

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078190.D
 Acq On : 13 Jun 2023 17:20
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 14 02:22:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	469864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	830046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	744134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	299703	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	345203	55.103	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.200%	
35) Dibromofluoromethane	8.177	113	293701	55.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.920%	
50) Toluene-d8	10.571	98	1108994	54.812	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.620%	
62) 4-Bromofluorobenzene	12.853	95	360040	57.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	246225	46.359	ug/l	93
3) Chloromethane	2.371	50	254817	51.034	ug/l	98
4) Vinyl Chloride	2.518	62	346688	49.848	ug/l	95
5) Bromomethane	2.948	94	250165	47.595	ug/l	98
6) Chloroethane	3.118	64	237008	49.990	ug/l	99
7) Trichlorofluoromethane	3.501	101	464762	49.278	ug/l	97
8) Diethyl Ether	3.971	74	165860	50.050	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	250342	50.295	ug/l	96
10) Methyl Iodide	4.601	142	363722	51.672	ug/l	97
11) Tert butyl alcohol	5.530	59	236296	273.165	ug/l	100
12) 1,1-Dichloroethene	4.348	96	247482	48.233	ug/l	94
13) Acrolein	4.189	56	245898	257.924	ug/l	97
14) Allyl chloride	5.030	41	360309	57.527	ug/l	95
15) Acrylonitrile	5.730	53	614008	275.318	ug/l	100
16) Acetone	4.442	43	479618	265.979	ug/l	90
17) Carbon Disulfide	4.718	76	632093	47.862	ug/l	97
18) Methyl Acetate	5.036	43	439237	52.908	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	868816	53.072	ug/l	97
20) Methylene Chloride	5.283	84	286759	48.124	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	273149	49.358	ug/l	90
22) Diisopropyl ether	6.683	45	816049	55.390	ug/l #	92
23) Vinyl Acetate	6.612	43	2425032	276.900	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	510623	52.539	ug/l	98
25) 2-Butanone	7.489	43	780210	281.363	ug/l	90
26) 2,2-Dichloropropane	7.500	77	441766	61.560	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	329233	49.876	ug/l	93
28) Bromochloromethane	7.818	49	251501	56.361	ug/l	93
29) Tetrahydrofuran	7.841	42	517002	278.897	ug/l	85
30) Chloroform	7.971	83	565182	54.004	ug/l	96
31) Cyclohexane	8.259	56	396330	49.318	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	495970	53.980	ug/l	98
36) 1,1-Dichloropropene	8.383	75	404220	53.695	ug/l	98
37) Ethyl Acetate	7.571	43	335565	57.060	ug/l	95
38) Carbon Tetrachloride	8.371	117	437726	55.068	ug/l	99
39) Methylcyclohexane	9.606	83	374214	47.967	ug/l	96
40) Benzene	8.612	78	1199254	53.361	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	176108	55.247	ug/l	91
42) 1,2-Dichloroethane	8.677	62	420760	54.603	ug/l	97
43) Isopropyl Acetate	8.694	43	576491	51.258	ug/l	95
44) Trichloroethene	9.359	130	308083	51.908	ug/l	98
45) 1,2-Dichloropropane	9.630	63	306398	54.796	ug/l	93
46) Dibromomethane	9.712	93	214703	52.130	ug/l	93
47) Bromodichloromethane	9.894	83	440624	57.595	ug/l	97
48) Methyl methacrylate	9.688	41	269688	57.139	ug/l	90
49) 1,4-Dioxane	9.700	88	111759	1126.593	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	1735653	293.060	ug/l	93
52) Toluene	10.635	92	765398	53.940	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	469611	58.941	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	502697	57.076	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	303548	56.550	ug/l	97
56) Ethyl methacrylate	10.882	69	455861	58.324	ug/l	91
57) 1,3-Dichloropropane	11.171	76	509582	56.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	942969	298.654	ug/l	92
59) 2-Hexanone	11.200	43	1231774	298.699	ug/l	92
60) Dibromochloromethane	11.365	129	338660	57.656	ug/l	100
61) 1,2-Dibromoethane	11.477	107	310175	55.063	ug/l	99
64) Tetrachloroethene	11.112	164	254881	51.342	ug/l	99
65) Chlorobenzene	11.900	112	823027	51.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	311644	53.170	ug/l	99
67) Ethyl Benzene	11.971	91	1467700	53.376	ug/l	99
68) m/p-Xylenes	12.076	106	1102718	105.228	ug/l	97
69) o-Xylene	12.406	106	544570	52.918	ug/l	97
70) Styrene	12.418	104	885023	54.628	ug/l	98
71) Bromoform	12.582	173	216992	57.367	ug/l #	100
73) Isopropylbenzene	12.700	105	1337625	47.198	ug/l	99
74) N-amyl acetate	12.500	43	473212	50.704	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	422930	54.476	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	521981	73.673	ug/l	71
77) Bromobenzene	12.988	156	319540	48.570	ug/l	98
78) n-propylbenzene	13.041	91	1510955	49.070	ug/l	100
79) 2-Chlorotoluene	13.129	91	949451	47.769	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	1080666	47.097	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	151133	65.536	ug/l	92
82) 4-Chlorotoluene	13.229	91	915828	49.370	ug/l	99
83) tert-Butylbenzene	13.447	119	900898	45.168	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1073741	48.267	ug/l	99
85) sec-Butylbenzene	13.623	105	1155932	44.279	ug/l	99
86) p-Isopropyltoluene	13.735	119	960032	45.317	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	543908	48.876	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	527035	49.080	ug/l	100
89) n-Butylbenzene	14.065	91	749902	44.878	ug/l	99
90) Hexachloroethane	14.341	117	177102	47.107	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	535811	49.265	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	70694	50.360	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	193585	49.956	ug/l	98
94) Hexachlorobutadiene	15.512	225	87956	46.096	ug/l	99
95) Naphthalene	15.647	128	650352	49.893	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	201285	46.443	ug/l	97

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ALS Vial : 16 Sample Multiplier: 1

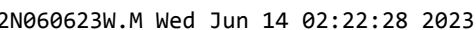
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MSVOA_N
ClientSampleId :
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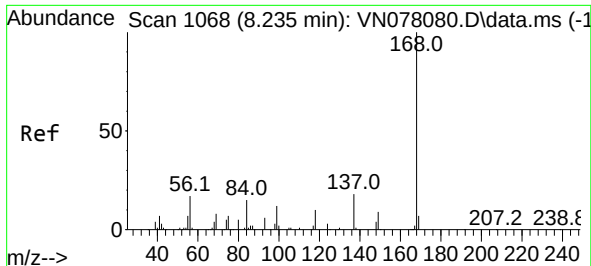
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QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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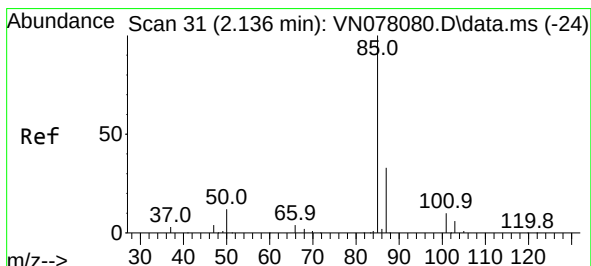
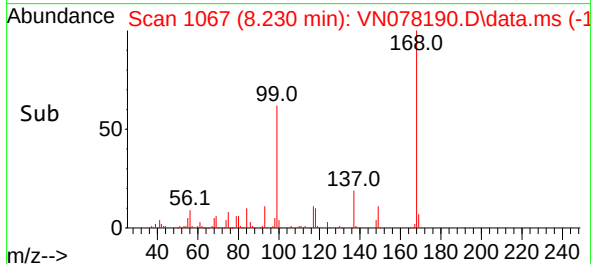
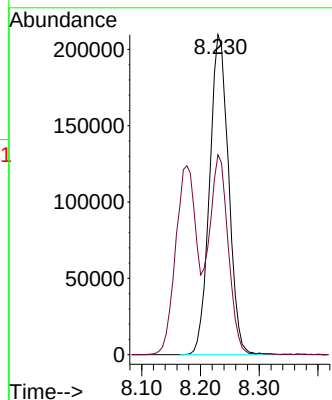
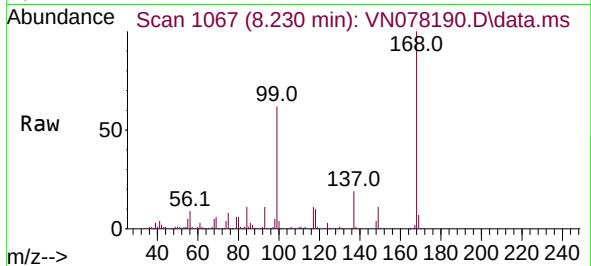




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN078190.D
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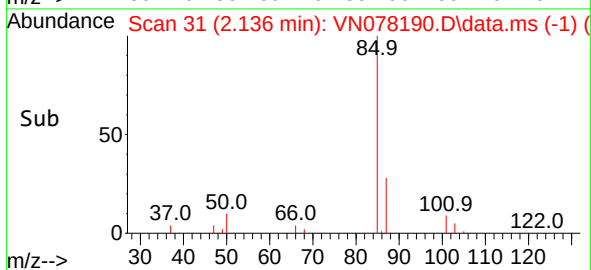
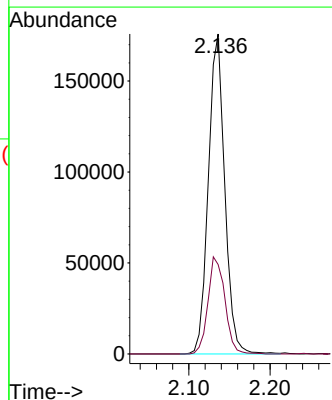
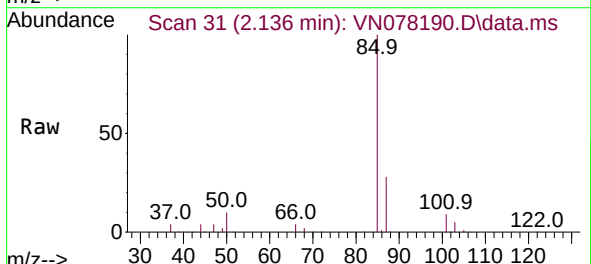
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

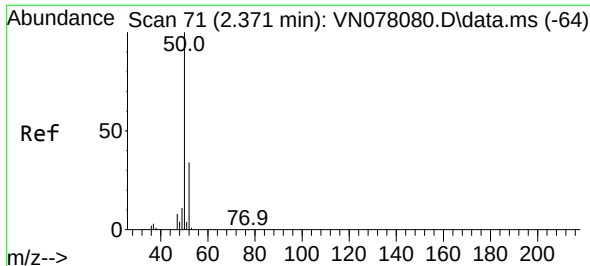
Tgt Ion:168 Resp: 469864
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 46.359 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 85 Resp: 246225
Ion Ratio Lower Upper
85 100
87 28.0 15.8 47.4

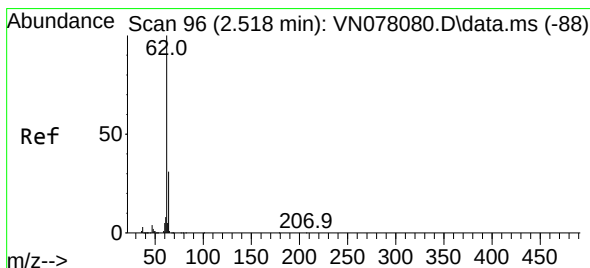
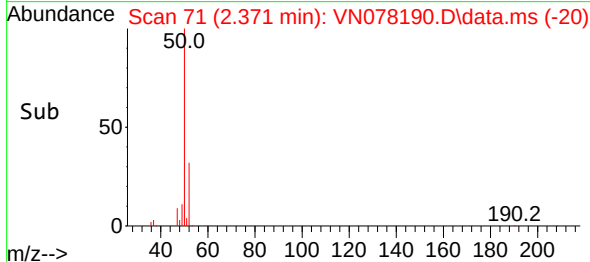
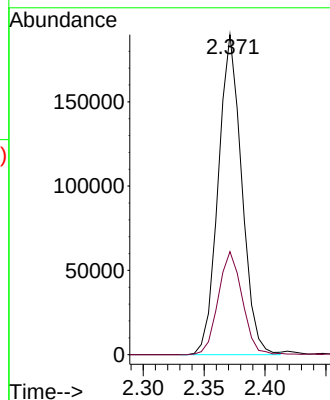
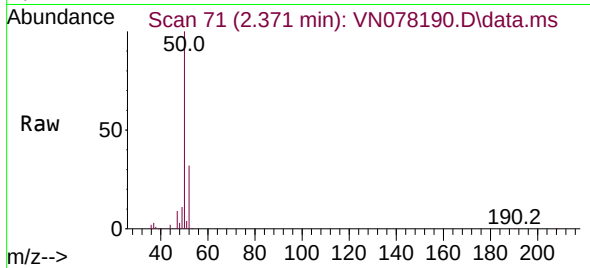




#3
Chloromethane
Concen: 51.034 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

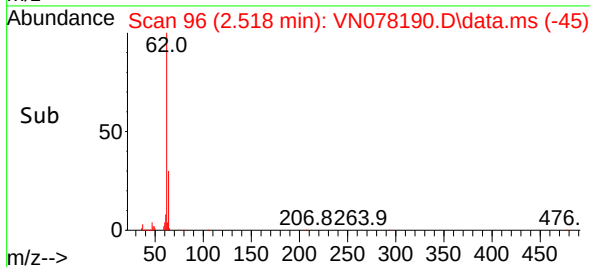
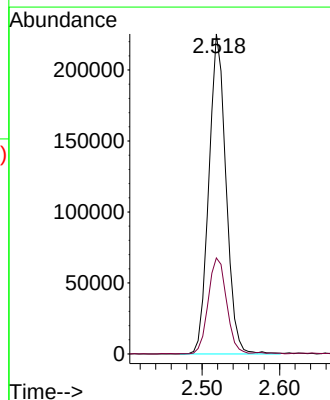
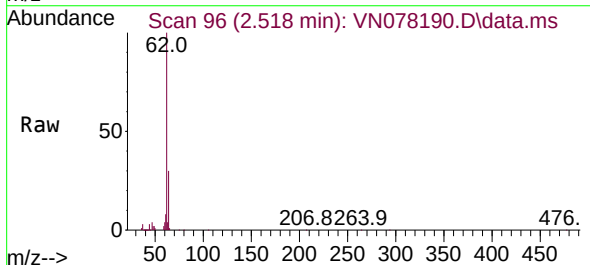
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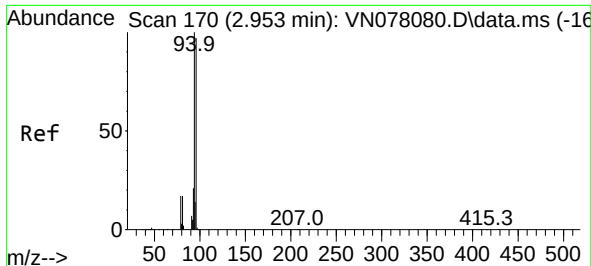
Tgt Ion: 50 Resp: 254817
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 49.848 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 62 Resp: 346688
Ion Ratio Lower Upper
62 100
64 29.9 26.2 39.2

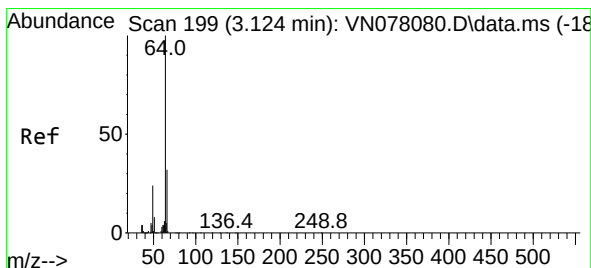
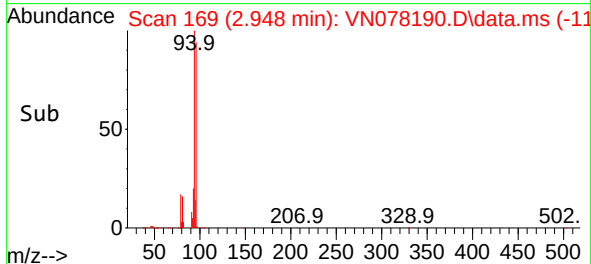
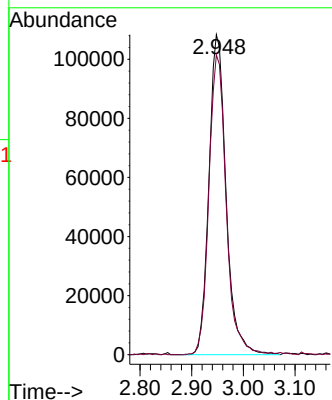
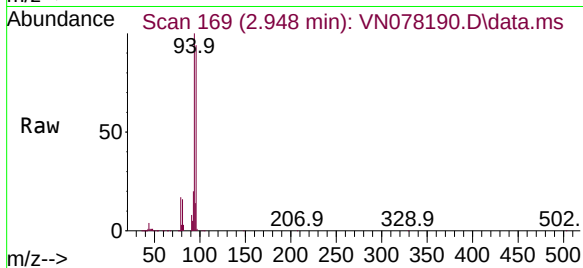




#5
Bromomethane
Concen: 47.595 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

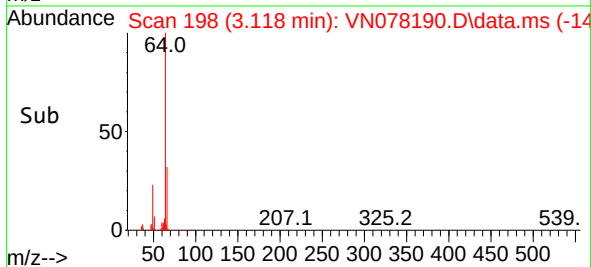
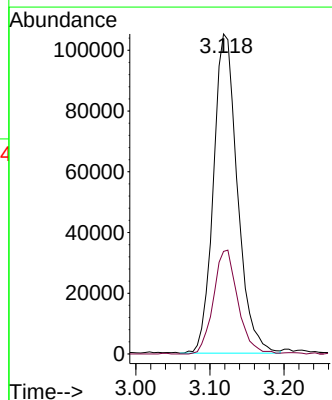
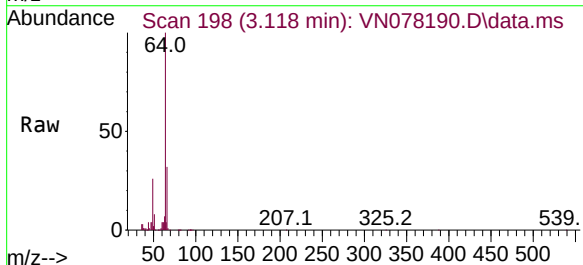
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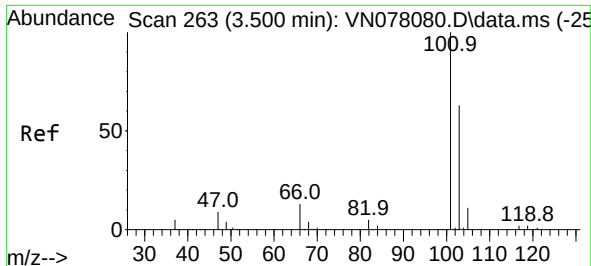
Tgt Ion: 94 Resp: 250165
Ion Ratio Lower Upper
94 100
96 93.7 73.1 109.7



#6
Chloroethane
Concen: 49.990 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 64 Resp: 237008
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2

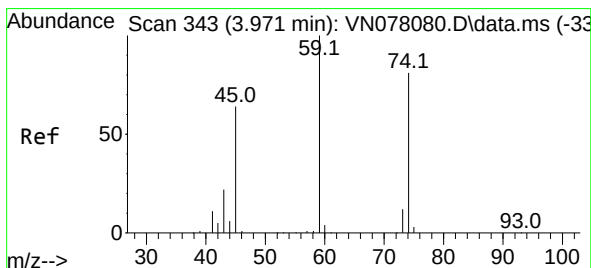
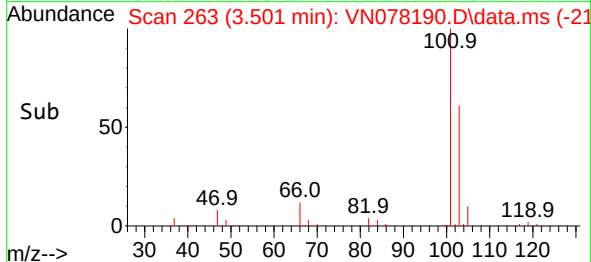
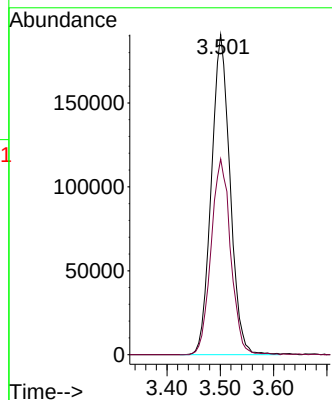
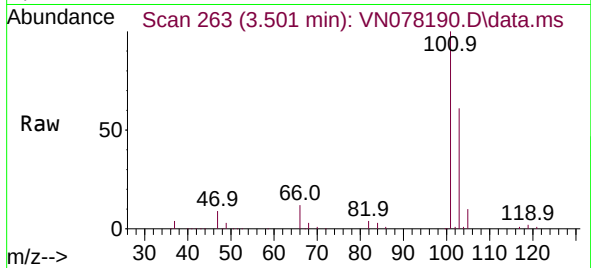




#7
 Trichlorofluoromethane
 Concen: 49.278 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

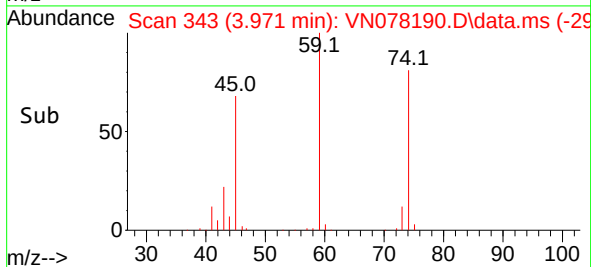
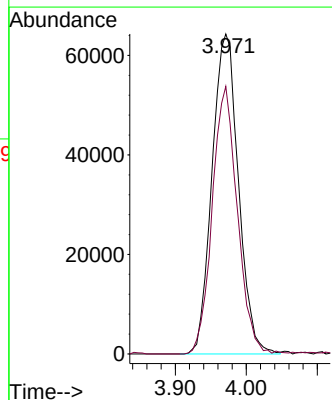
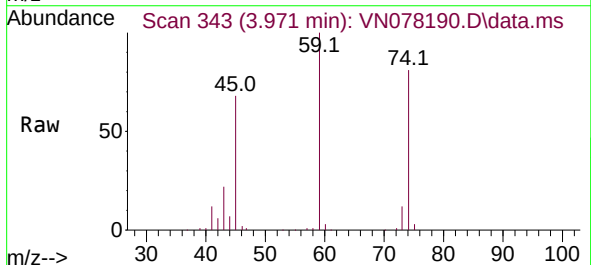
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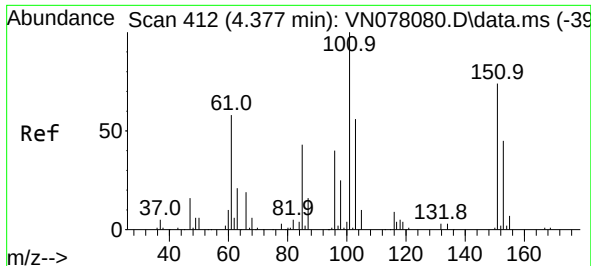
Tgt Ion:101 Resp: 464762
 Ion Ratio Lower Upper
 101 100
 103 61.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 50.050 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

Tgt Ion: 74 Resp: 165860
 Ion Ratio Lower Upper
 74 100
 45 79.6 34.4 103.3

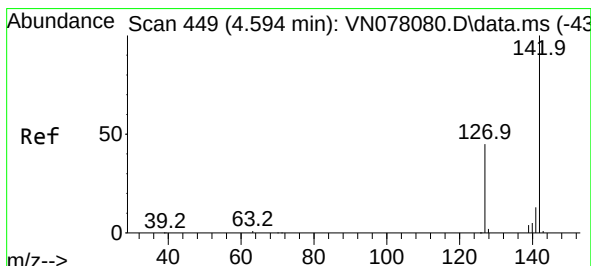
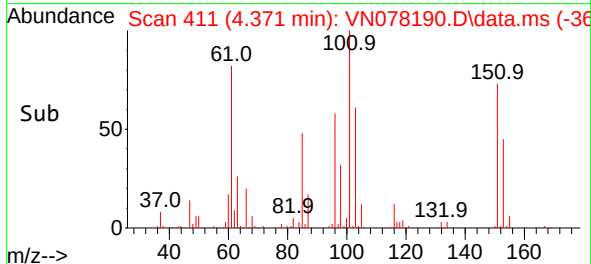
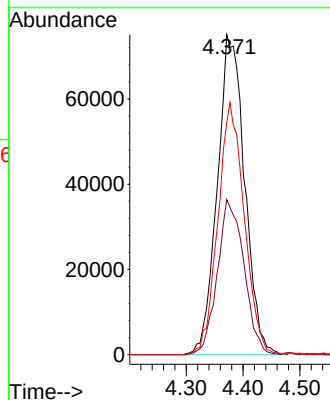
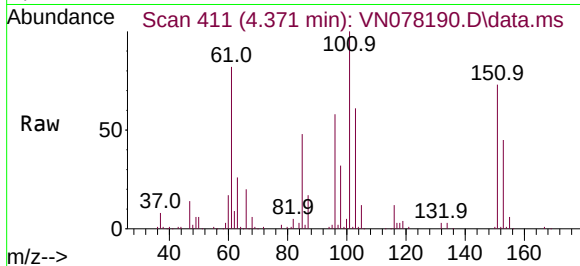




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.295 ug/l
RT: 4.371 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078190.D
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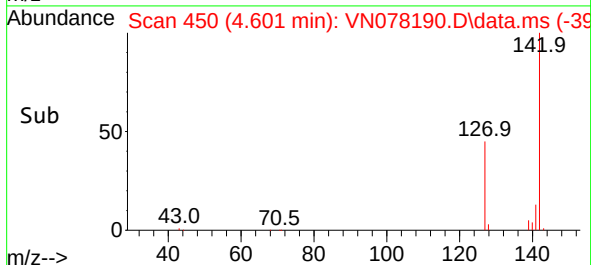
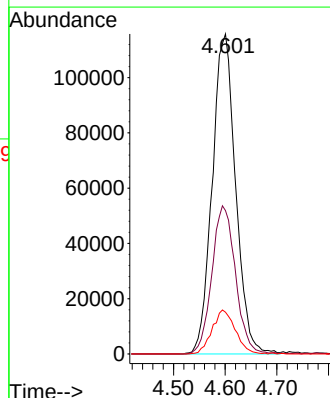
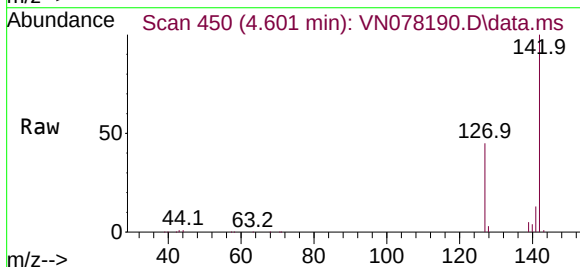
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

