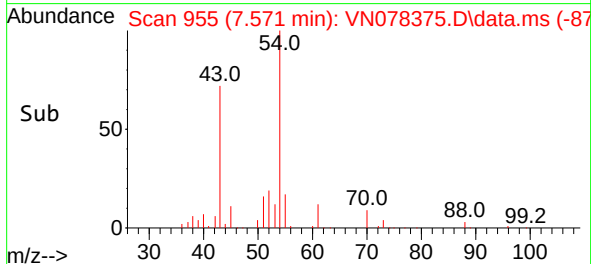
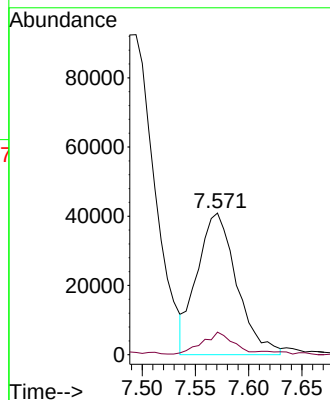
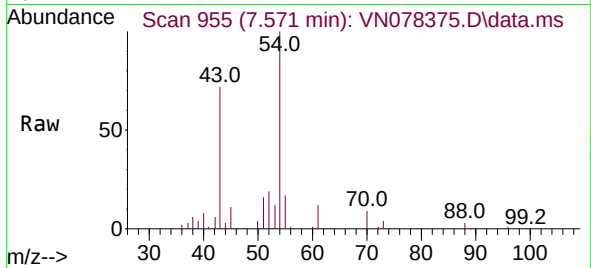




#43
Ethyl Acetate
Concen: 21.611 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

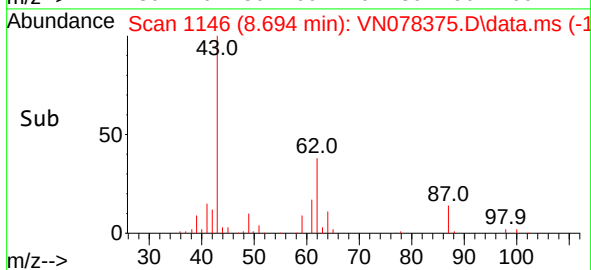
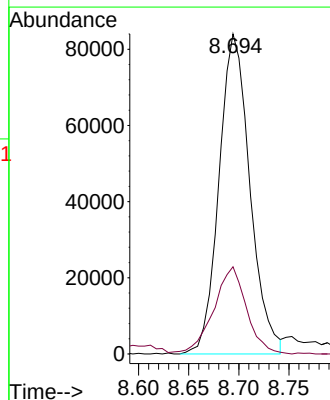
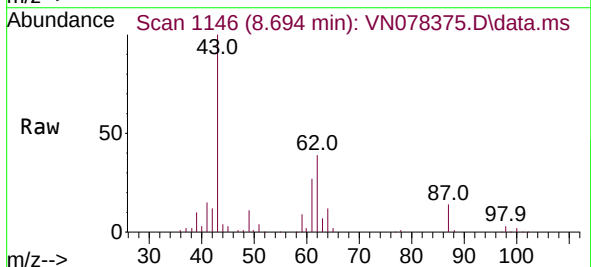
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

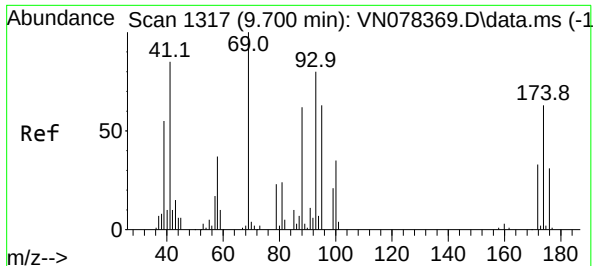
Tgt Ion: 43 Resp: 105741
Ion Ratio Lower Upper
43 100
45 12.7 10.9 16.3



#44
Isopropyl Acetate
Concen: 20.381 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 43 Resp: 180126
Ion Ratio Lower Upper
43 100
61 29.1 23.0 34.6





#45

1,4-Dioxane

Concen: 387.235 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

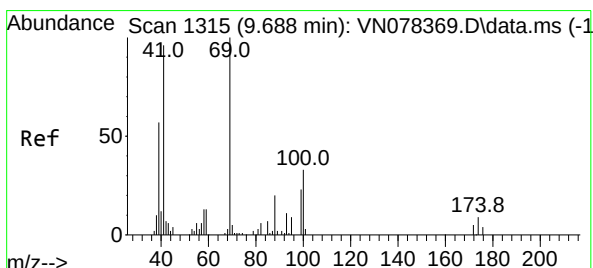
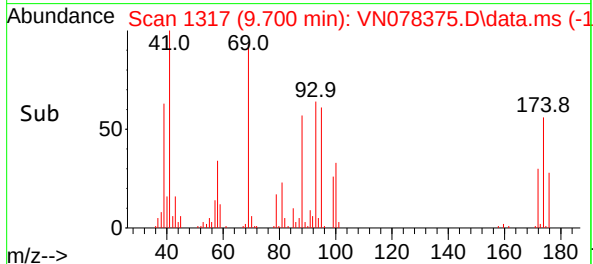
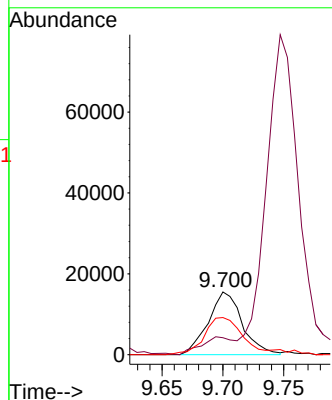
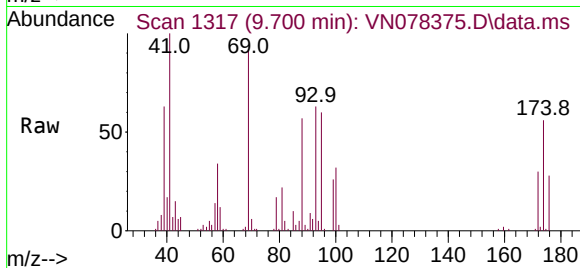
Tgt Ion: 88 Resp: 30192

Ion Ratio Lower Upper

88 100

43 28.2 19.0 28.6

58 65.2 48.2 72.2



#46

Methyl methacrylate

Concen: 20.982 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

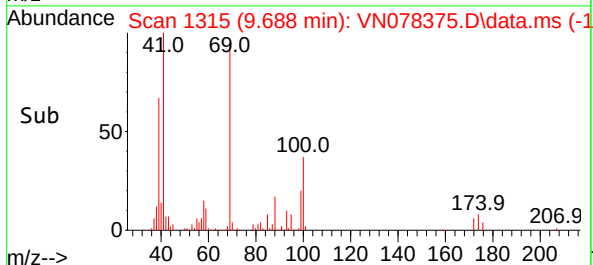
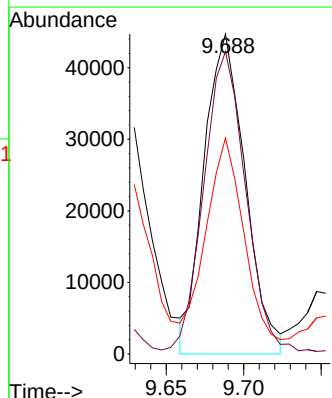
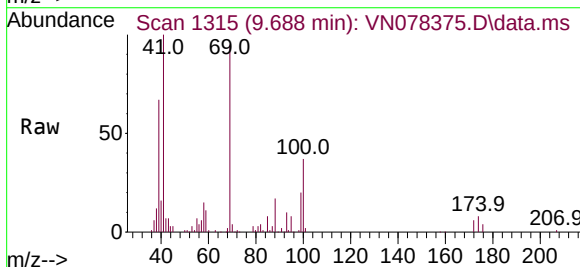
Tgt Ion: 41 Resp: 82544

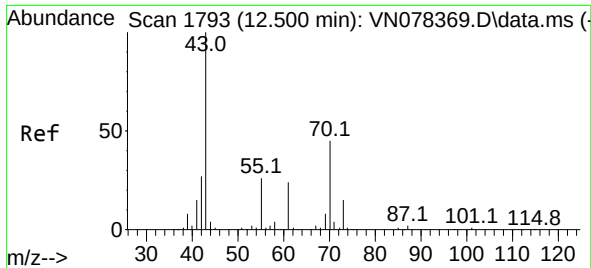
Ion Ratio Lower Upper

41 100

69 97.7 49.0 147.0

39 67.2 31.6 94.8

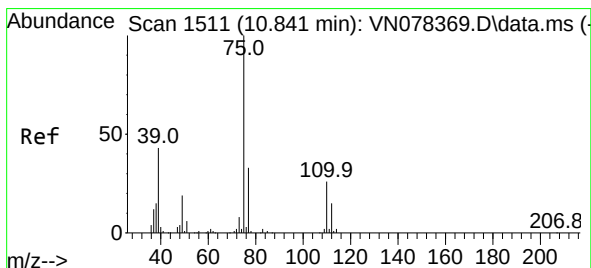
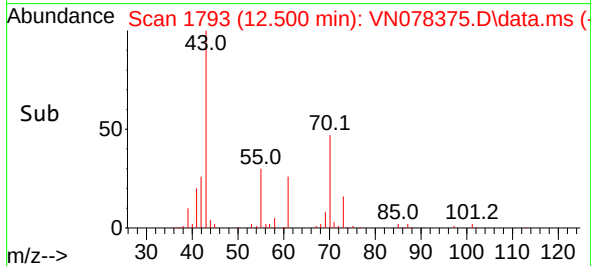
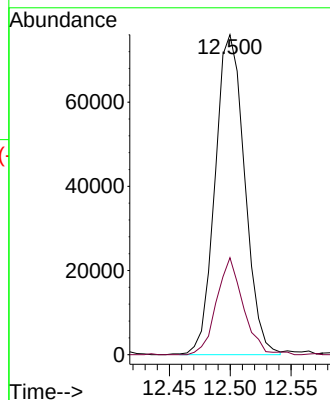
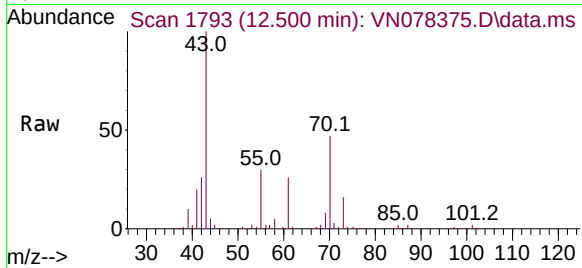




#47
n-amyl acetate
Concen: 19.768 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

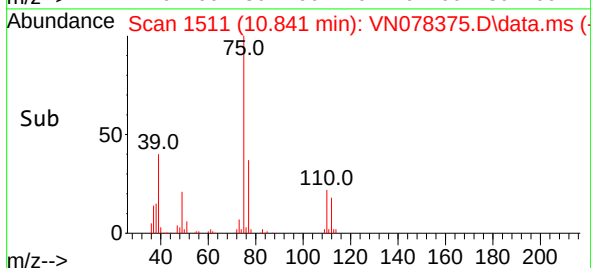
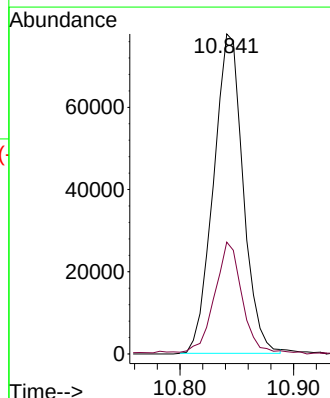
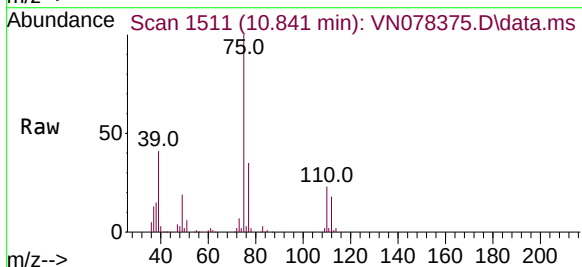
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

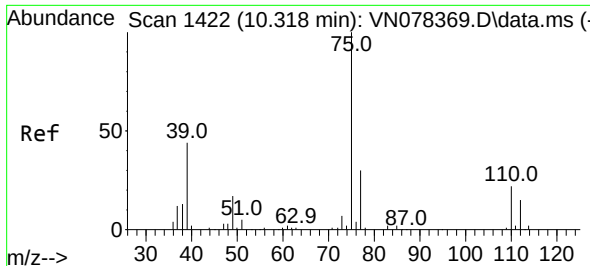
Tgt Ion: 43 Resp: 128422
Ion Ratio Lower Upper
43 100
55 27.1 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 19.762 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 75 Resp: 140848
Ion Ratio Lower Upper
75 100
77 34.5 26.1 39.1

