

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078980.D
 Acq On : 22 Aug 2023 09:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 02:55:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	180119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	311555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	280763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	145235	51.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.640%	
35) Dibromofluoromethane	8.171	113	110981	52.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.840%	
50) Toluene-d8	10.571	98	423564	54.392	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.853	95	144057	56.597	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	128247	51.314	ug/l	100
3) Chloromethane	2.365	50	148007	42.416	ug/l	98
4) Vinyl Chloride	2.518	62	150755	49.263	ug/l	100
5) Bromomethane	2.942	94	96747	55.064	ug/l	96
6) Chloroethane	3.112	64	99621	46.567	ug/l	99
7) Trichlorofluoromethane	3.495	101	189507	50.843	ug/l	99
8) Diethyl Ether	3.959	74	66468	47.040	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	4.371	101	99205	49.974	ug/l	99
10) Methyl Iodide	4.589	142	118774	53.476	ug/l	96
11) Tert butyl alcohol	5.524	59	95538	203.136	ug/l	99
12) 1,1-Dichloroethene	4.336	96	95551	49.413	ug/l	84
13) Acrolein	4.183	56	69442	283.837	ug/l	95
14) Allyl chloride	5.030	41	172136	44.726	ug/l #	86
15) Acrylonitrile	5.724	53	300747	236.044	ug/l	99
16) Acetone	4.430	43	320861	277.446	ug/l	91
17) Carbon Disulfide	4.712	76	276412	51.066	ug/l	98
18) Methyl Acetate	5.024	43	216082	44.229	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	345177	49.554	ug/l	94
20) Methylene Chloride	5.277	84	120009	48.694	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	112008	51.655	ug/l #	82
22) Diisopropyl ether	6.677	45	418010	51.340	ug/l #	90
23) Vinyl Acetate	6.606	43	1326137	247.369	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	222205	49.957	ug/l	99
25) 2-Butanone	7.483	43	444168	239.553	ug/l #	75
26) 2,2-Dichloropropane	7.494	77	184307	51.263	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	129168	49.010	ug/l	83
28) Bromochloromethane	7.818	49	118951	50.414	ug/l #	71
29) Tetrahydrofuran	7.841	42	283543	231.039	ug/l #	72
30) Chloroform	7.971	83	226419	50.953	ug/l	98
31) Cyclohexane	8.259	56	174649	49.963	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	196598	51.887	ug/l	94
36) 1,1-Dichloropropene	8.377	75	172520	54.686	ug/l	95
37) Ethyl Acetate	7.565	43	177351	50.245	ug/l #	87
38) Carbon Tetrachloride	8.365	117	169008	53.466	ug/l	98
39) Methylcyclohexane	9.606	83	141828	48.882	ug/l #	88
40) Benzene	8.612	78	491305	52.688	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	100991	52.534	ug/l #	79
42) 1,2-Dichloroethane	8.671	62	182162	52.289	ug/l	98
43) Isopropyl Acetate	8.694	43	298439	47.836	ug/l #	86
44) Trichloroethene	9.359	130	120922	54.577	ug/l	94
45) 1,2-Dichloropropane	9.624	63	134821	54.305	ug/l	98
46) Dibromomethane	9.712	93	88255	51.828	ug/l	95
47) Bromodichloromethane	9.894	83	185786	55.252	ug/l	96
48) Methyl methacrylate	9.688	41	141285	49.975	ug/l #	76
49) 1,4-Dioxane	9.694	88	45109	936.768	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	902993	244.037	ug/l #	86
52) Toluene	10.635	92	307213	53.661	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	196918	54.609	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	211061	53.742	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	119423	52.024	ug/l	97
56) Ethyl methacrylate	10.877	69	185072	52.010	ug/l #	74
57) 1,3-Dichloropropane	11.171	76	212405	51.732	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	390656	228.706	ug/l	89
59) 2-Hexanone	11.200	43	653499	243.836	ug/l	84
60) Dibromochloromethane	11.365	129	133323	55.192	ug/l	99
61) 1,2-Dibromoethane	11.471	107	120981	51.862	ug/l	99
64) Tetrachloroethene	11.106	164	94351	53.587	ug/l	95
65) Chlorobenzene	11.894	112	314946	52.698	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	120337	53.280	ug/l	97
67) Ethyl Benzene	11.965	91	581284	53.484	ug/l	96
68) m/p-Xylenes	12.071	106	443679	109.188	ug/l	96
69) o-Xylene	12.400	106	216288	54.718	ug/l	98
70) Styrene	12.418	104	360011	54.621	ug/l	98
71) Bromoform	12.582	173	89740	54.653	ug/l #	99
73) Isopropylbenzene	12.700	105	517570	48.760	ug/l	99
74) N-amyl acetate	12.500	43	246162	45.944	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	183963	47.999	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	225158	73.404	ug/l	68
77) Bromobenzene	12.982	156	126200	49.462	ug/l	96
78) n-propylbenzene	13.041	91	604880	49.142	ug/l	100
79) 2-Chlorotoluene	13.129	91	375395	49.166	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	419925	49.921	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	58024	48.324	ug/l #	77
82) 4-Chlorotoluene	13.224	91	372232	49.824	ug/l	98
83) tert-Butylbenzene	13.441	119	324910	45.972	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	423276	50.819	ug/l	98
85) sec-Butylbenzene	13.618	105	452739	46.547	ug/l	100
86) p-Isopropyltoluene	13.735	119	381463	49.088	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	223779	50.970	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	218272	49.671	ug/l	99
89) n-Butylbenzene	14.059	91	304359	47.592	ug/l	98
90) Hexachloroethane	14.335	117	72817	46.745	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	219904	50.366	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29787	46.712	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	73553	47.521	ug/l	97
94) Hexachlorobutadiene	15.506	225	35546	43.164	ug/l	98
95) Naphthalene	15.647	128	227927	39.427	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	77070	45.463	ug/l	97

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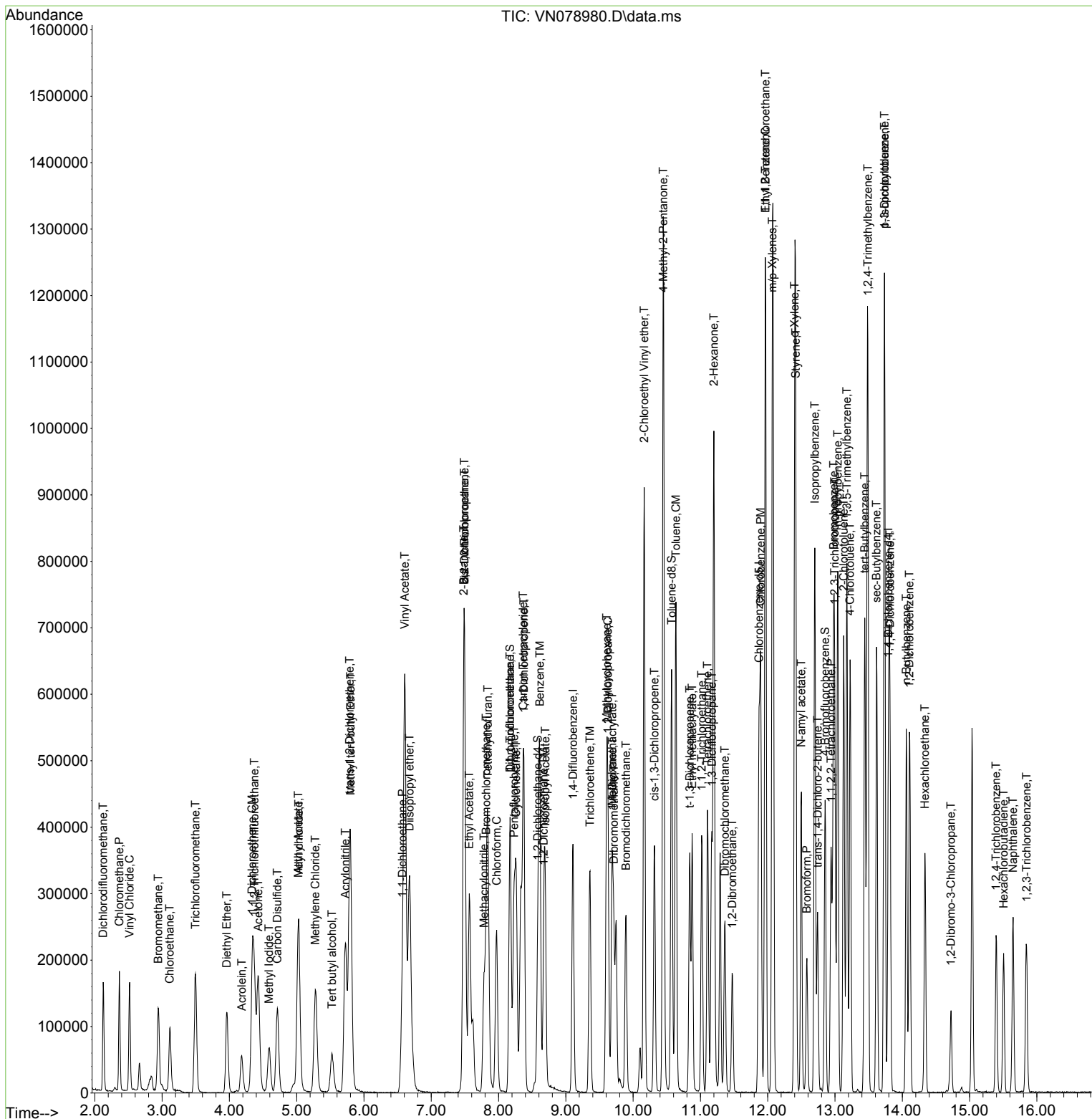
Instrument :
MSVOA_N
ClientSampleId :

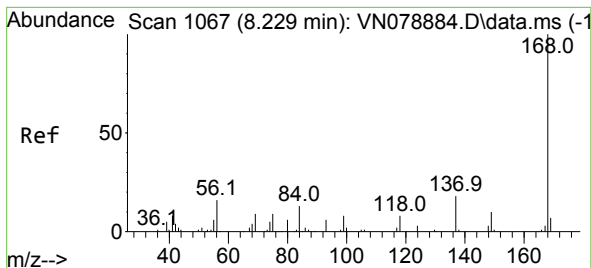
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

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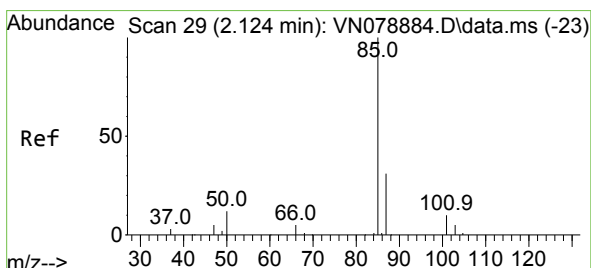
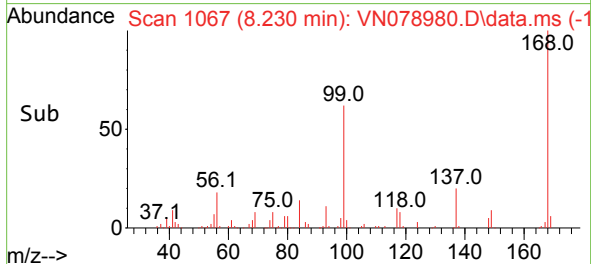
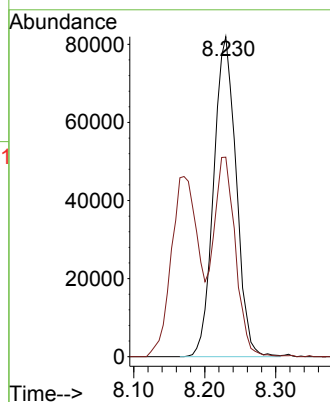
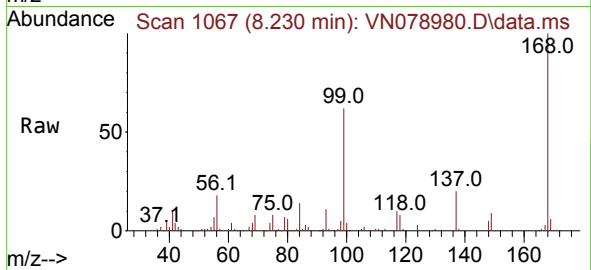
ClientSampleId :

Tgt Ion:168 Resp: 180119

Ion Ratio Lower Upper

168 100

99 62.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 51.314 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.012 min

Lab File: VN078980.D

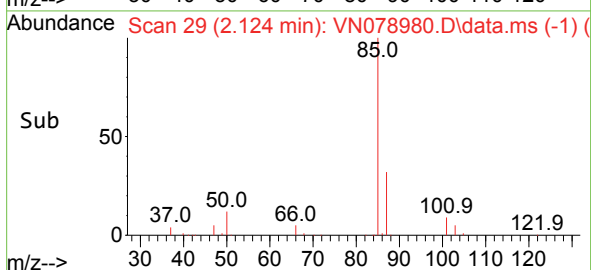
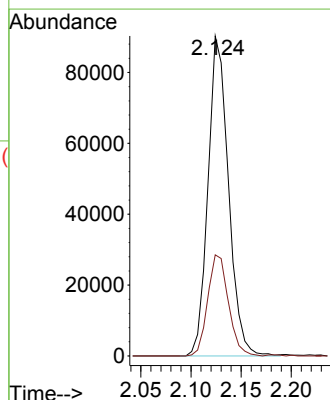
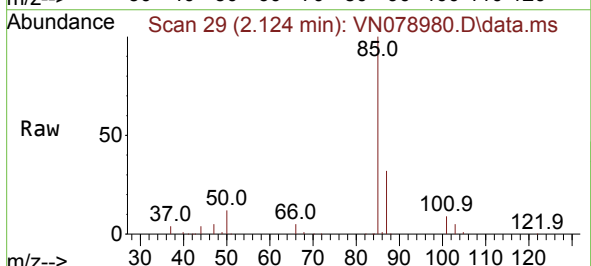
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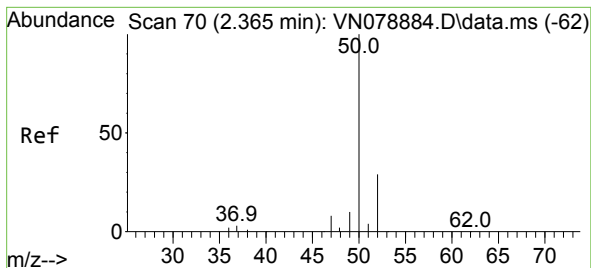
Tgt Ion: 85 Resp: 128247