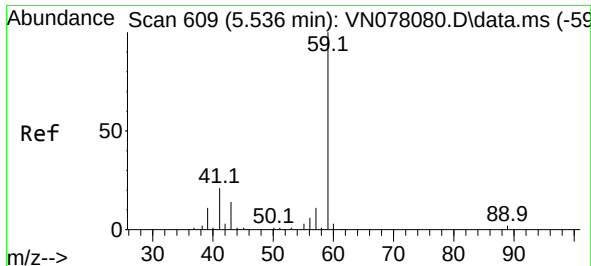
Tgt Ion:101 Resp: 250342
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 76.1 57.6 86.4



#10
Methyl Iodide
Concen: 51.672 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion:142 Resp: 363722
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 13.1 11.4 17.0

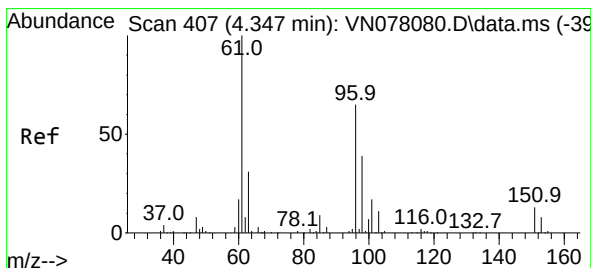
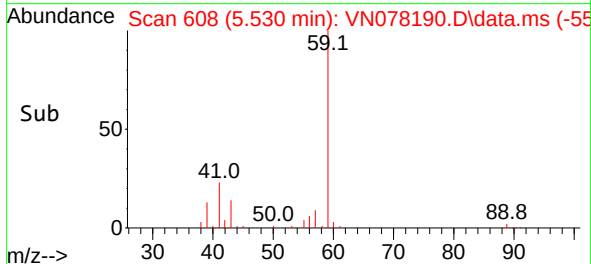
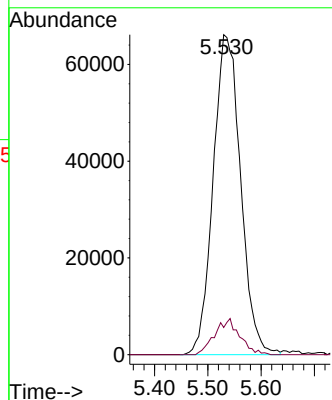
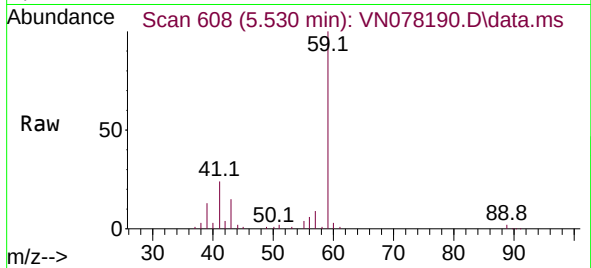




#11
Tert butyl alcohol
Concen: 273.165 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

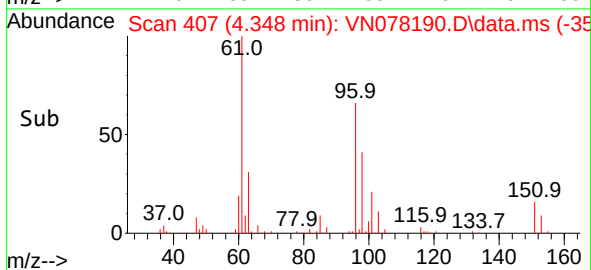
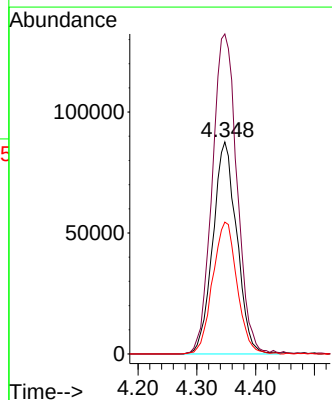
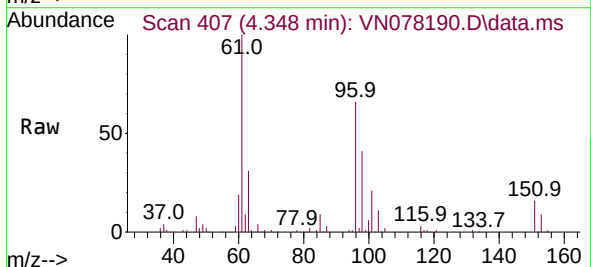
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

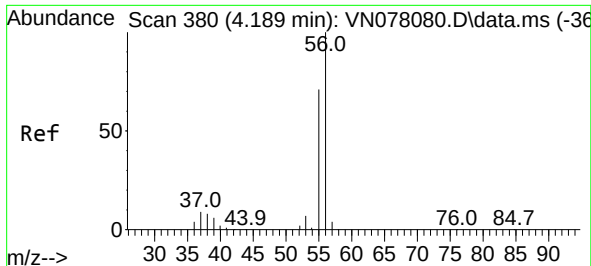
Tgt Ion: 59 Resp: 236296
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.233 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 96 Resp: 247482
Ion Ratio Lower Upper
96 100
61 150.9 112.7 169.1
98 62.2 51.2 76.8





#13

Acrolein

Concen: 257.924 ug/l

RT: 4.189 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

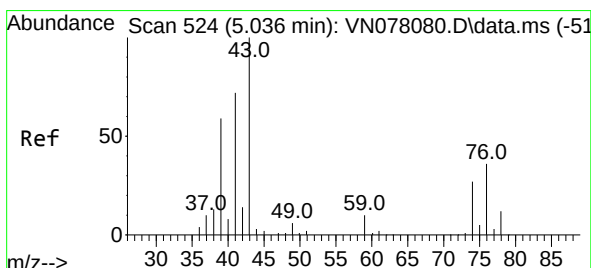
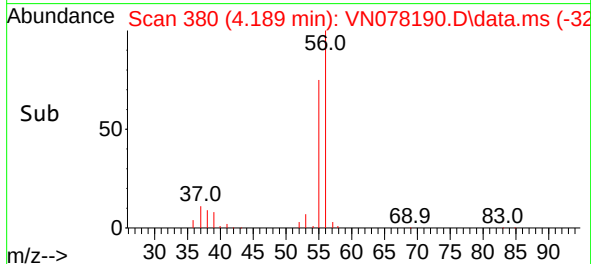
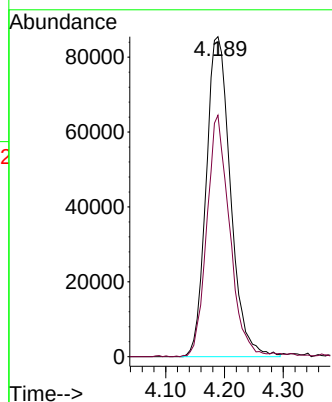
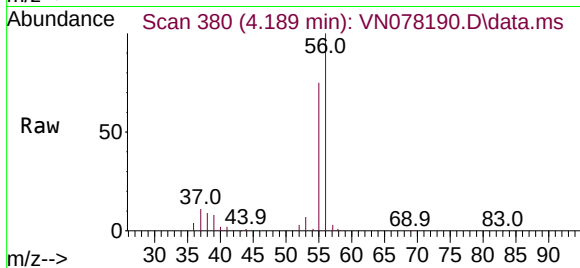
VSTDCCC050EC

Tgt Ion: 56 Resp: 245898

Ion Ratio Lower Upper

56 100

55 70.5 54.5 81.7



#14

Allyl chloride

Concen: 57.527 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

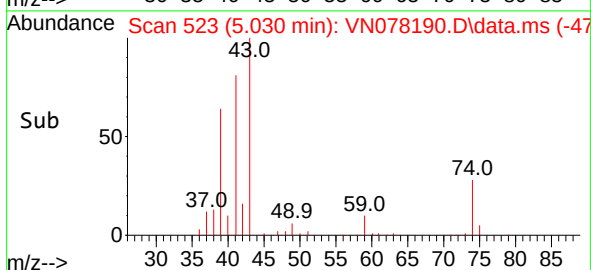
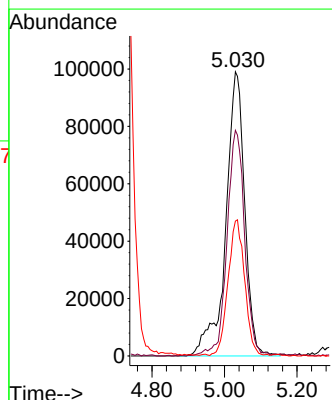
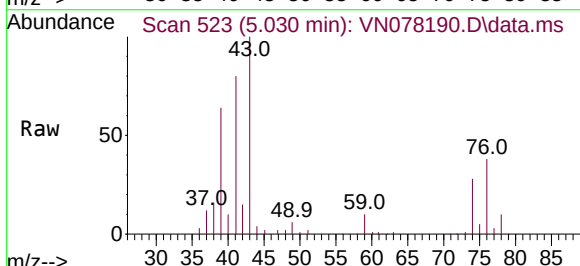
Tgt Ion: 41 Resp: 360309

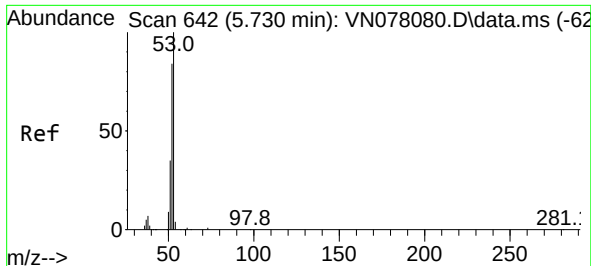
Ion Ratio Lower Upper

41 100

39 73.9 58.8 88.2

76 41.6 39.1 58.7

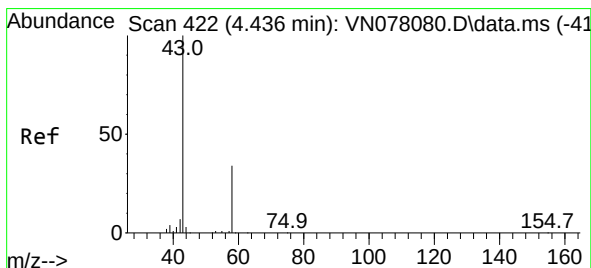
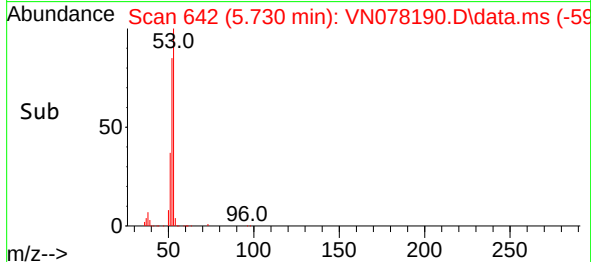
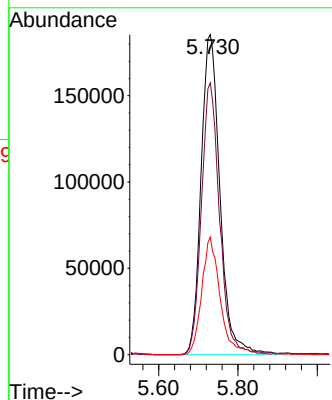
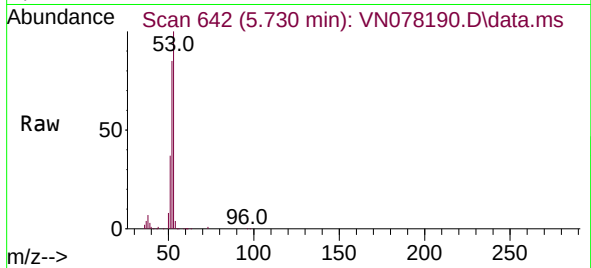




#15
Acrylonitrile
Concen: 275.318 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

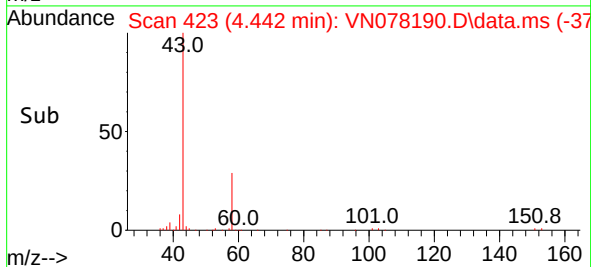
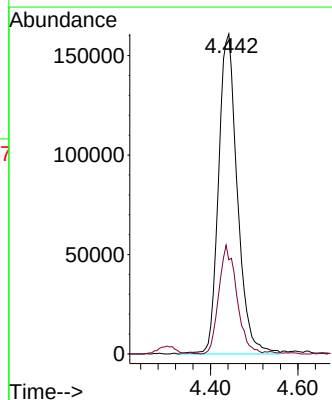
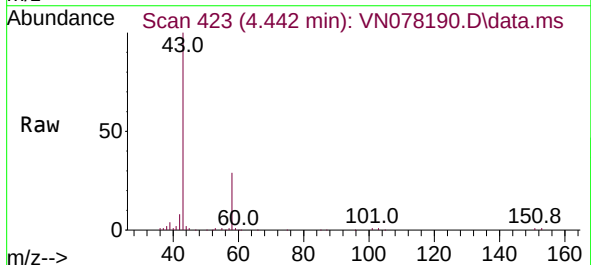
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

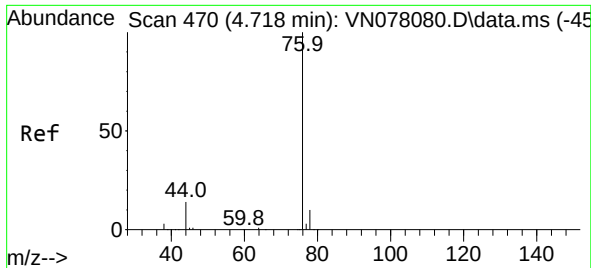
Tgt Ion: 53 Resp: 614008
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 36.0 28.9 43.3



#16
Acetone
Concen: 265.979 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 43 Resp: 479618
Ion Ratio Lower Upper
43 100
58 29.0 28.0 42.0

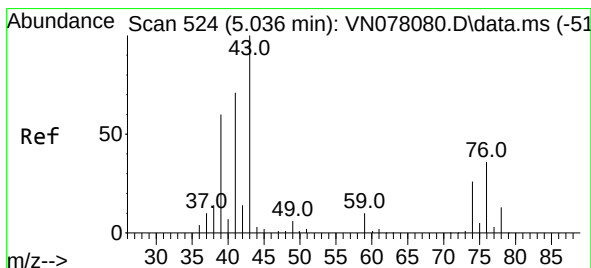
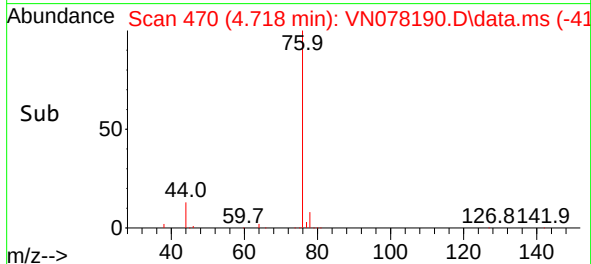
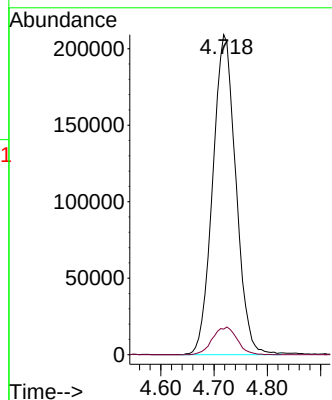
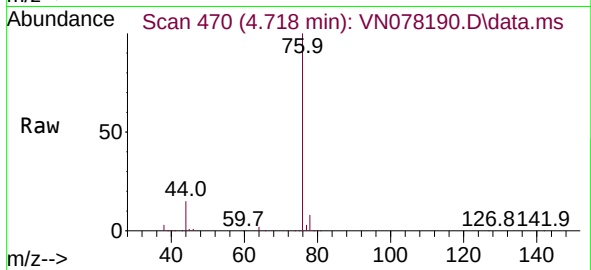




#17
Carbon Disulfide
Concen: 47.862 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

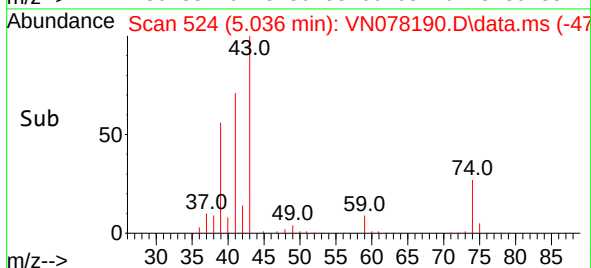
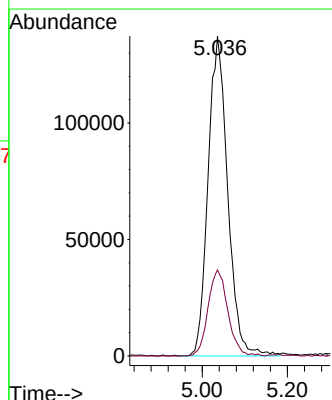
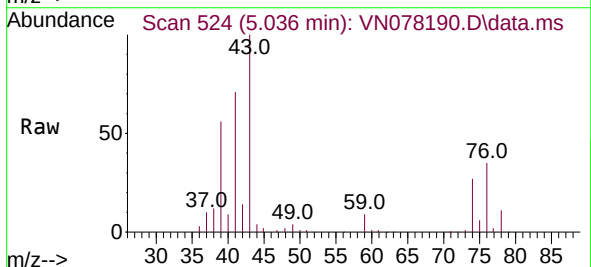
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

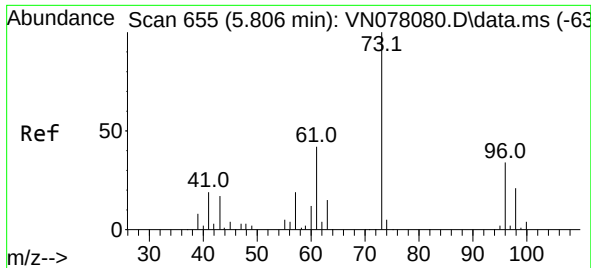
Tgt Ion: 76 Resp: 632093
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#18
Methyl Acetate
Concen: 52.908 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 43 Resp: 439237
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4

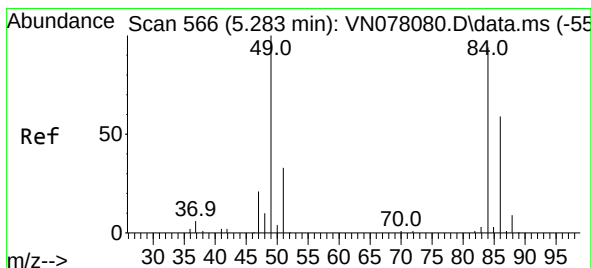
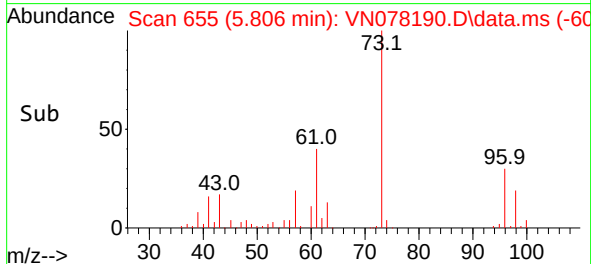
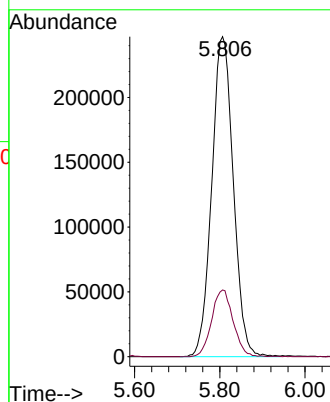
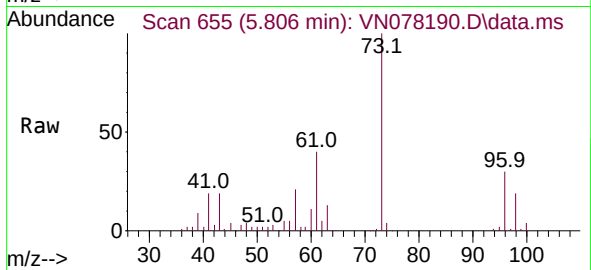




#19
Methyl tert-butyl Ether
Concen: 53.072 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

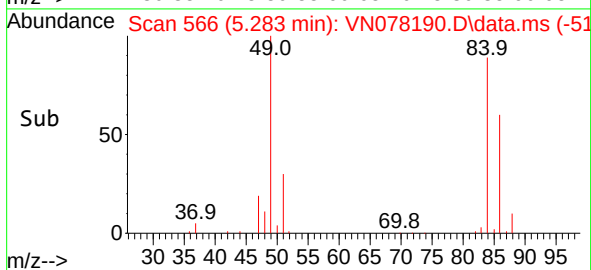
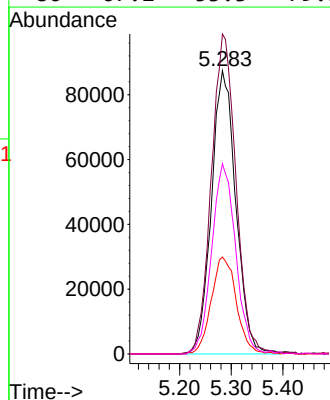
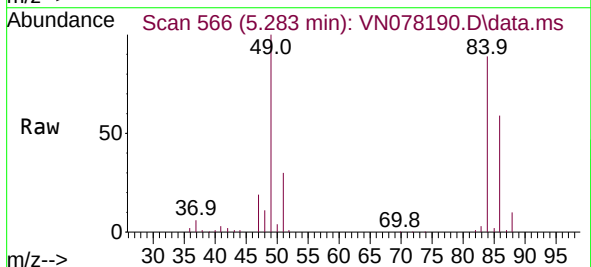
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

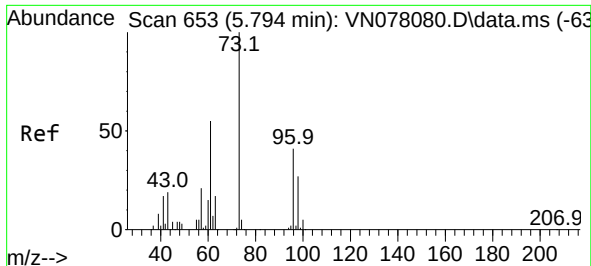
Tgt Ion: 73 Resp: 868816
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4



#20
Methylene Chloride
Concen: 48.124 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 84 Resp: 286759
Ion Ratio Lower Upper
84 100
49 113.0 79.7 119.5
51 34.3 25.2 37.8
86 67.2 53.3 79.9

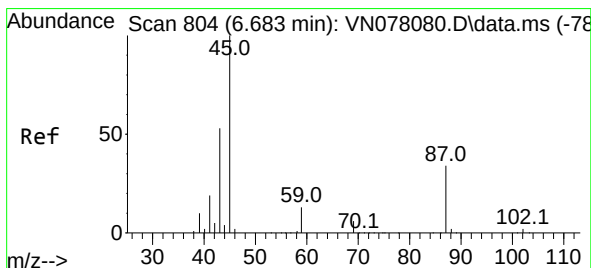
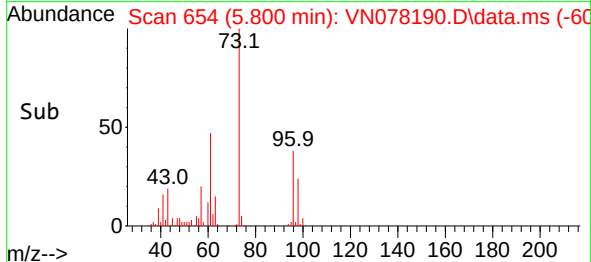
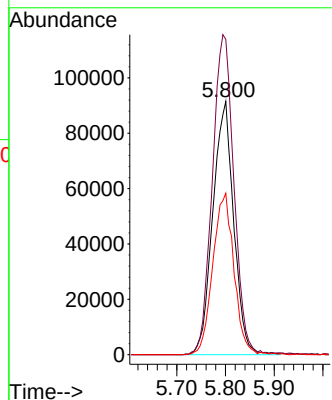
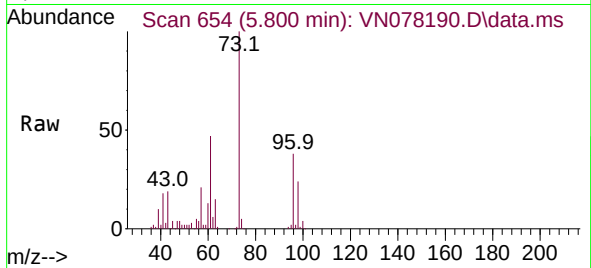




#21
trans-1,2-Dichloroethene
Concen: 49.358 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

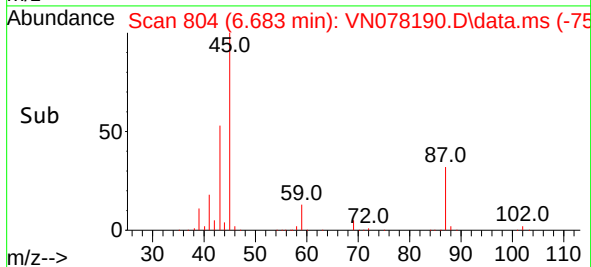
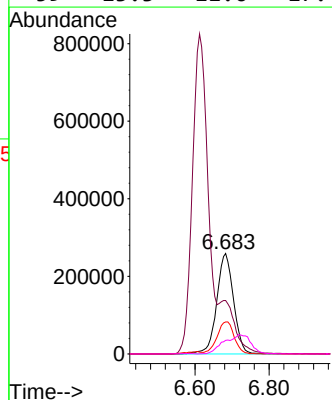
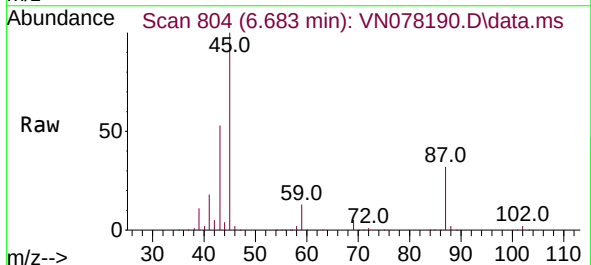
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