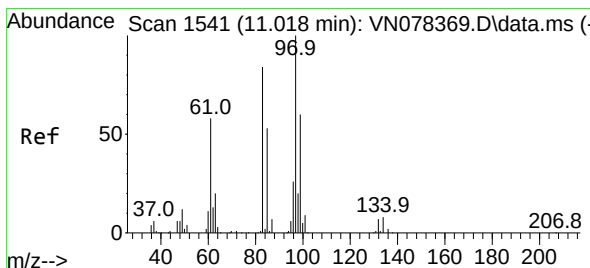
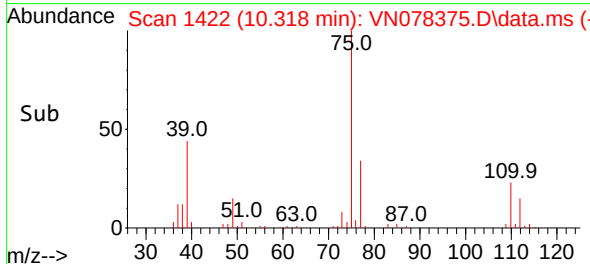
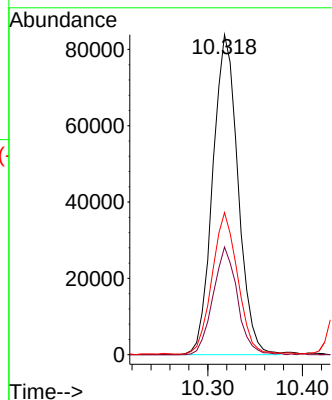
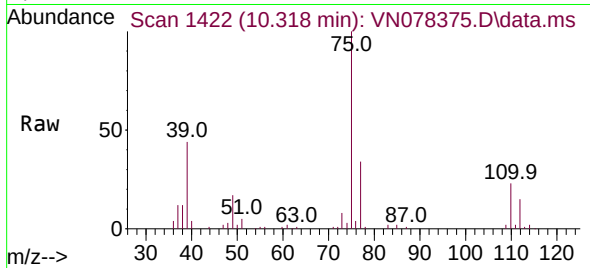




#49
 cis-1,3-Dichloropropene
 Concen: 19.829 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078375.D
 Acq: 23 Jun 2023 13:54

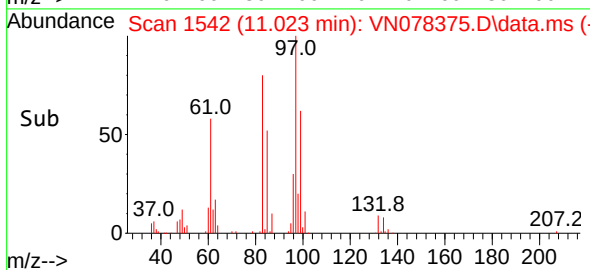
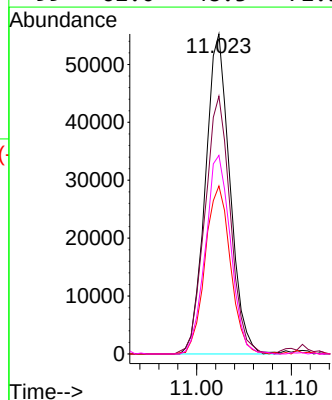
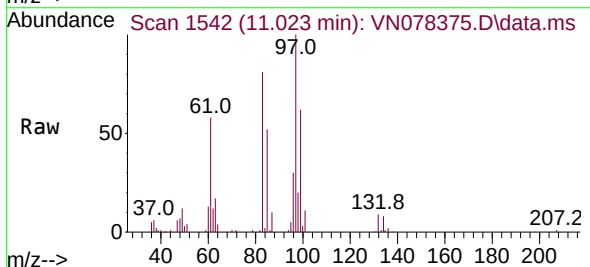
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

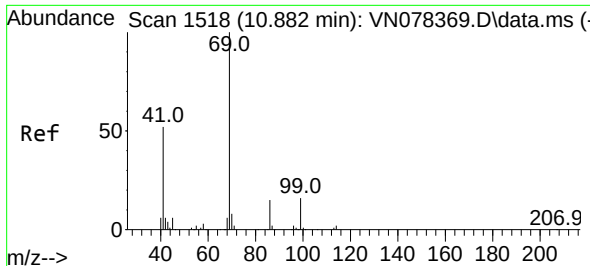
Tgt Ion:	75	Resp:	155767
Ion	Ratio	Lower	Upper
75	100		
77	33.7	24.0	36.0
39	44.2	35.1	52.7



#50
 1,1,2-Trichloroethane
 Concen: 20.800 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN078375.D
 Acq: 23 Jun 2023 13:54

Tgt Ion:	97	Resp:	99651
Ion	Ratio	Lower	Upper
97	100		
83	79.6	66.8	100.2
85	52.5	42.5	63.7
99	62.0	48.3	72.5

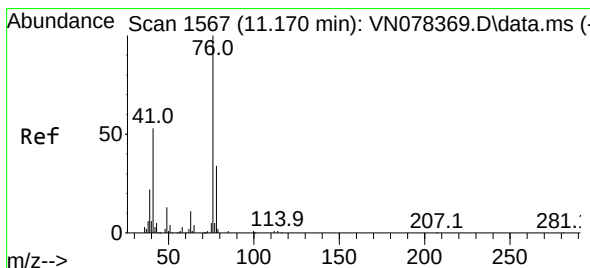
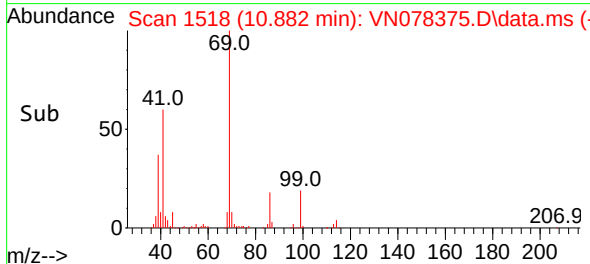
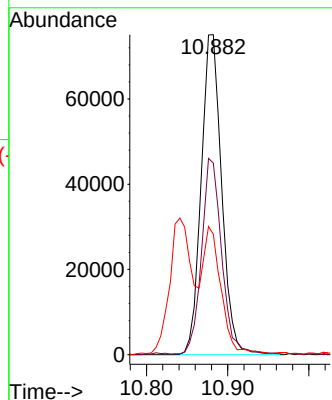
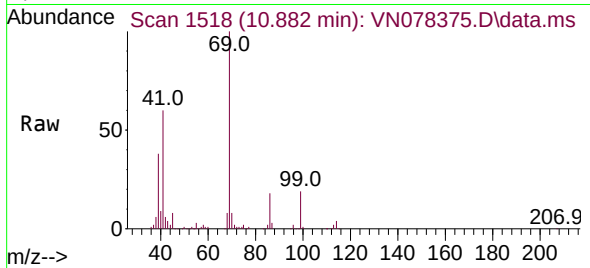




#51
Ethyl methacrylate
Concen: 20.132 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

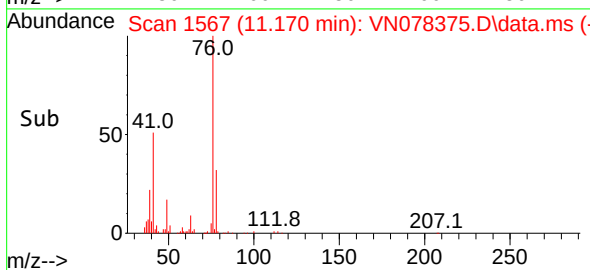
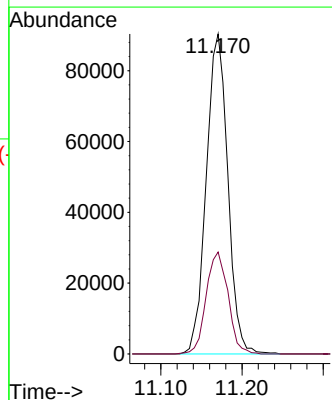
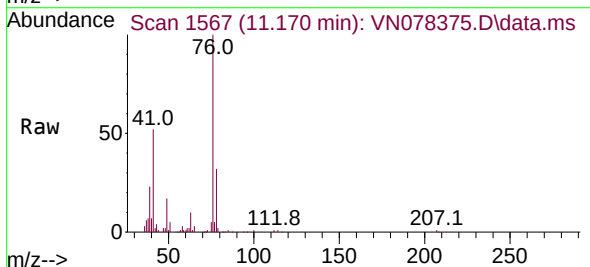
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

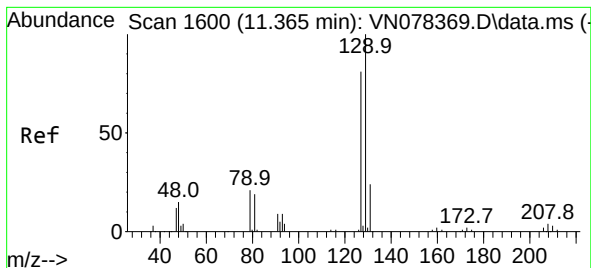
Tgt Ion: 69 Resp: 131950
Ion Ratio Lower Upper
69 100
41 59.6 26.0 78.0
39 36.9 16.3 48.9



#52
1,3-Dichloropropane
Concen: 20.731 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 76 Resp: 166690
Ion Ratio Lower Upper
76 100
78 32.3 0.0 66.2

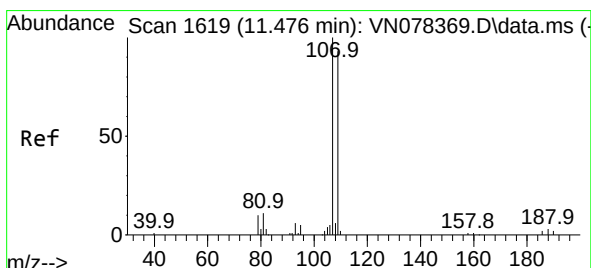
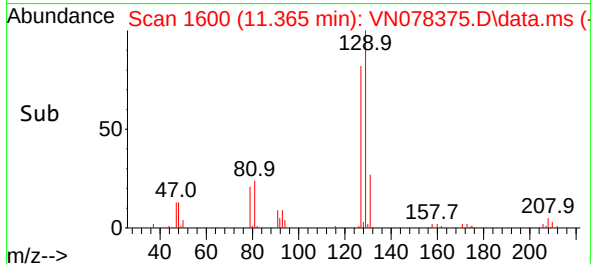
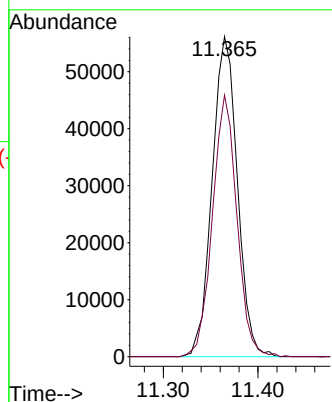
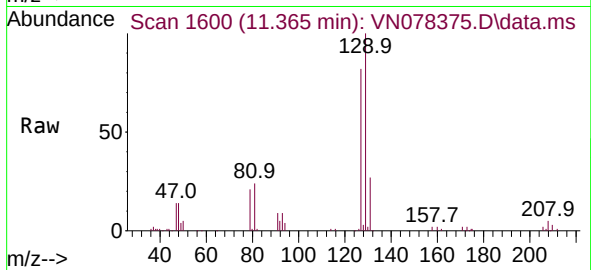




#53
Dibromochloromethane
Concen: 20.480 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

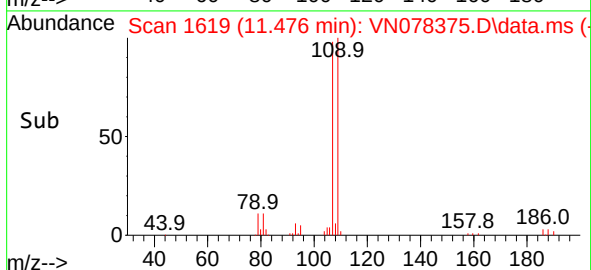
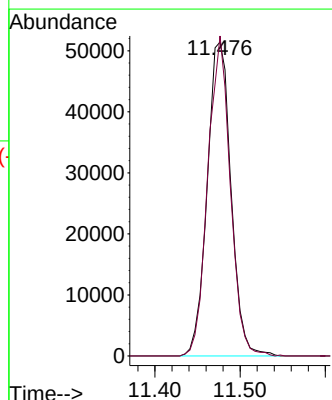
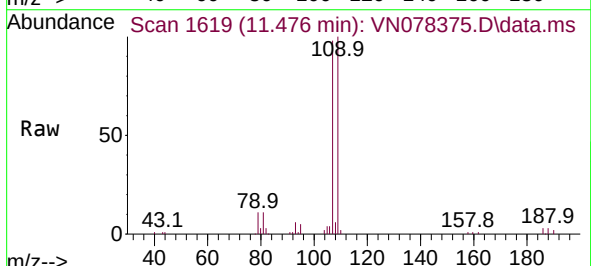
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

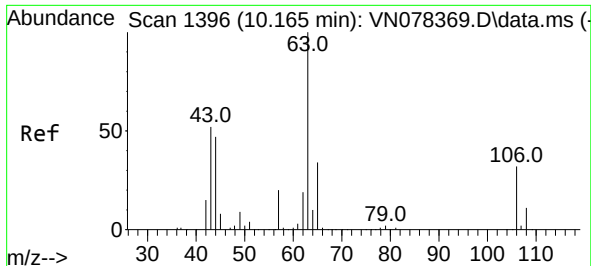
Tgt Ion:129 Resp: 104070
Ion Ratio Lower Upper
129 100
127 79.0 39.4 118.1



#54
1,2-Dibromoethane
Concen: 20.724 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion:107 Resp: 100071
Ion Ratio Lower Upper
107 100
109 95.8 74.6 112.0