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4





#3

Chloromethane

Concen: 42.416 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

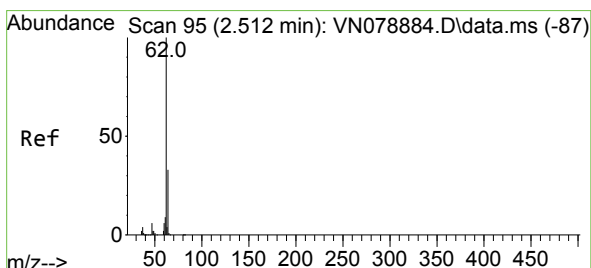
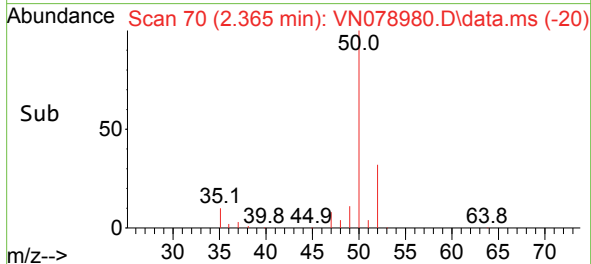
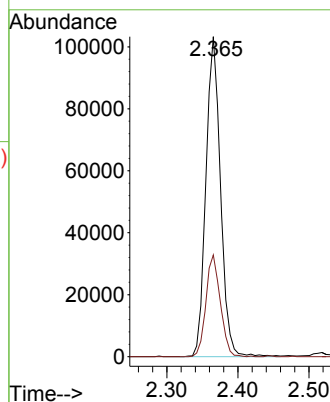
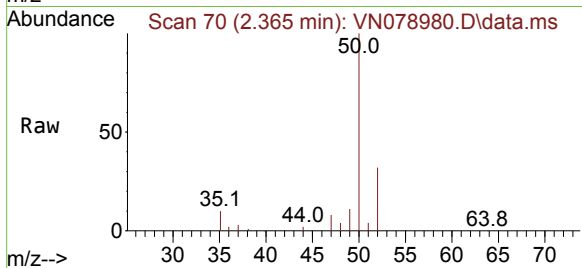
ClientSampleId :

Tgt Ion: 50 Resp: 148007

Ion Ratio Lower Upper

50 100

52 31.8 26.5 39.7



#4

Vinyl Chloride

Concen: 49.263 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078980.D

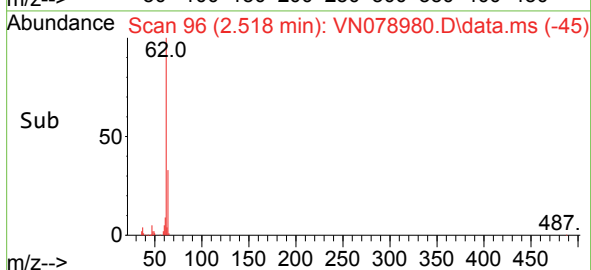
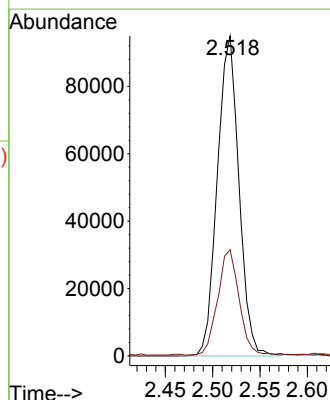
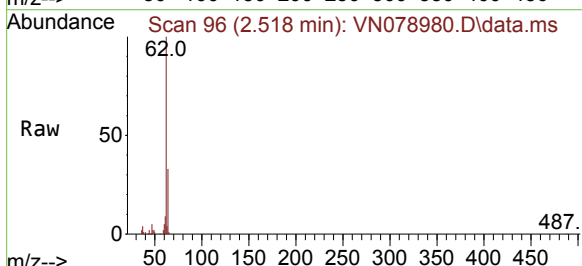
Acq: 22 Aug 2023 09:20

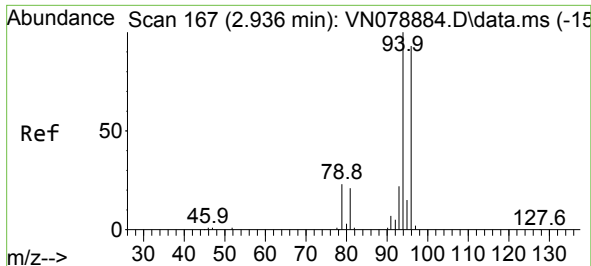
Tgt Ion: 62 Resp: 150755

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.2

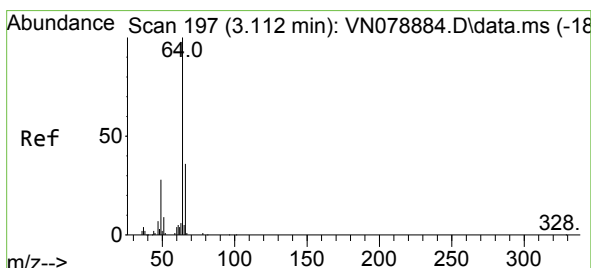
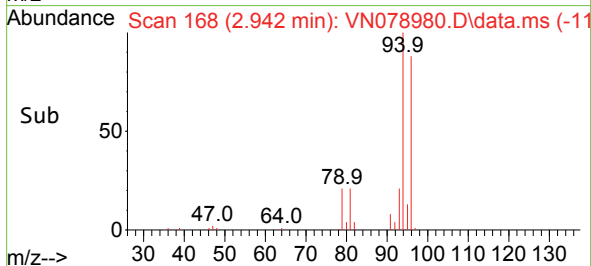
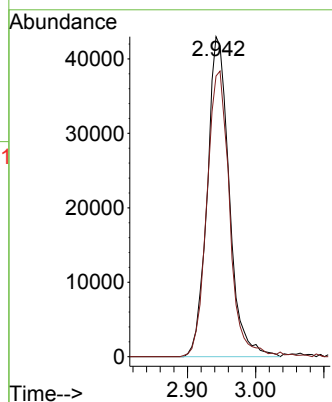
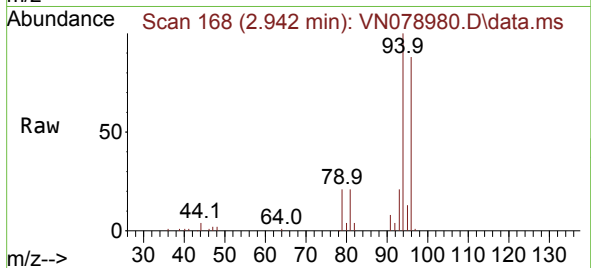




#5
Bromomethane
Concen: 55.064 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078980.D
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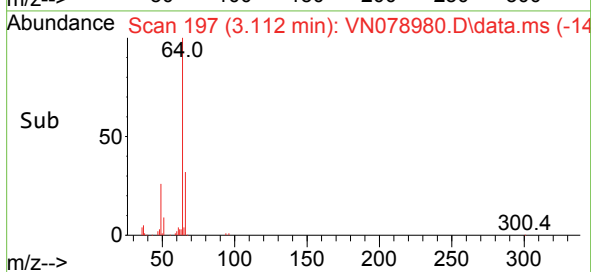
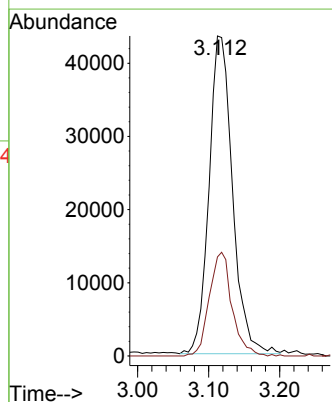
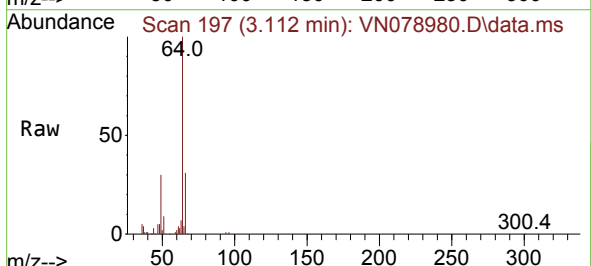
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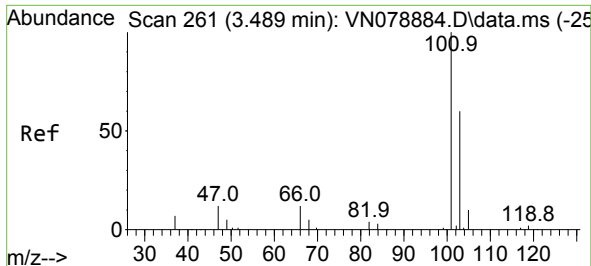
Tgt Ion: 94 Resp: 96747
Ion Ratio Lower Upper
94 100
96 87.7 73.1 109.7



#6
Chloroethane
Concen: 46.567 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 64 Resp: 99621
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2

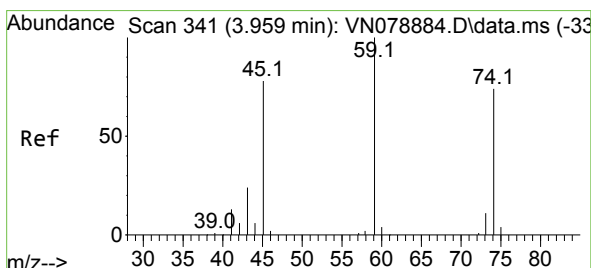
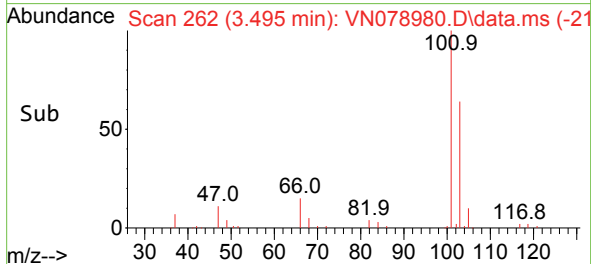
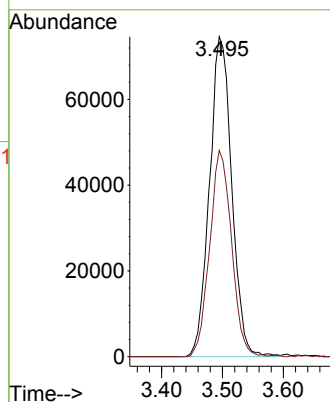
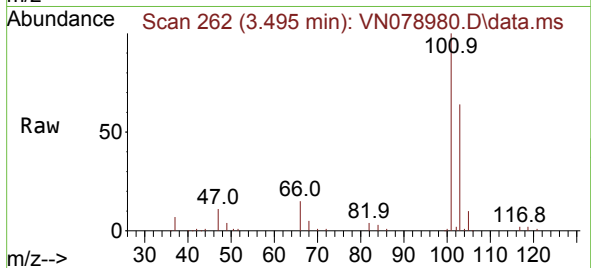




#7
 Trichlorofluoromethane
 Concen: 50.843 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN078980.D
 Acq: 22 Aug 2023 09:20

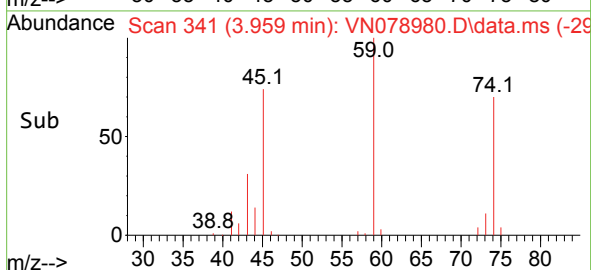
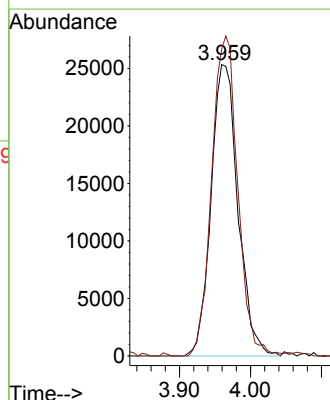
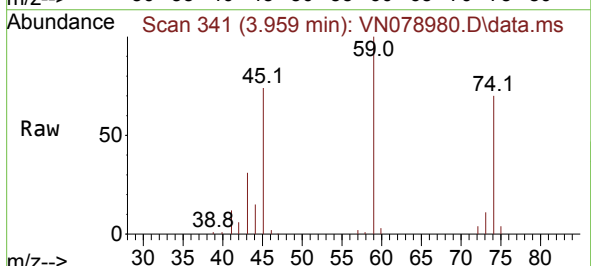
Instrument :
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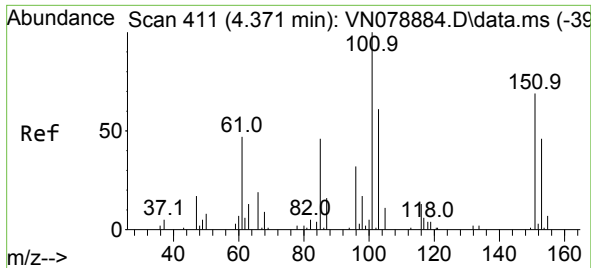
Tgt Ion:101 Resp: 189507
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.040 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.012 min
 Lab File: VN078980.D
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Tgt Ion: 74 Resp: 66468
 Ion Ratio Lower Upper
 74 100
 45 106.5 34.4 103.3#

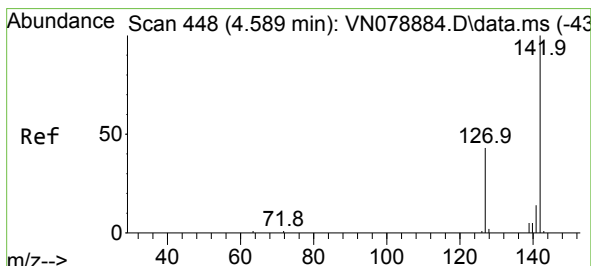
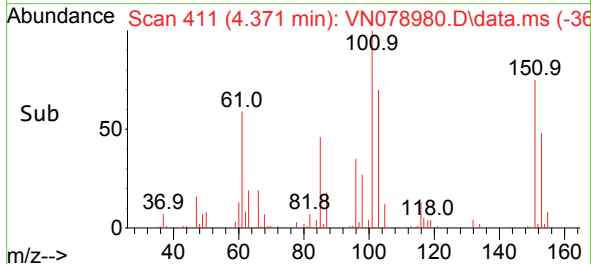
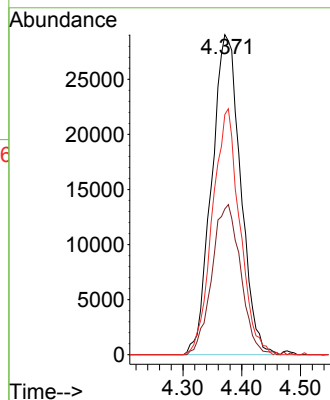
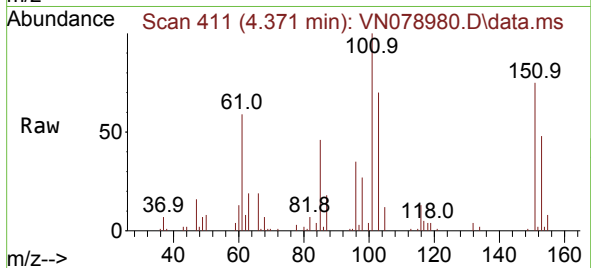