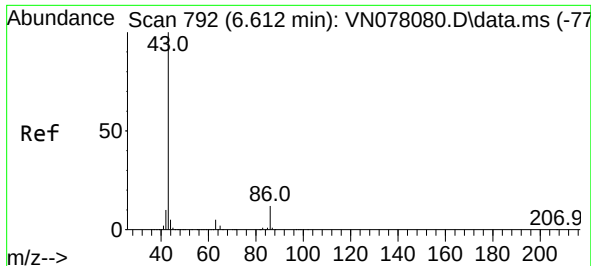
Tgt Ion: 96 Resp: 273149
Ion Ratio Lower Upper
96 100
61 124.5 90.1 135.1
98 63.7 46.4 69.6



#22
Diisopropyl ether
Concen: 55.390 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 45 Resp: 816049
Ion Ratio Lower Upper
45 100
43 52.4 45.5 68.3
87 31.7 31.8 47.8#
59 13.3 11.6 17.4

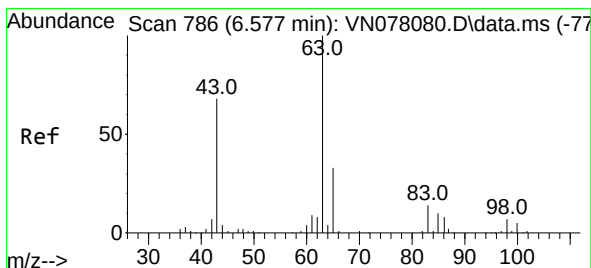
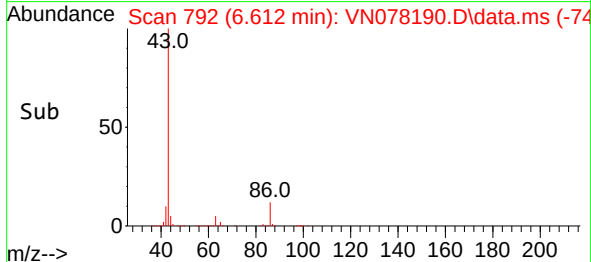
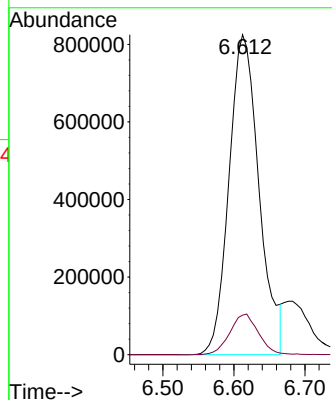
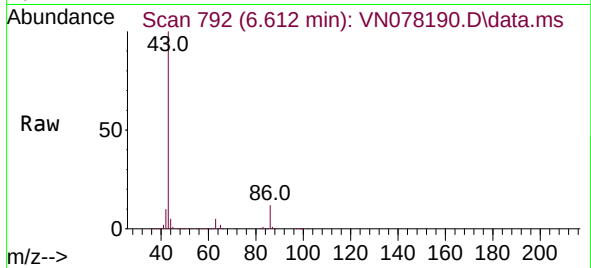




#23
 Vinyl Acetate
 Concen: 276.900 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

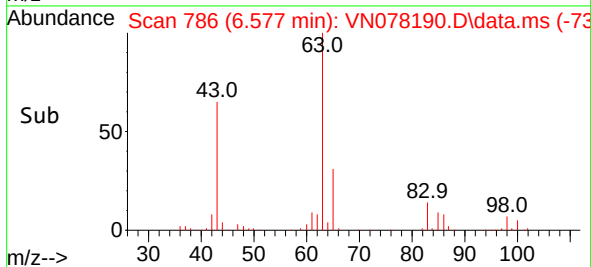
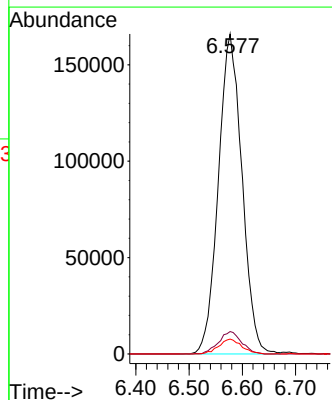
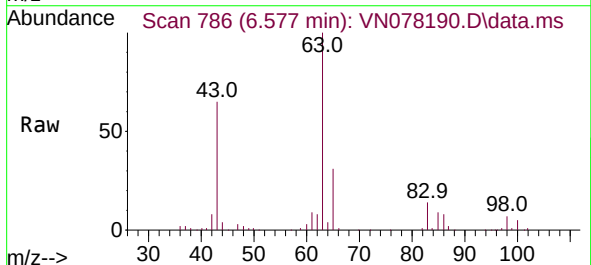
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

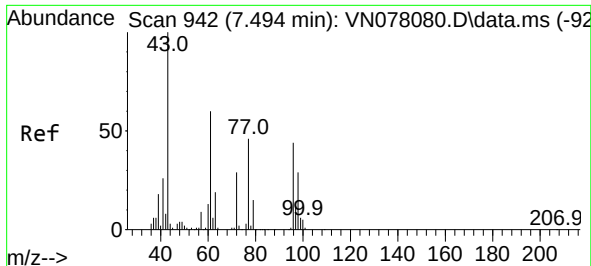
Tgt Ion: 43 Resp: 2425032
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 52.539 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

Tgt Ion: 63 Resp: 510623
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.7 2.5 7.4

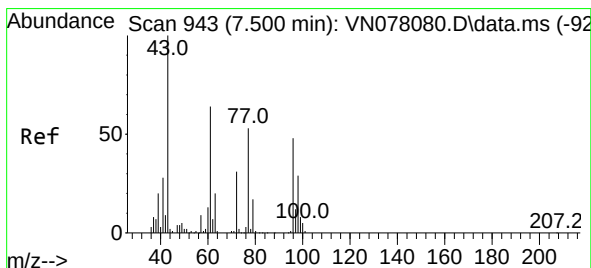
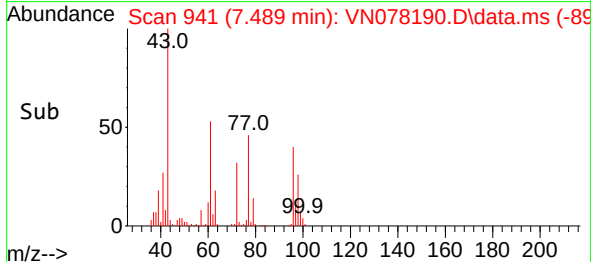
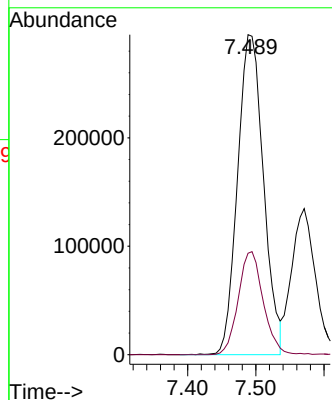
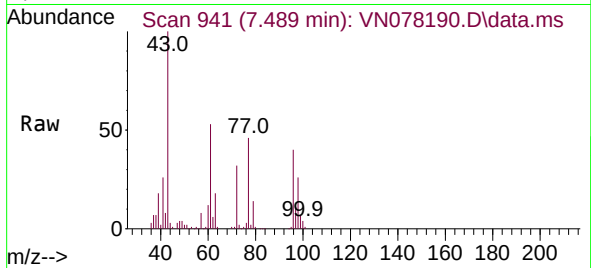




#25
2-Butanone
Concen: 281.363 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

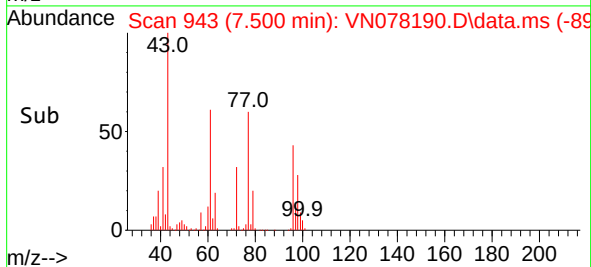
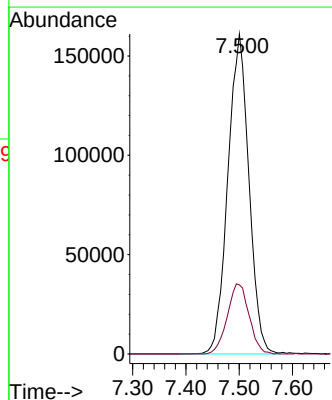
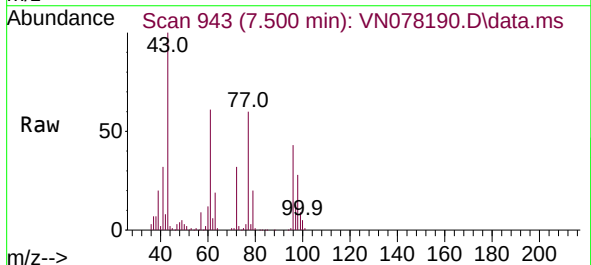
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

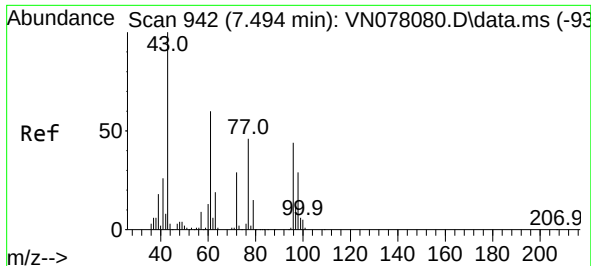
Tgt Ion: 43 Resp: 780210
Ion Ratio Lower Upper
43 100
72 31.7 30.2 45.2



#26
2,2-Dichloropropane
Concen: 61.560 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 77 Resp: 441766
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6



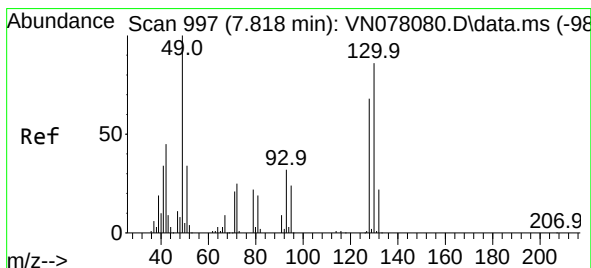
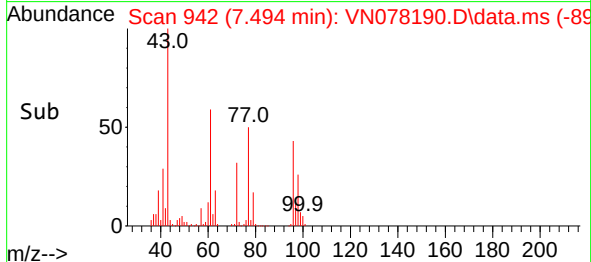
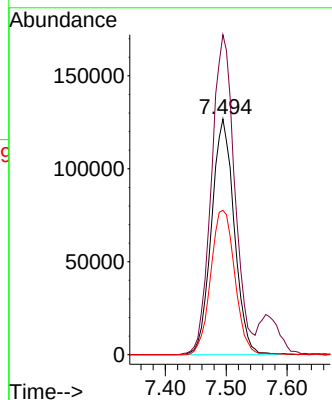
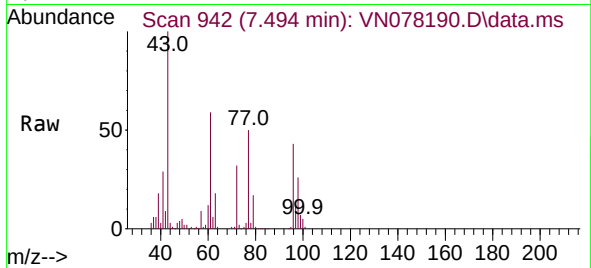


#27
 cis-1,2-Dichloroethene
 Concen: 49.876 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 329233

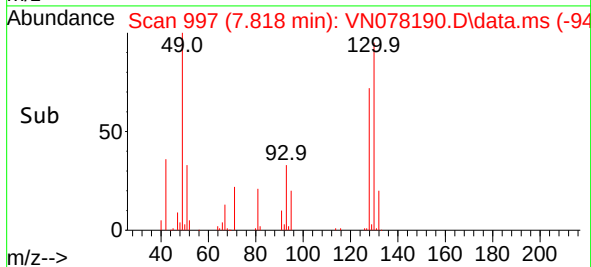
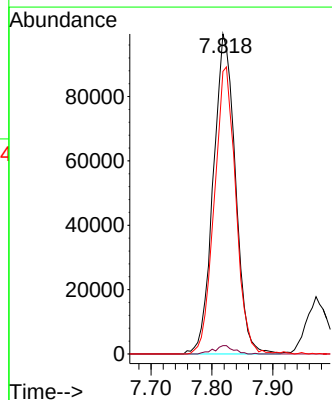
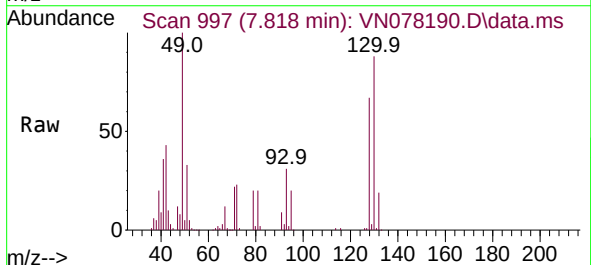
Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	255.2
98	65.1	0.0	128.8

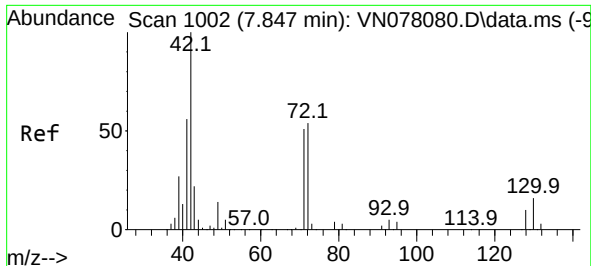


#28
 Bromochloromethane
 Concen: 56.361 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

Tgt Ion: 49 Resp: 251501

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	86.8	75.3	112.9





#29

Tetrahydrofuran

Concen: 278.897 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

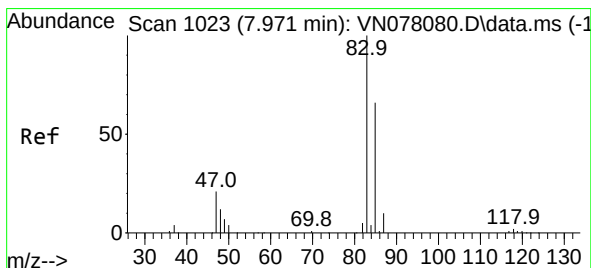
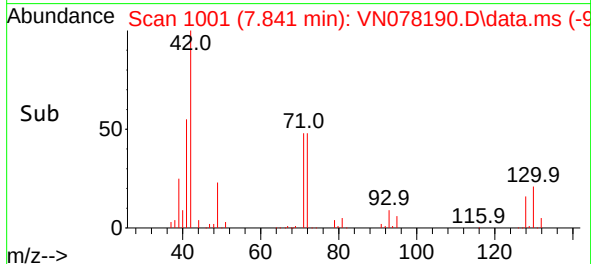
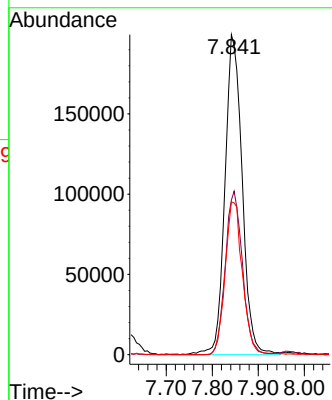
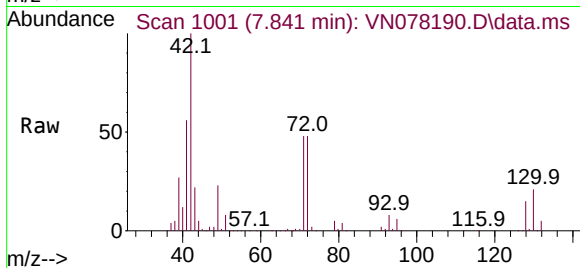
Tgt Ion: 42 Resp: 517002

Ion Ratio Lower Upper

42 100

72 50.6 49.8 74.6

71 48.1 47.4 71.2



#30

Chloroform

Concen: 54.004 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078190.D

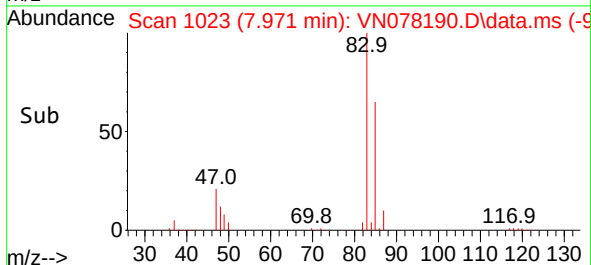
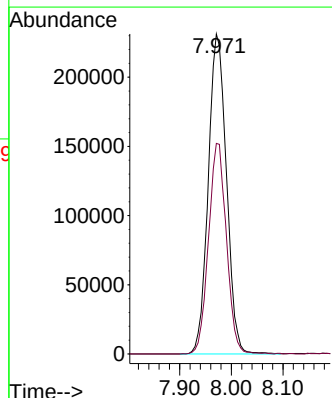
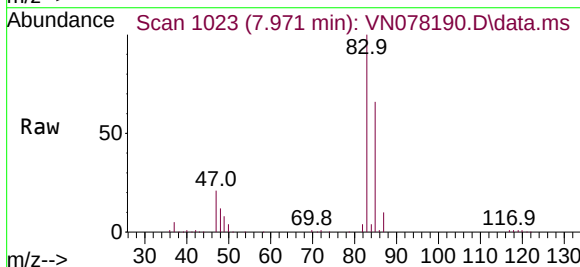
Acq: 13 Jun 2023 17:20

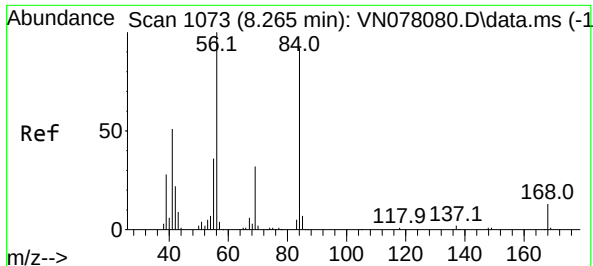
Tgt Ion: 83 Resp: 565182

Ion Ratio Lower Upper

83 100

85 65.8 55.4 83.0

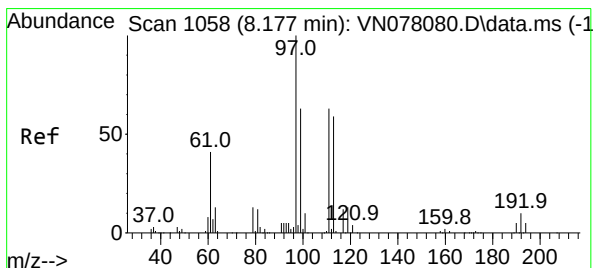
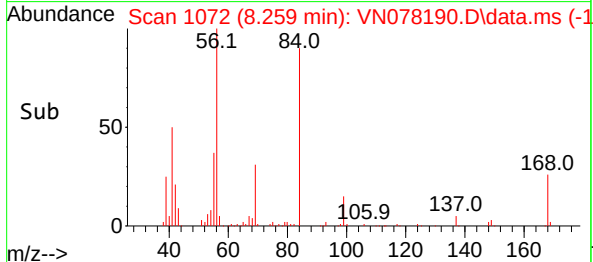
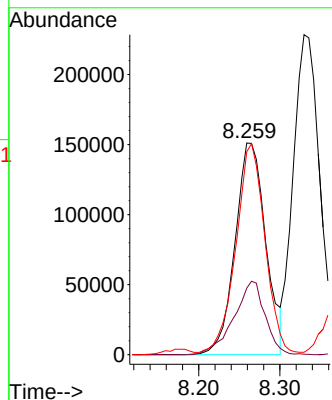
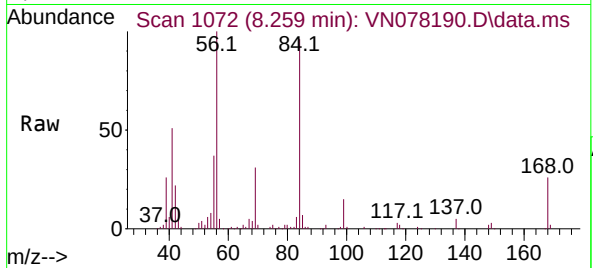




#31
Cyclohexane
Concen: 49.318 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

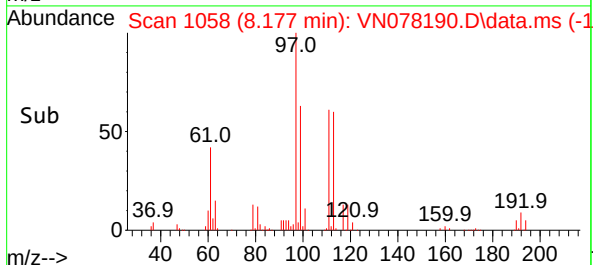
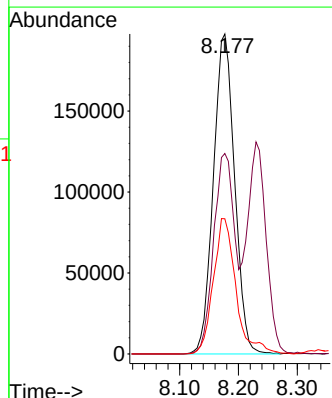
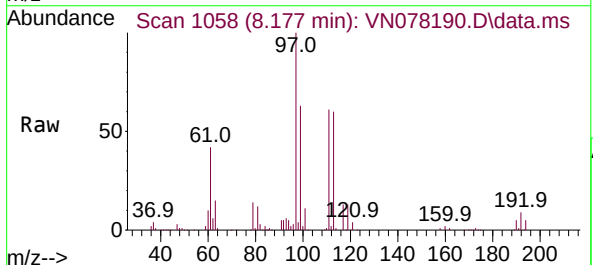
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

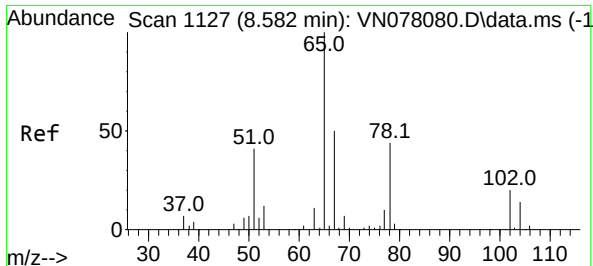
Tgt Ion: 56 Resp: 396330
Ion Ratio Lower Upper
56 100
69 31.4 26.8 40.2
84 93.1 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 53.980 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 97 Resp: 495970
Ion Ratio Lower Upper
97 100
99 61.3 50.3 75.5
61 45.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.103 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

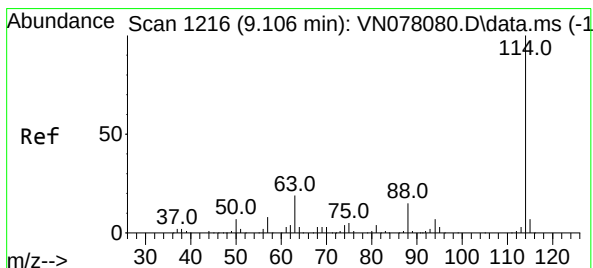
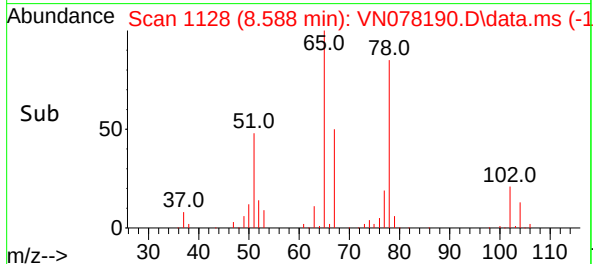
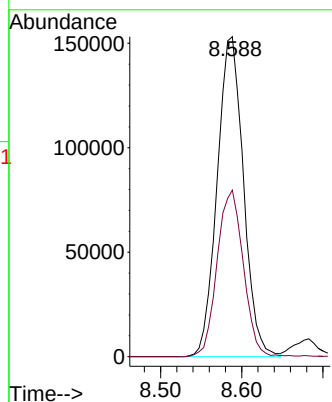
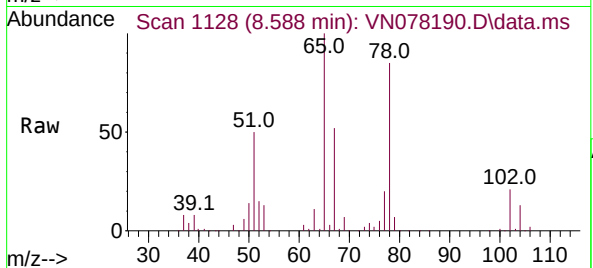
VSTDCCC050EC

Tgt Ion: 65 Resp: 345203

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

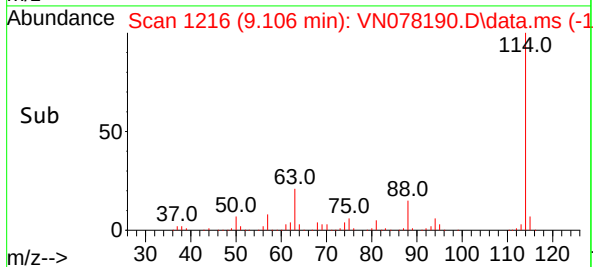
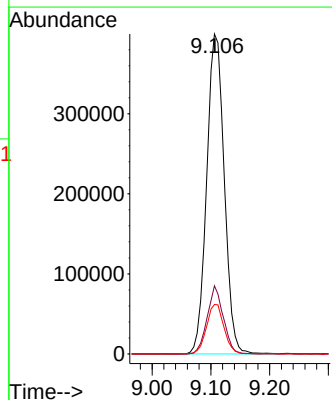
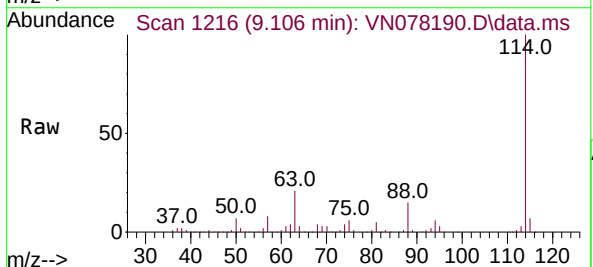
Tgt Ion: 114 Resp: 830046