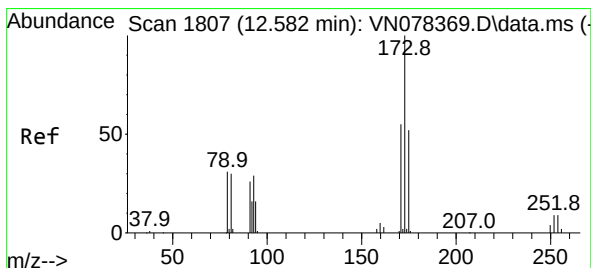
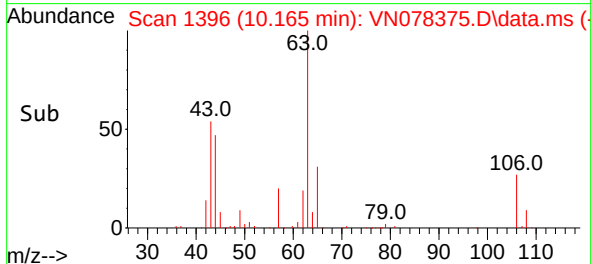
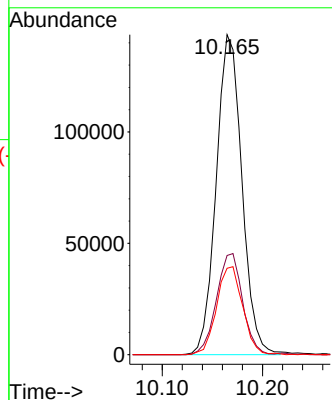
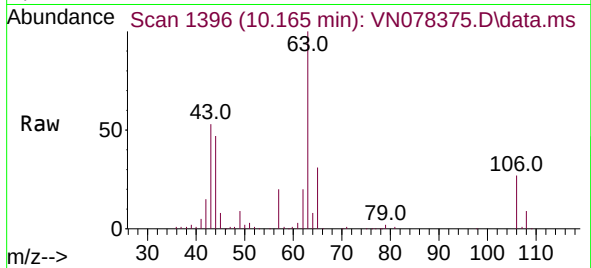




#55
2-Chloroethyl vinyl ether
Concen: 105.675 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

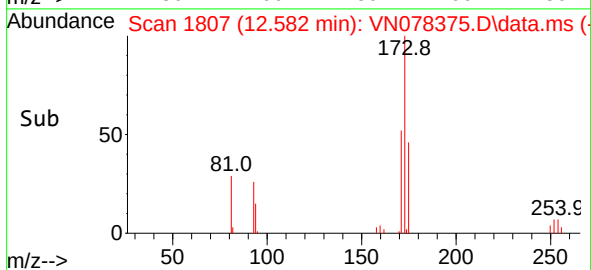
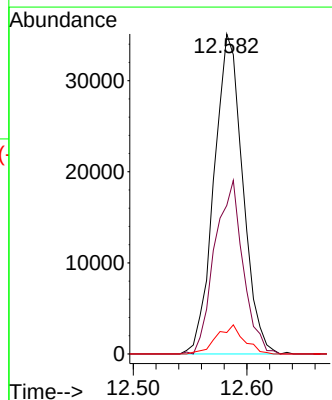
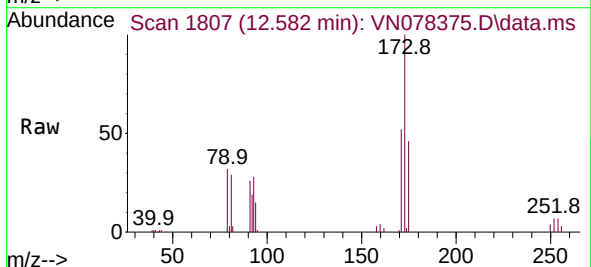
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

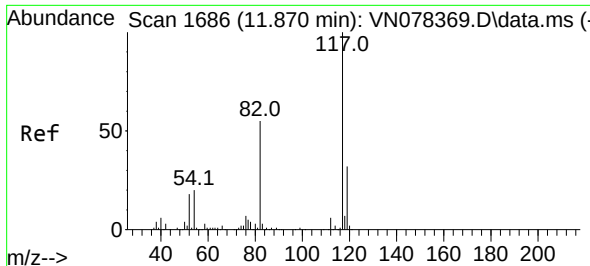
Tgt Ion: 63 Resp: 255519
Ion Ratio Lower Upper
63 100
65 32.0 26.3 39.5
106 27.8 23.8 35.6



#56
Bromoform
Concen: 19.824 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion:173 Resp: 61664
Ion Ratio Lower Upper
173 100
175 53.4 40.7 61.1
254 8.7 6.5 9.7

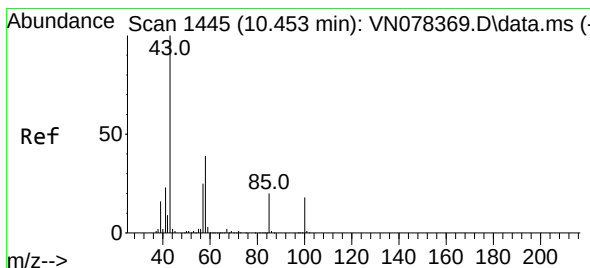
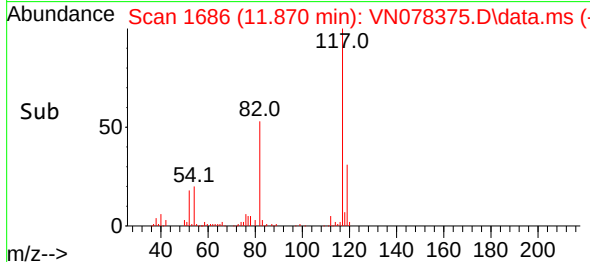
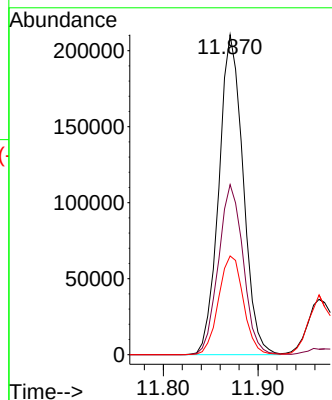
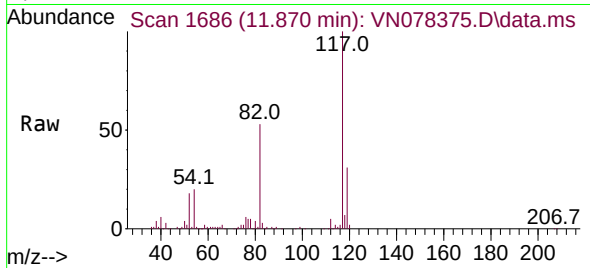




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

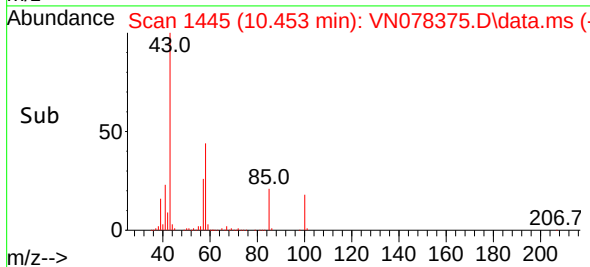
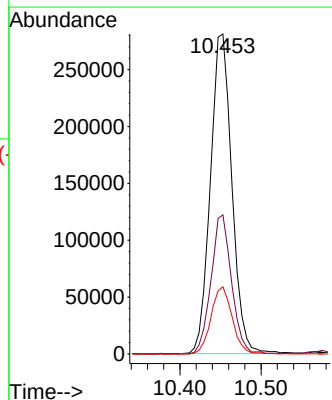
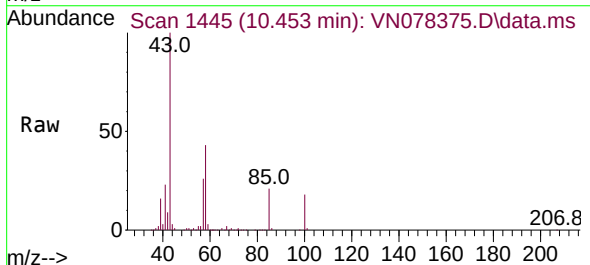
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

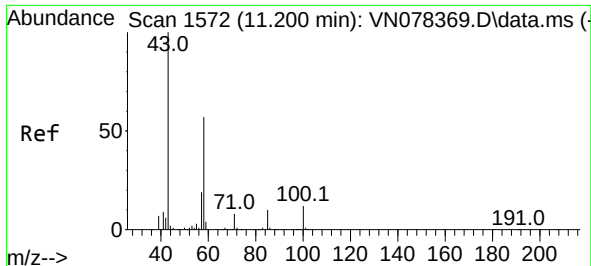
Tgt Ion:117 Resp: 374958
Ion Ratio Lower Upper
117 100
82 54.3 43.9 65.9
119 31.6 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 103.308 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 43 Resp: 517285
Ion Ratio Lower Upper
43 100
58 41.2 32.6 48.8
85 20.5 16.2 24.2

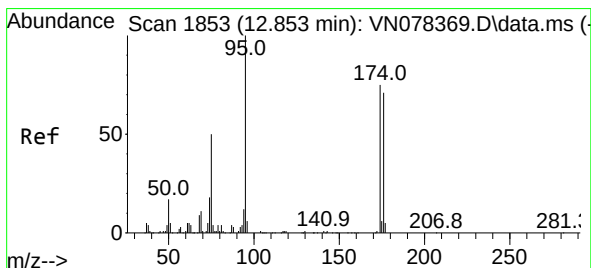
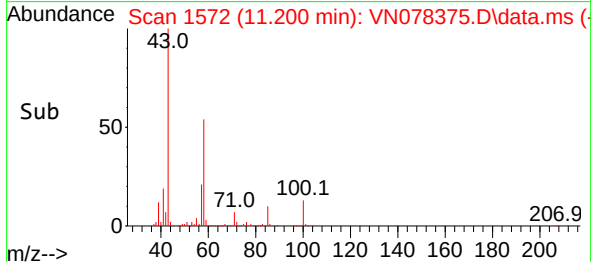
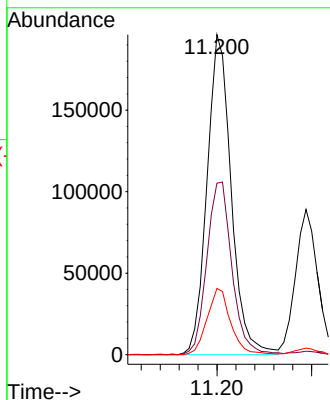
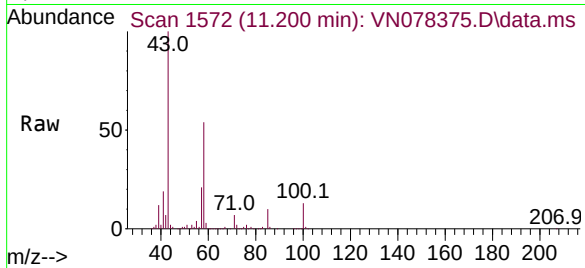




#59
2-Hexanone
Concen: 100.993 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

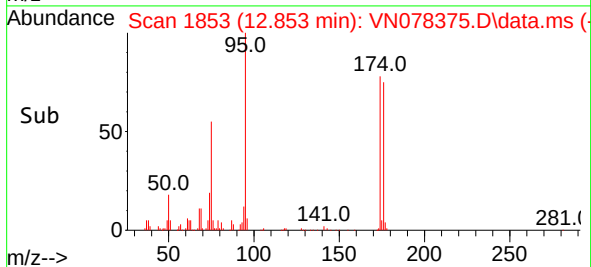
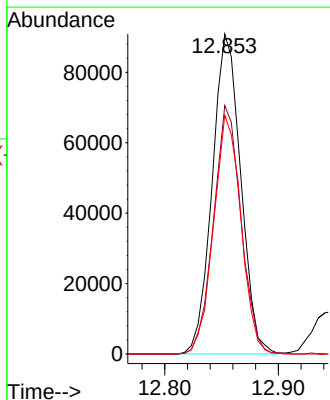
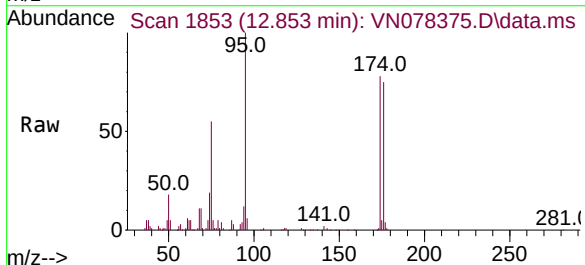
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

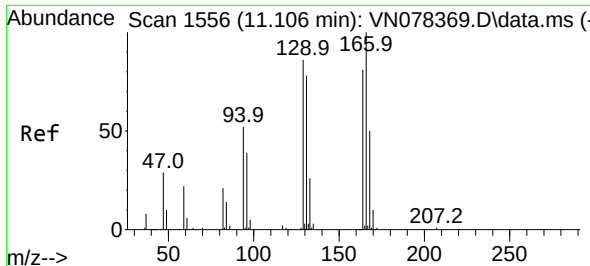
Tgt Ion: 43 Resp: 349250
Ion Ratio Lower Upper
43 100
58 55.9 45.9 68.9
57 20.1 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 29.950 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 95 Resp: 158219
Ion Ratio Lower Upper
95 100
174 74.7 61.7 92.5
176 71.9 58.1 87.1

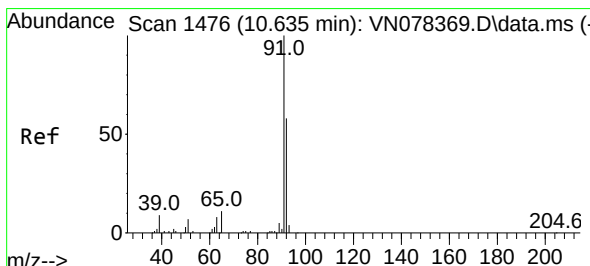
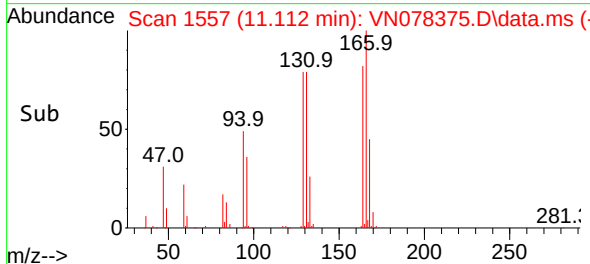
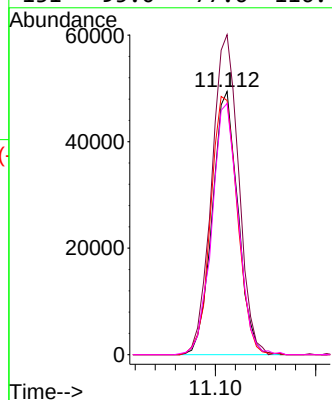
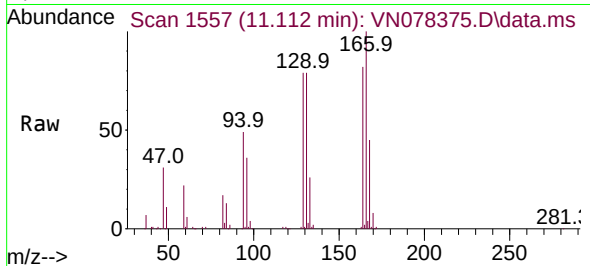