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.974 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
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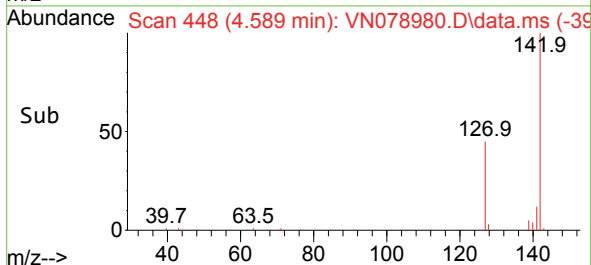
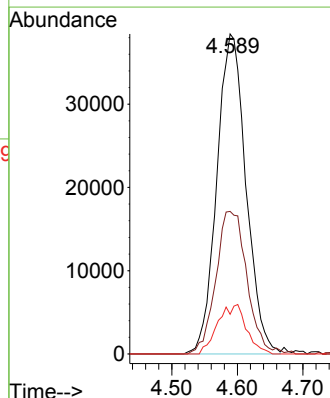
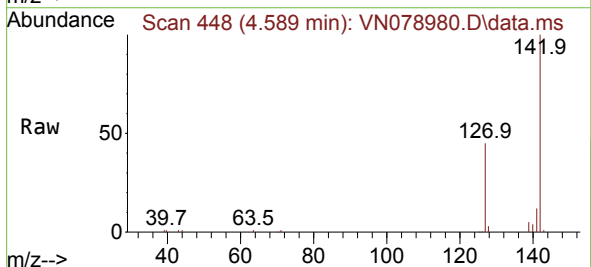
Instrument :
MSVOA_N
ClientSampleId :

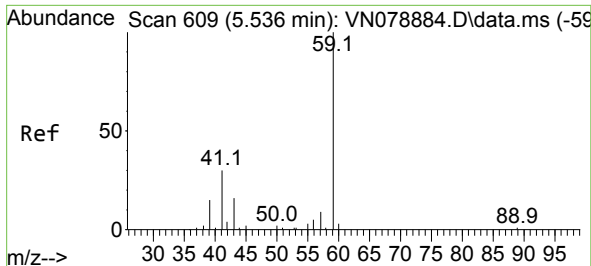
Tgt Ion:101 Resp: 99205
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 72.8 57.6 86.4



#10
Methyl Iodide
Concen: 53.476 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion:142 Resp: 118774
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 12.4 11.4 17.0

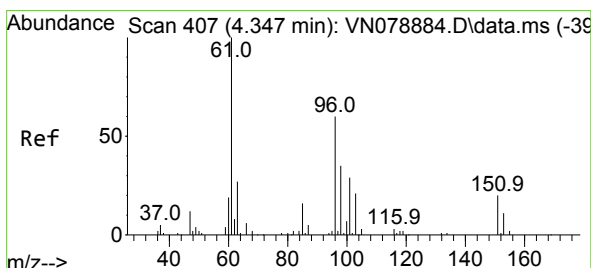
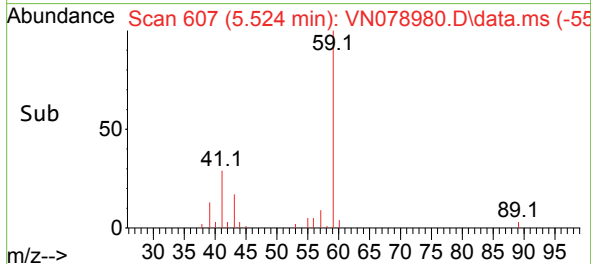
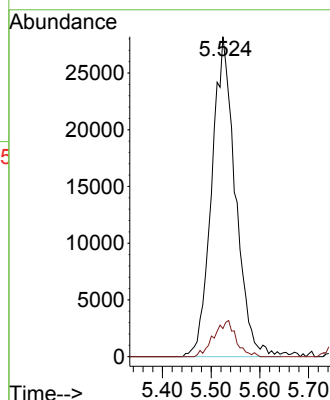
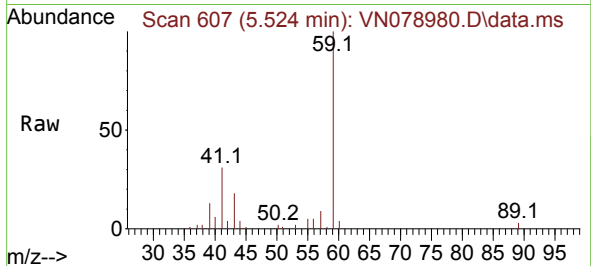




#11
Tert butyl alcohol
Concen: 203.136 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

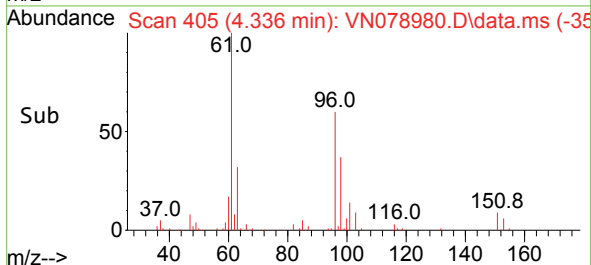
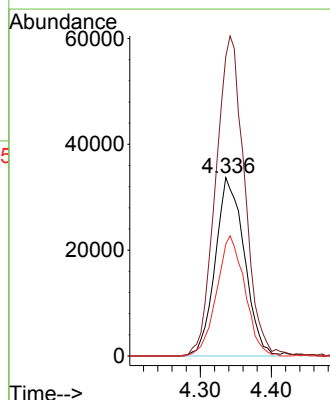
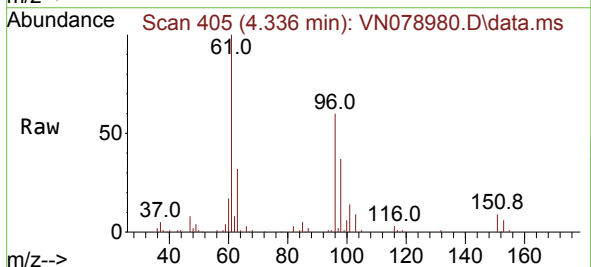
Instrument :
MSVOA_N
ClientSampleId :

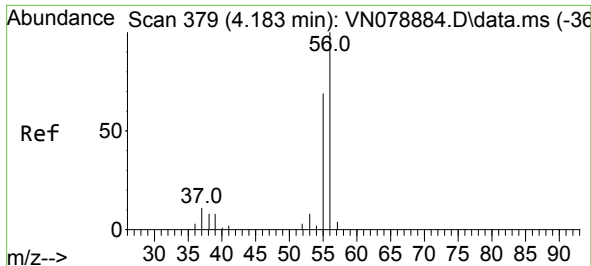
Tgt Ion: 59 Resp: 95538
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.413 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

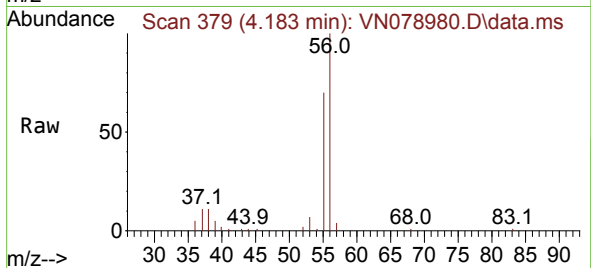
Tgt Ion: 96 Resp: 95551
Ion Ratio Lower Upper
96 100
61 168.0 112.7 169.1
98 62.7 51.2 76.8



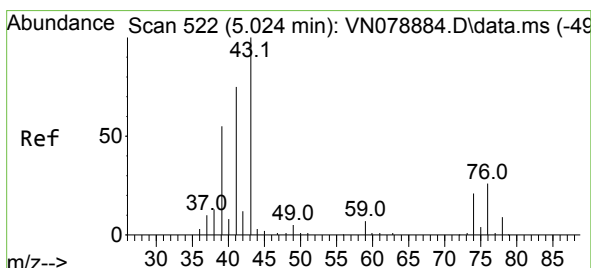
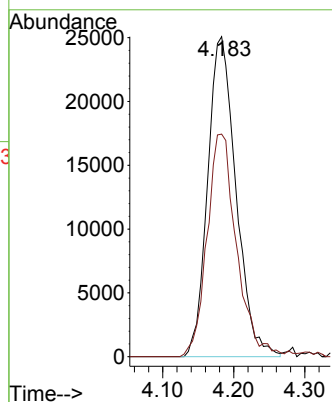
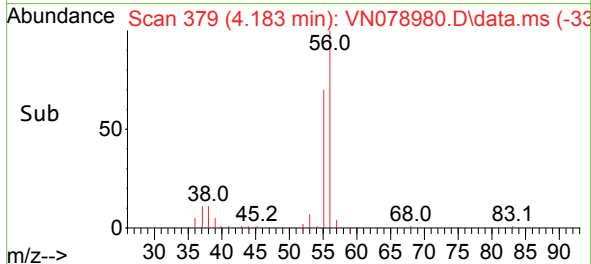


#13
Acrolein
Concen: 283.837 ug/l
RT: 4.183 min Scan# 313
Delta R.T. -0.012 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Instrument :
MSVOA_N
ClientSampleId :

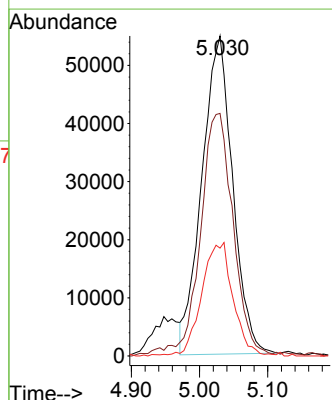
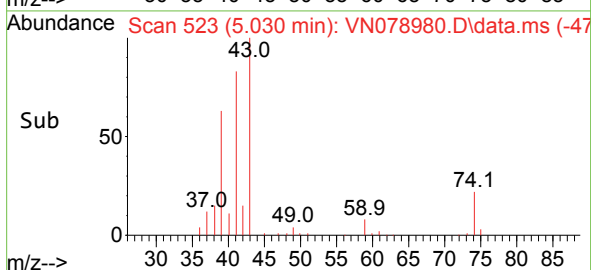
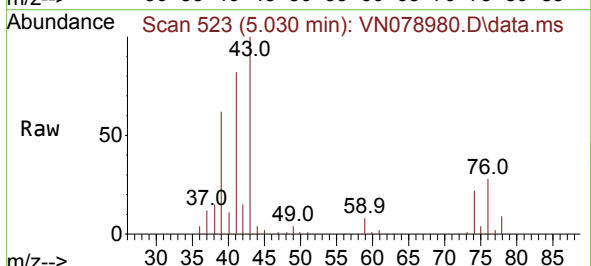


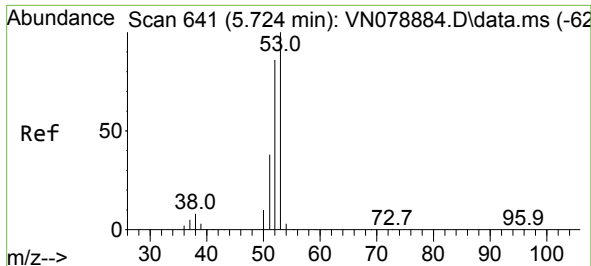
Tgt Ion: 56 Resp: 69442
Ion Ratio Lower Upper
56 100
55 72.4 54.5 81.7



#14
Allyl chloride
Concen: 44.726 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 41 Resp: 172136
Ion Ratio Lower Upper
41 100
39 81.3 58.8 88.2
76 35.1 39.1 58.7#

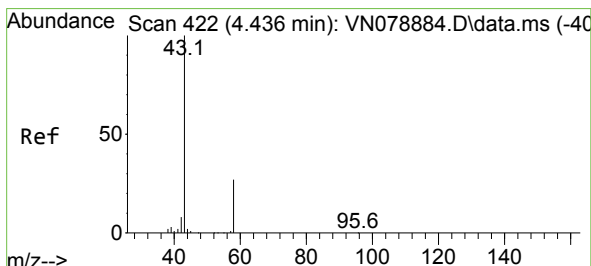
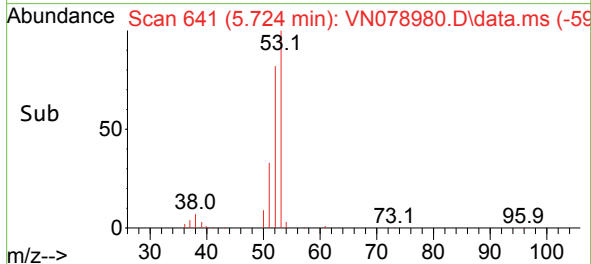
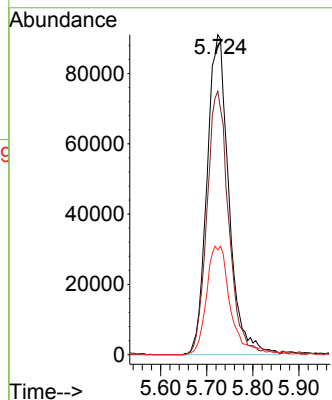
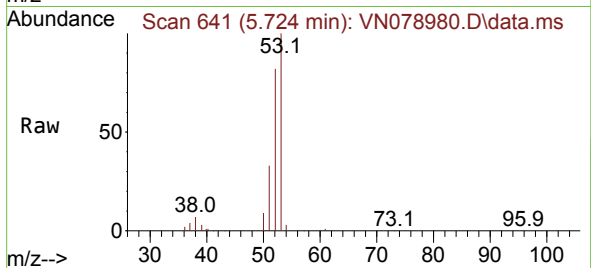




#15
Acrylonitrile
Concen: 236.044 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

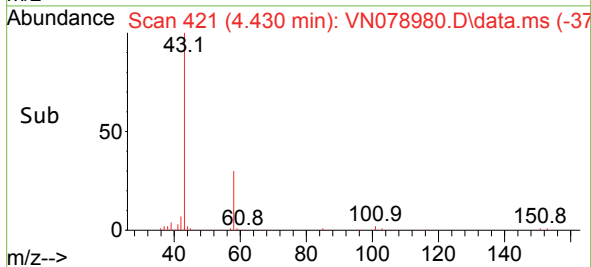
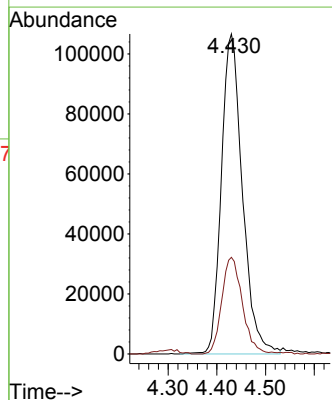
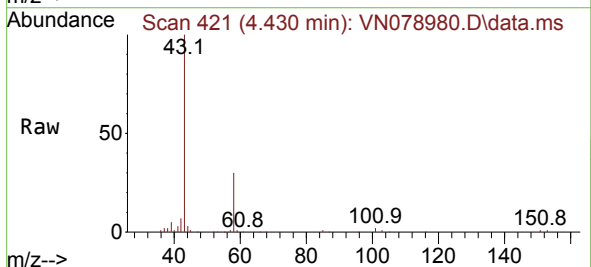
Instrument :
MSVOA_N
ClientSampleId :