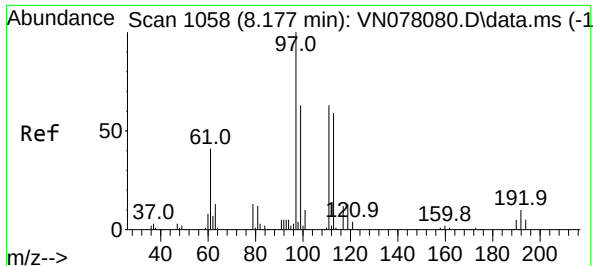
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.5 0.0 30.6

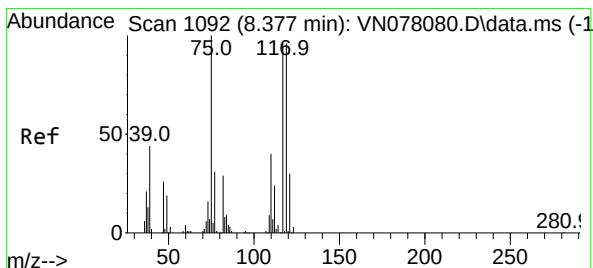
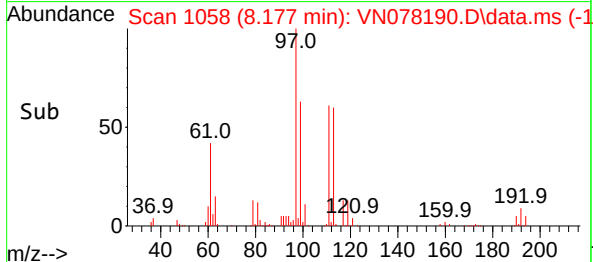
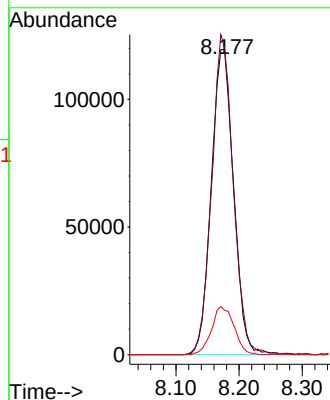
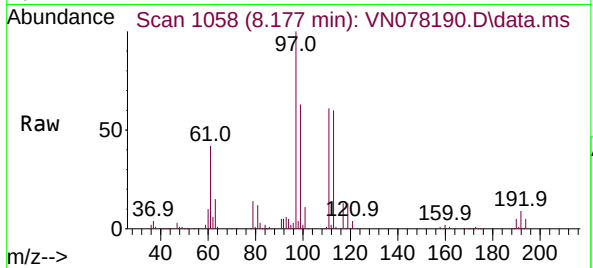




#35
Dibromofluoromethane
Concen: 55.961 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

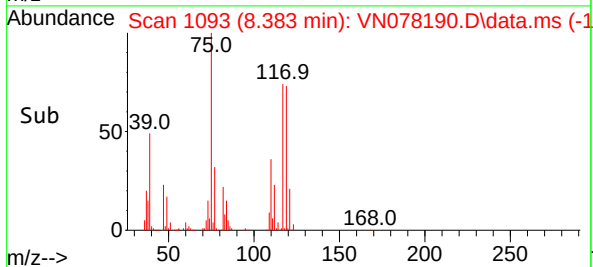
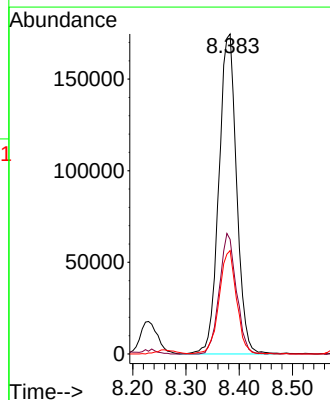
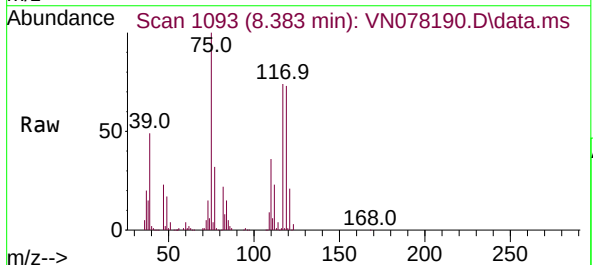
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

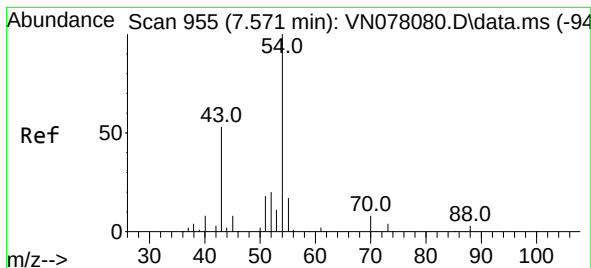
Tgt Ion:113 Resp: 293701
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 15.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 53.695 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 75 Resp: 404220
Ion Ratio Lower Upper
75 100
110 36.1 19.1 57.3
77 31.8 25.0 37.4





#37

Ethyl Acetate

Concen: 57.060 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

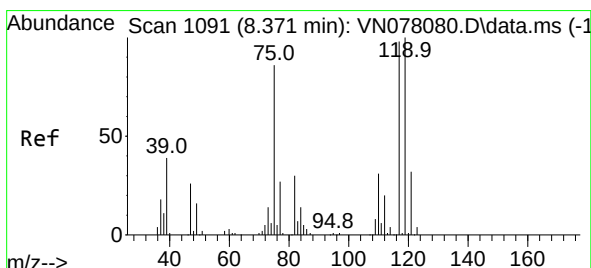
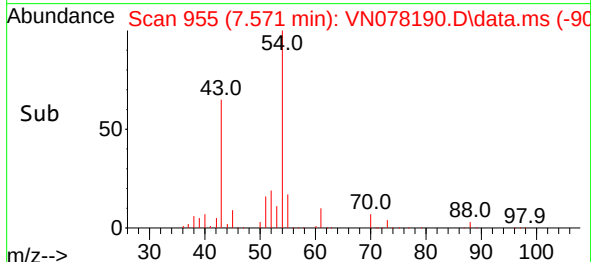
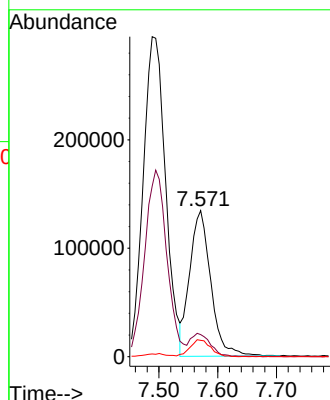
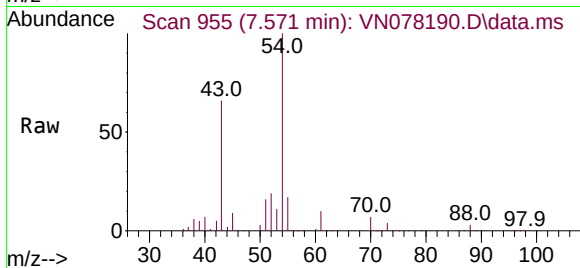
Tgt Ion: 43 Resp: 335565

Ion Ratio Lower Upper

43 100

61 15.1 13.2 19.8

70 11.3 11.3 16.9



#38

Carbon Tetrachloride

Concen: 55.068 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

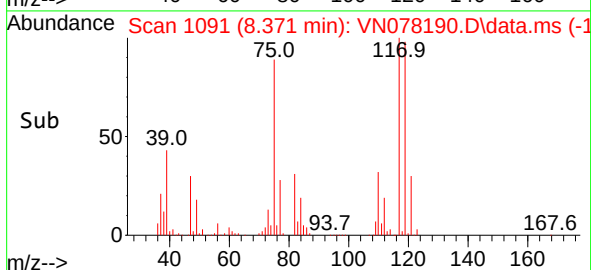
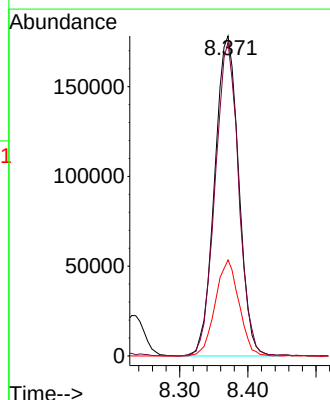
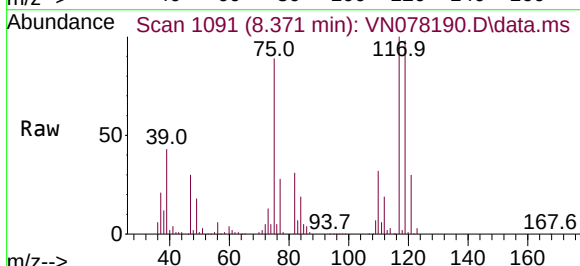
Tgt Ion: 117 Resp: 437726

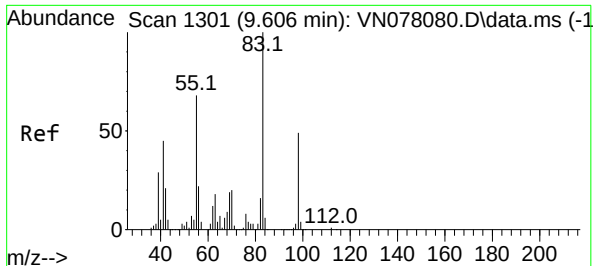
Ion Ratio Lower Upper

117 100

119 97.9 77.3 115.9

121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 47.967 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

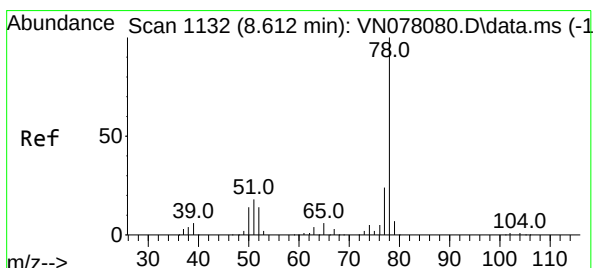
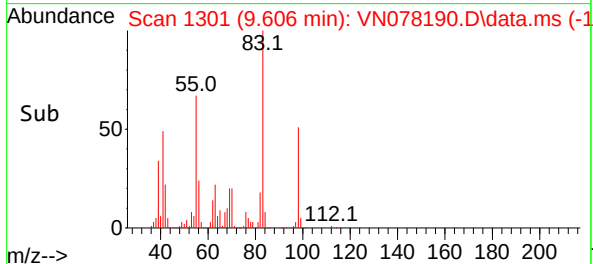
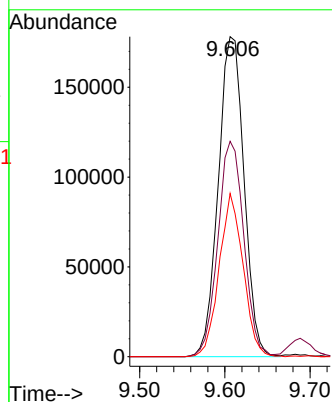
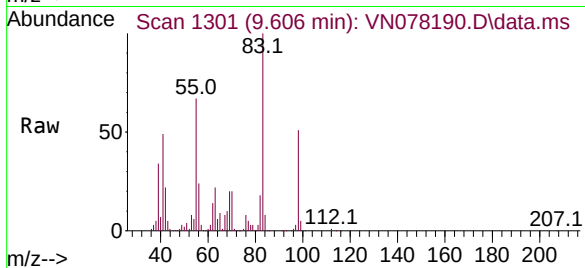
Tgt Ion: 83 Resp: 374214

Ion Ratio Lower Upper

83 100

55 67.3 49.1 73.7

98 51.0 40.6 61.0



#40

Benzene

Concen: 53.361 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078190.D

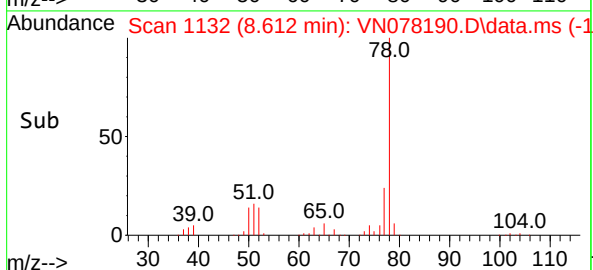
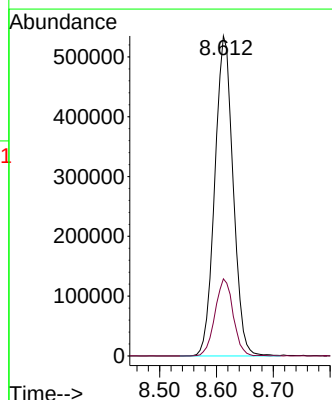
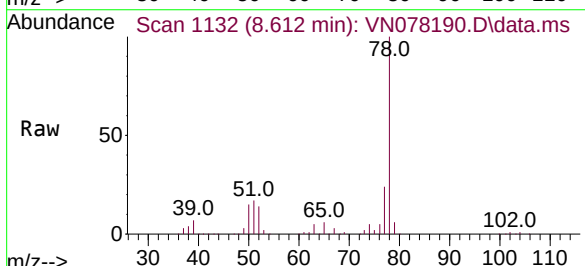
Acq: 13 Jun 2023 17:20

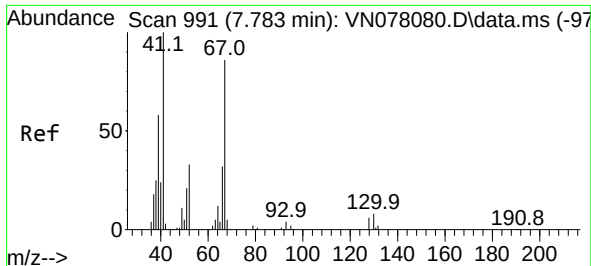
Tgt Ion: 78 Resp: 1199254

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6



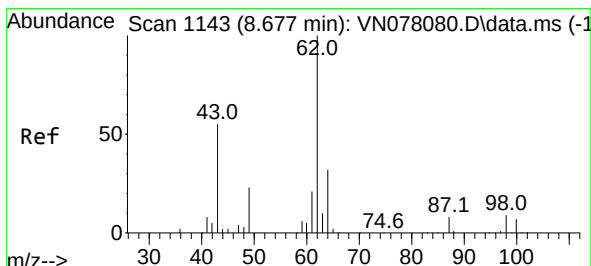
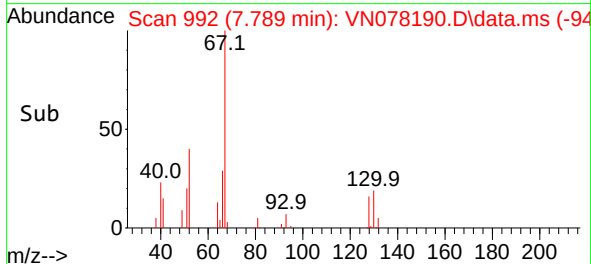
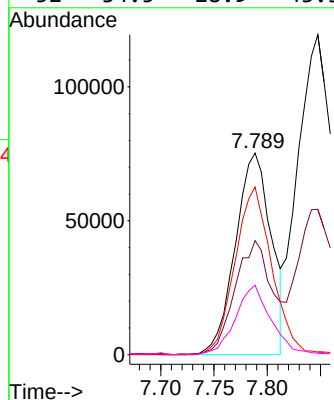
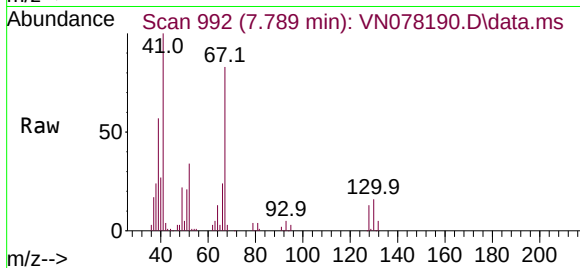


#41
Methacrylonitrile
Concen: 55.247 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 176108

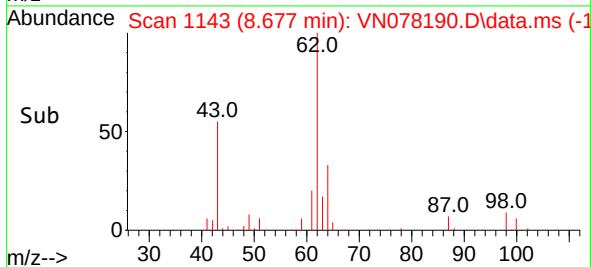
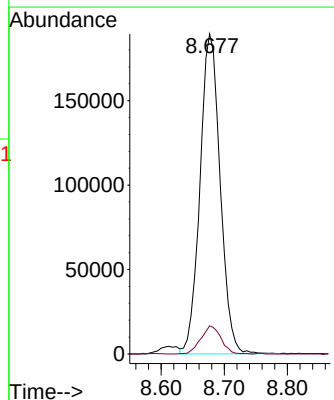
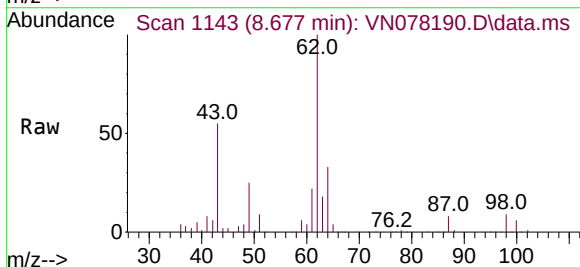
Ion	Ratio	Lower	Upper
41	100		
39	61.5	42.6	64.0
67	86.2	77.5	116.3
52	34.5	28.9	43.3

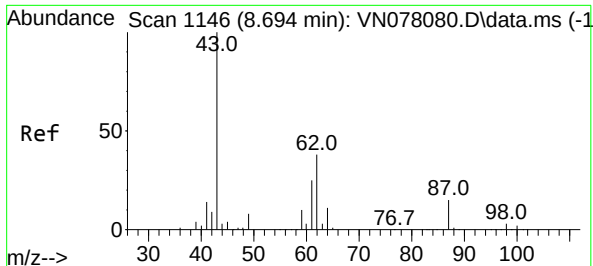


#42
1,2-Dichloroethane
Concen: 54.603 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 62 Resp: 420760

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.8





#43

Isopropyl Acetate

Concen: 51.258 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

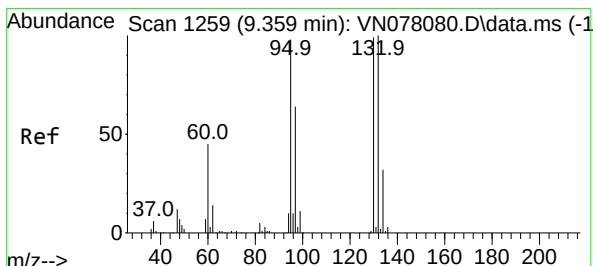
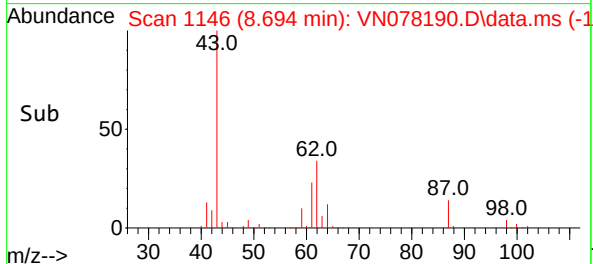
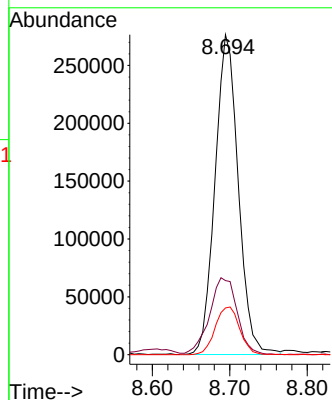
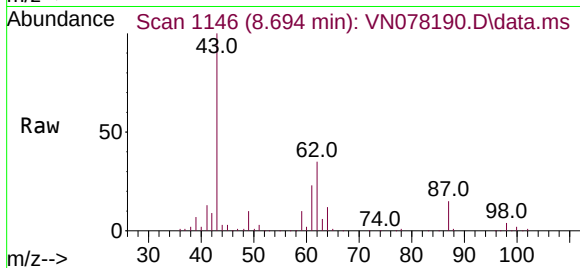
Tgt Ion: 43 Resp: 576491

Ion Ratio Lower Upper

43 100

61 28.7 24.7 37.1

87 15.7 14.6 21.8



#44

Trichloroethene

Concen: 51.908 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078190.D

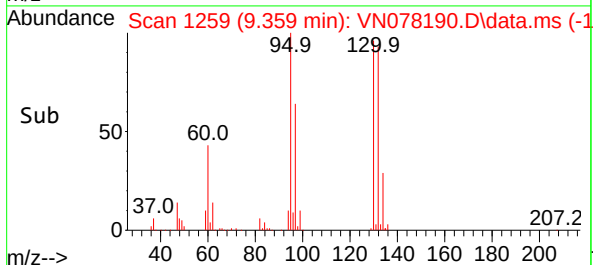
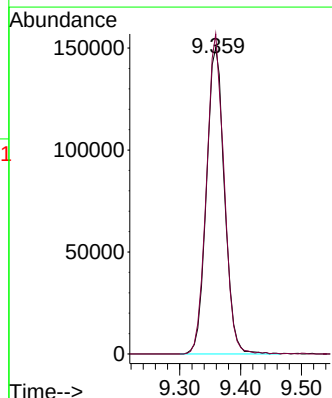
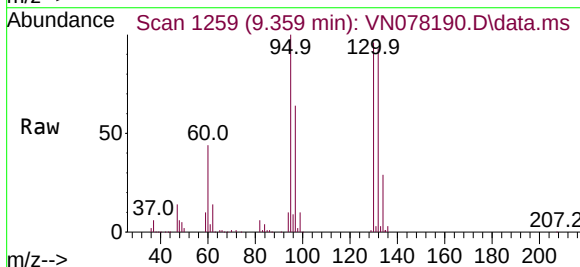
Acq: 13 Jun 2023 17:20

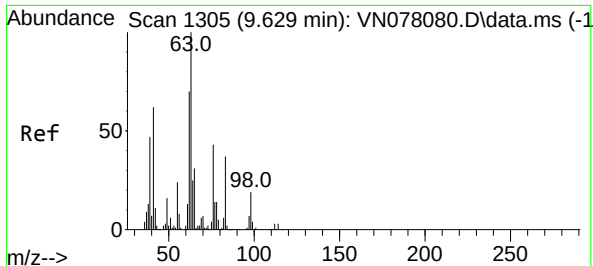
Tgt Ion:130 Resp: 308083

Ion Ratio Lower Upper

130 100

95 104.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 54.796 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

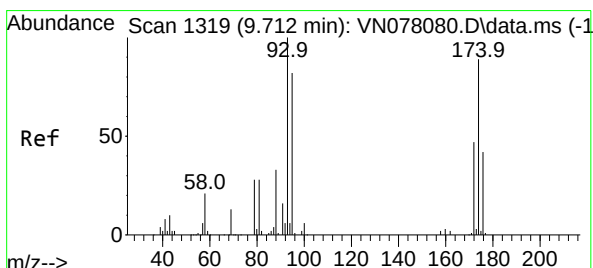
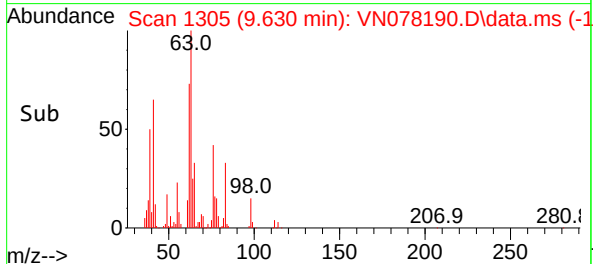
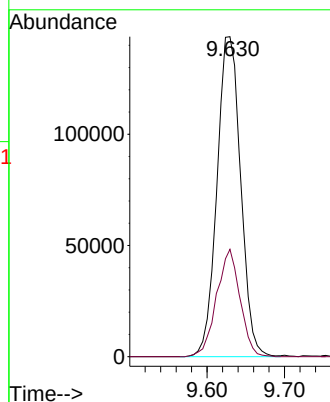
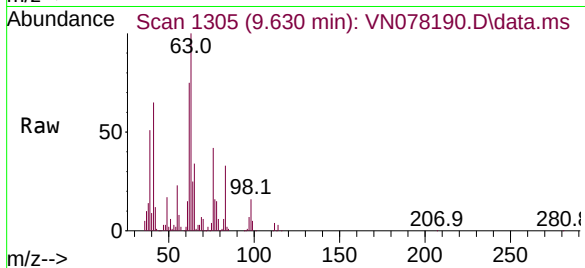
VSTDCCC050EC

Tgt Ion: 63 Resp: 306398

Ion Ratio Lower Upper

63 100

65 33.6 23.9 35.9



#46

Dibromomethane

Concen: 52.130 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

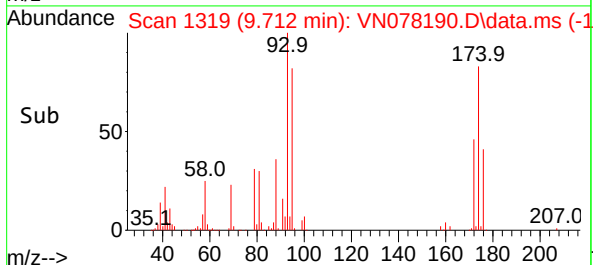
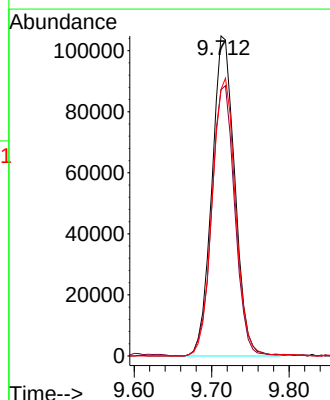
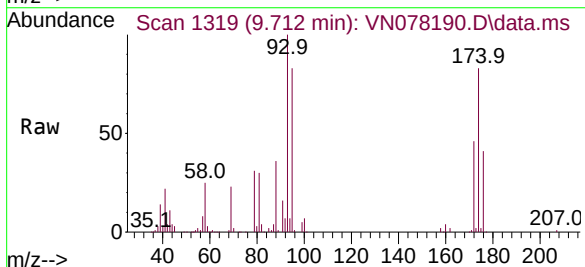
Tgt Ion: 93 Resp: 214703