#61
Tetrachloroethene
Concen: 21.376 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

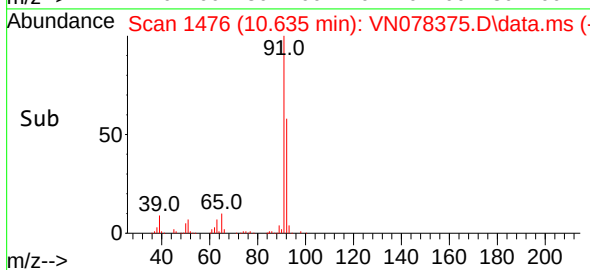
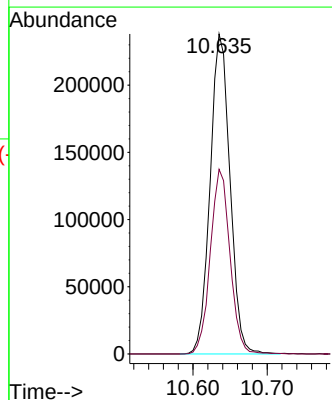
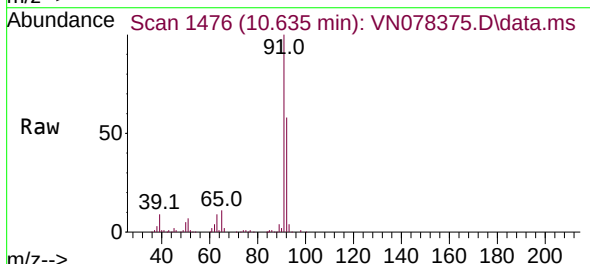
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

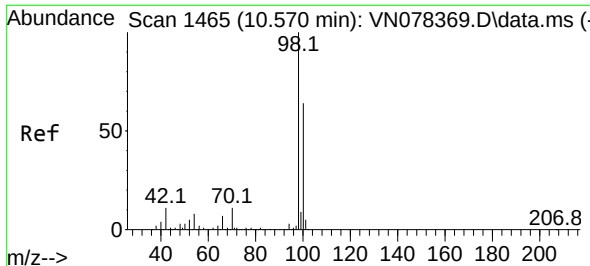
Tgt Ion:164	Resp:	87829
Ion	Ratio	Lower Upper
164	100	
166	121.6	99.1 148.7
129	96.6	85.6 128.4
131	95.0	77.6 116.4



#62
Toluene
Concen: 20.318 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 91	Resp:	443372
Ion	Ratio	Lower Upper
91	100	
92	57.0	45.2 67.8

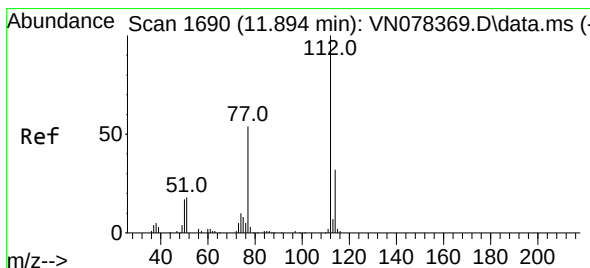
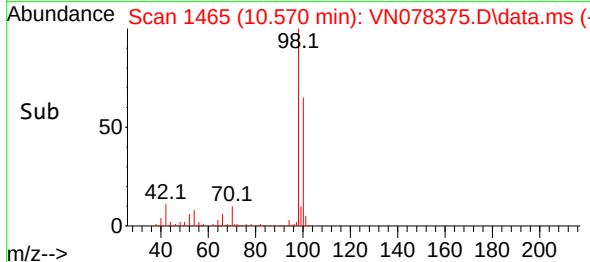
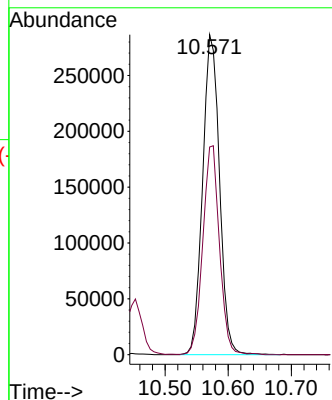
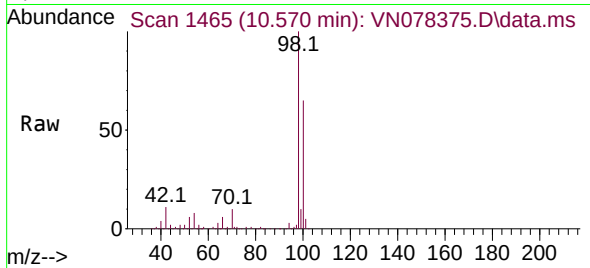




#63
Toluene-d8
Concen: 29.266 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

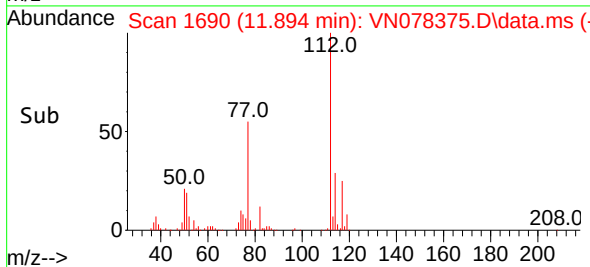
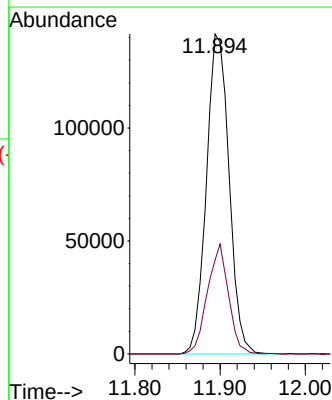
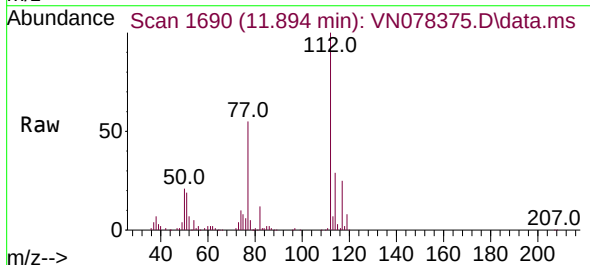
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

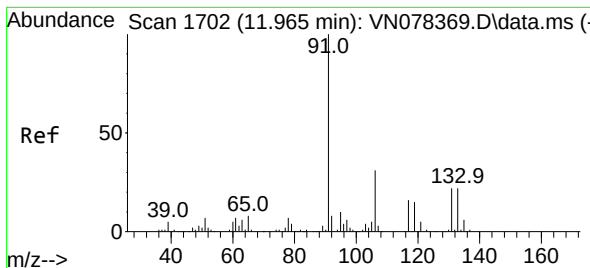
Tgt Ion: 98 Resp: 531691
Ion Ratio Lower Upper
98 100
100 64.3 49.7 74.5



#64
Chlorobenzene
Concen: 20.222 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 112 Resp: 261550
Ion Ratio Lower Upper
112 100
114 29.4 25.9 38.9





#65

1,1,1,2-Tetrachloroethane

Concen: 20.381 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

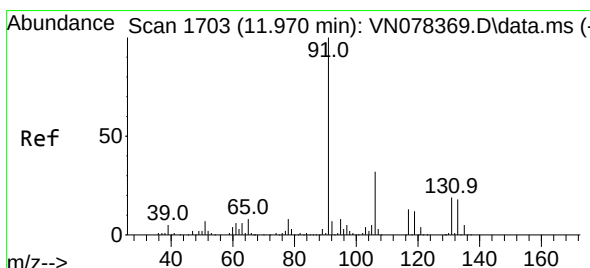
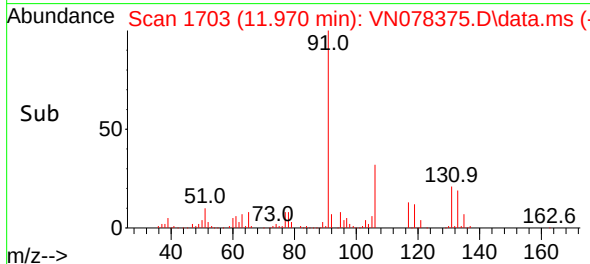
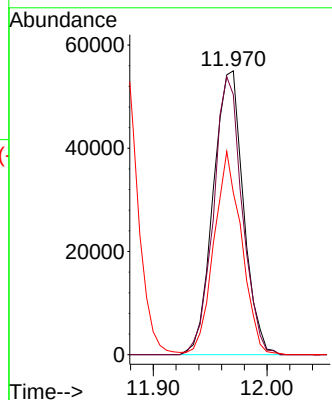
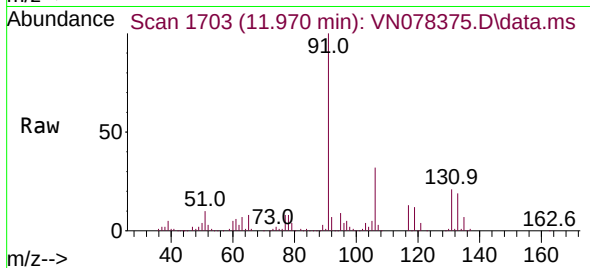
Tgt Ion:131 Resp: 101649

Ion Ratio Lower Upper

131 100

133 93.1 0.0 191.8

119 65.6 0.0 132.0



#66

Ethyl Benzene

Concen: 20.191 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN078375.D

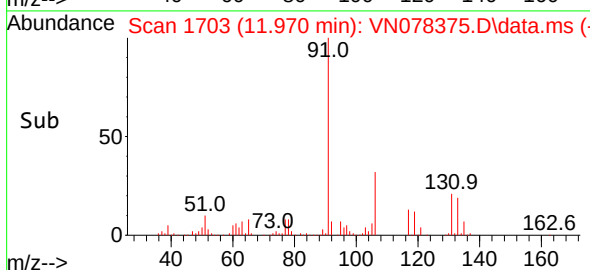
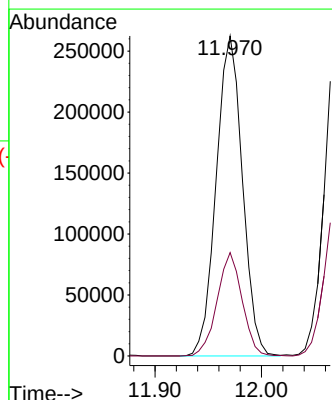
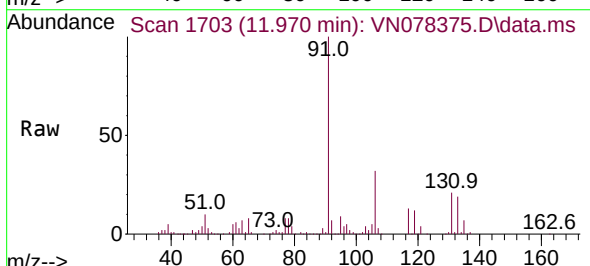
Acq: 23 Jun 2023 13:54

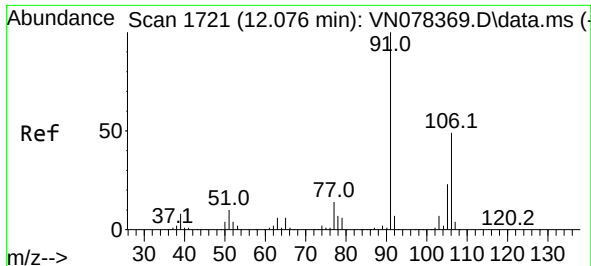
Tgt Ion: 91 Resp: 448347

Ion Ratio Lower Upper

91 100

106 32.3 25.6 38.4

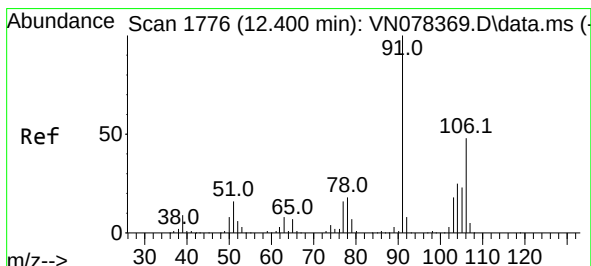
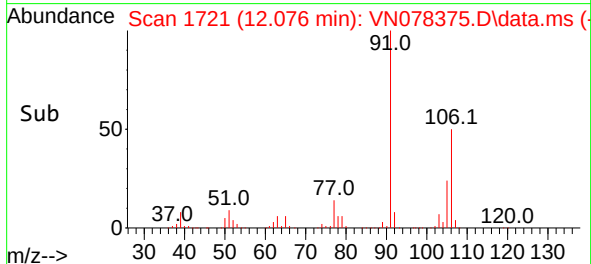
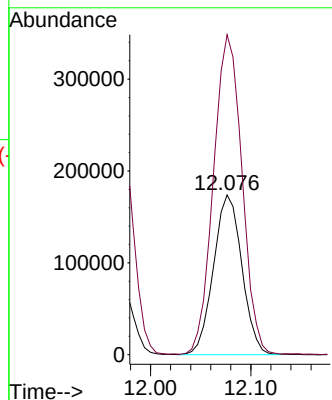
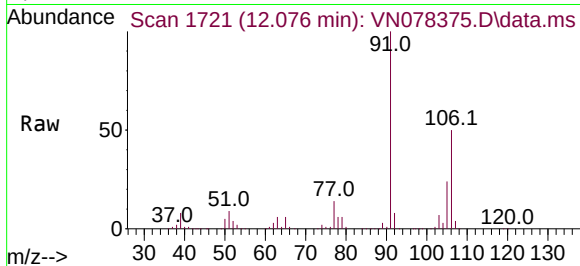