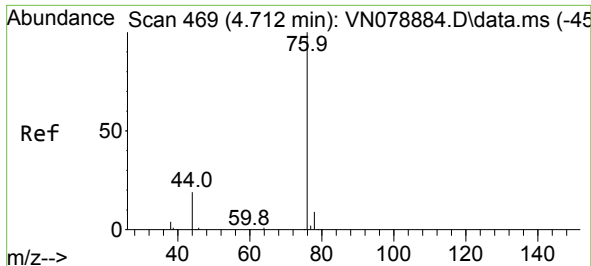
Tgt Ion: 53 Resp: 300747
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 37.1 28.9 43.3



#16
Acetone
Concen: 277.446 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 43 Resp: 320861
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0

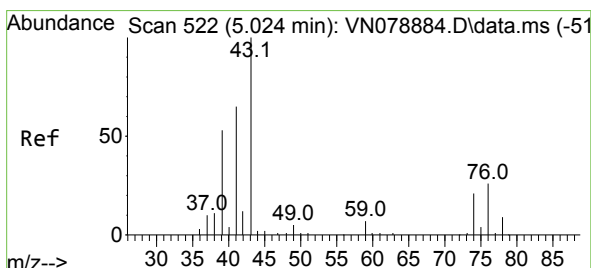
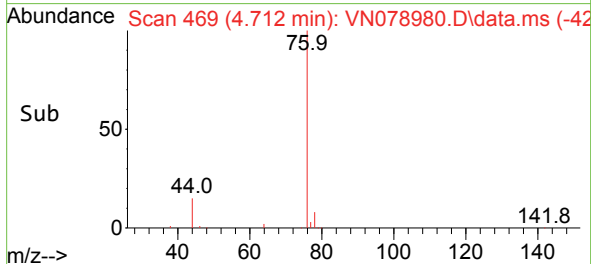
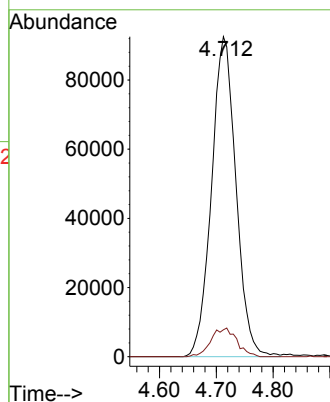
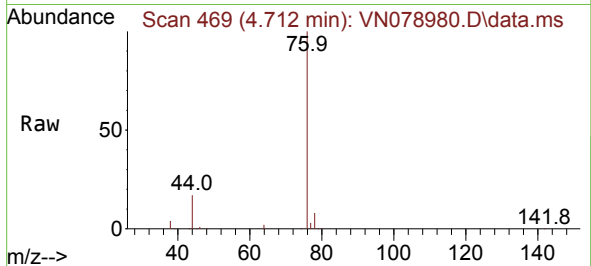




#17
Carbon Disulfide
Concen: 51.066 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

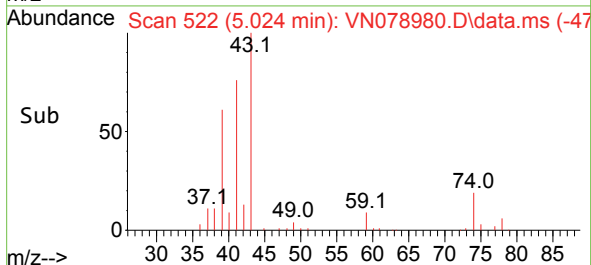
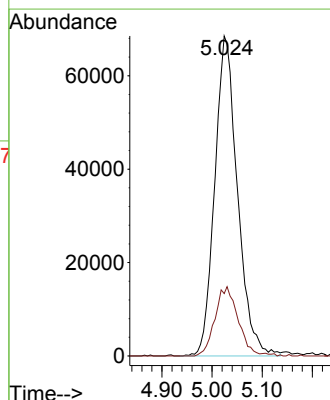
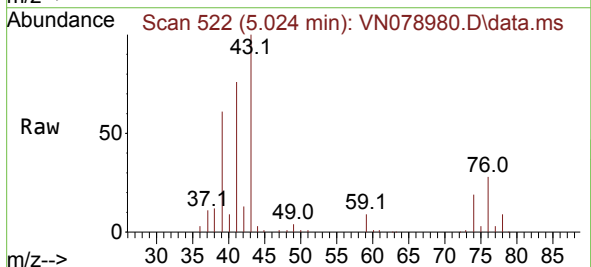
Instrument :
MSVOA_N
ClientSampleId :

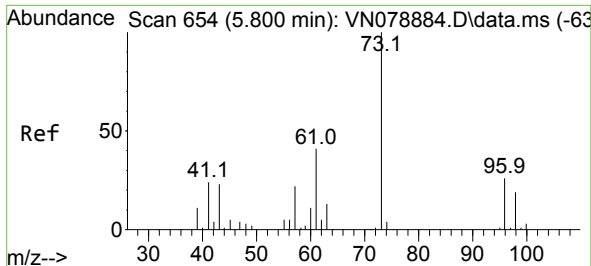
Tgt Ion: 76 Resp: 276412
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 44.229 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 43 Resp: 216082
Ion Ratio Lower Upper
43 100
74 22.2 26.2 39.4#

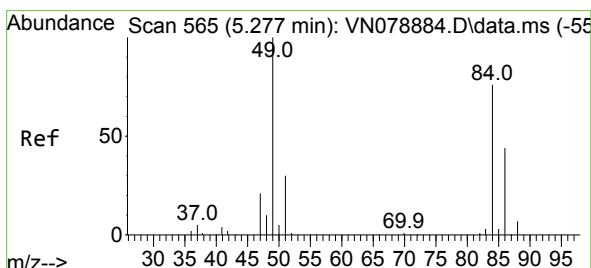
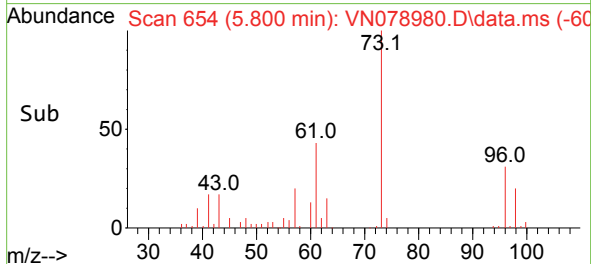
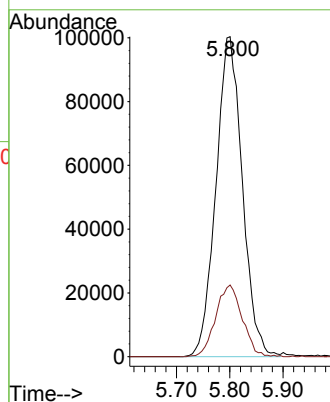
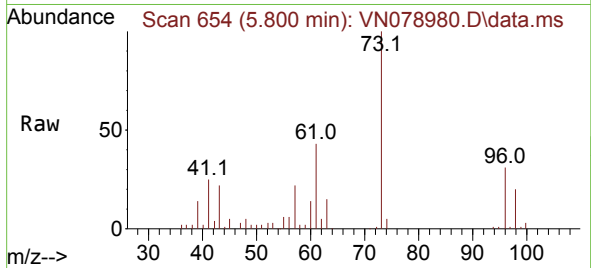




#19
Methyl tert-butyl Ether
Concen: 49.554 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

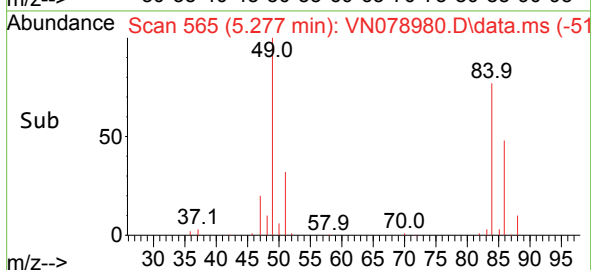
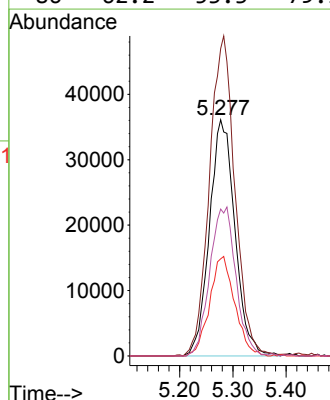
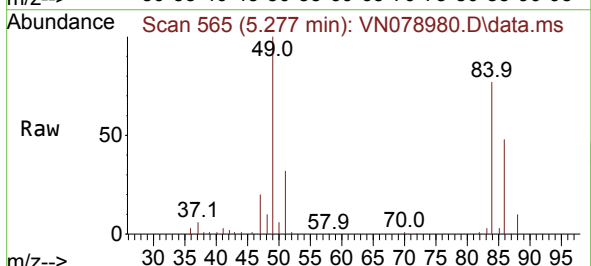
Instrument :
MSVOA_N
ClientSampleId :

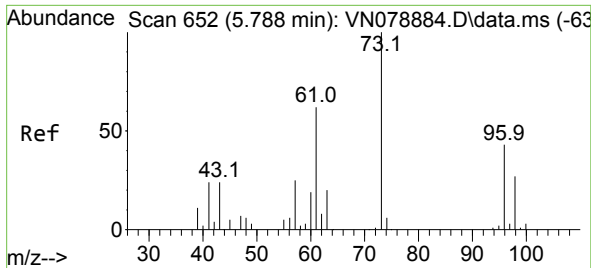
Tgt Ion: 73 Resp: 345177
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4



#20
Methylene Chloride
Concen: 48.694 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 84 Resp: 120009
Ion Ratio Lower Upper
84 100
49 129.7 79.7 119.5#
51 41.1 25.2 37.8#
86 62.2 53.3 79.9

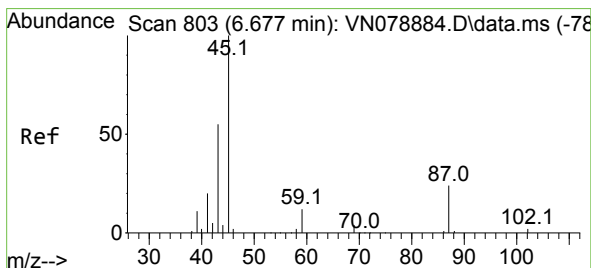
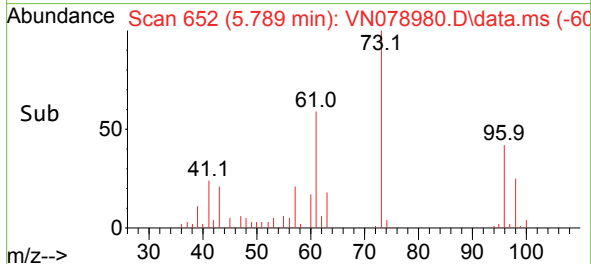
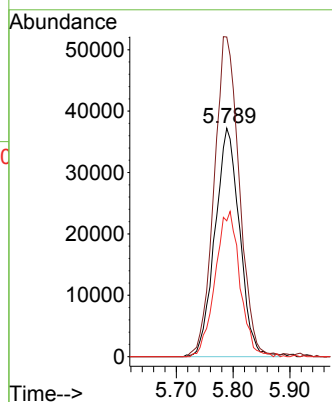
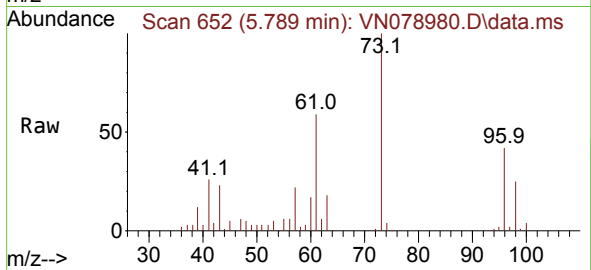




#21
trans-1,2-Dichloroethene
Concen: 51.655 ug/l
RT: 5.789 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

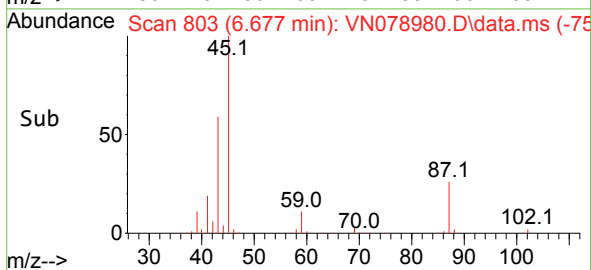
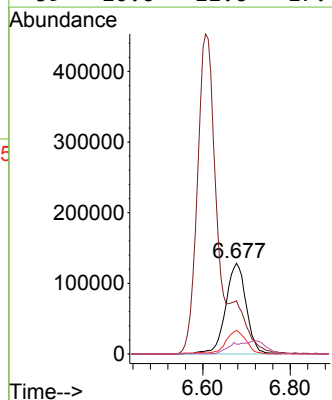
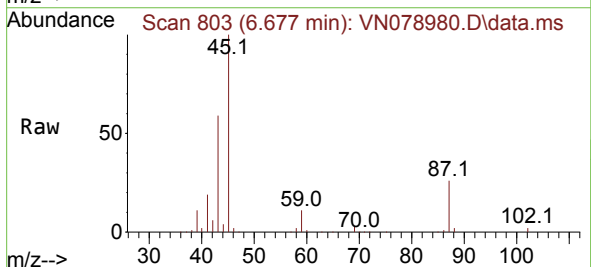
Instrument :
MSVOA_N
ClientSampleId :

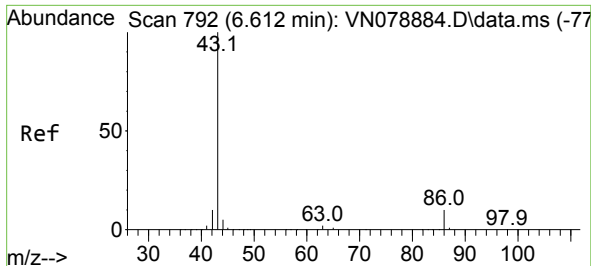
Tgt Ion: 96 Resp: 112008
Ion Ratio Lower Upper
96 100
61 140.0 90.1 135.1#
98 59.5 46.4 69.6