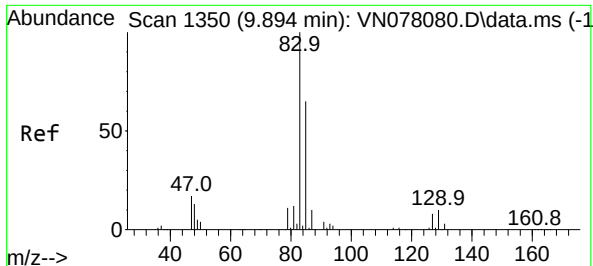
Ion Ratio Lower Upper

93 100

95 85.3 63.8 95.8

174 88.2 65.6 98.4

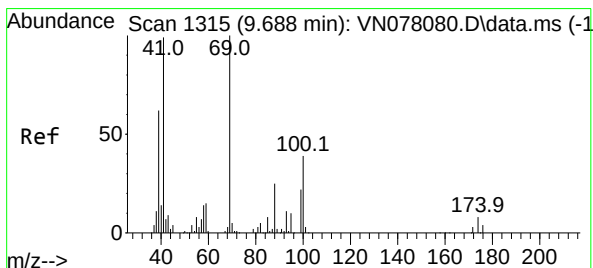
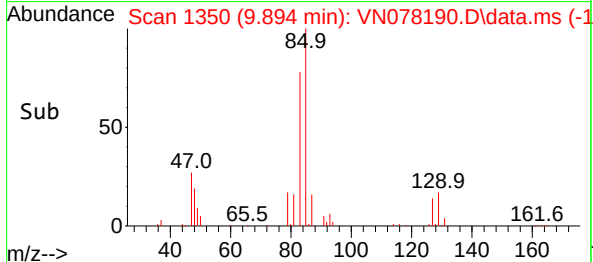
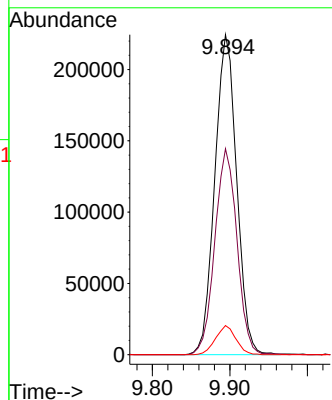
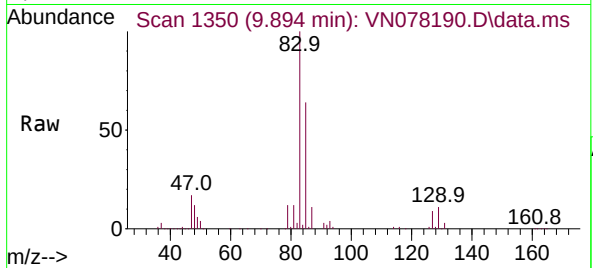




#47
Bromodichloromethane
Concen: 57.595 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

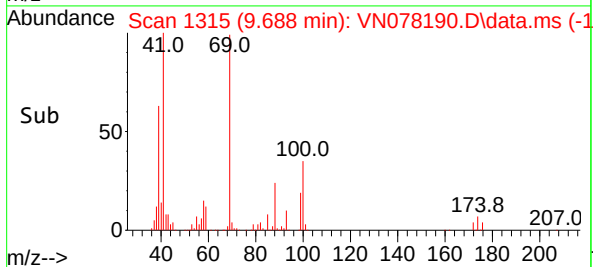
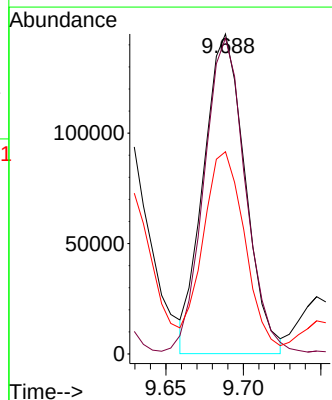
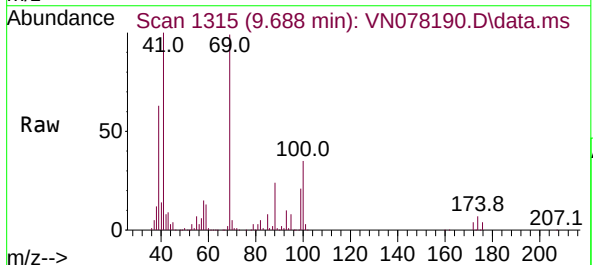
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

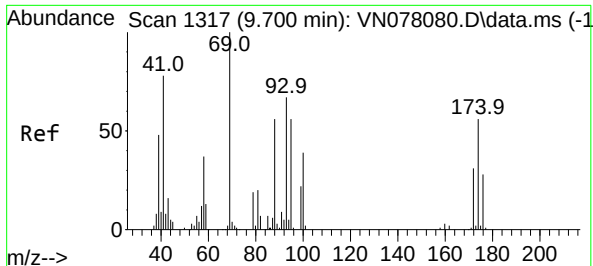
Tgt Ion: 83 Resp: 440624
Ion Ratio Lower Upper
83 100
85 64.4 49.6 74.4
127 9.1 7.0 10.6



#48
Methyl methacrylate
Concen: 57.139 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 41 Resp: 269688
Ion Ratio Lower Upper
41 100
69 99.9 90.4 135.6
39 64.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1126.593 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

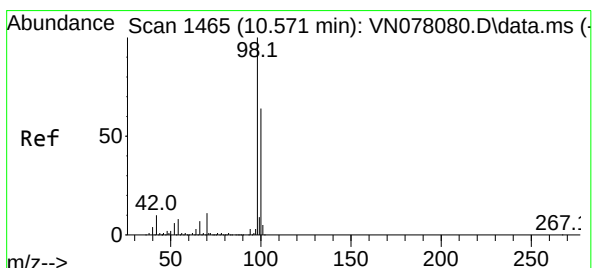
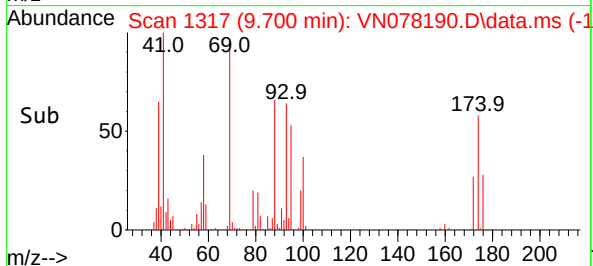
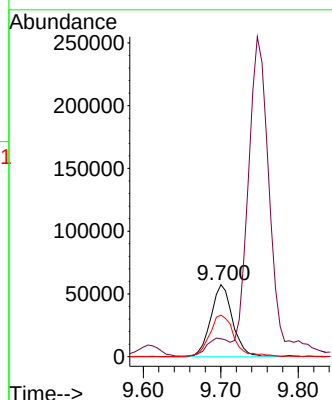
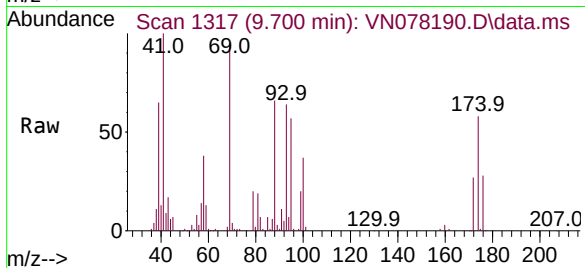
Tgt Ion: 88 Resp: 111759

Ion Ratio Lower Upper

88 100

43 25.7 17.0 25.6#

58 65.6 47.0 70.4



#50

Toluene-d8

Concen: 54.812 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078190.D

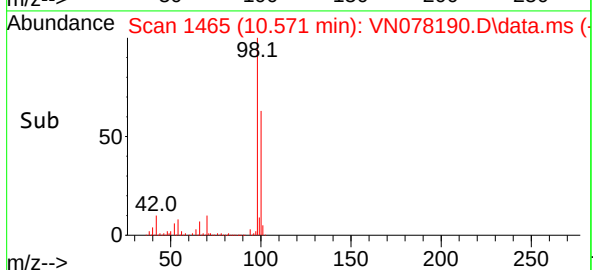
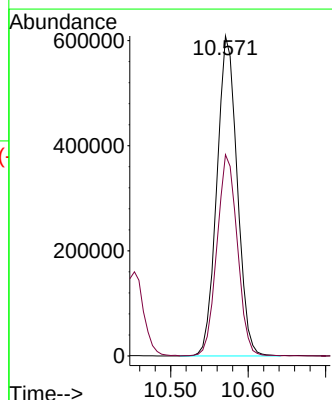
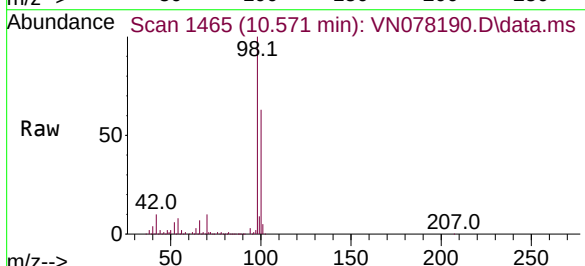
Acq: 13 Jun 2023 17:20

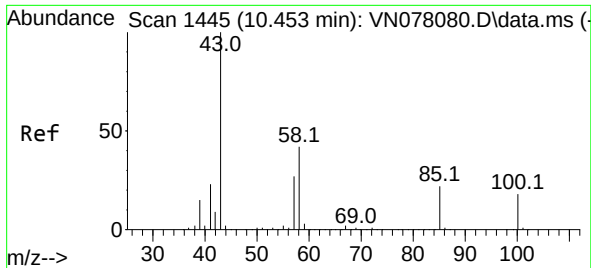
Tgt Ion: 98 Resp: 1108994

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0

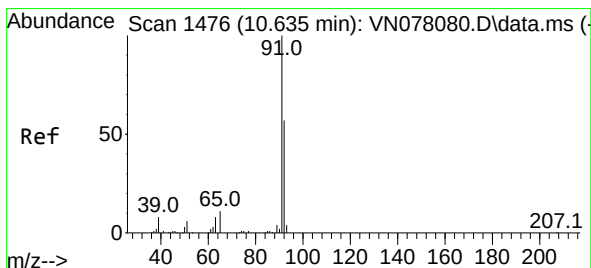
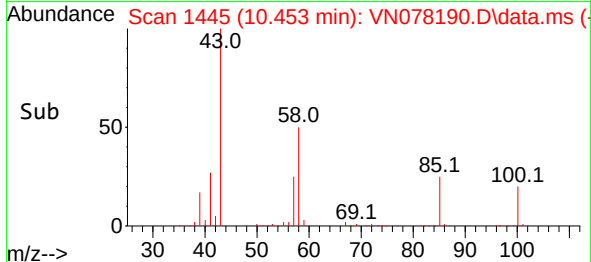
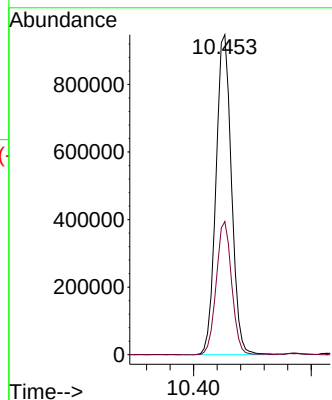
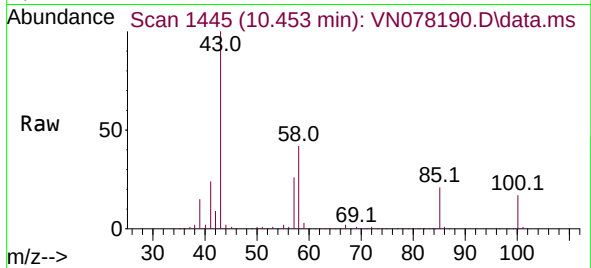




#51
4-Methyl-2-Pentanone
Concen: 293.060 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

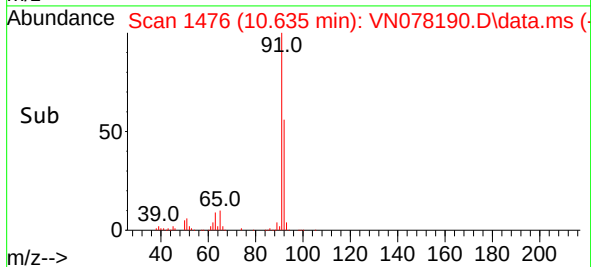
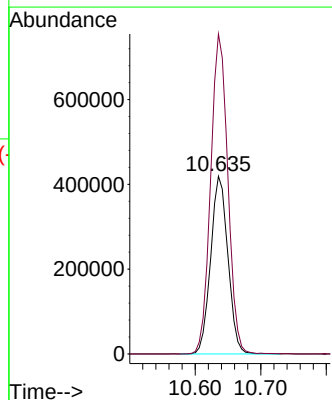
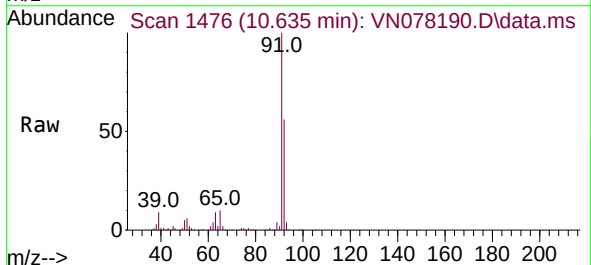
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

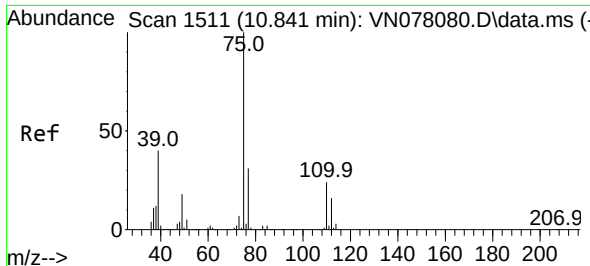
Tgt Ion: 43 Resp: 1735653
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8



#52
Toluene
Concen: 53.940 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 92 Resp: 765398
Ion Ratio Lower Upper
92 100
91 179.6 137.4 206.0

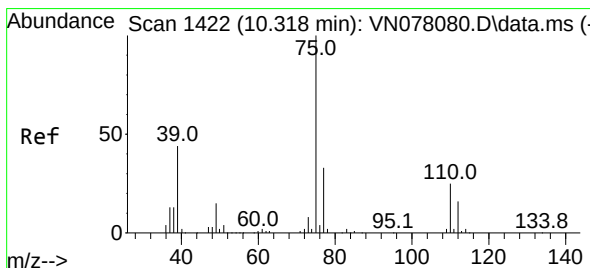
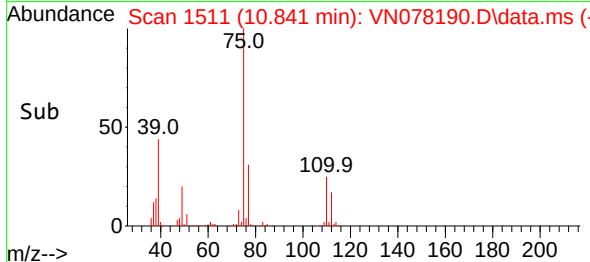
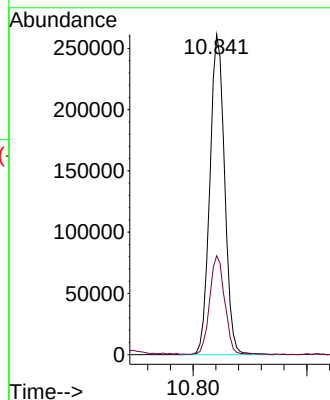
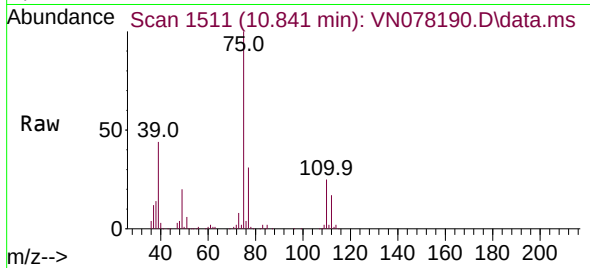




#53
t-1,3-Dichloropropene
Concen: 58.941 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

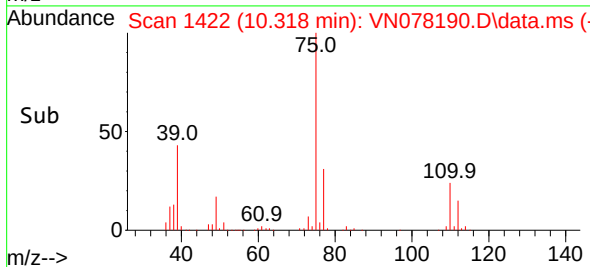
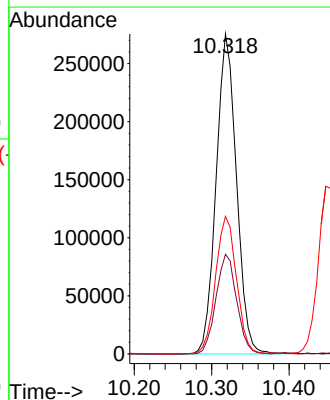
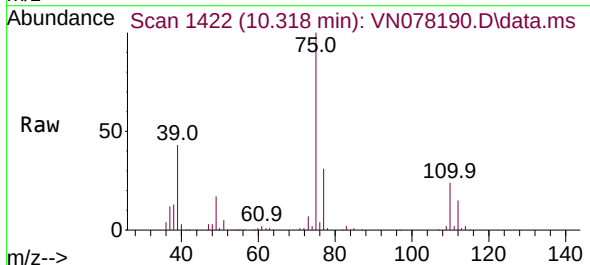
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

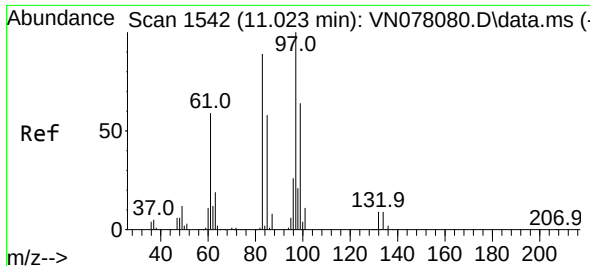
Tgt Ion: 75 Resp: 469611
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 57.076 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 75 Resp: 502697
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 43.0 31.6 47.4

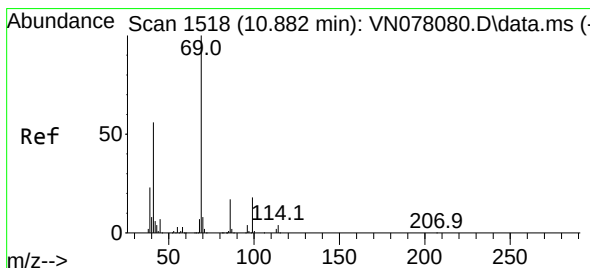
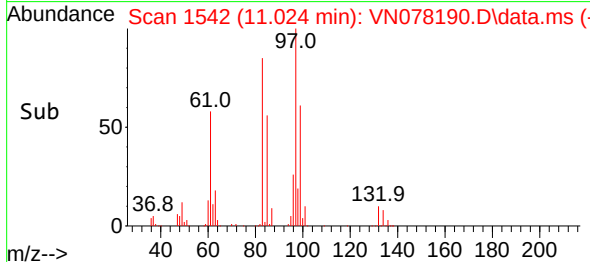
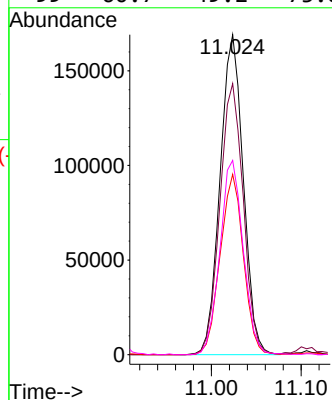
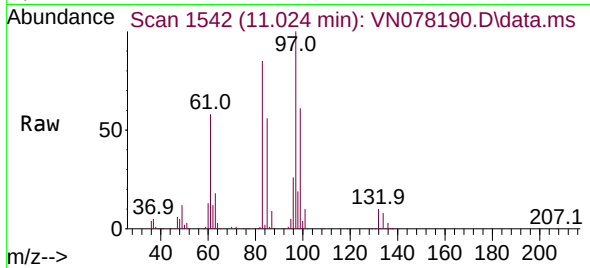




#55
1,1,2-Trichloroethane
Concen: 56.550 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

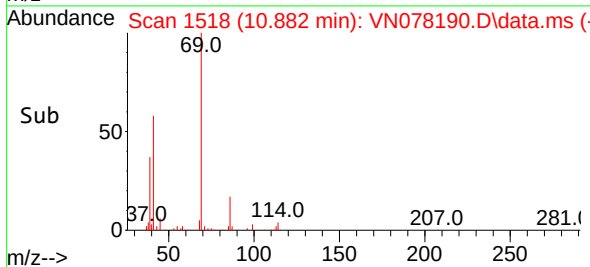
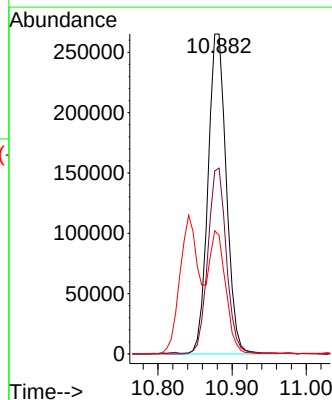
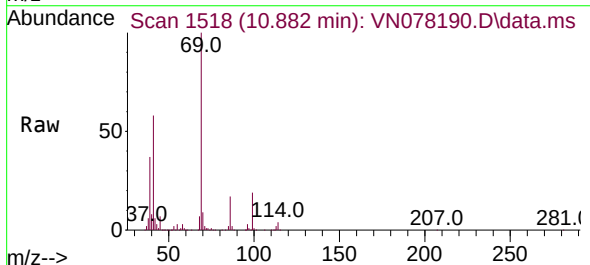
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

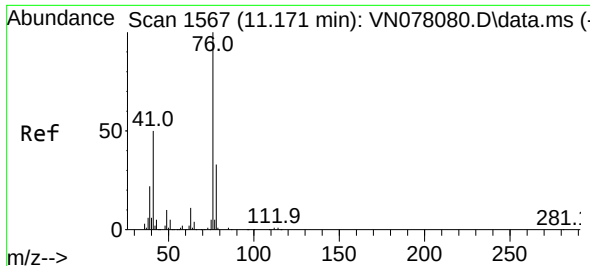
Tgt Ion:	97	Resp:	303548
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.1	97.7
85	56.4	43.4	65.2
99	60.7	49.2	73.8



#56
Ethyl methacrylate
Concen: 58.324 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion:	69	Resp:	455861
Ion	Ratio	Lower	Upper
69	100		
41	58.0	39.6	59.4
39	32.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 56.241 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

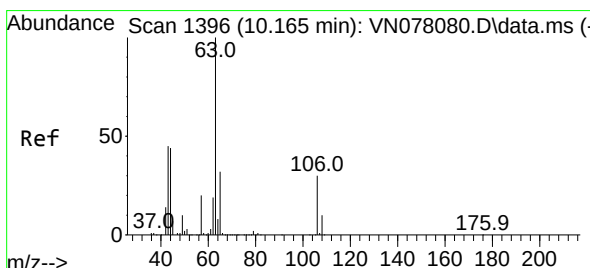
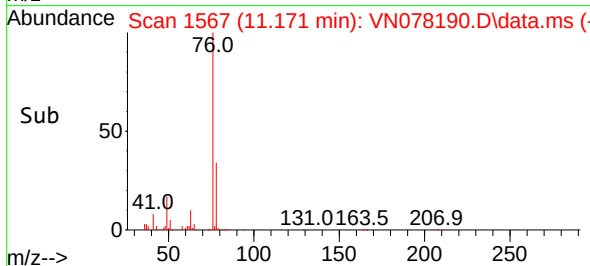
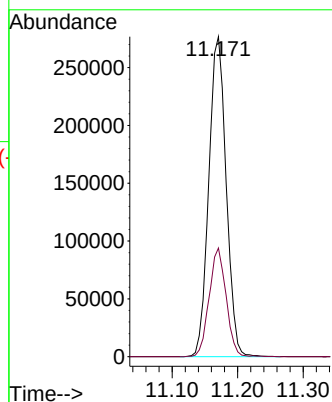
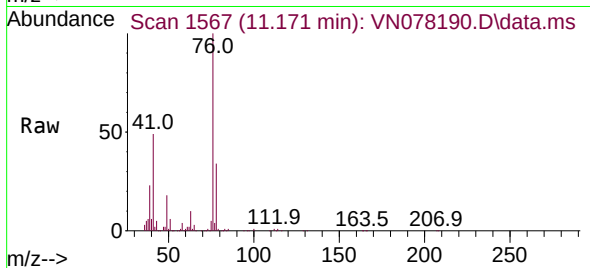
VSTDCCC050EC

Tgt Ion: 76 Resp: 509582

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 298.654 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078190.D

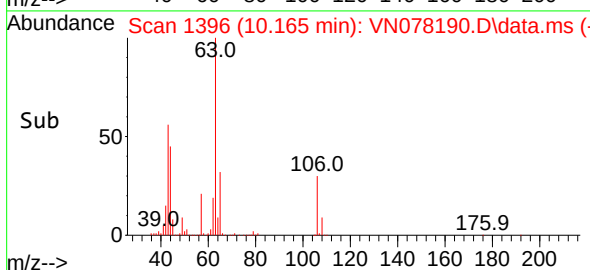
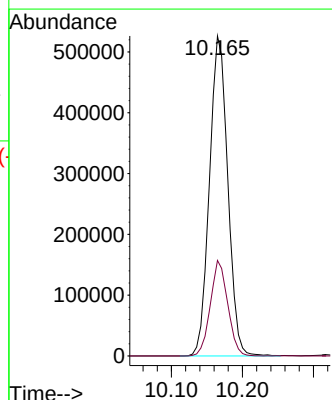
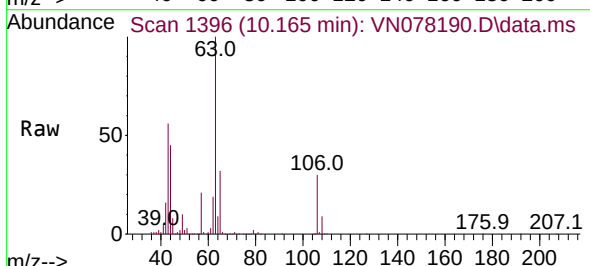
Acq: 13 Jun 2023 17:20