#67
m/p-Xylenes
Concen: 40.725 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

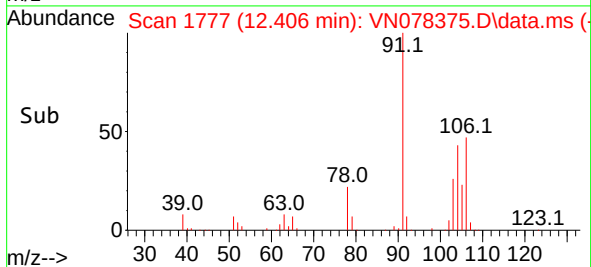
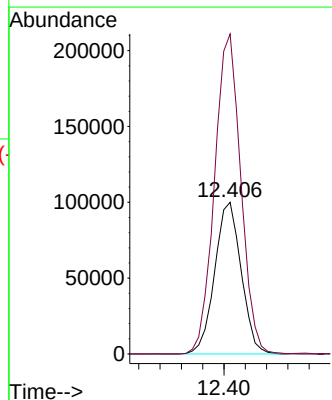
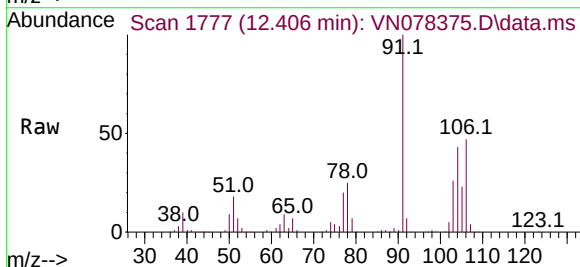
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

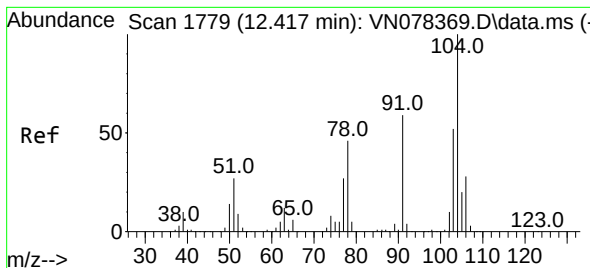
Tgt Ion:106 Resp: 341926
Ion Ratio Lower Upper
106 100
91 201.3 162.5 243.7



#68
o-Xylene
Concen: 21.158 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion:106 Resp: 172261
Ion Ratio Lower Upper
106 100
91 209.4 106.1 318.3





#69

Styrene

Concen: 20.058 ug/l

RT: 12.417 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

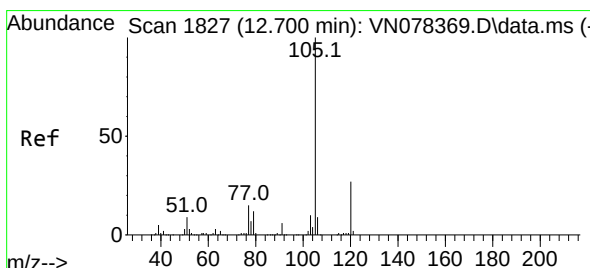
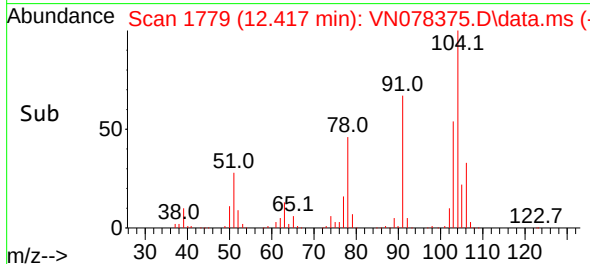
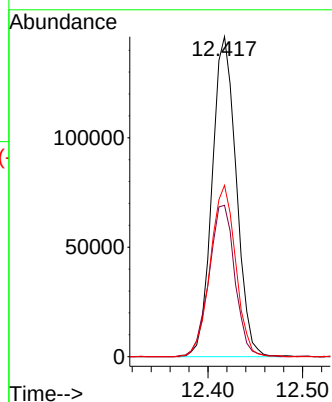
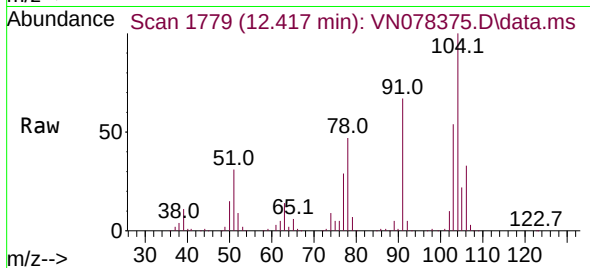
Tgt Ion:104 Resp: 258566

Ion Ratio Lower Upper

104 100

78 50.8 40.1 60.1

103 56.1 45.1 67.7



#70

Isopropylbenzene

Concen: 20.378 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078375.D

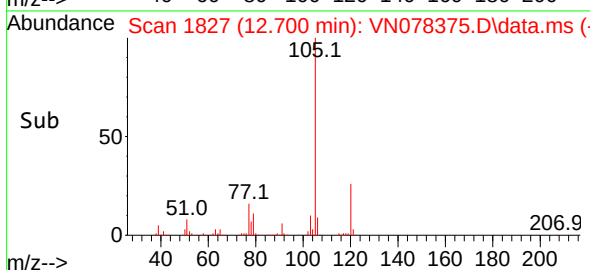
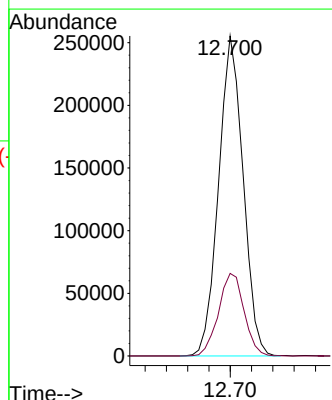
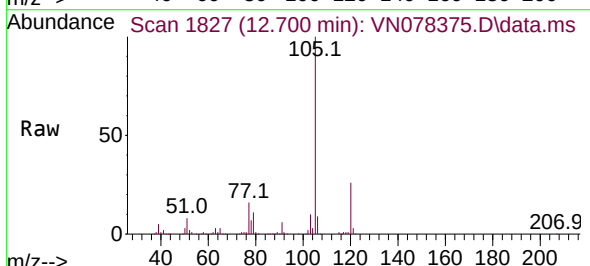
Acq: 23 Jun 2023 13:54

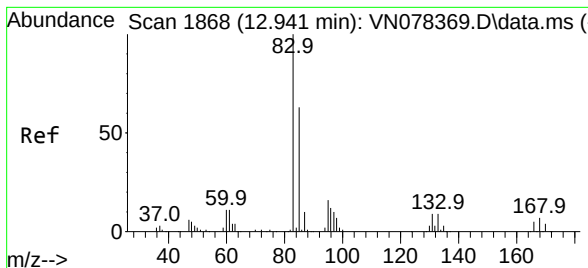
Tgt Ion:105 Resp: 407678

Ion Ratio Lower Upper

105 100

120 26.9 18.3 34.1

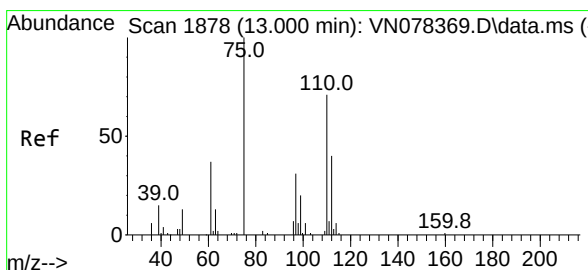
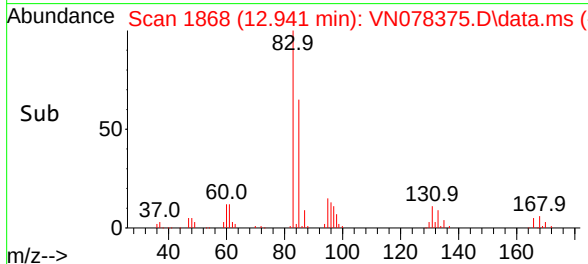
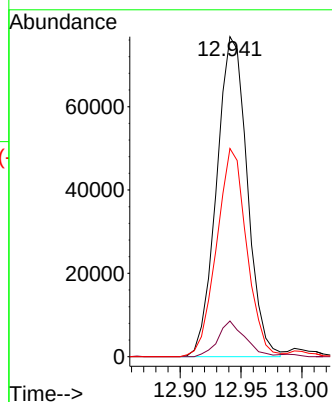
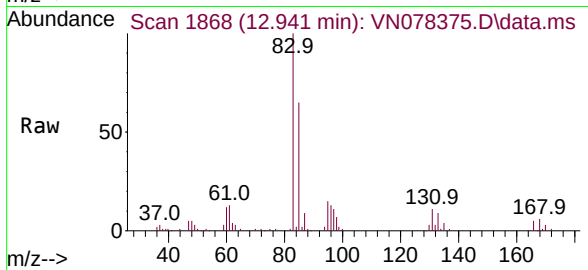




#71
1,1,2,2-Tetrachloroethane
Concen: 20.677 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

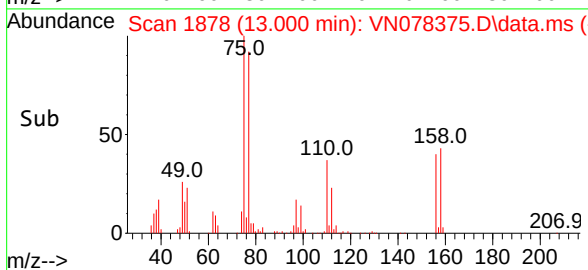
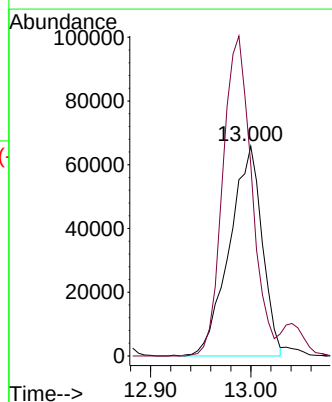
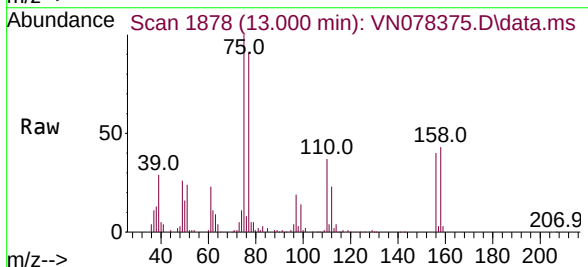
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

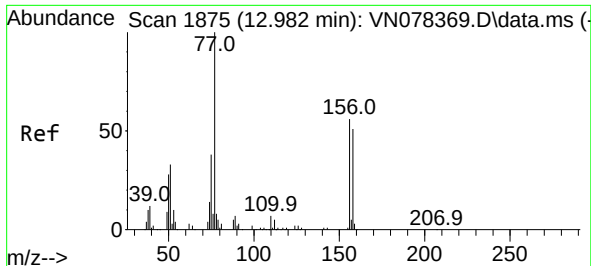
Tgt Ion: 83 Resp: 134517
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 63.9 32.6 98.0



#72
1,2,3-Trichloropropane
Concen: 27.498 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 75 Resp: 149113
Ion Ratio Lower Upper
75 100
77 134.5 0.0 387.4

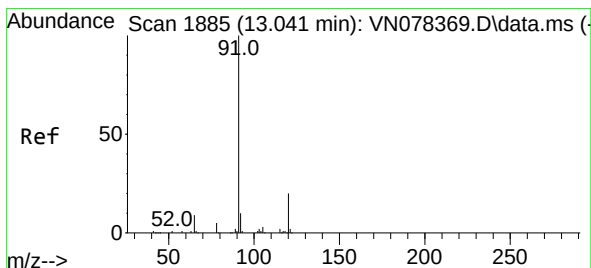
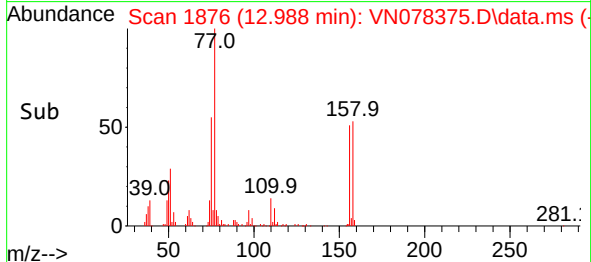
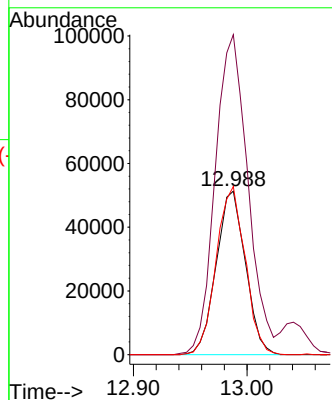
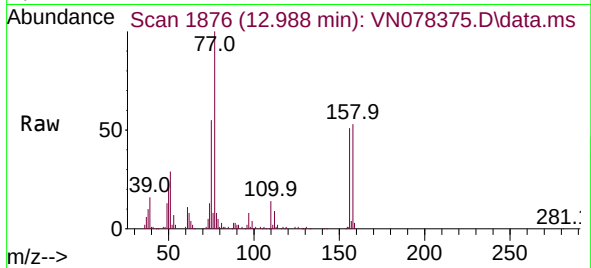