#22
Diisopropyl ether
Concen: 51.340 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 45 Resp: 418010
Ion Ratio Lower Upper
45 100
43 57.4 45.5 68.3
87 25.9 31.8 47.8#
59 10.6 11.6 17.4#

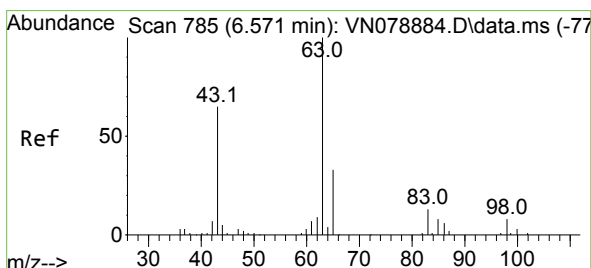
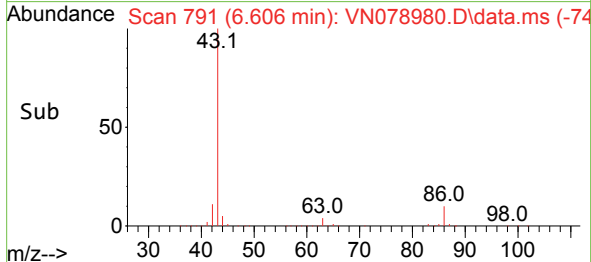
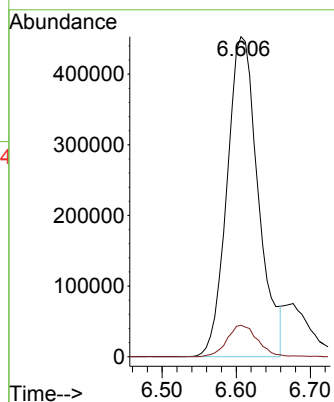
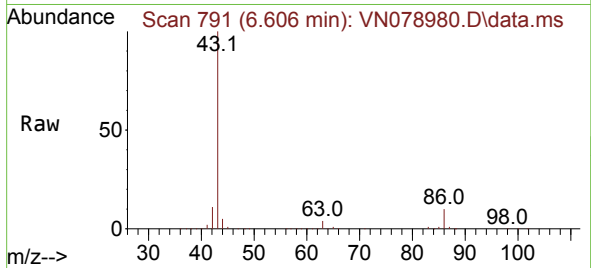




#23
 Vinyl Acetate
 Concen: 247.369 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN078980.D
 Acq: 22 Aug 2023 09:20

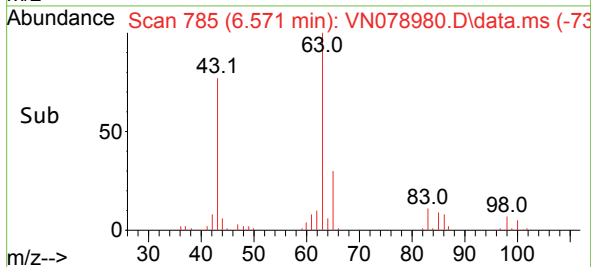
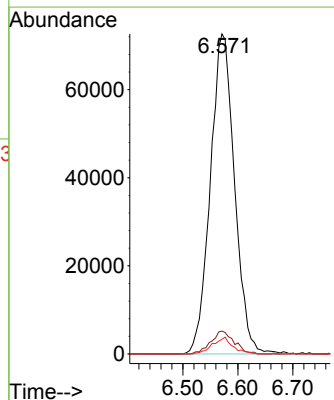
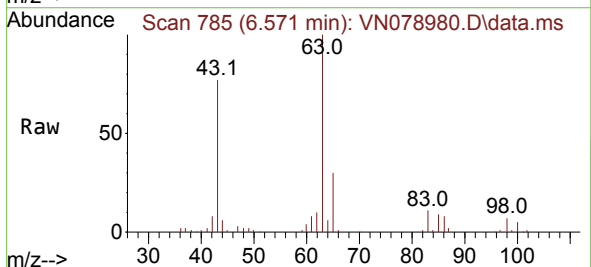
Instrument :
 MSVOA_N
 ClientSampleId :

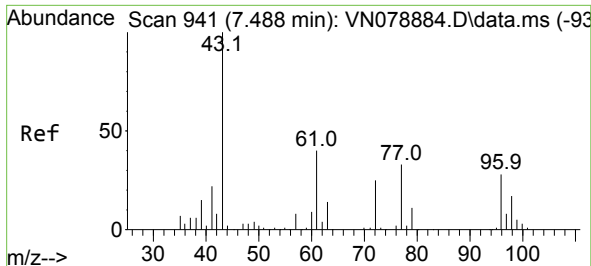
Tgt Ion: 43 Resp: 1326137
 Ion Ratio Lower Upper
 43 100
 86 9.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 49.957 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078980.D
 Acq: 22 Aug 2023 09:20

Tgt Ion: 63 Resp: 222205
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.6 2.5 7.4

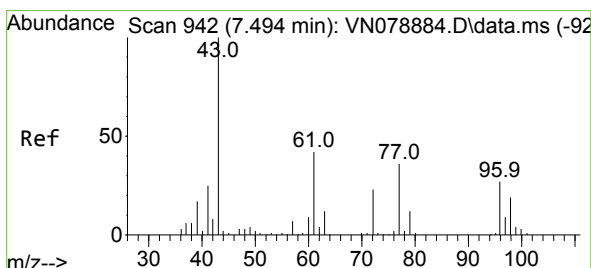
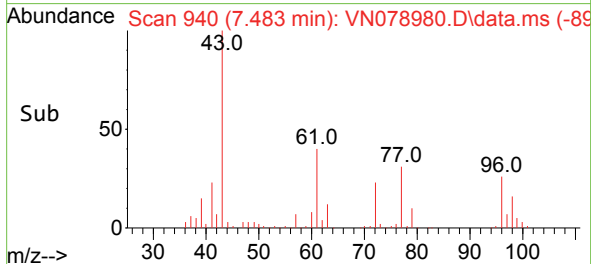
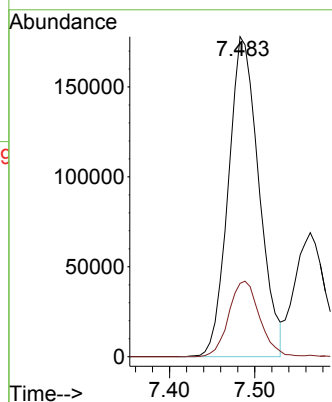
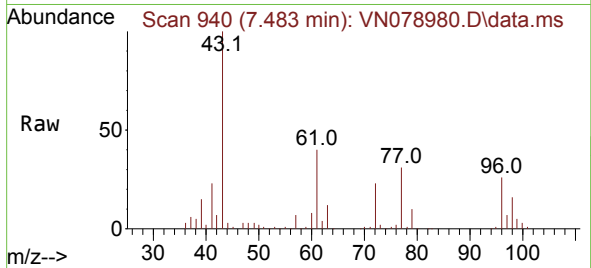




#25
2-Butanone
Concen: 239.553 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.011 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

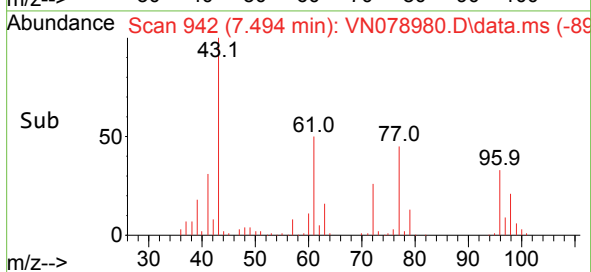
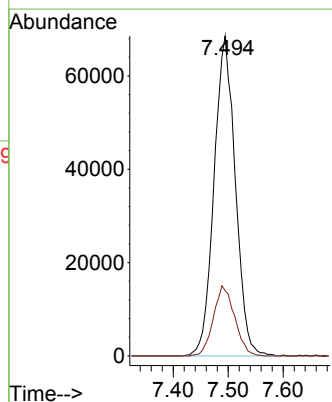
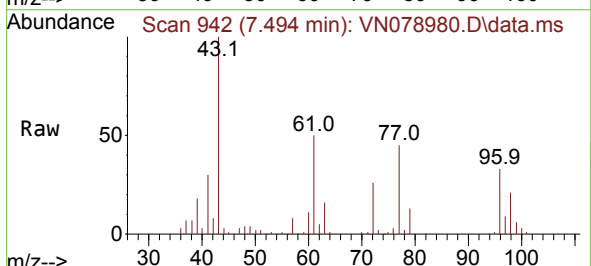
Instrument :
MSVOA_N
ClientSampleId :

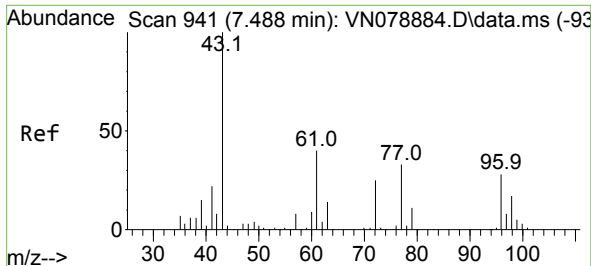
Tgt Ion: 43 Resp: 444168
Ion Ratio Lower Upper
43 100
72 22.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 51.263 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

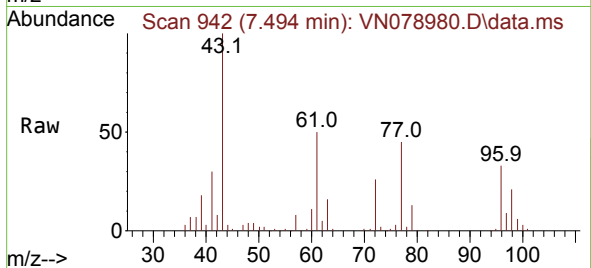
Tgt Ion: 77 Resp: 184307
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6



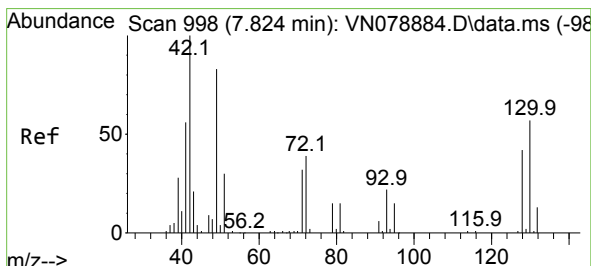
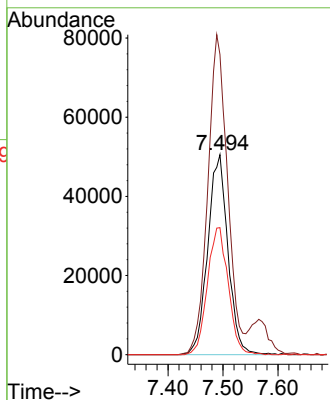
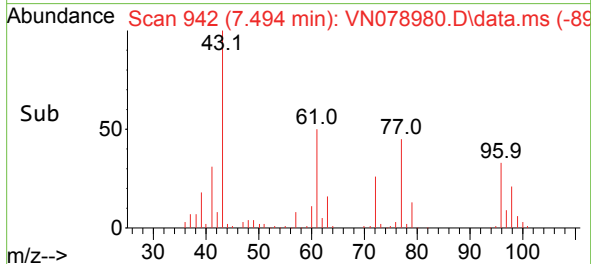


#27
 cis-1,2-Dichloroethene
 Concen: 49.010 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078980.D
 Acq: 22 Aug 2023 09:20

Instrument :
 MSVOA_N
 ClientSampleId :

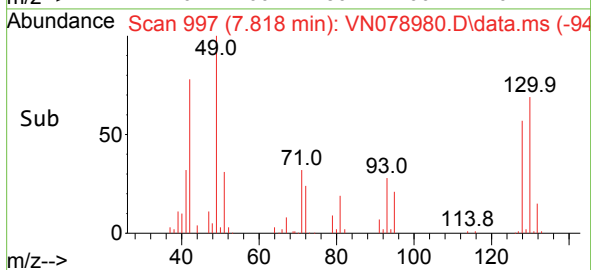
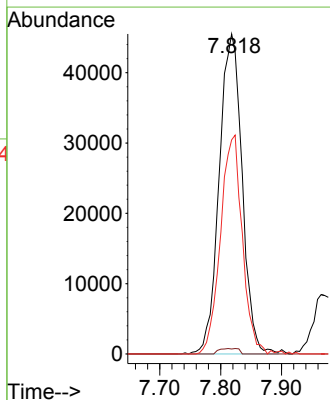
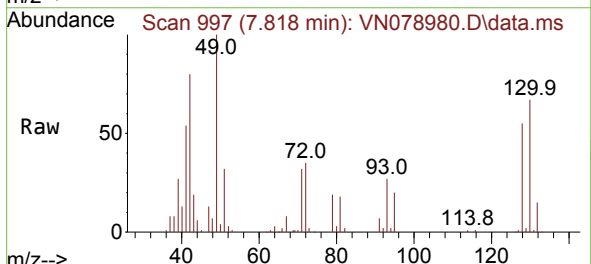


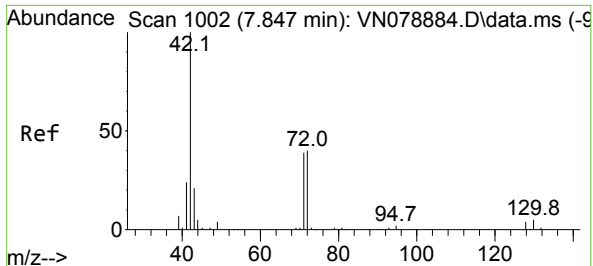
Tgt Ion: 96 Resp: 129168
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 255.2
 98 65.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 50.414 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN078980.D
 Acq: 22 Aug 2023 09:20

Tgt Ion: 49 Resp: 118951
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.8
 130 65.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 231.039 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

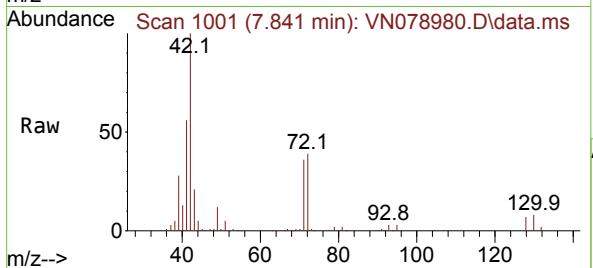
Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

ClientSampleId :