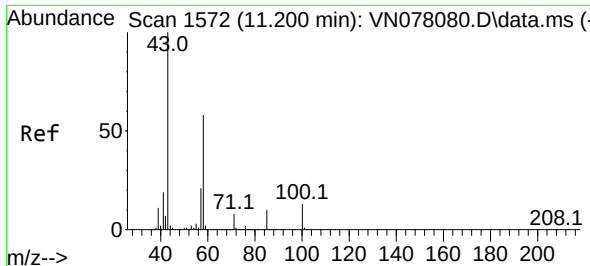
Tgt Ion: 63 Resp: 942969

Ion Ratio Lower Upper

63 100

106 28.3 26.2 39.4

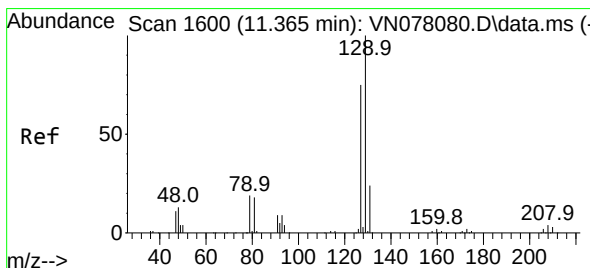
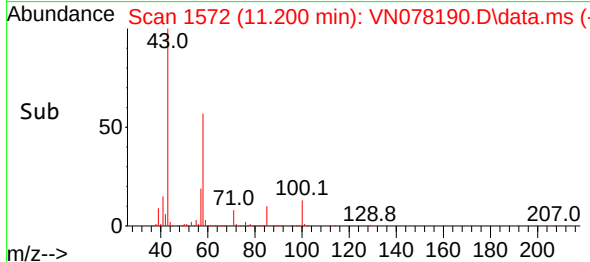
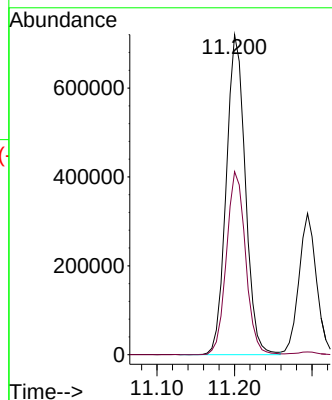
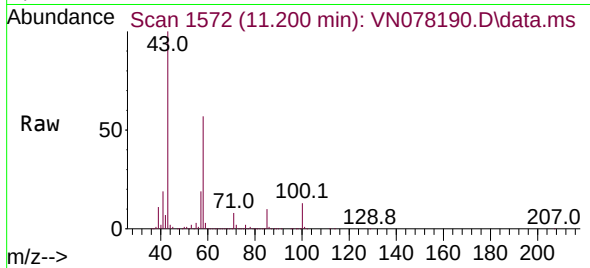




#59
2-Hexanone
Concen: 298.699 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

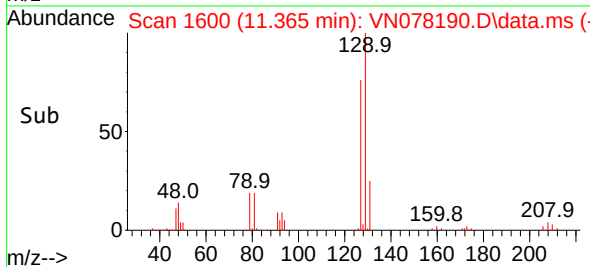
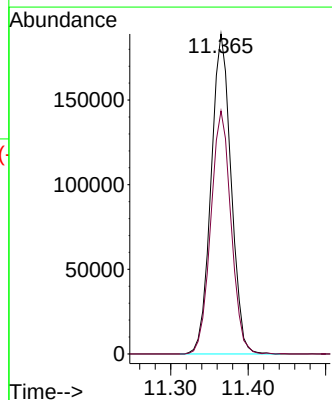
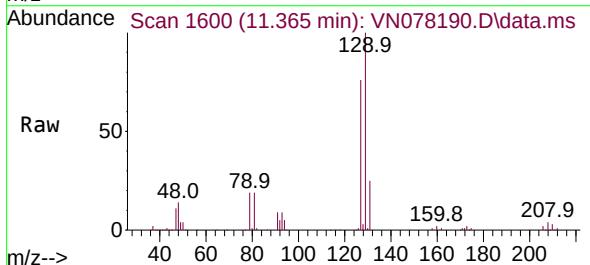
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

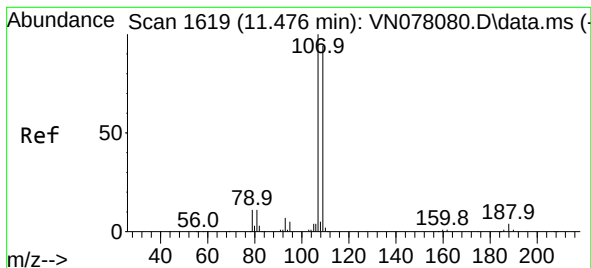
Tgt Ion: 43 Resp: 1231774
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1



#60
Dibromochloromethane
Concen: 57.656 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion:129 Resp: 338660
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 55.063 ug/l

RT: 11.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

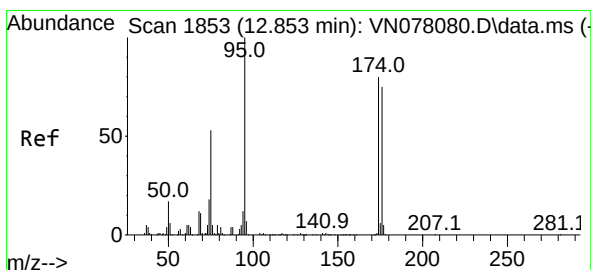
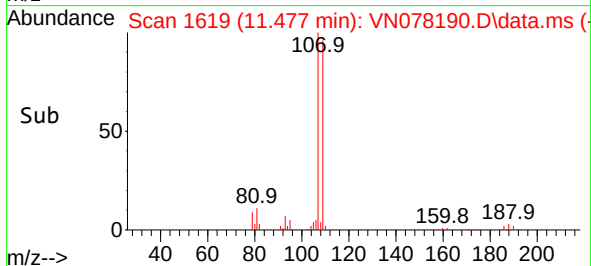
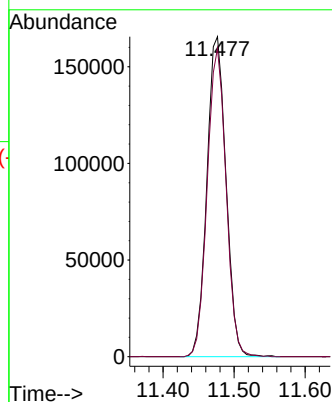
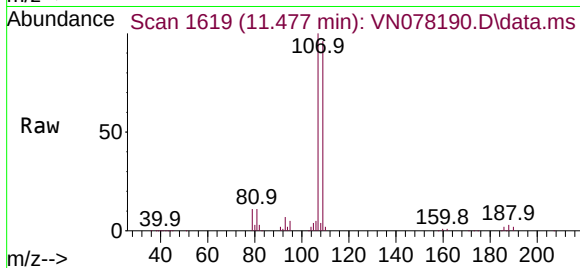
VSTDCCC050EC

Tgt Ion:107 Resp: 310175

Ion Ratio Lower Upper

107 100

109 95.0 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 57.242 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

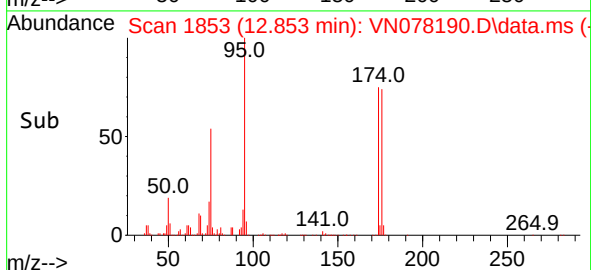
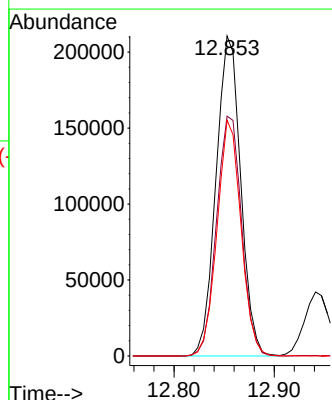
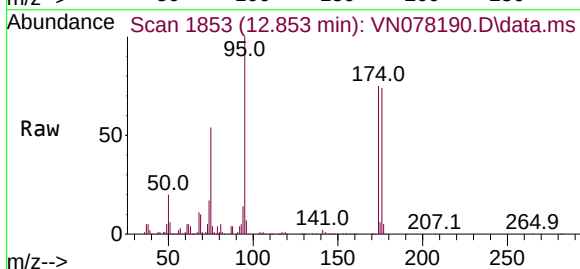
Tgt Ion: 95 Resp: 360040

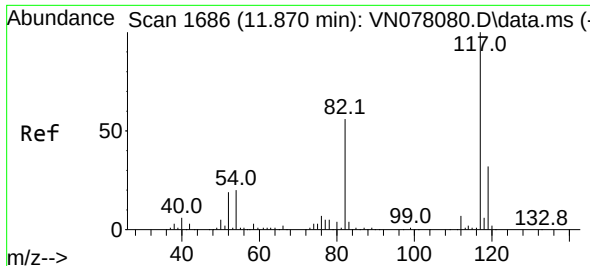
Ion Ratio Lower Upper

95 100

174 75.9 0.0 143.8

176 71.5 0.0 135.8

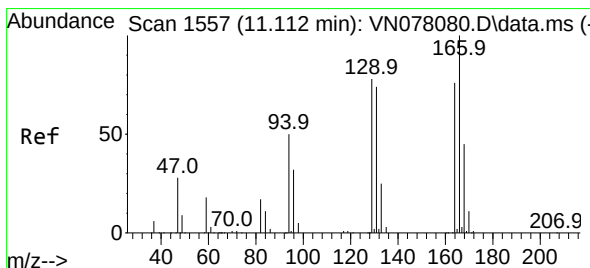
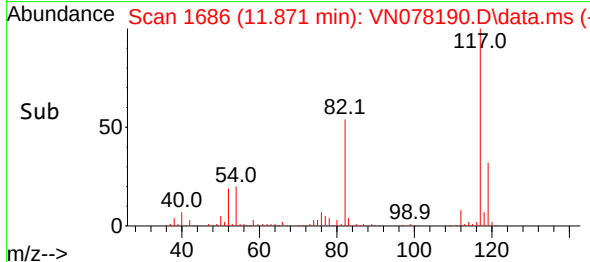
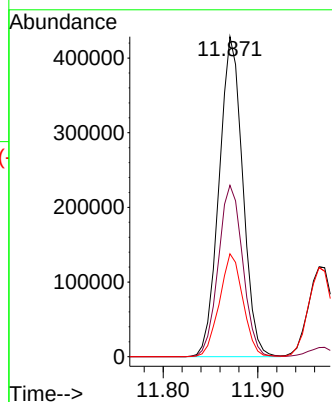
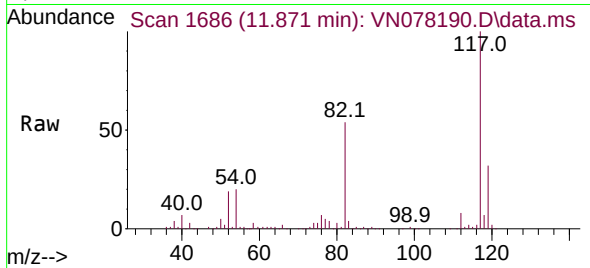




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

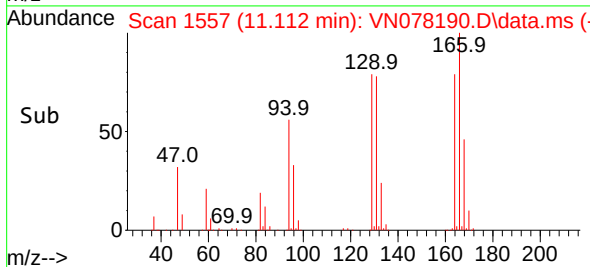
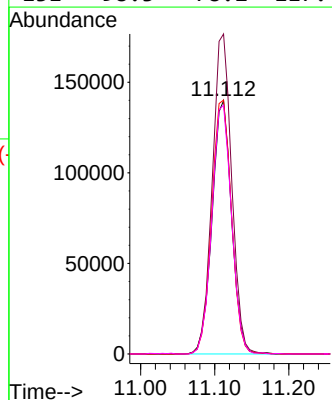
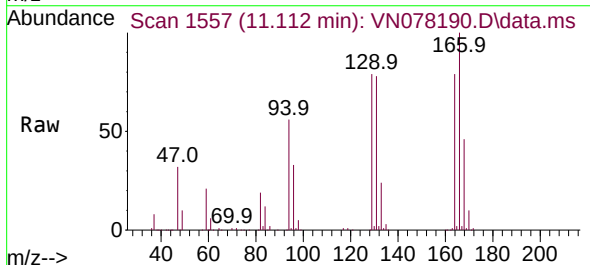
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

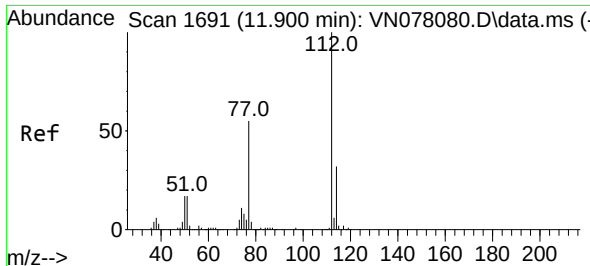
Tgt Ion:117 Resp: 744134
Ion Ratio Lower Upper
117 100
82 53.6 44.0 66.0
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 51.342 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion:164 Resp: 254881
Ion Ratio Lower Upper
164 100
166 126.4 101.4 152.0
129 100.3 82.4 123.6
131 98.3 78.2 117.4

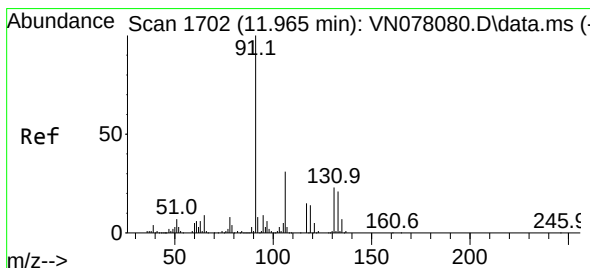
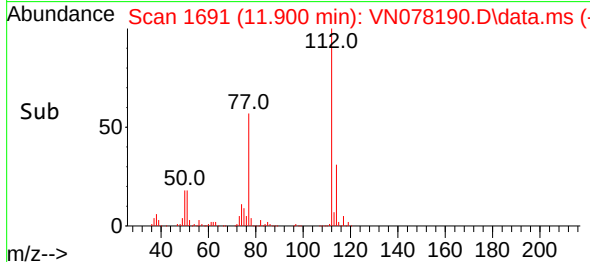
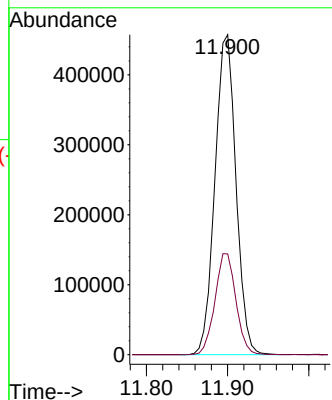
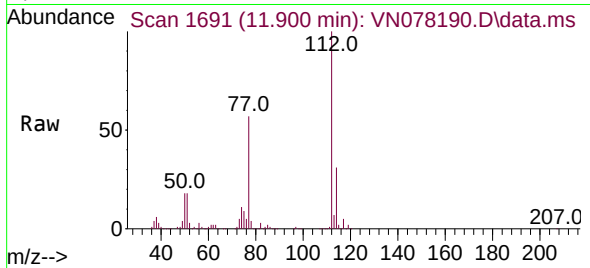




#65
Chlorobenzene
Concen: 51.646 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

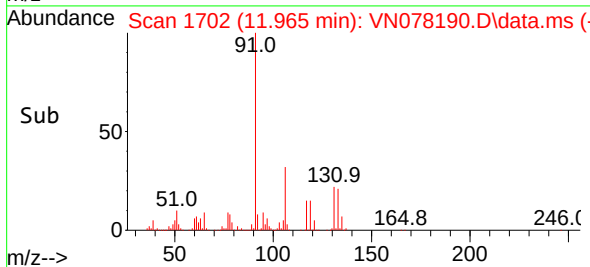
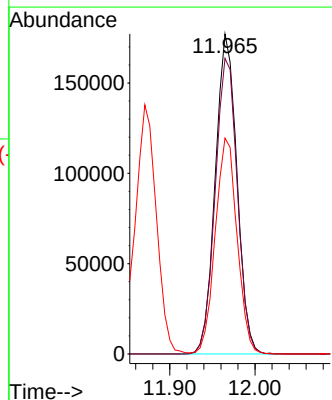
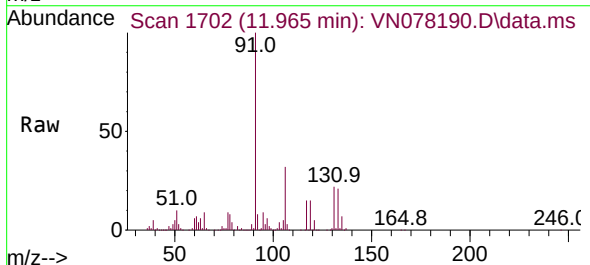
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

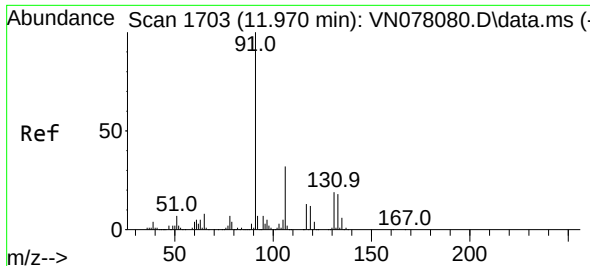
Tgt Ion:112 Resp: 823027
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.170 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion:131 Resp: 311644
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 68.2 34.1 102.2

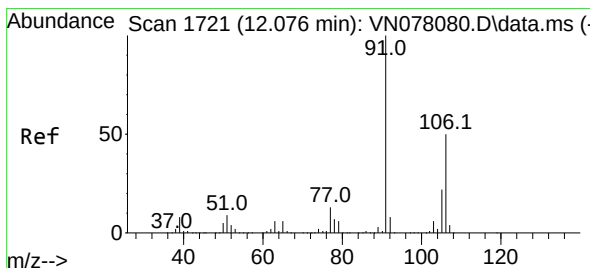
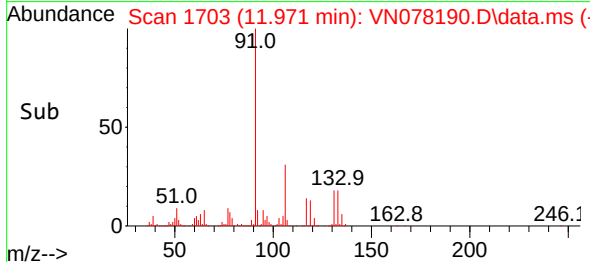
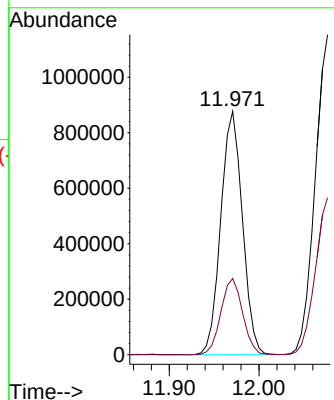
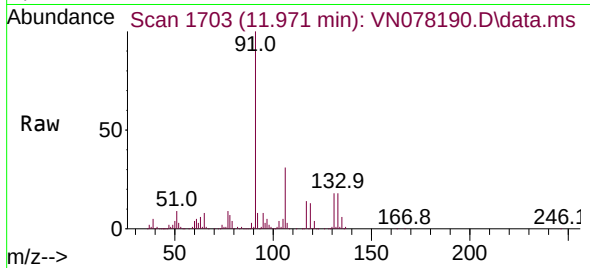




#67
Ethyl Benzene
Concen: 53.376 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

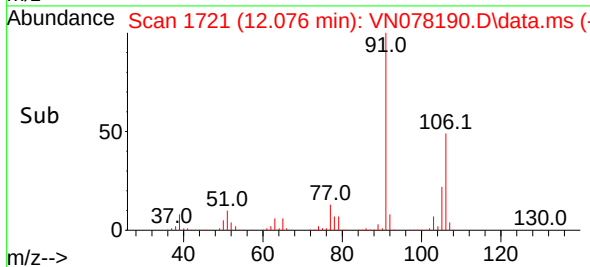
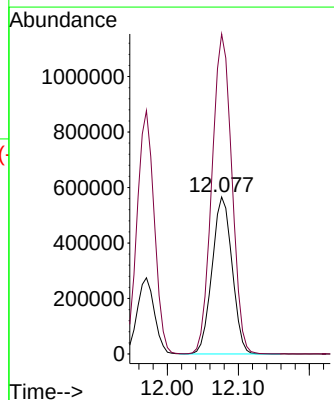
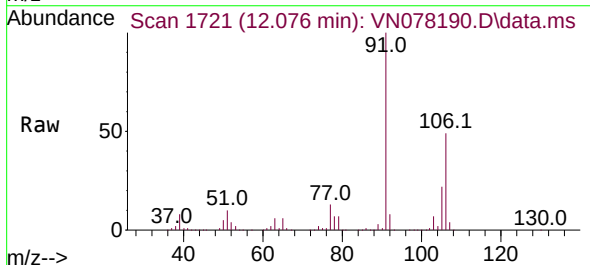
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

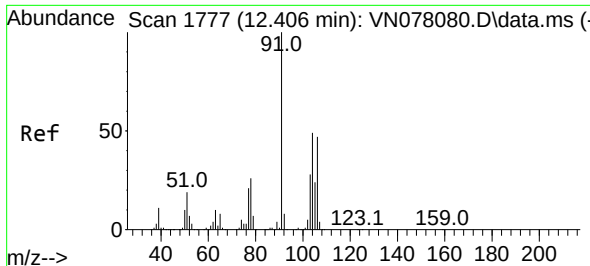
Tgt Ion: 91 Resp: 1467700
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 105.228 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion:106 Resp: 1102718
Ion Ratio Lower Upper
106 100
91 203.4 159.6 239.4

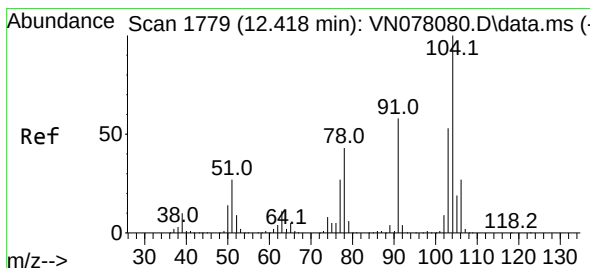
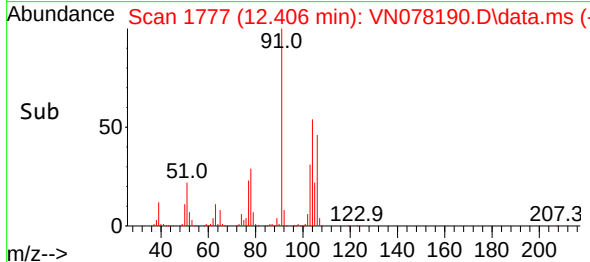
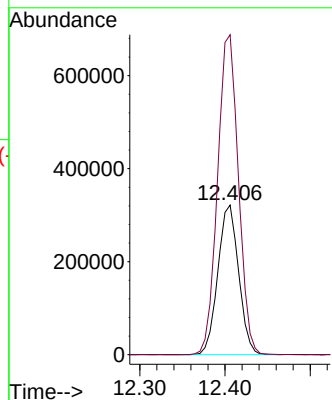
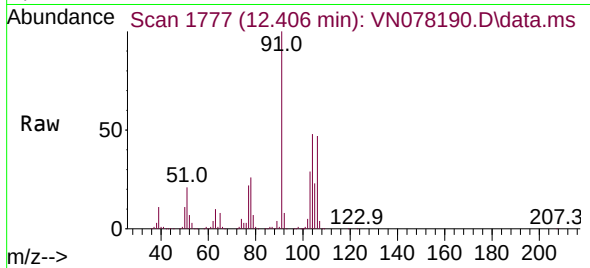




#69
o-Xylene
Concen: 52.918 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

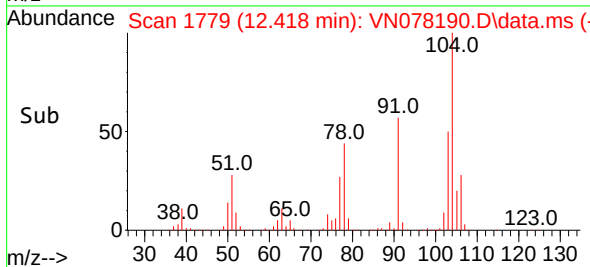
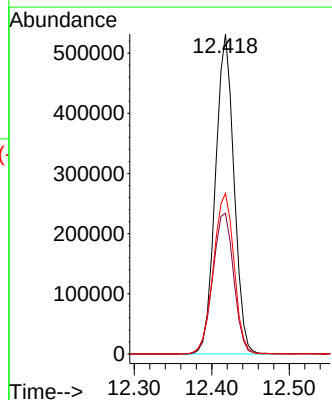
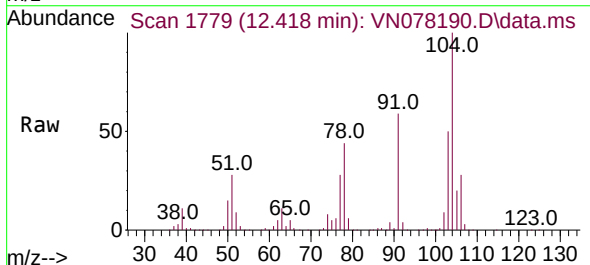
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

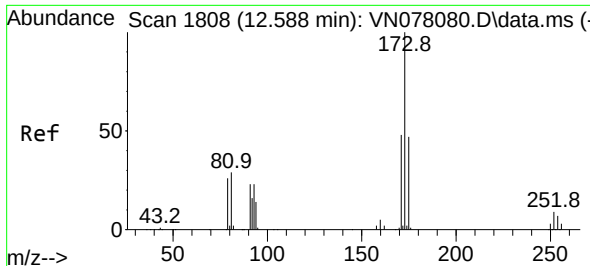
Tgt Ion:106 Resp: 544570
Ion Ratio Lower Upper
106 100
91 215.1 105.2 315.5



#70
Styrene
Concen: 54.628 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion:104 Resp: 885023
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 55.9 43.2 64.8