#73
Bromobenzene
Concen: 19.272 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

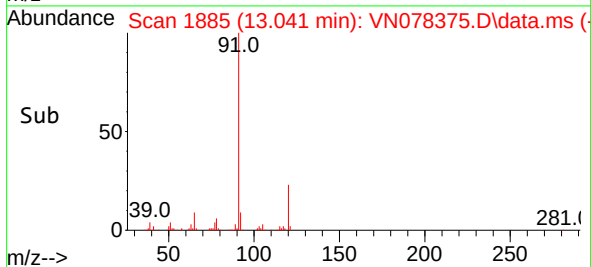
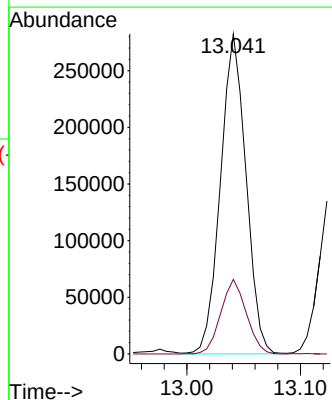
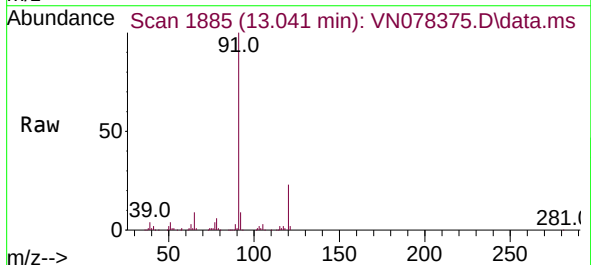
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

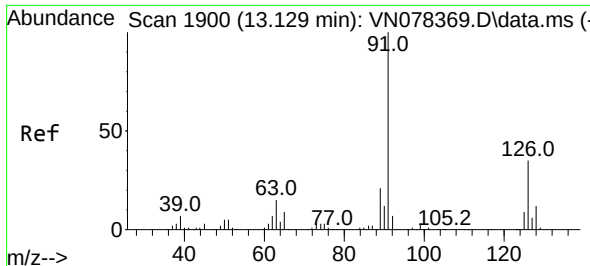
Tgt Ion:156 Resp: 92178
Ion Ratio Lower Upper
156 100
77 217.6 0.0 420.8
158 101.6 0.0 193.2



#74
n-propylbenzene
Concen: 20.216 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 91 Resp: 439776
Ion Ratio Lower Upper
91 100
120 23.3 0.0 44.6

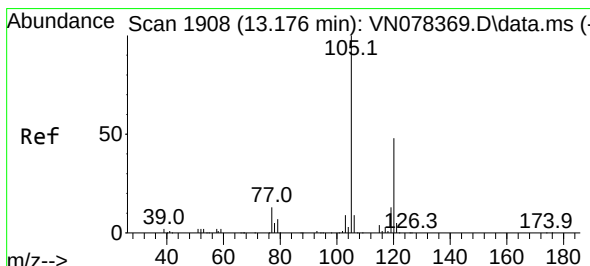
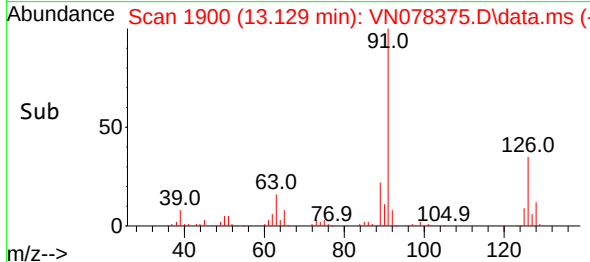
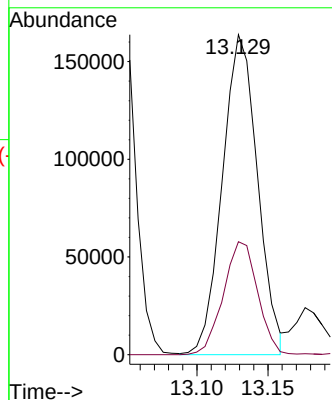
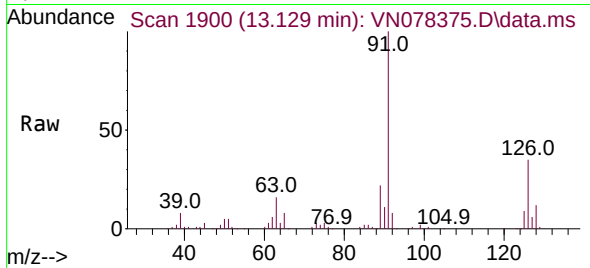




#75
2-Chlorotoluene
Concen: 19.150 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

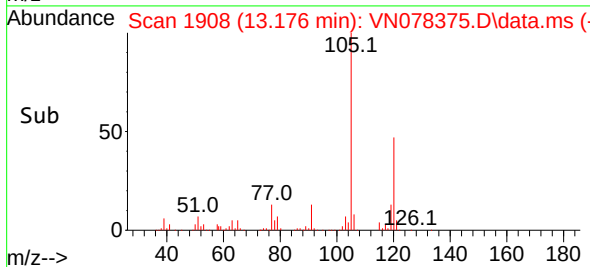
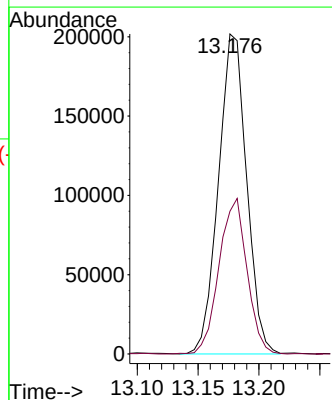
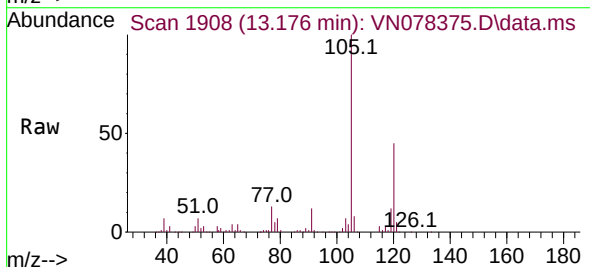
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

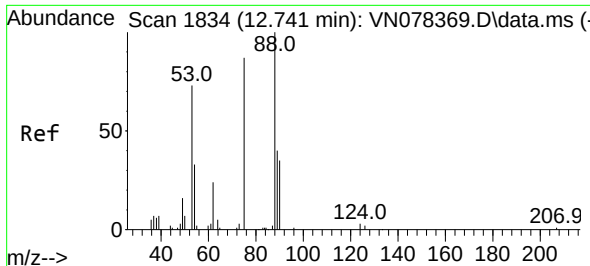
Tgt Ion: 91 Resp: 282007
Ion Ratio Lower Upper
91 100
126 34.4 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 19.588 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 105 Resp: 324937
Ion Ratio Lower Upper
105 100
120 48.1 0.0 97.2

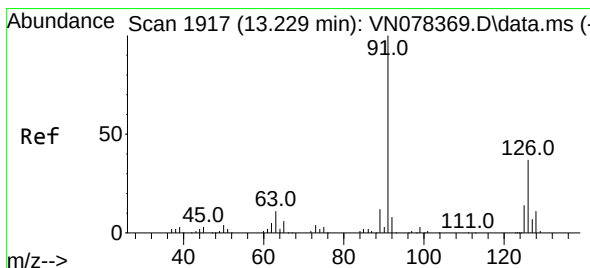
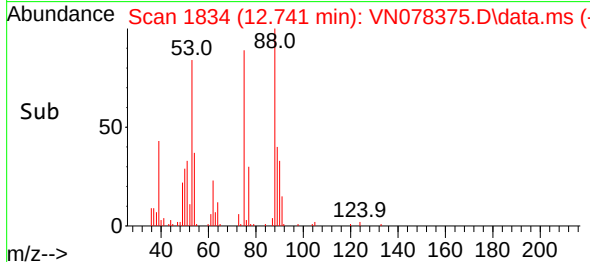
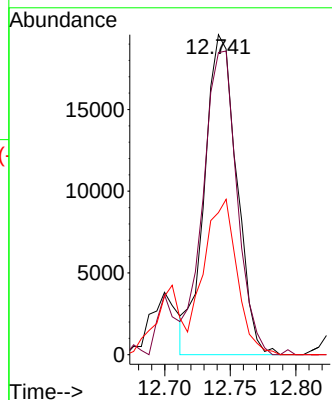
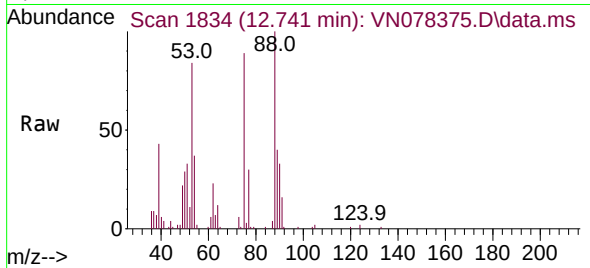




#77
t-1,4-Dichloro-2-butene
Concen: 19.188 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

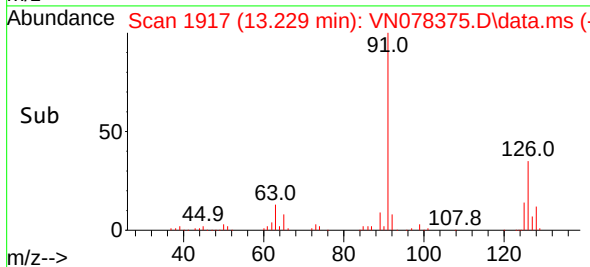
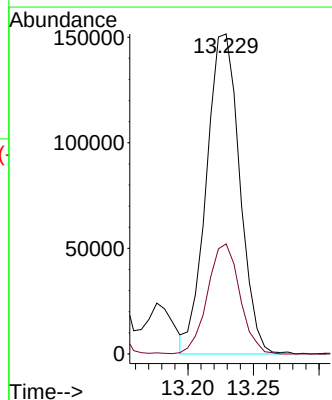
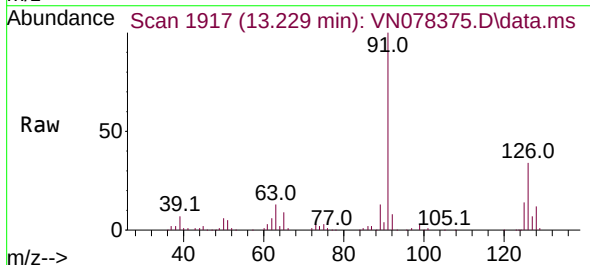
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

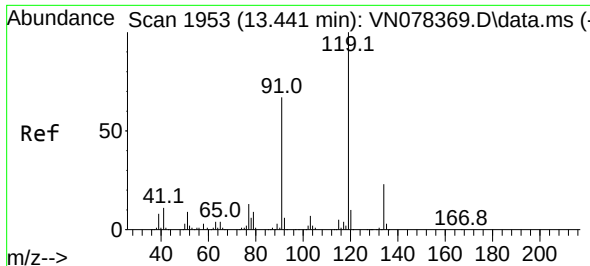
Tgt Ion: 75 Resp: 33632
Ion Ratio Lower Upper
75 100
53 92.3 41.6 124.9
89 44.4 25.1 75.4



#78
4-Chlorotoluene
Concen: 19.424 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion: 91 Resp: 267668
Ion Ratio Lower Upper
91 100
126 33.4 0.0 68.8

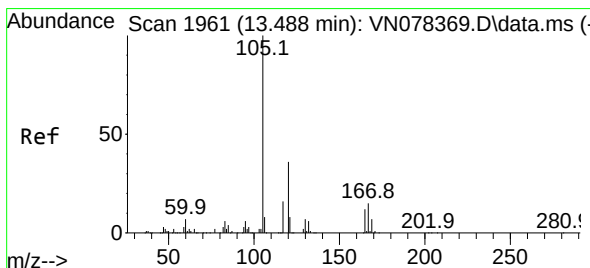
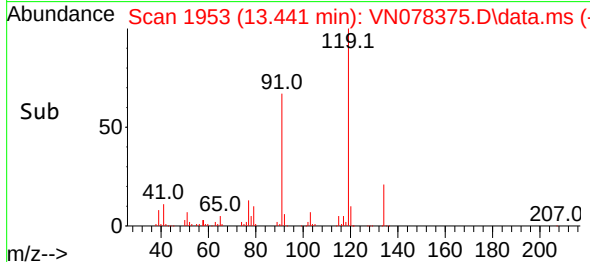
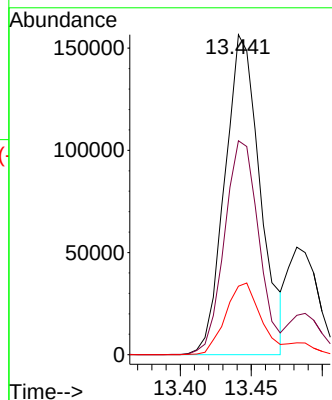
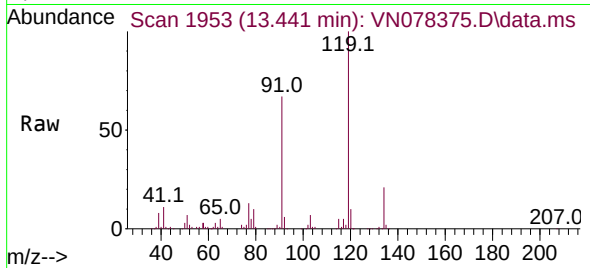