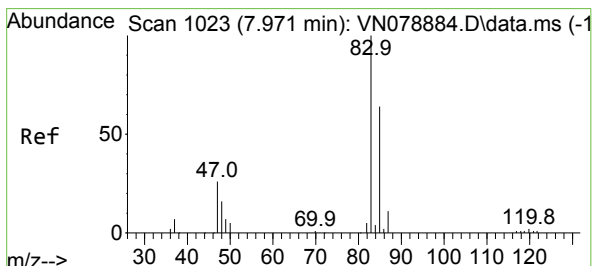
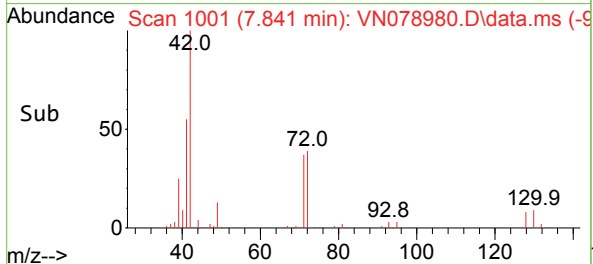
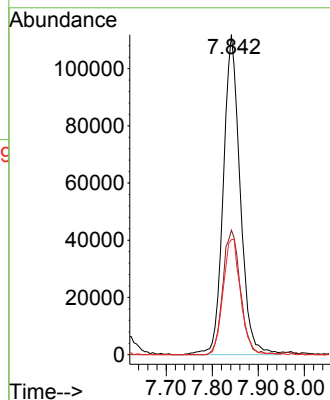
Tgt Ion: 42 Resp: 283543

Ion Ratio Lower Upper

42 100

72 40.5 49.8 74.6#

71 37.6 47.4 71.2#



#30

Chloroform

Concen: 50.953 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078980.D

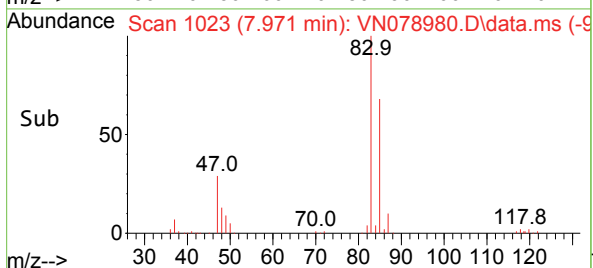
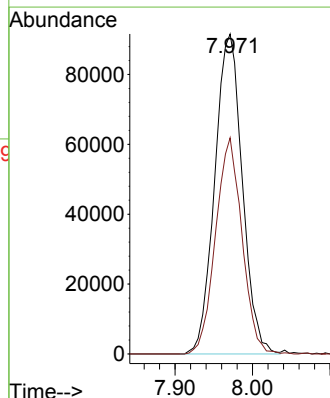
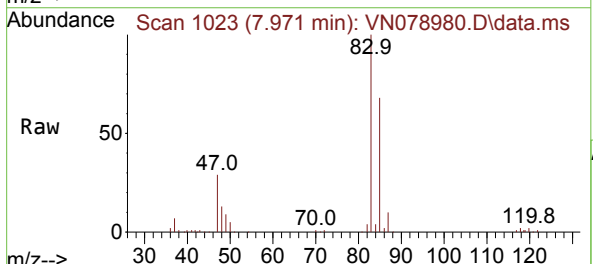
Acq: 22 Aug 2023 09:20

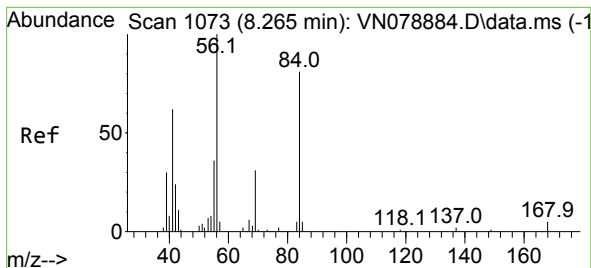
Tgt Ion: 83 Resp: 226419

Ion Ratio Lower Upper

83 100

85 67.5 55.4 83.0





#31

Cyclohexane

Concen: 49.963 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

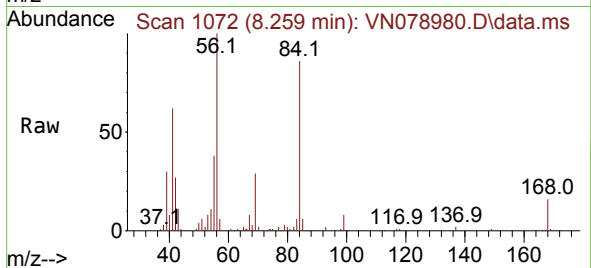
Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

ClientSampleId :



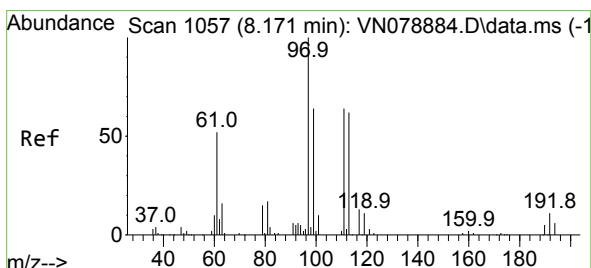
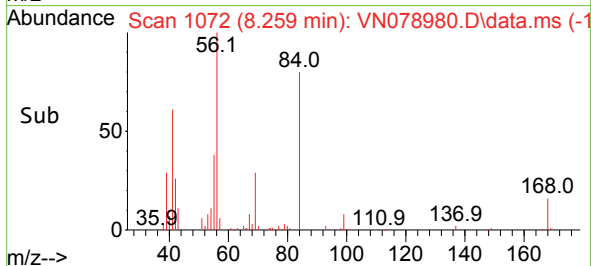
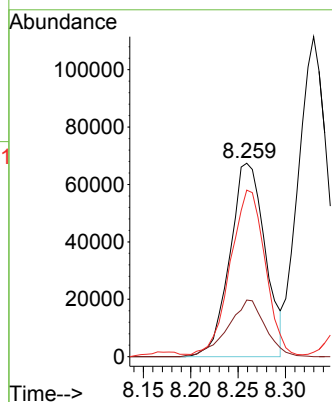
Tgt Ion: 56 Resp: 174649

Ion Ratio Lower Upper

56 100

69 29.2 26.8 40.2

84 84.9 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 51.887 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

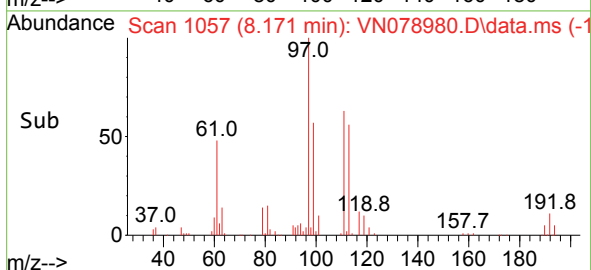
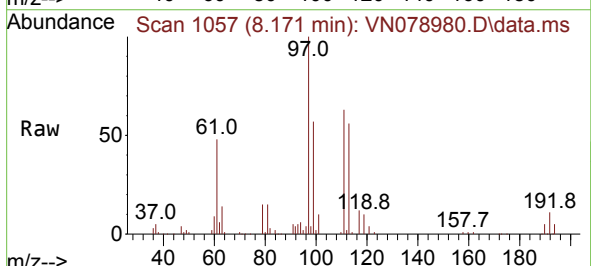
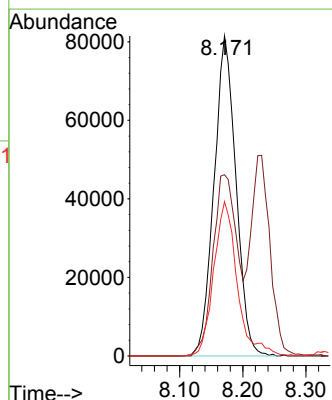
Tgt Ion: 97 Resp: 196598

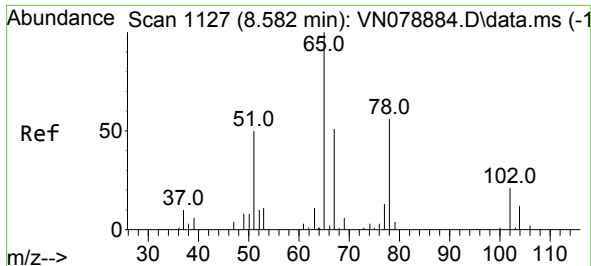
Ion Ratio Lower Upper

97 100

99 62.1 50.3 75.5

61 51.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.818 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

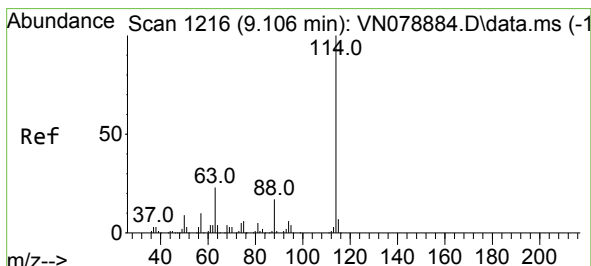
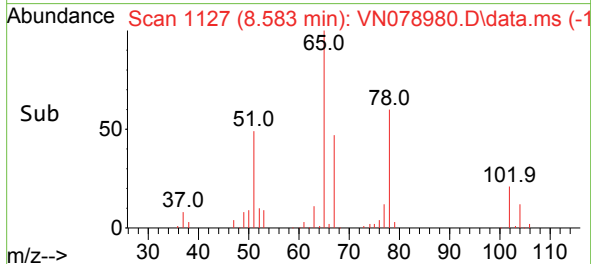
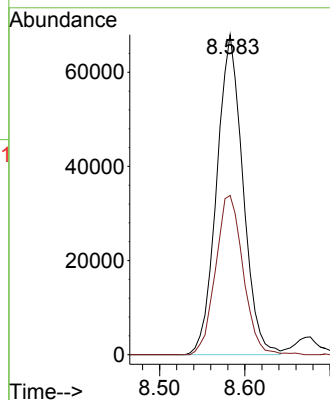
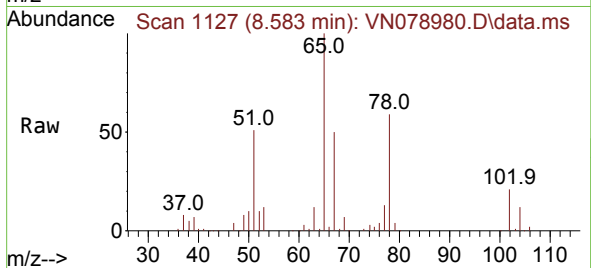
ClientSampleId :

Tgt Ion: 65 Resp: 145235

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

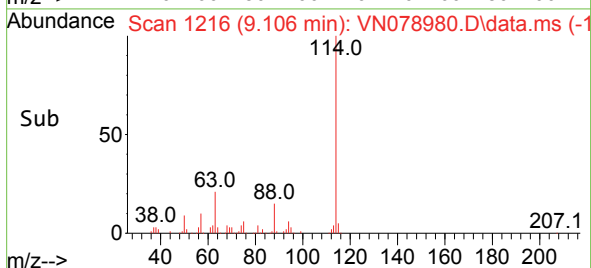
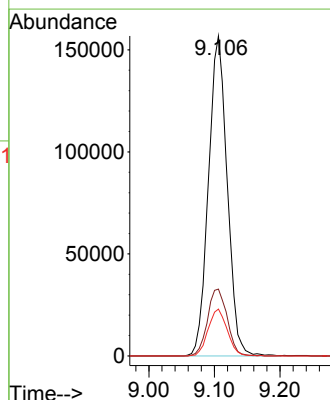
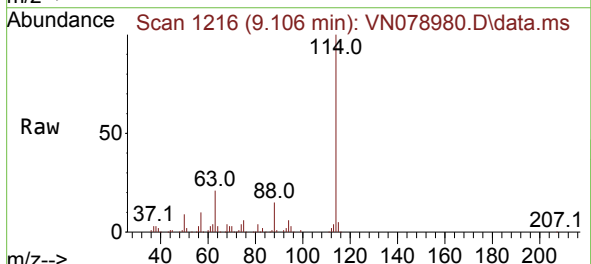
Tgt Ion: 114 Resp: 311555

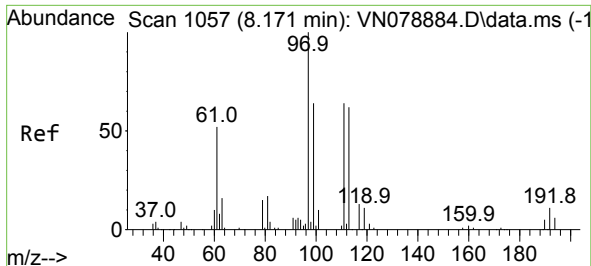
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 14.6 0.0 30.6

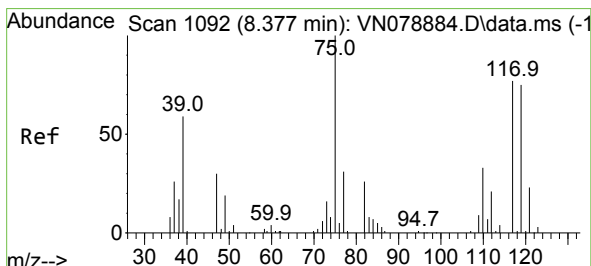
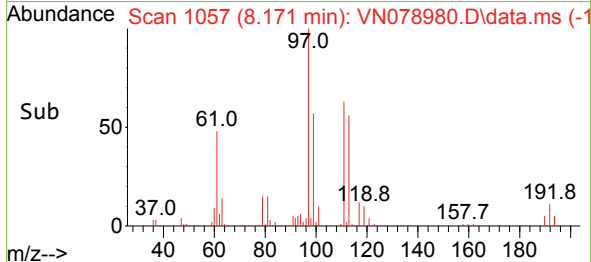
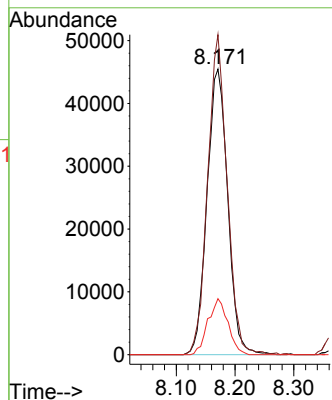
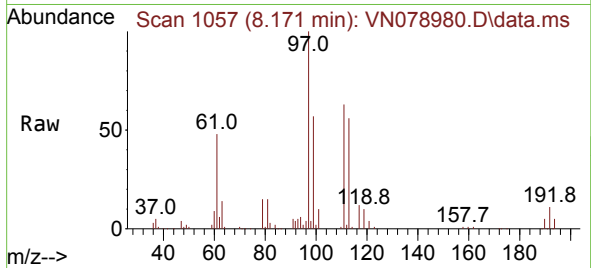




#35
Dibromofluoromethane
Concen: 52.918 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