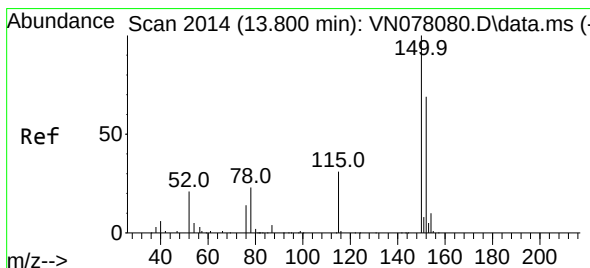
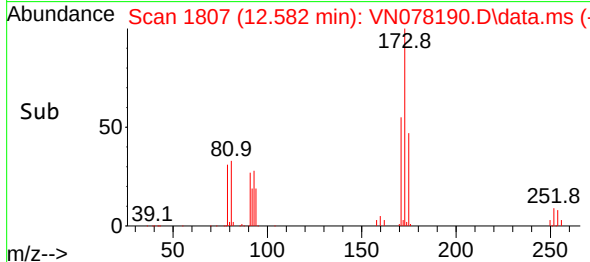
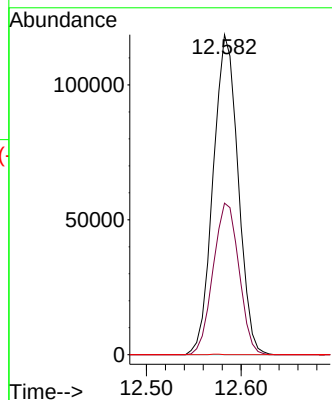
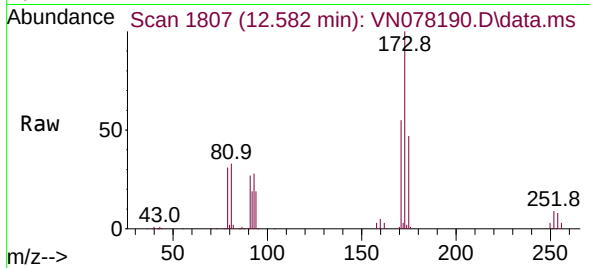




#71
Bromoform
Concen: 57.367 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

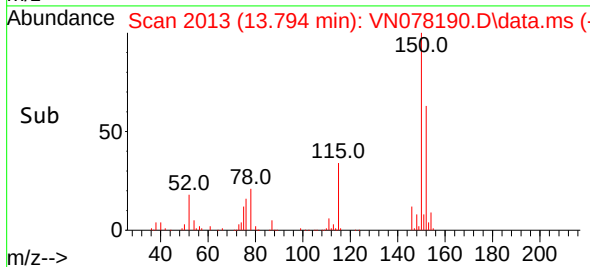
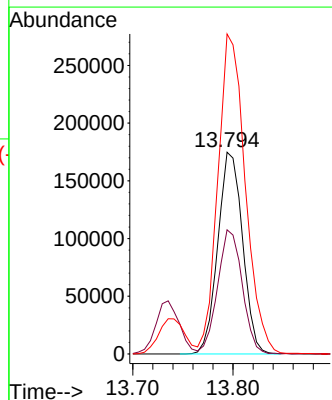
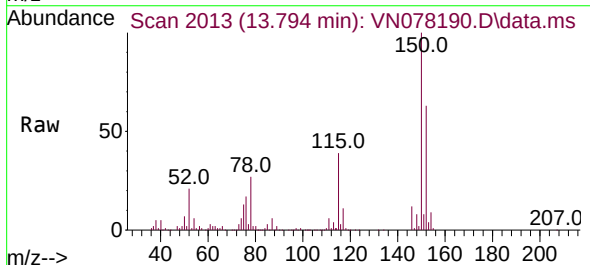
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

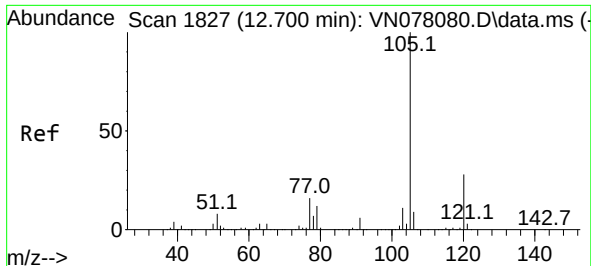
Tgt Ion:173 Resp: 216992
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion:152 Resp: 299703
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 175.4 0.0 355.8

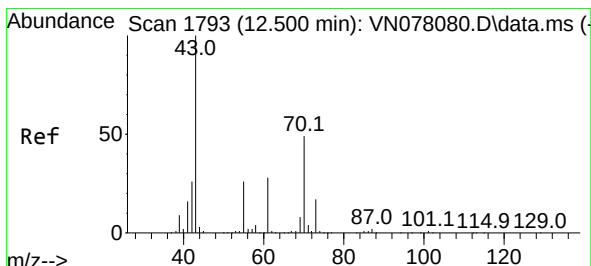
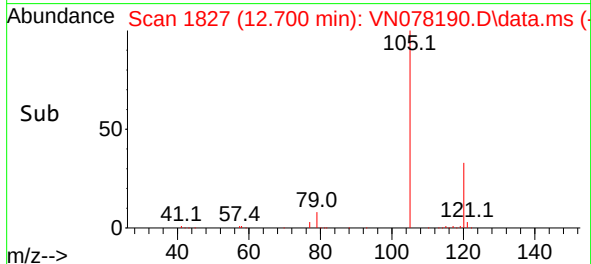
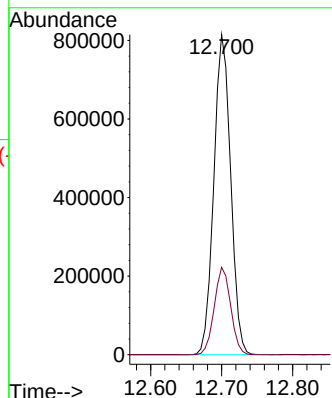
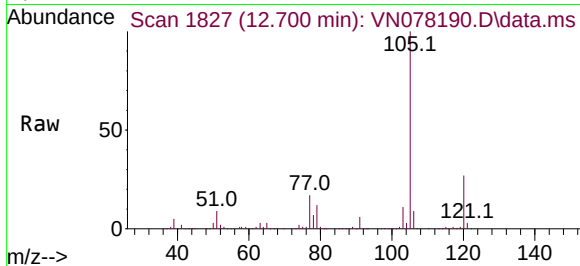




#73
Isopropylbenzene
Concen: 47.198 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

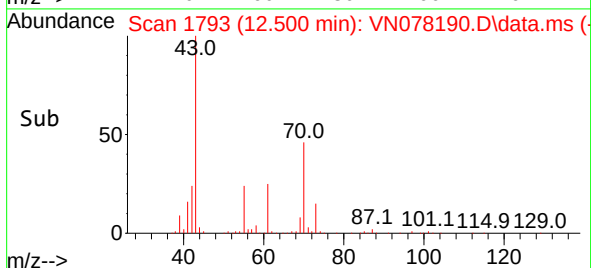
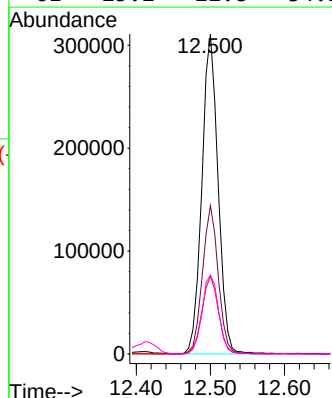
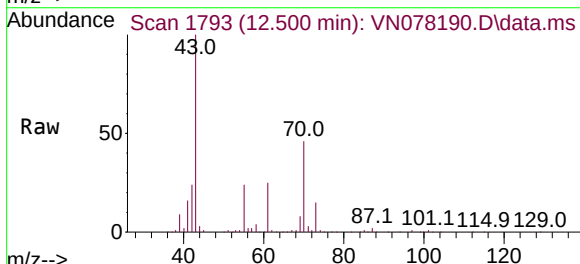
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

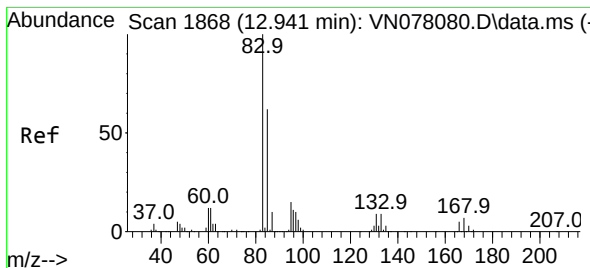
Tgt Ion:105 Resp: 1337625
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 50.704 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 43 Resp: 473212
Ion Ratio Lower Upper
43 100
70 45.1 43.4 65.2
55 24.9 21.4 32.0
61 25.2 22.8 34.2

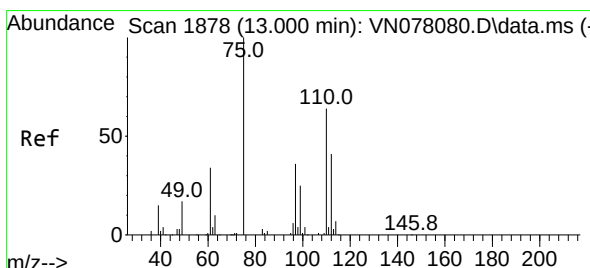
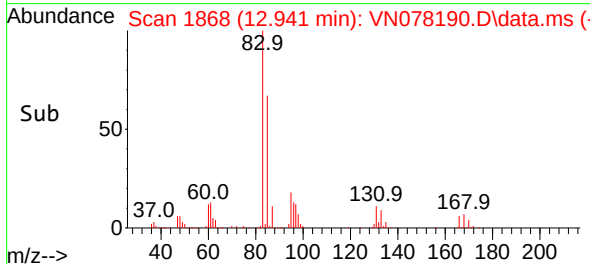
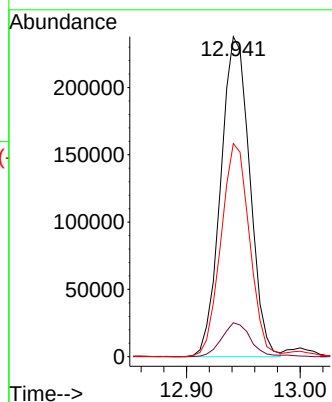
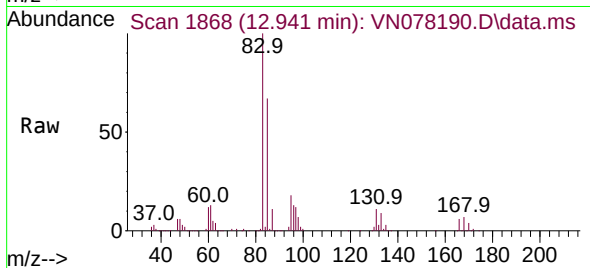




#75
1,1,2,2-Tetrachloroethane
Concen: 54.476 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

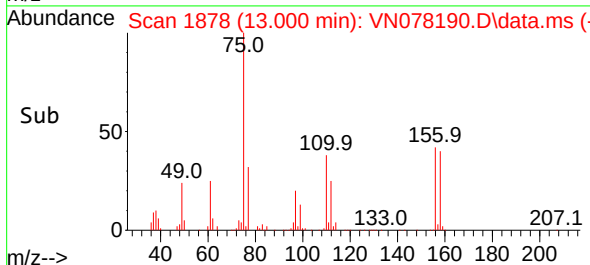
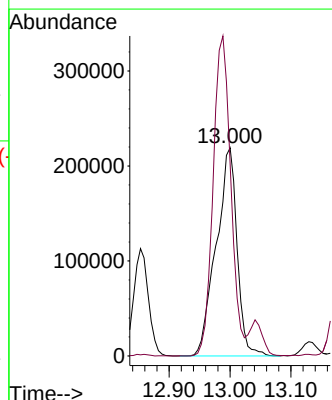
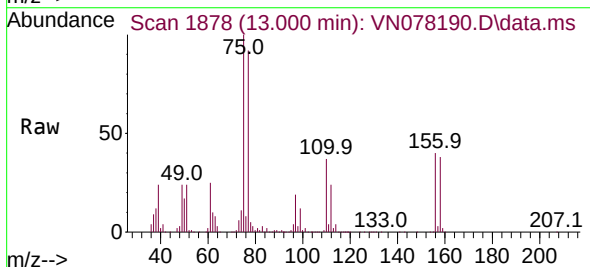
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

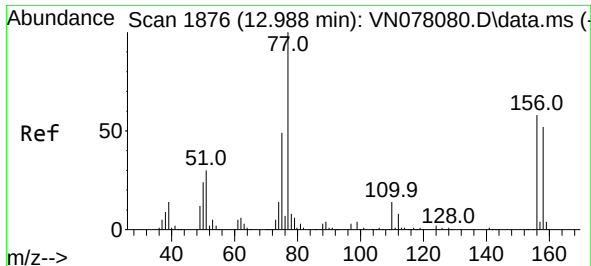
Tgt Ion: 83 Resp: 422930
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 65.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 73.673 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 75 Resp: 521981
Ion Ratio Lower Upper
75 100
77 129.9 84.5 253.5

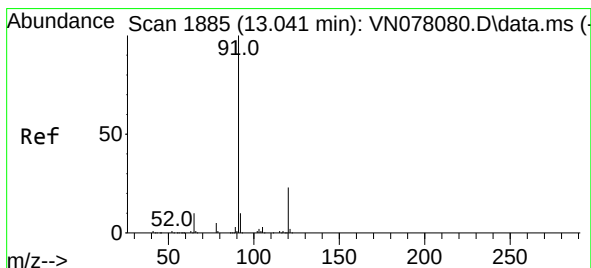
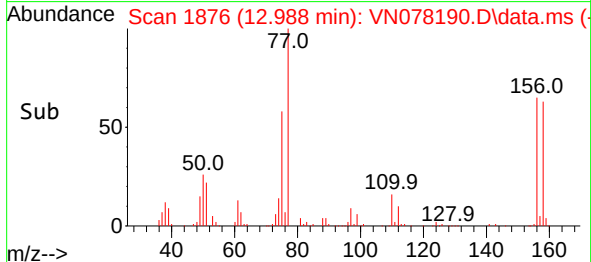
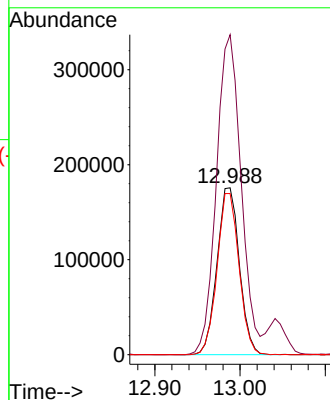
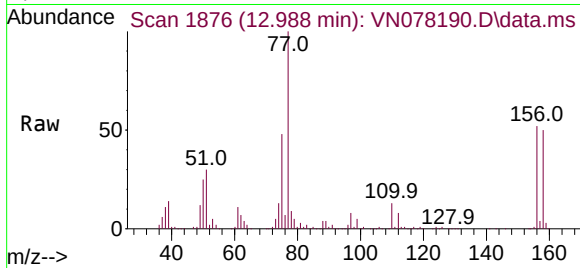




#77
Bromobenzene
Concen: 48.570 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

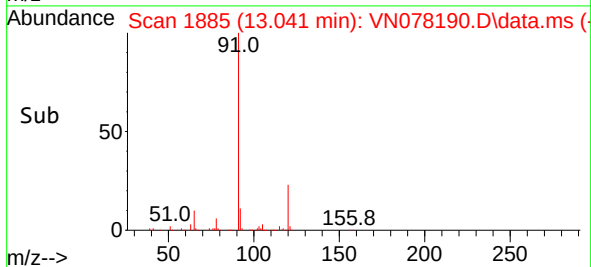
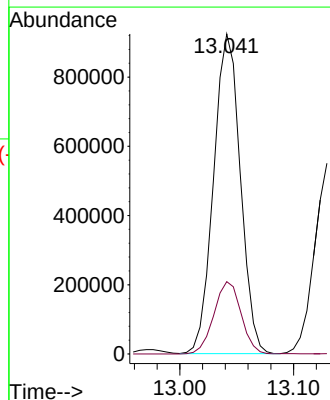
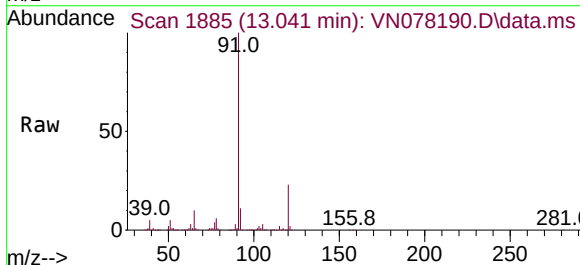
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

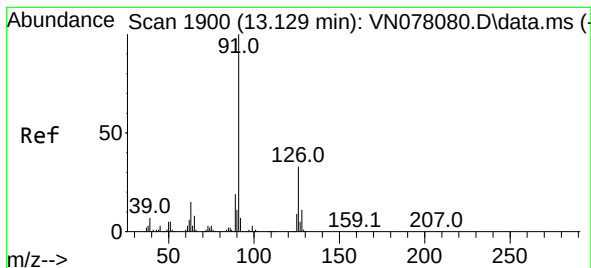
Tgt Ion:156 Resp: 319540
Ion Ratio Lower Upper
156 100
77 212.2 107.7 323.3
158 95.0 48.4 145.3



#78
n-propylbenzene
Concen: 49.070 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 91 Resp: 1510955
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

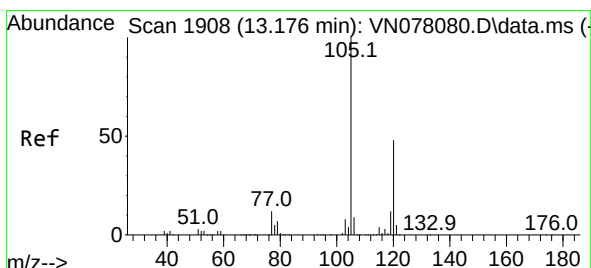
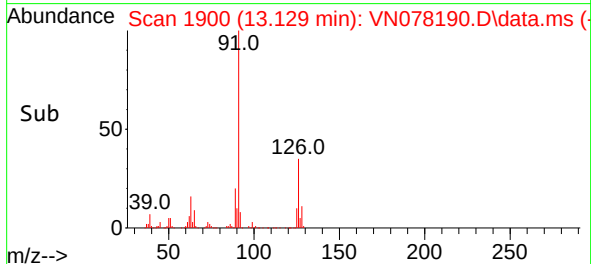
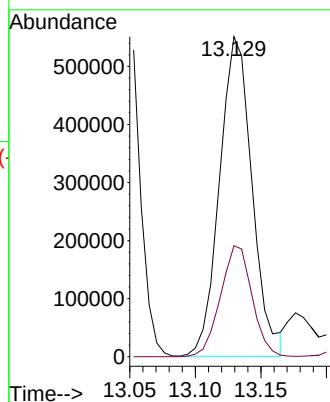
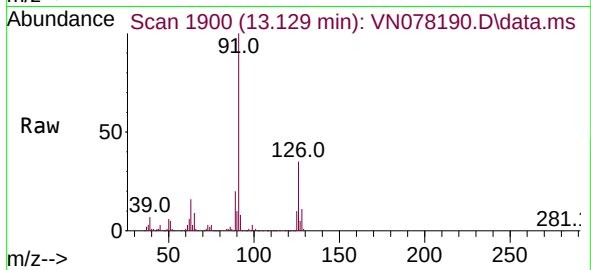




#79
2-Chlorotoluene
Concen: 47.769 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

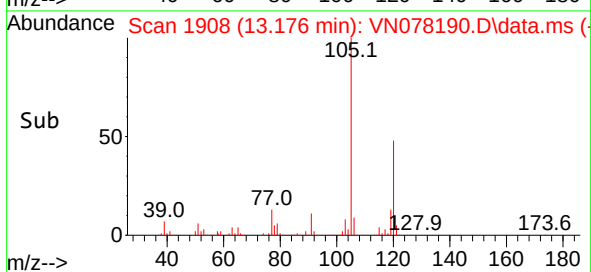
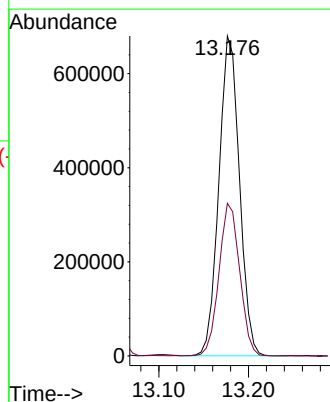
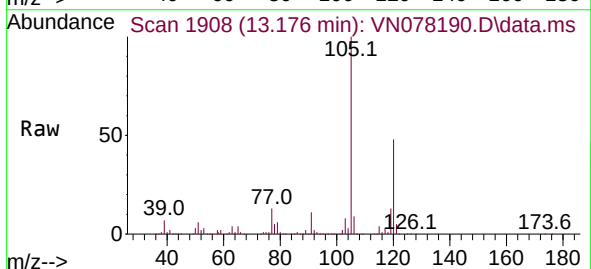
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

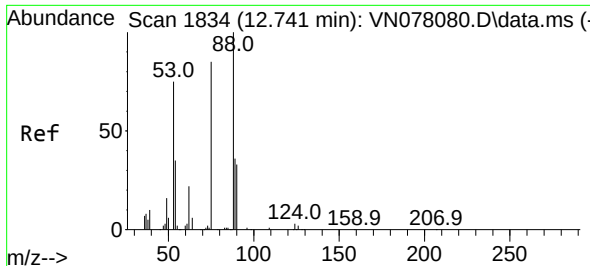
Tgt Ion: 91 Resp: 949451
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 47.097 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 105 Resp: 1080666
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

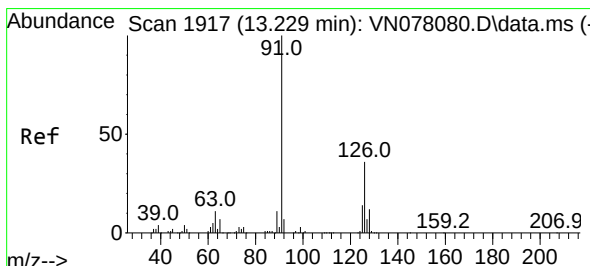
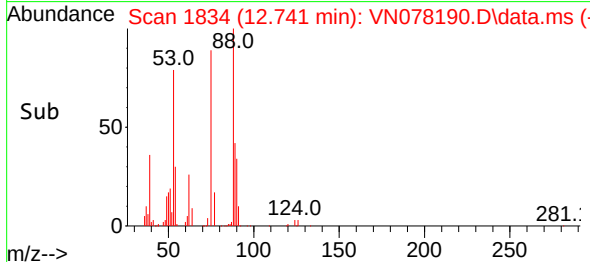
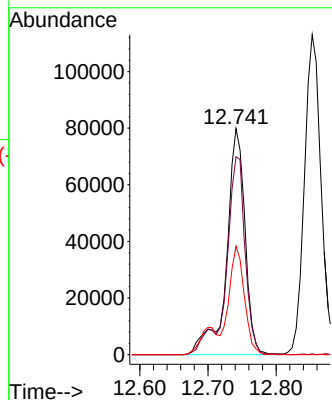
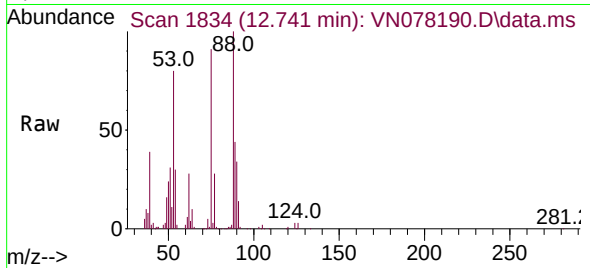




#81
trans-1,4-Dichloro-2-butene
Concen: 65.536 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

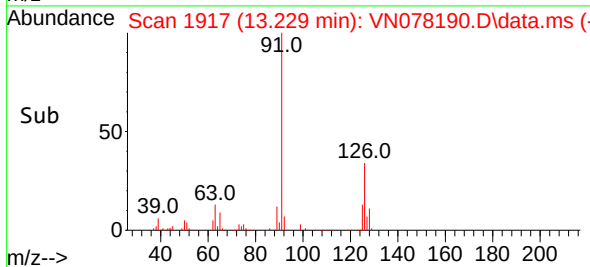
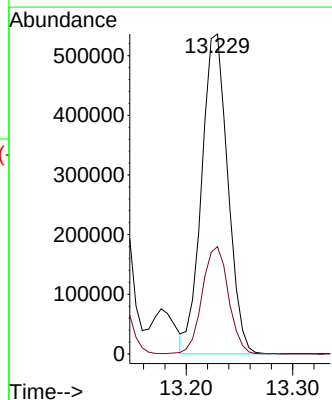
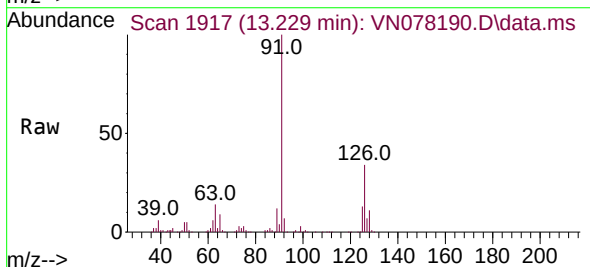
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

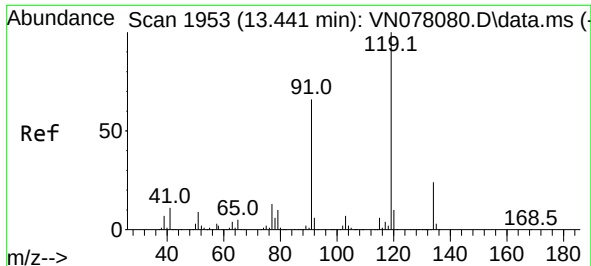
Tgt Ion: 75 Resp: 151133
Ion Ratio Lower Upper
75 100
53 89.1 67.4 101.2
89 39.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 49.370 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 91 Resp: 915828
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0

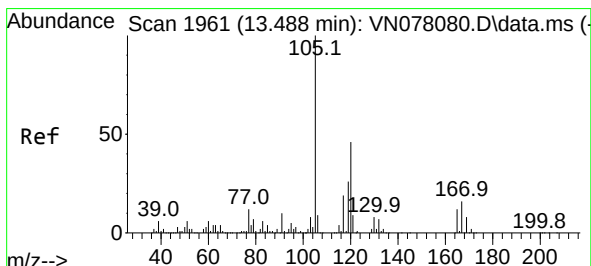
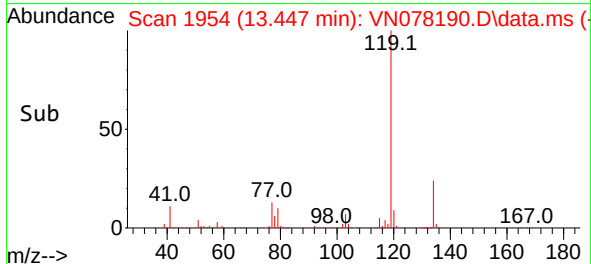
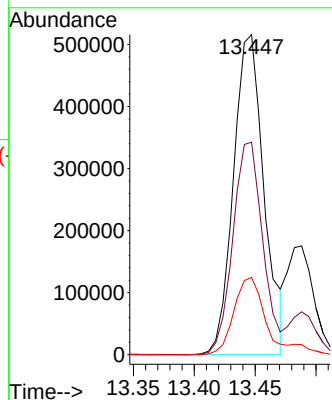
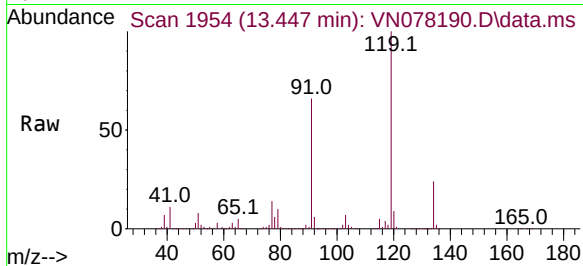