#79
tert-butylbenzene
Concen: 19.859 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

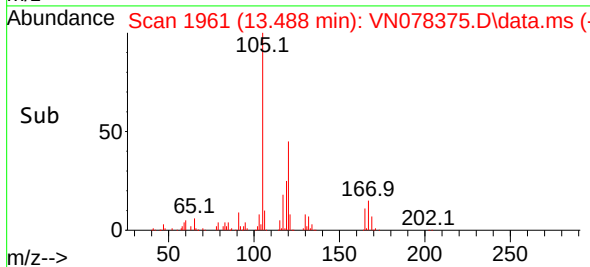
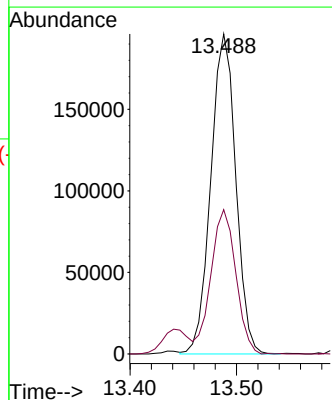
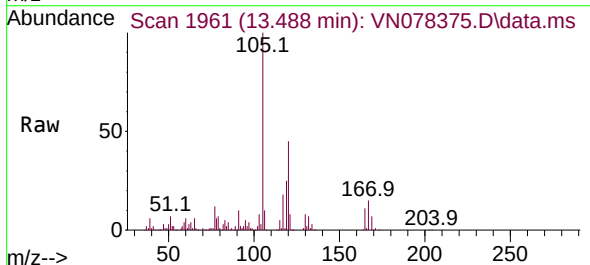
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

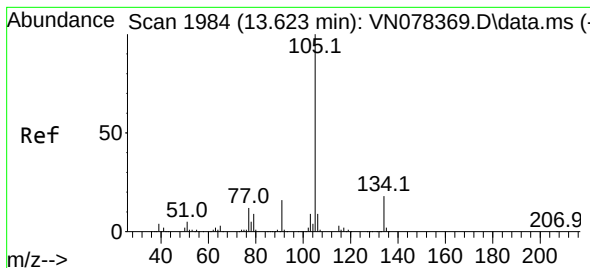
Tgt Ion:119 Resp: 270994
Ion Ratio Lower Upper
119 100
91 65.1 0.0 126.6
134 22.2 0.0 44.0



#80
1,2,4-Trimethylbenzene
Concen: 20.372 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion:105 Resp: 319335
Ion Ratio Lower Upper
105 100
120 45.0 0.0 88.2

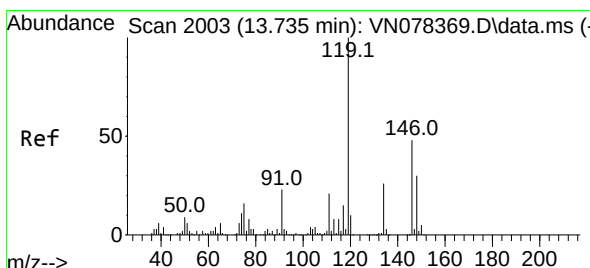
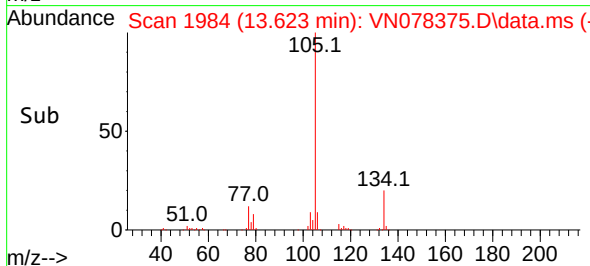
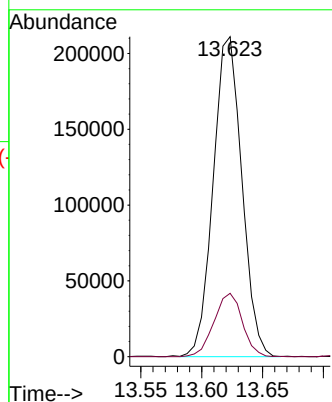
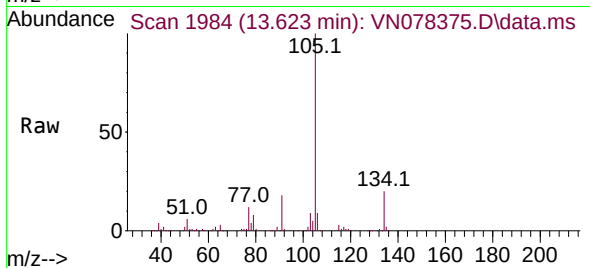




#81
 sec-Butylbenzene
 Concen: 20.303 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078375.D
 Acq: 23 Jun 2023 13:54

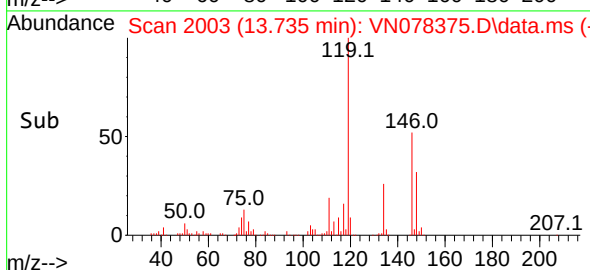
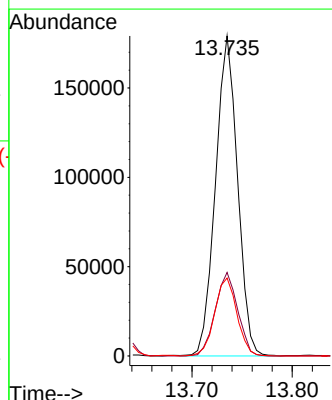
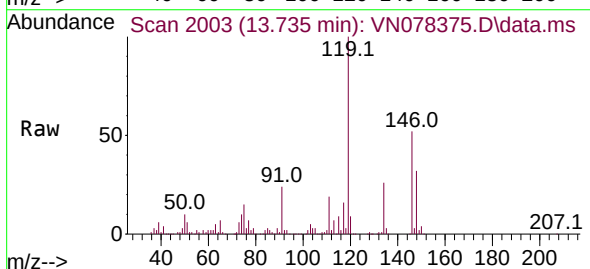
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

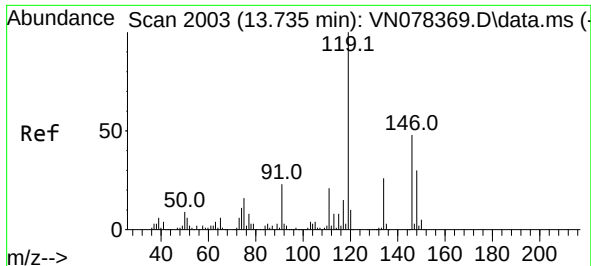
Tgt Ion:105 Resp: 345640
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.978 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078375.D
 Acq: 23 Jun 2023 13:54

Tgt Ion:119 Resp: 273568
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.4
 91 24.7 0.0 48.2

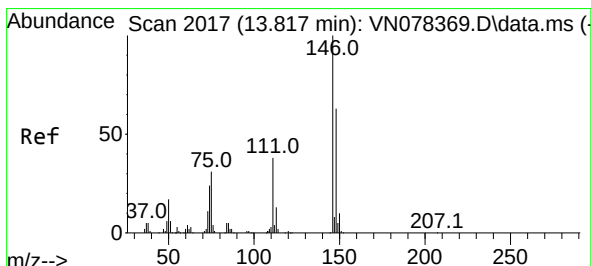
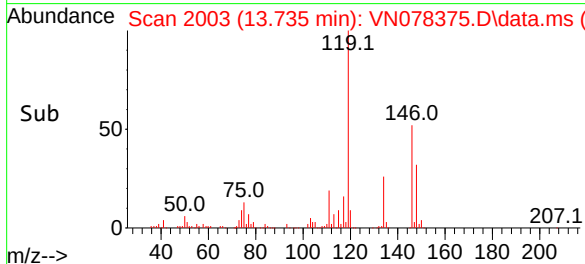
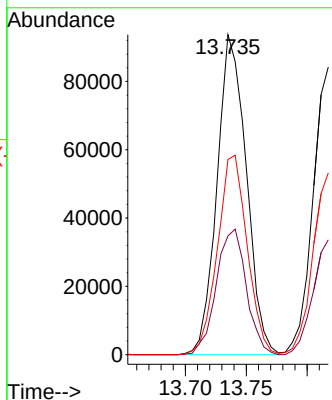
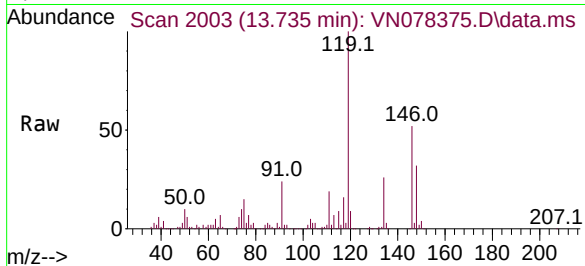




#83
1,3-Dichlorobenzene
Concen: 20.679 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

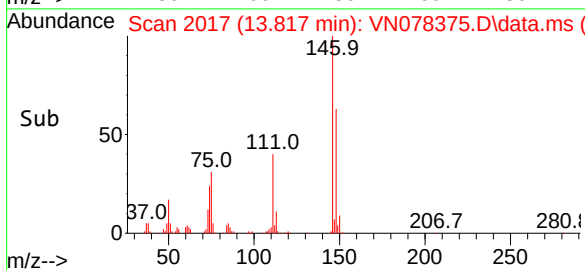
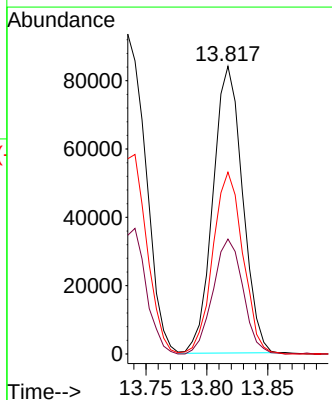
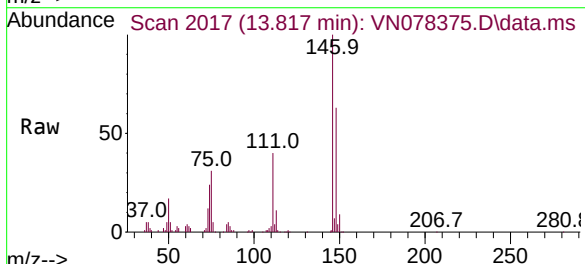
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

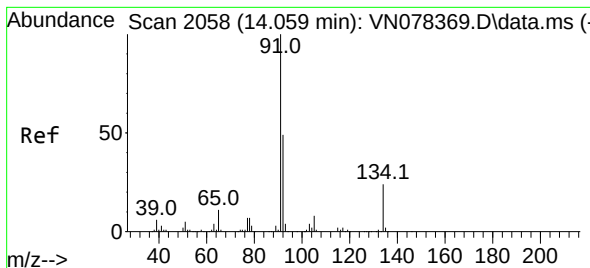
Tgt Ion:146 Resp: 156767
Ion Ratio Lower Upper
146 100
111 40.2 21.6 64.6
148 63.4 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 19.418 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion:146 Resp: 142326
Ion Ratio Lower Upper
146 100
111 40.6 19.4 58.2
148 64.4 31.4 94.3





#85

n-Butylbenzene

Concen: 19.301 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

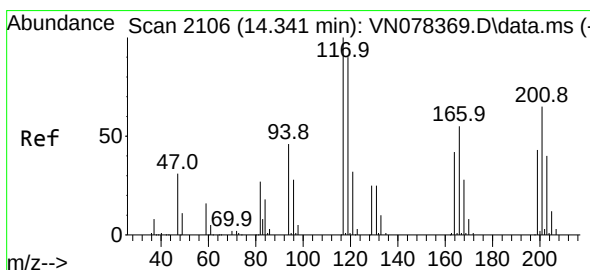
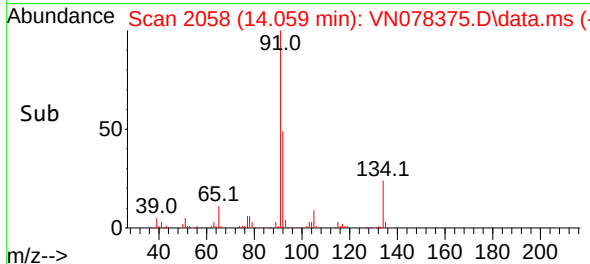
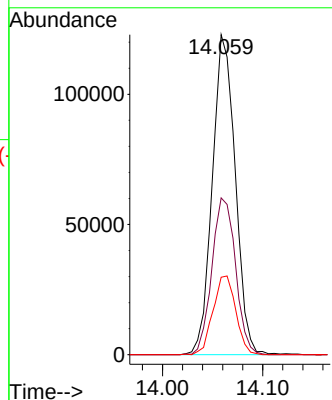
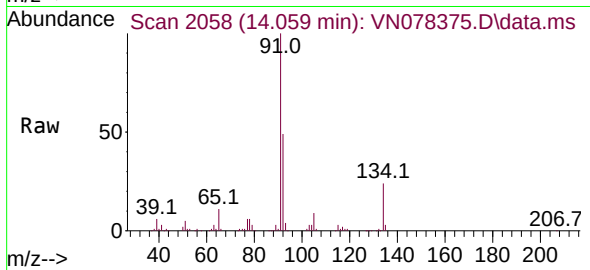
Tgt Ion: 91 Resp: 195221