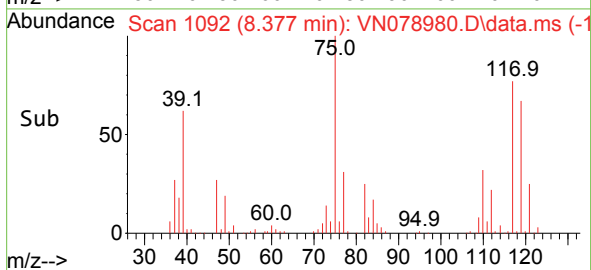
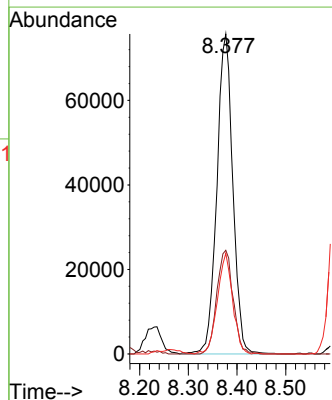
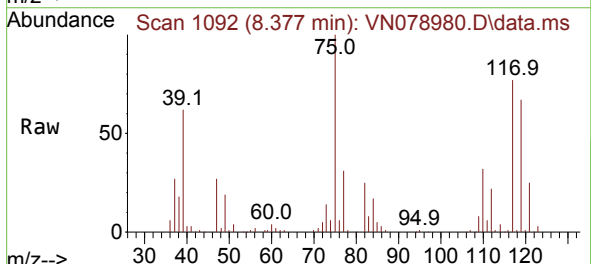
Instrument :
MSVOA_N
ClientSampleId :

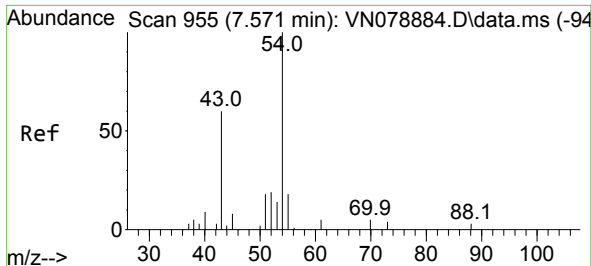
Tgt Ion:113 Resp: 110981
Ion Ratio Lower Upper
113 100
111 105.5 82.6 123.8
192 18.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 54.686 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 75 Resp: 172520
Ion Ratio Lower Upper
75 100
110 33.2 19.1 57.3
77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 50.245 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

ClientSampleId :

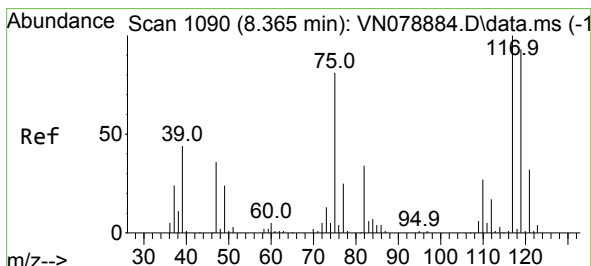
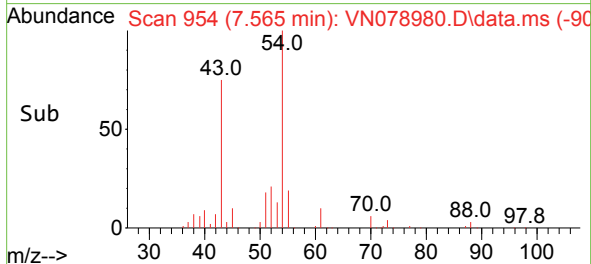
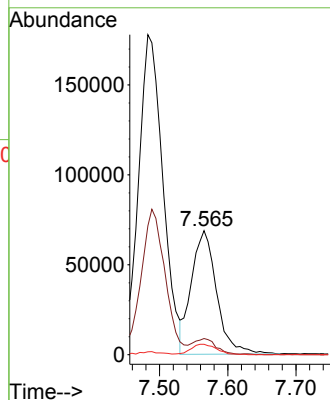
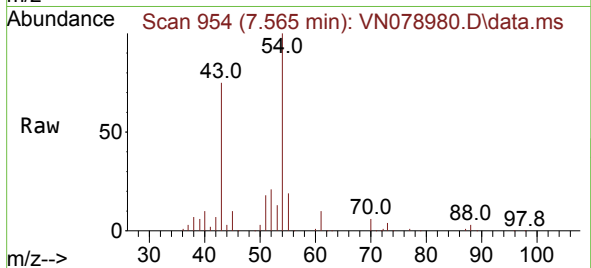
Tgt Ion: 43 Resp: 177351

Ion Ratio Lower Upper

43 100

61 11.0 13.2 19.8#

70 8.6 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 53.466 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

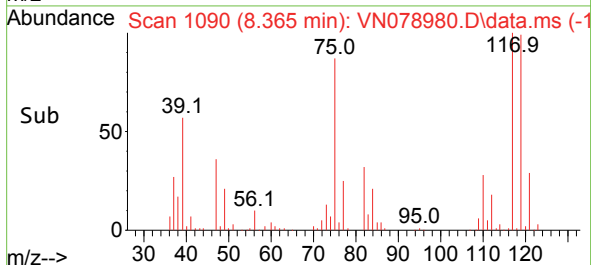
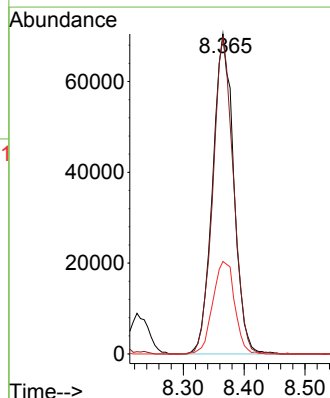
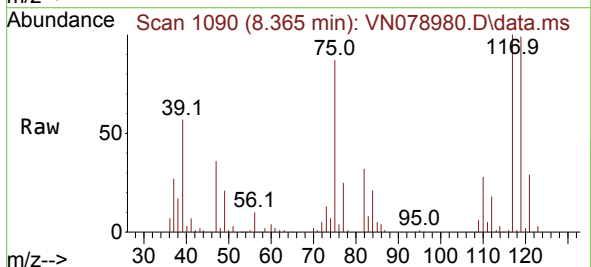
Tgt Ion: 117 Resp: 169008

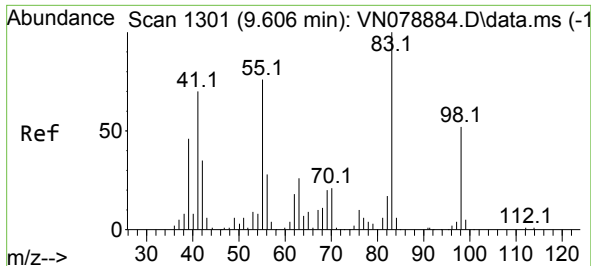
Ion Ratio Lower Upper

117 100

119 98.8 77.3 115.9

121 28.9 23.3 34.9





#39

Methylcyclohexane

Concen: 48.882 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

ClientSampleId :

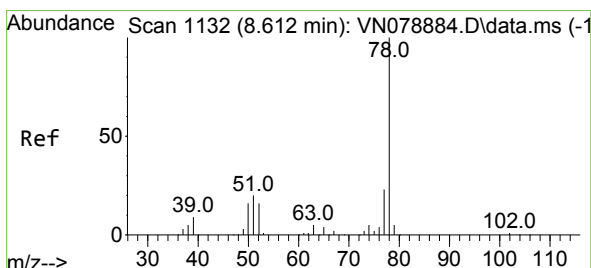
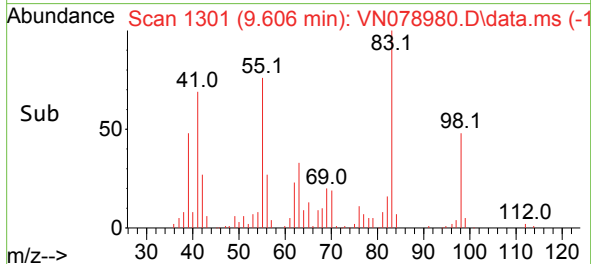
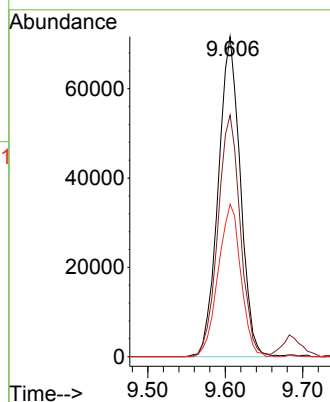
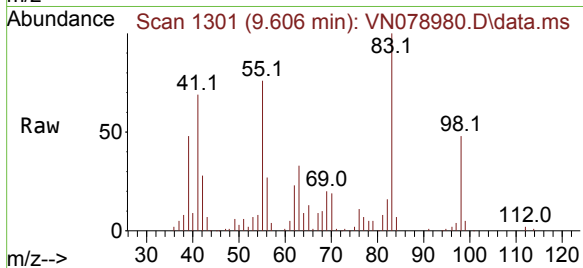
Tgt Ion: 83 Resp: 141828

Ion Ratio Lower Upper

83 100

55 75.5 49.1 73.7#

98 47.6 40.6 61.0



#40

Benzene

Concen: 52.688 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078980.D

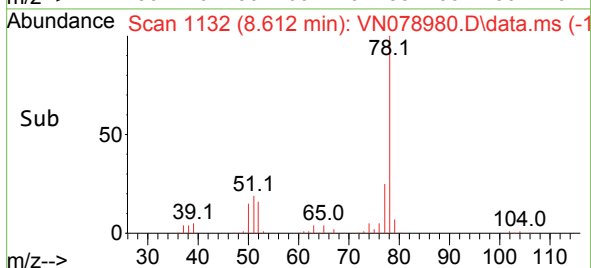
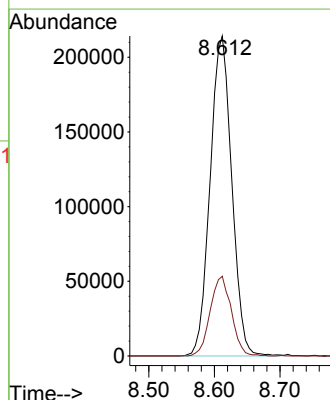
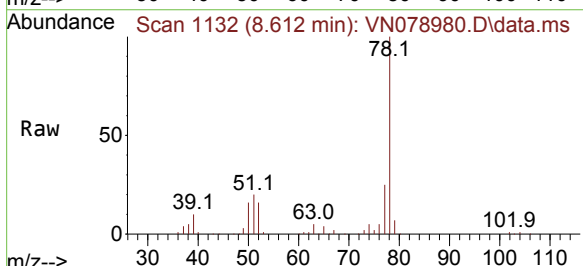
Acq: 22 Aug 2023 09:20

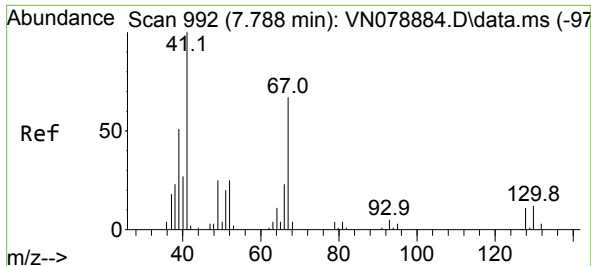
Tgt Ion: 78 Resp: 491305

Ion Ratio Lower Upper

78 100

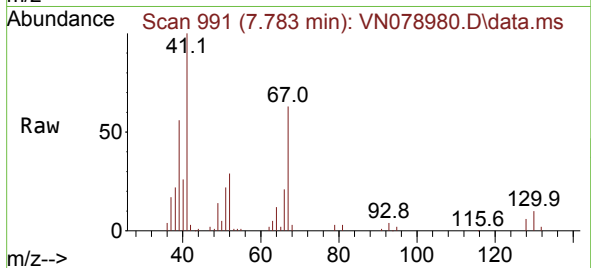
77 24.9 19.0 28.6



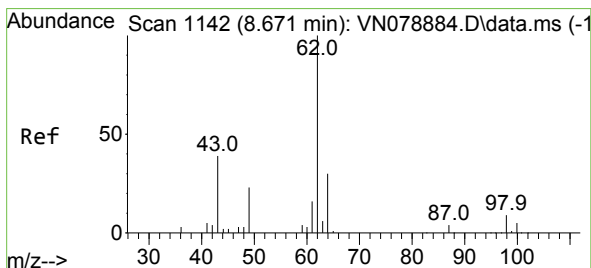
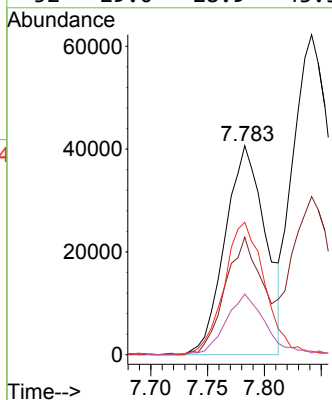
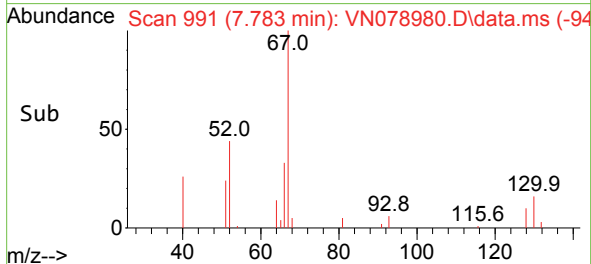


#41
Methacrylonitrile
Concen: 52.534 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Instrument :
MSVOA_N
ClientSampleId :

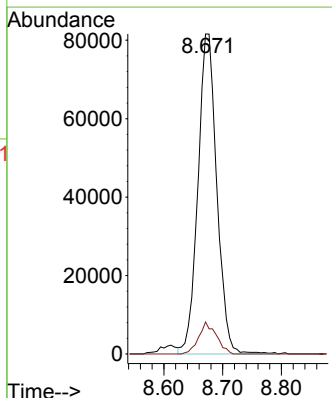
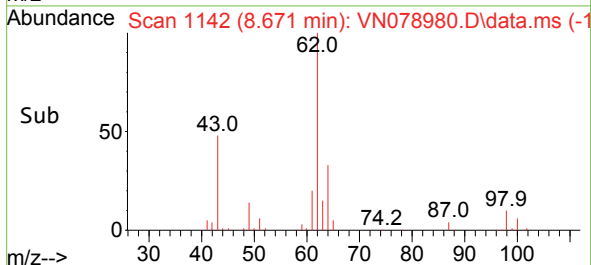
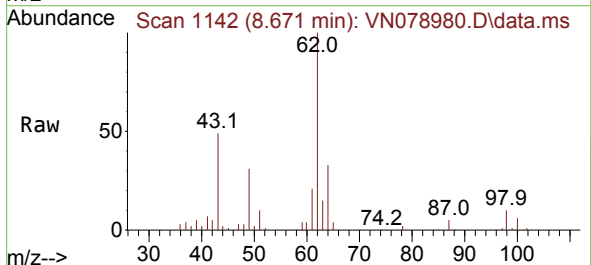