#83
tert-Butylbenzene
Concen: 45.168 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

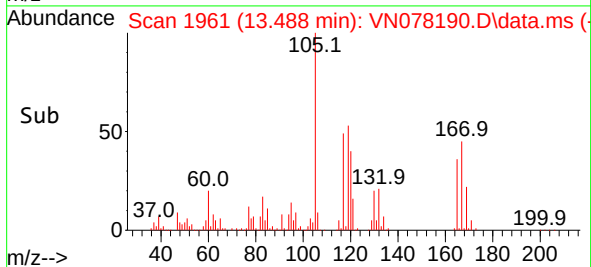
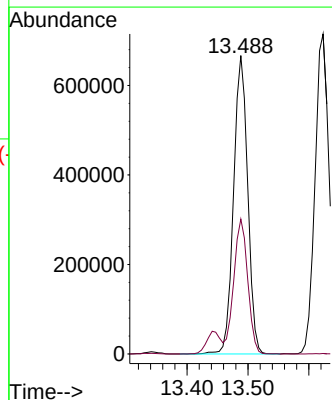
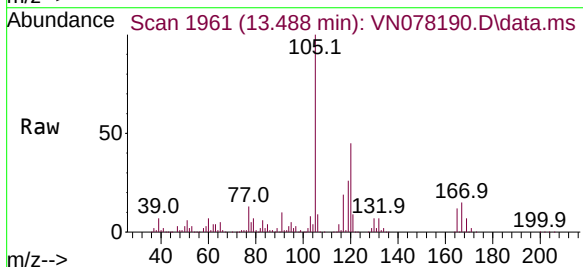
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

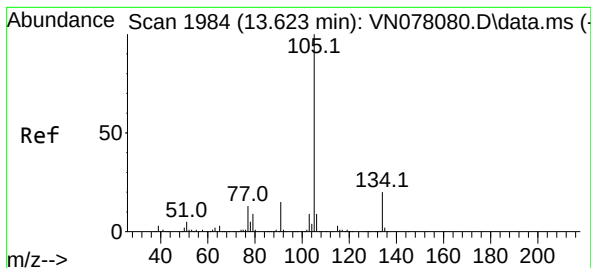
Tgt Ion:119 Resp: 900898
Ion Ratio Lower Upper
119 100
91 65.1 33.9 101.7
134 26.0 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 48.267 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion:105 Resp: 1073741
Ion Ratio Lower Upper
105 100
120 44.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 44.279 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

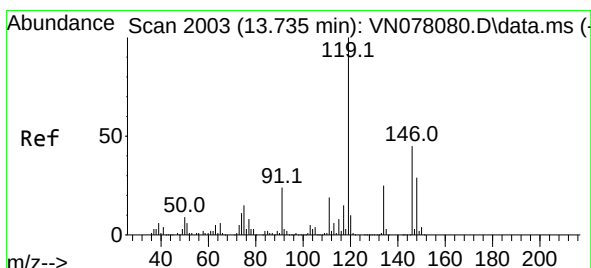
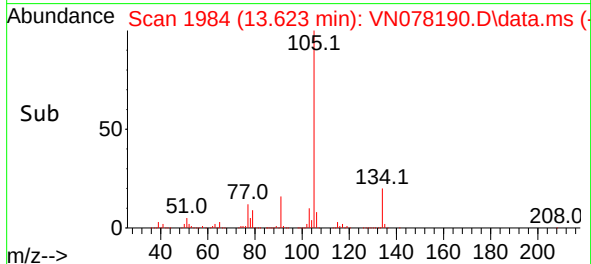
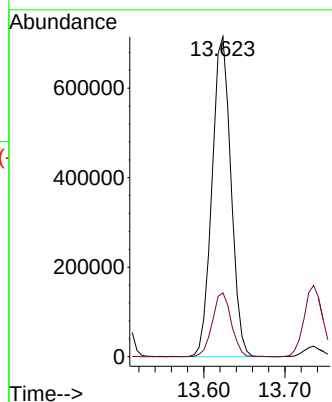
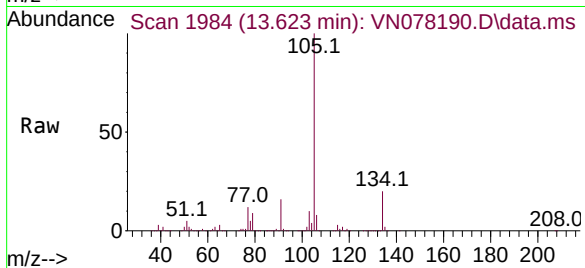
VSTDCCC050EC

Tgt Ion:105 Resp: 1155932

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 45.317 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

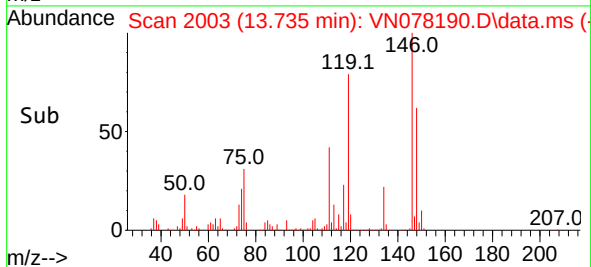
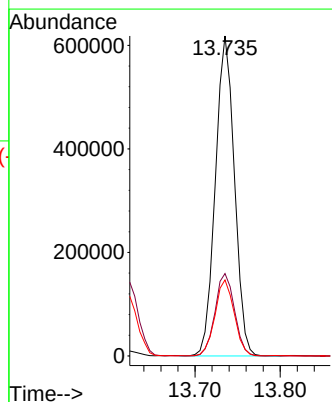
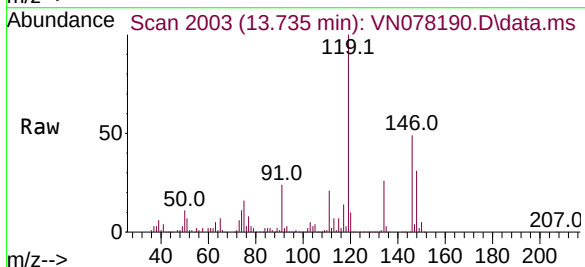
Tgt Ion:119 Resp: 960032

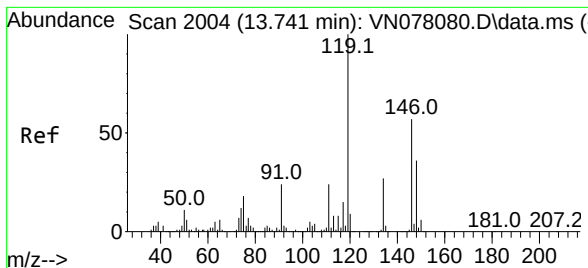
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

91 23.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.876 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

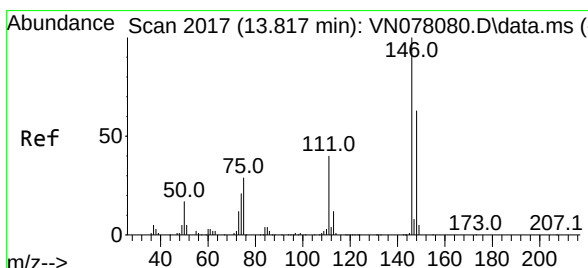
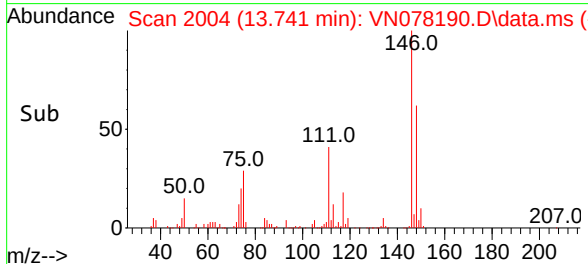
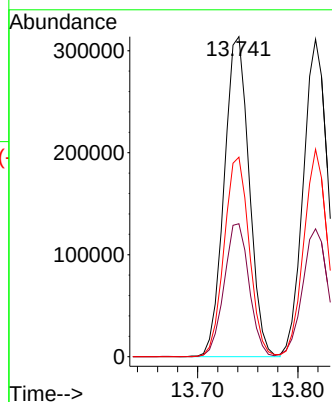
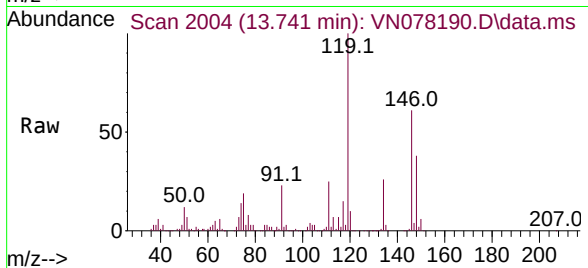
Tgt Ion:146 Resp: 543908

Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.3

148 62.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 49.080 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

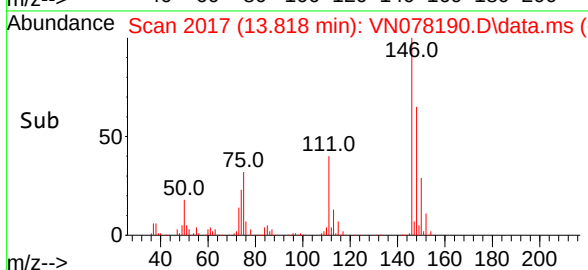
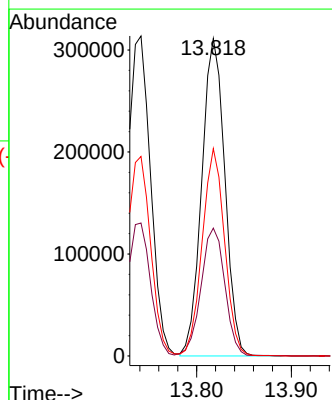
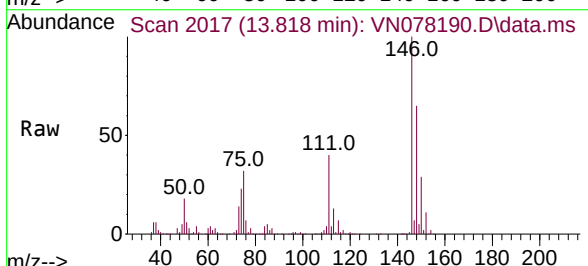
Tgt Ion:146 Resp: 527035

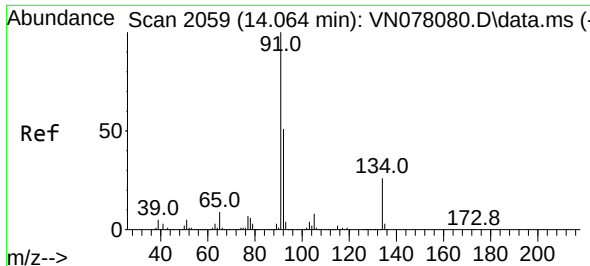
Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.8

148 63.3 31.6 94.8

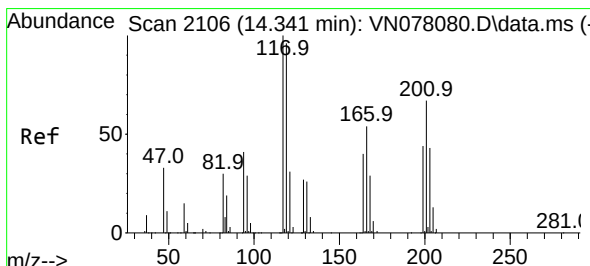
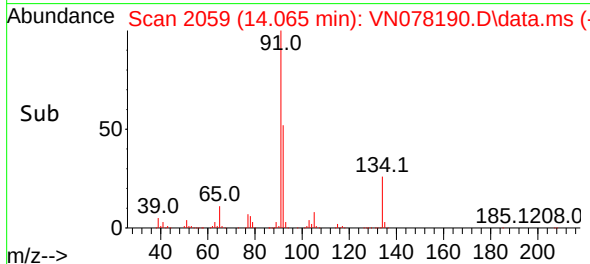
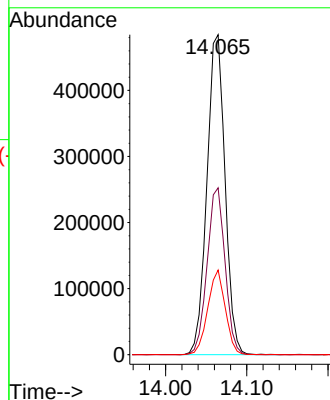
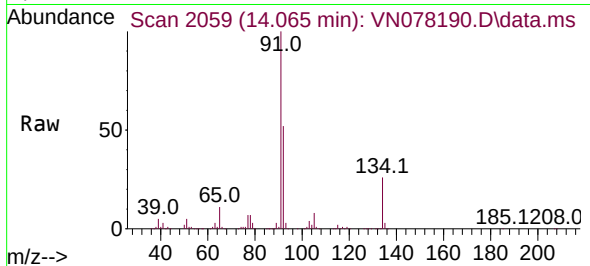




#89
n-Butylbenzene
Concen: 44.878 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

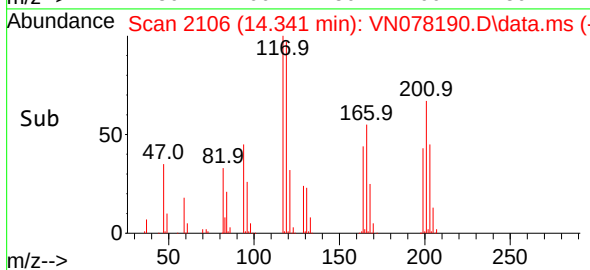
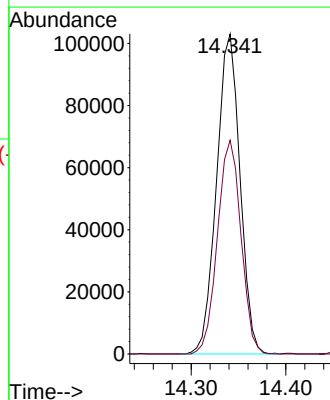
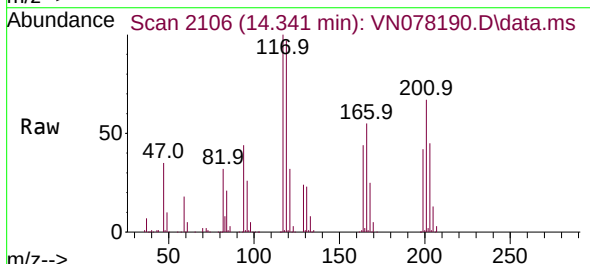
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

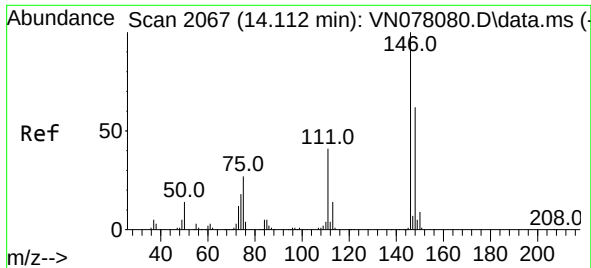
Tgt Ion: 91 Resp: 749902
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 25.6 12.6 37.6



#90
Hexachloroethane
Concen: 47.107 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 117 Resp: 177102
Ion Ratio Lower Upper
117 100
201 67.0 29.3 88.0

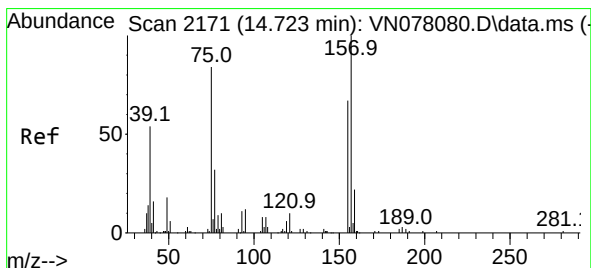
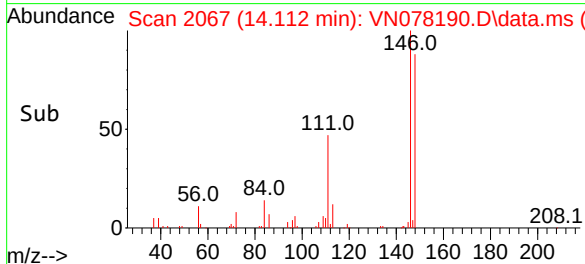
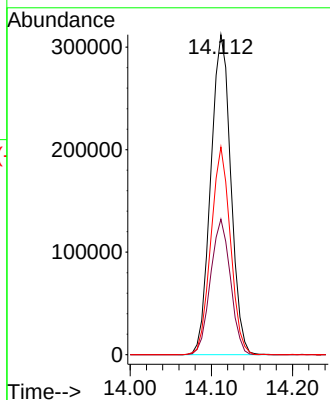
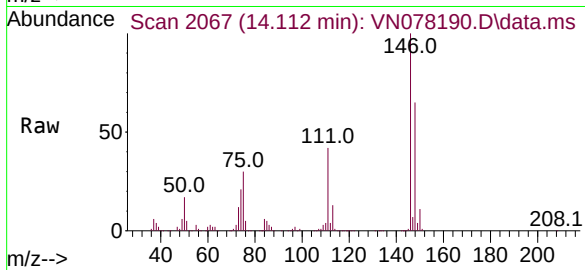




#91
 1,2-Dichlorobenzene
 Concen: 49.265 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

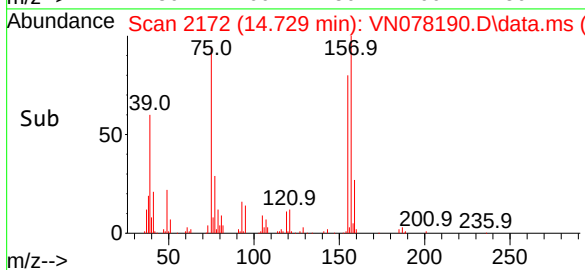
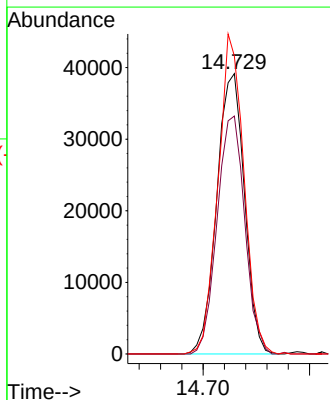
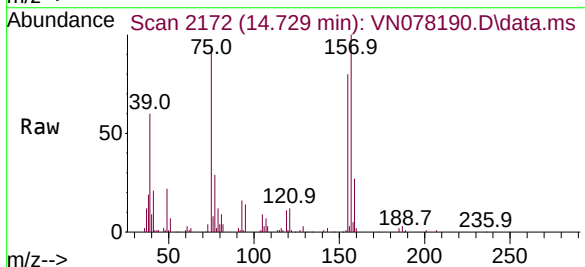
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

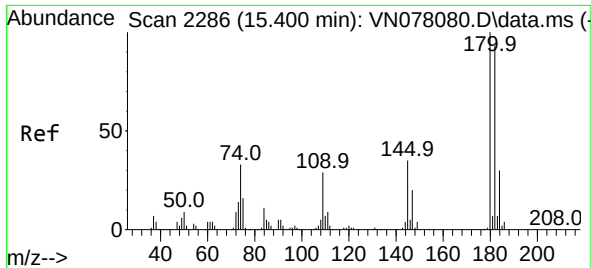
Tgt Ion:146 Resp: 535811
 Ion Ratio Lower Upper
 146 100
 111 42.0 22.0 66.0
 148 63.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.360 ug/l
 RT: 14.729 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

Tgt Ion: 75 Resp: 70694
 Ion Ratio Lower Upper
 75 100
 155 84.6 39.1 117.2
 157 106.6 50.3 150.9

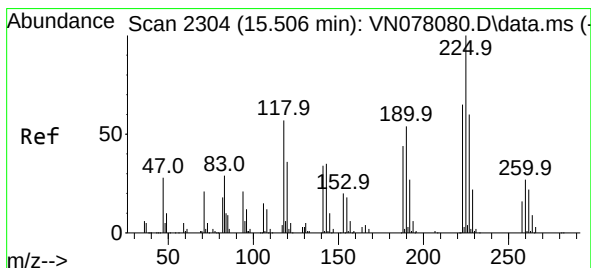
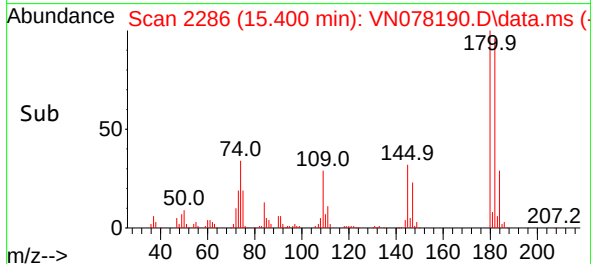
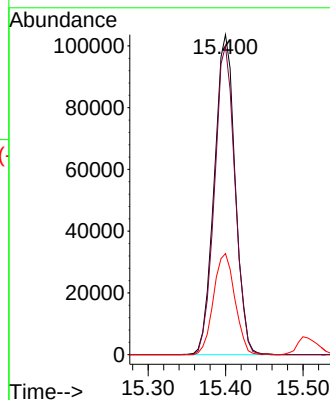
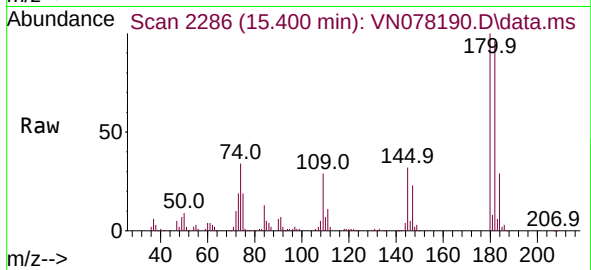




#93
 1,2,4-Trichlorobenzene
 Concen: 49.956 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

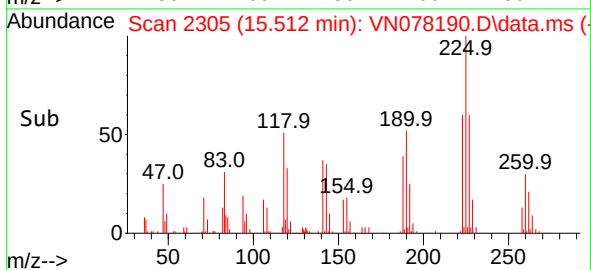
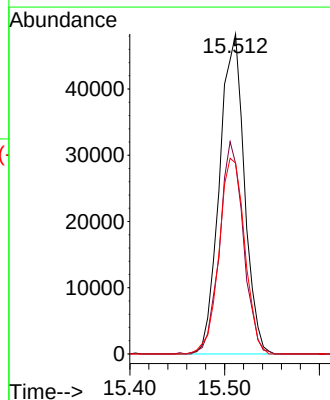
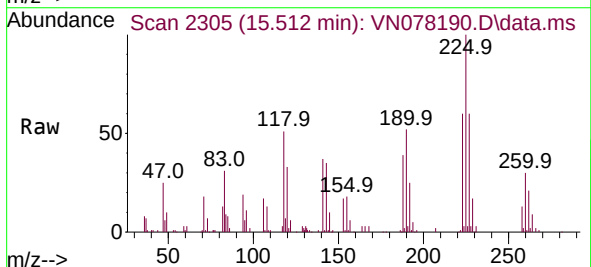
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

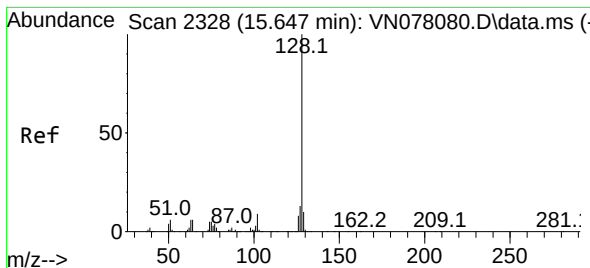
Tgt Ion:180 Resp: 193585
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.1 138.2
 145 32.5 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 46.096 ug/l
 RT: 15.512 min Scan# 2305
 Delta R.T. 0.006 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

Tgt Ion:225 Resp: 87956
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.3 93.8
 227 63.1 31.9 95.9





#95

Naphthalene

Concen: 49.893 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

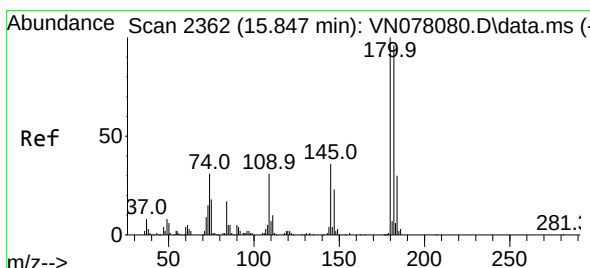
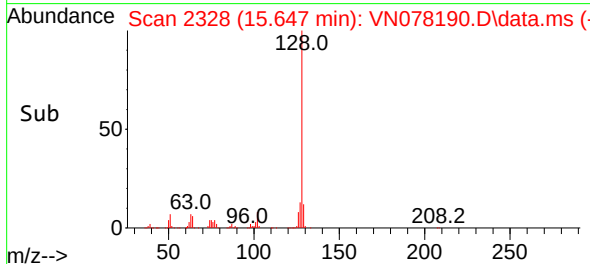
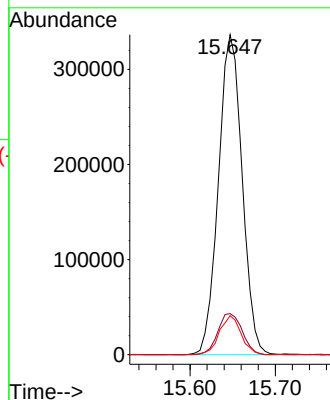
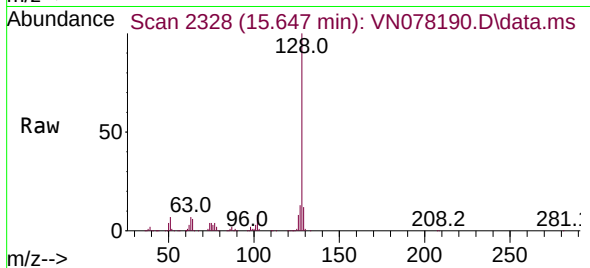
Tgt Ion:128 Resp: 650352

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 46.443 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Tgt Ion:180 Resp: 201285

Ion Ratio Lower Upper

180 100

182 96.4 46.2 138.6

145 35.3 17.5 52.6