Ion Ratio Lower Upper

91 100

92 50.5 0.0 99.6

134 24.4 0.0 50.0



#86

Hexachloroethane

Concen: 19.296 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN078375.D

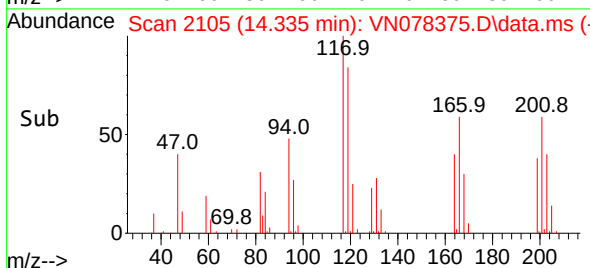
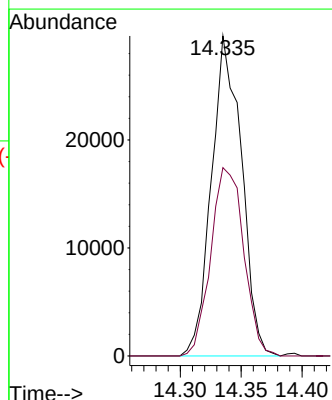
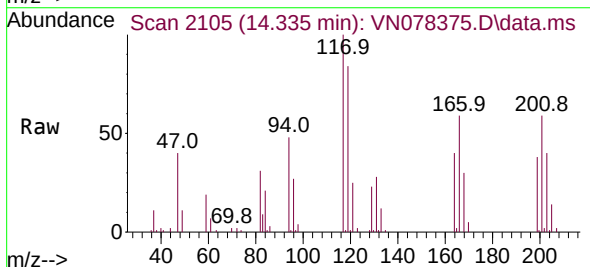
Acq: 23 Jun 2023 13:54

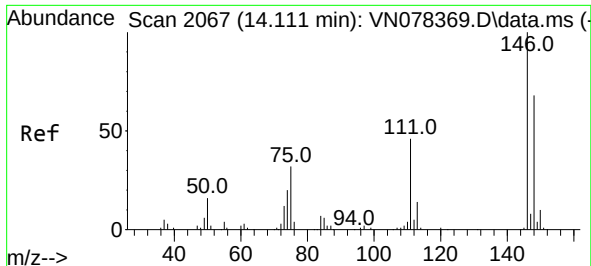
Tgt Ion: 117 Resp: 50855

Ion Ratio Lower Upper

117 100

201 64.4 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 20.357 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

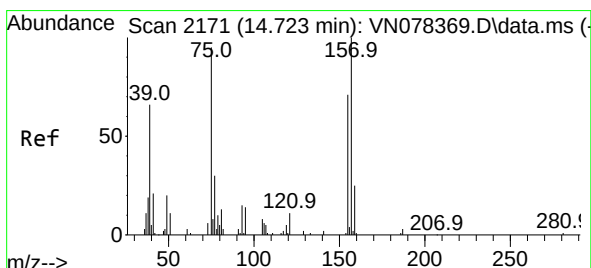
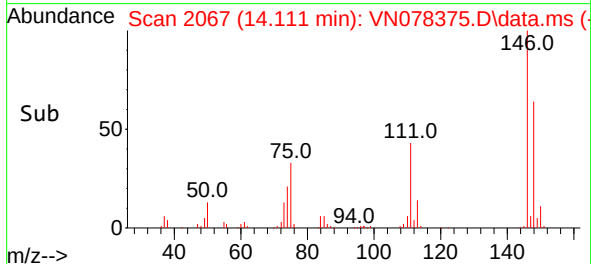
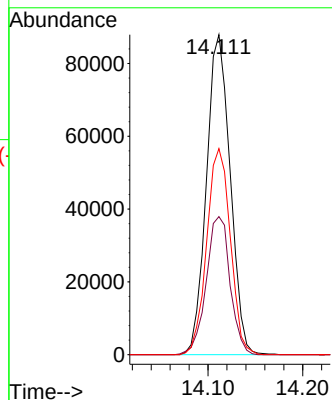
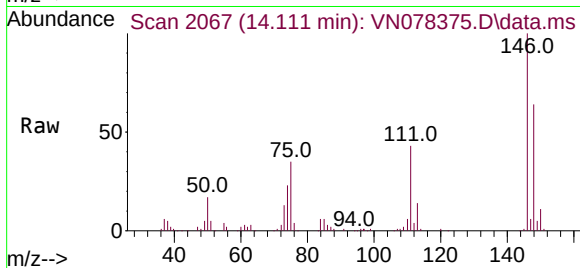
Tgt Ion:146 Resp: 152975

Ion Ratio Lower Upper

146 100

111 43.3 22.4 67.3

148 64.1 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.192 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

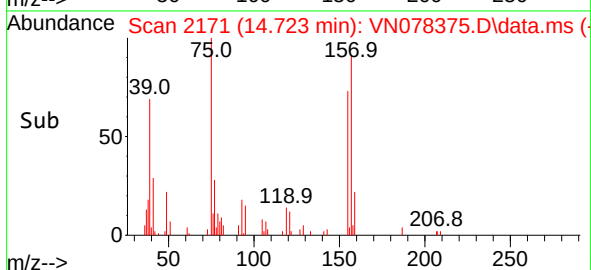
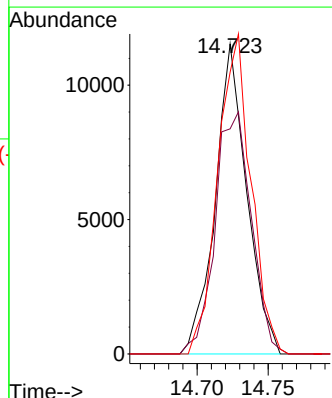
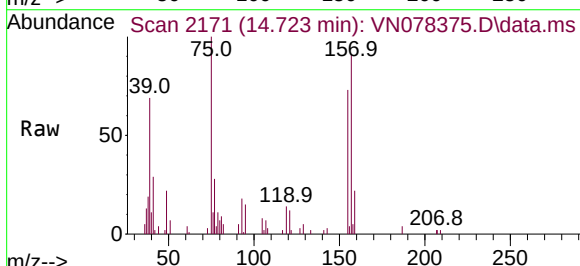
Tgt Ion: 75 Resp: 17833

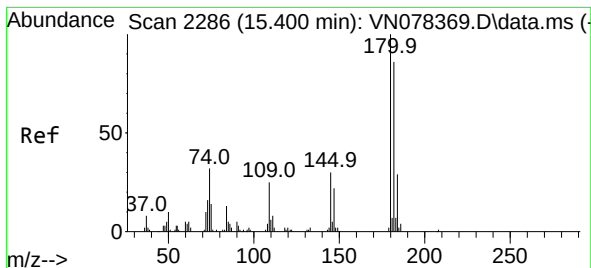
Ion Ratio Lower Upper

75 100

155 89.4 68.2 102.2

157 108.4 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 17.520 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

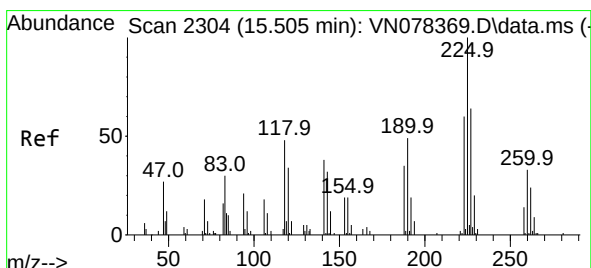
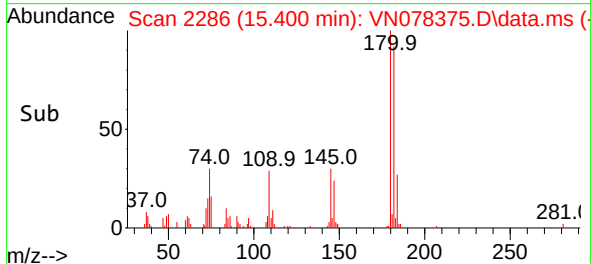
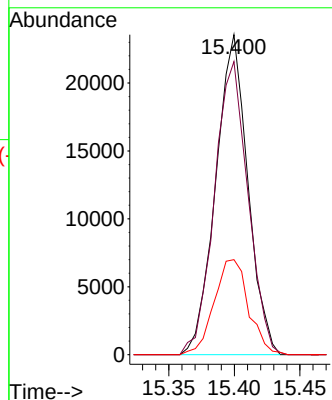
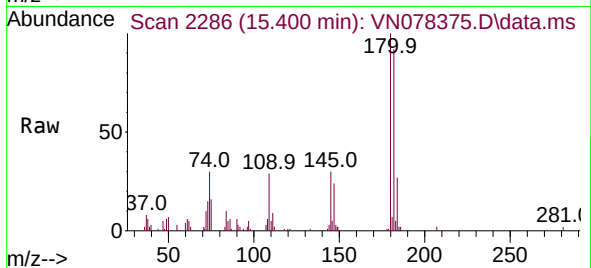
Tgt Ion:180 Resp: 40144

Ion Ratio Lower Upper

180 100

182 95.5 73.7 110.5

145 31.8 25.0 37.6



#90

Hexachlorobutadiene

Concen: 17.851 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN078375.D

Acq: 23 Jun 2023 13:54

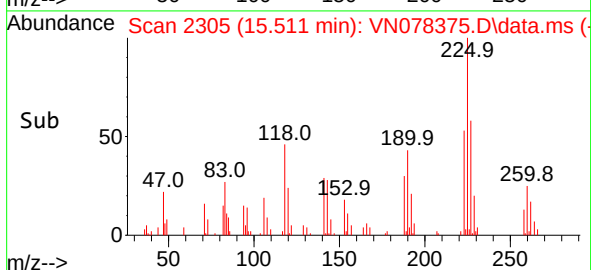
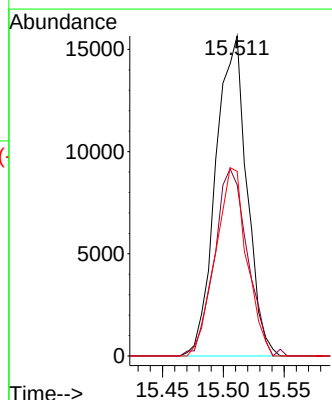
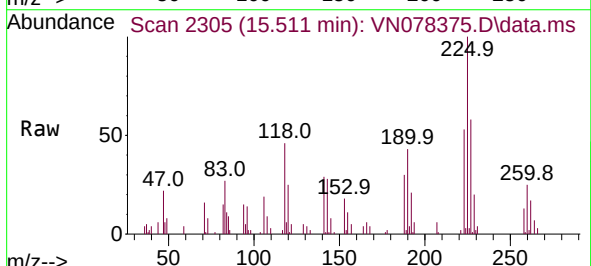
Tgt Ion:225 Resp: 27808

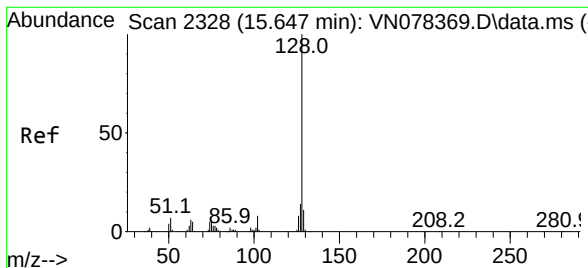
Ion Ratio Lower Upper

225 100

223 62.1 0.0 130.0

227 59.4 0.0 124.0

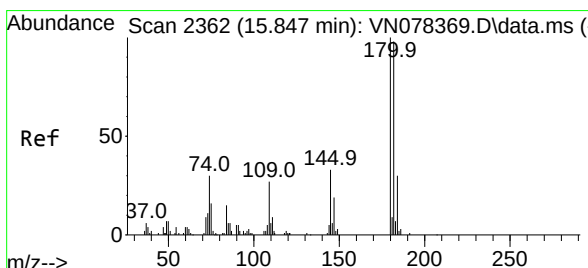
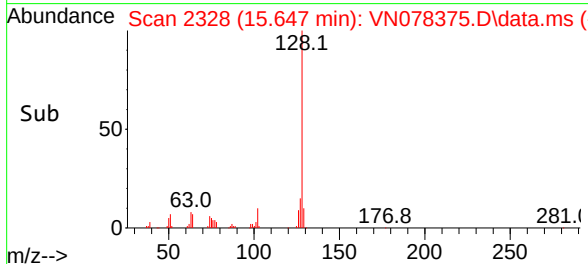
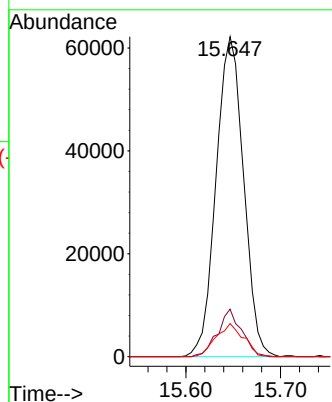
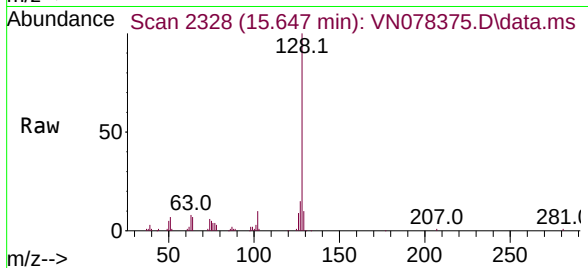




#91
Naphthalene
Concen: 16.698 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

Tgt Ion:128 Resp: 125365
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.3 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 18.486 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078375.D
Acq: 23 Jun 2023 13:54

Tgt Ion:180 Resp: 49002
Ion Ratio Lower Upper
180 100
182 93.9 0.0 196.4
145 33.1 0.0 71.0