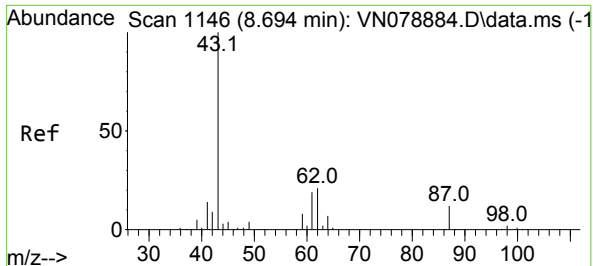
Tgt Ion: 41 Resp: 100991
Ion Ratio Lower Upper
41 100
39 51.3 42.6 64.0
67 63.5 77.5 116.3#
52 29.0 28.9 43.3



#42
1,2-Dichloroethane
Concen: 52.289 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 62 Resp: 182162
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8

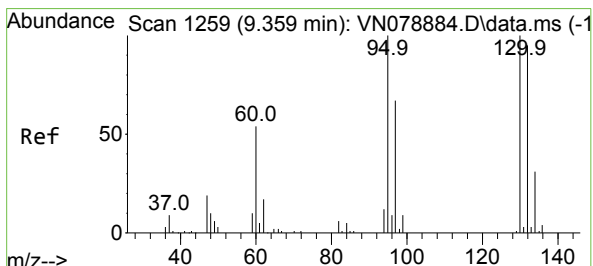
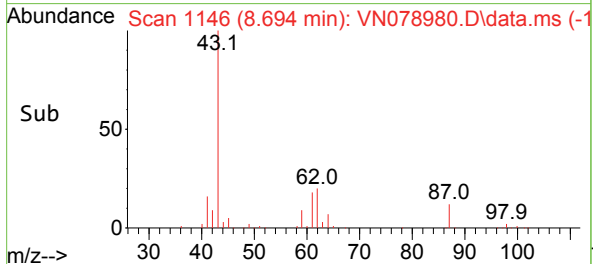
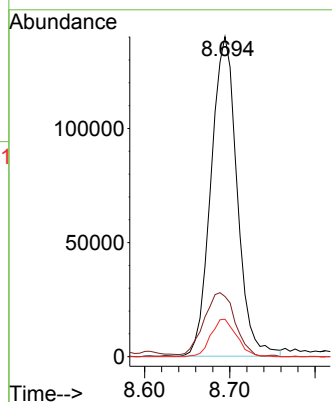
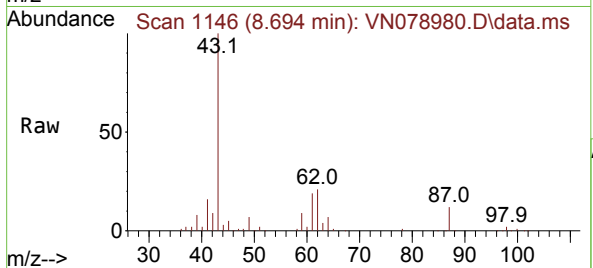




#43
Isopropyl Acetate
Concen: 47.836 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

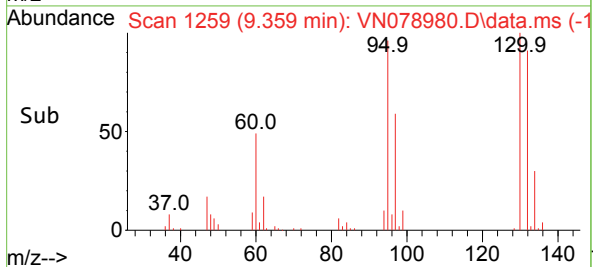
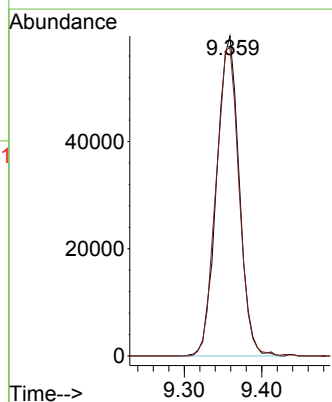
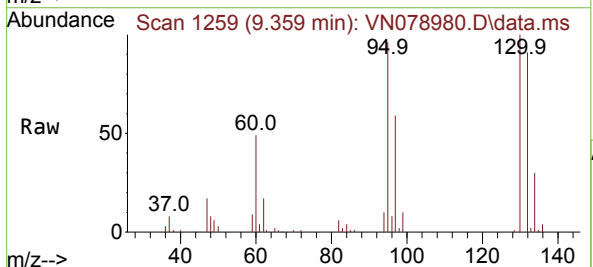
Instrument :
MSVOA_N
ClientSampleId :

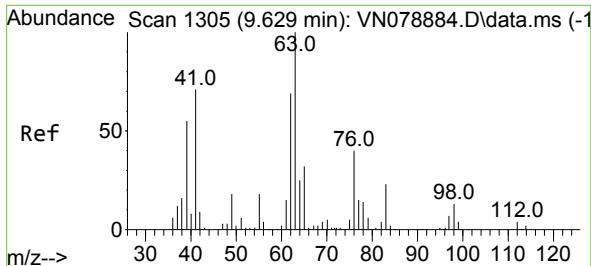
Tgt Ion: 43 Resp: 298439
Ion Ratio Lower Upper
43 100
61 23.5 24.7 37.1#
87 11.6 14.6 21.8#



#44
Trichloroethene
Concen: 54.577 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion:130 Resp: 120922
Ion Ratio Lower Upper
130 100
95 96.4 0.0 204.6

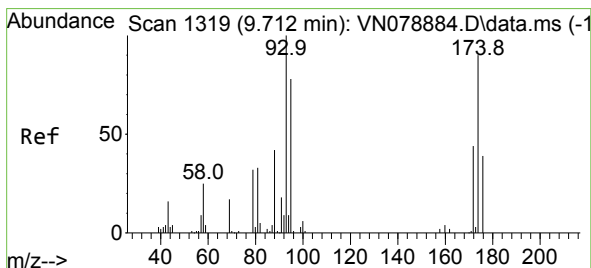
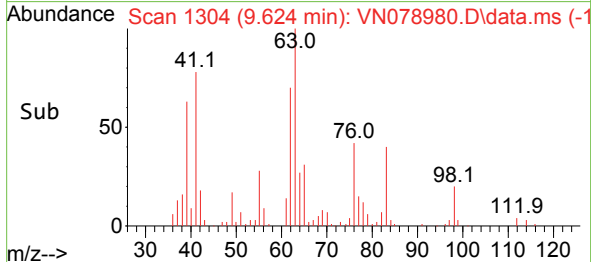
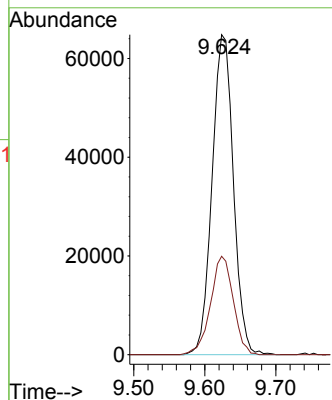
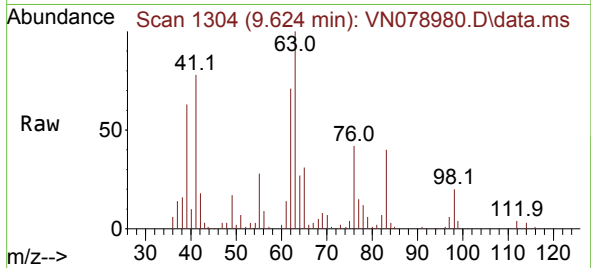




#45
1,2-Dichloropropane
Concen: 54.305 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

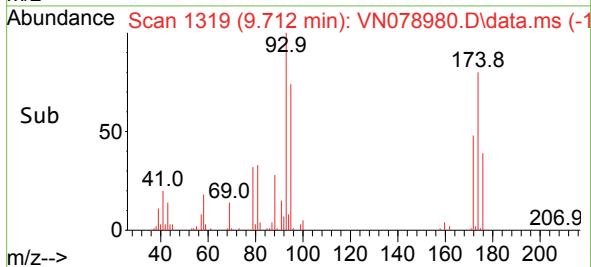
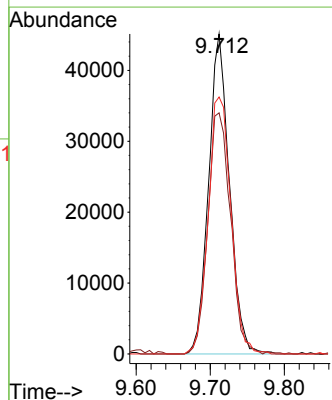
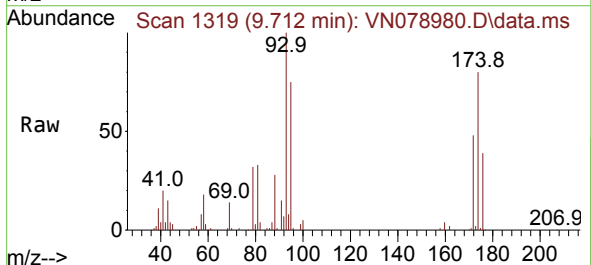
Instrument :
MSVOA_N
ClientSampleId :

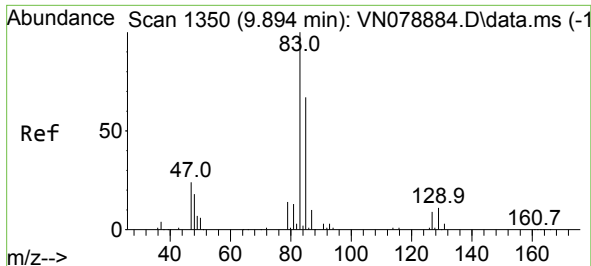
Tgt Ion: 63 Resp: 134821
Ion Ratio Lower Upper
63 100
65 30.8 23.9 35.9



#46
Dibromomethane
Concen: 51.828 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 93 Resp: 88255
Ion Ratio Lower Upper
93 100
95 82.1 63.8 95.8
174 88.2 65.6 98.4

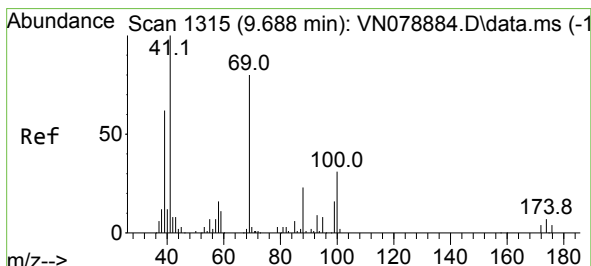
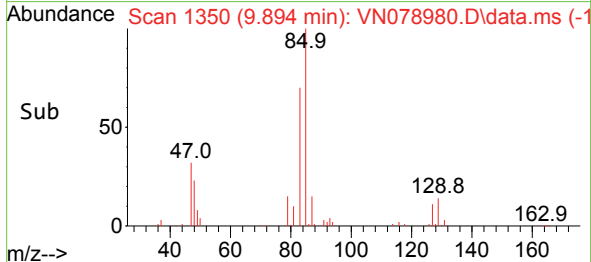
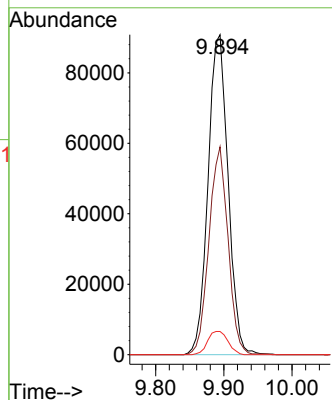
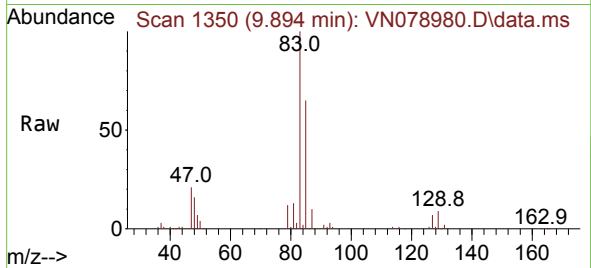




#47
Bromodichloromethane
Concen: 55.252 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

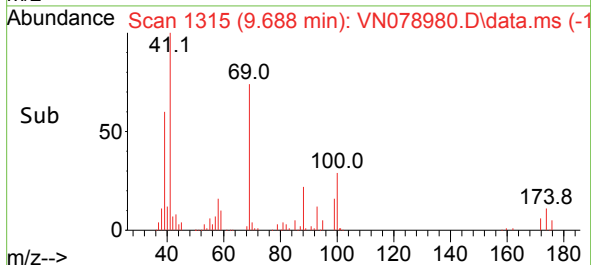
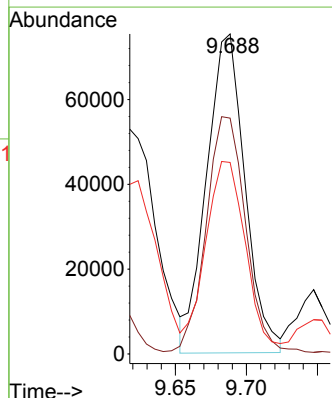
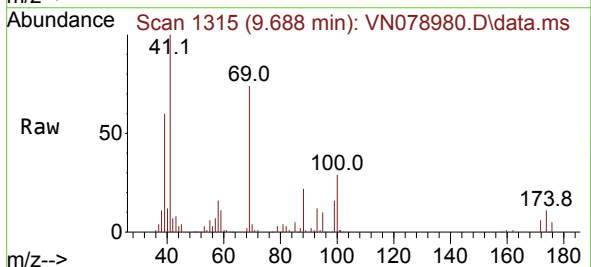
Instrument :
MSVOA_N
ClientSampleId :

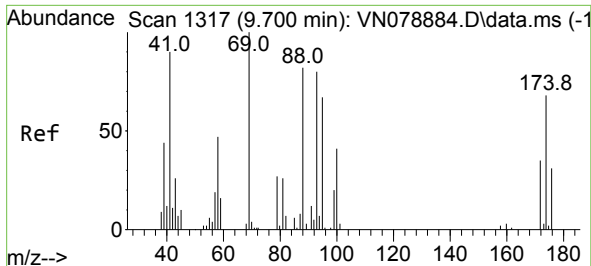
Tgt Ion: 83 Resp: 185786
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 7.2 7.0 10.6



#48
Methyl methacrylate
Concen: 49.975 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 41 Resp: 141285
Ion Ratio Lower Upper
41 100
69 75.9 90.4 135.6#
39 63.8 54.6 81.8





#49

1,4-Dioxane

Concen: 936.768 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

ClientSampleId :

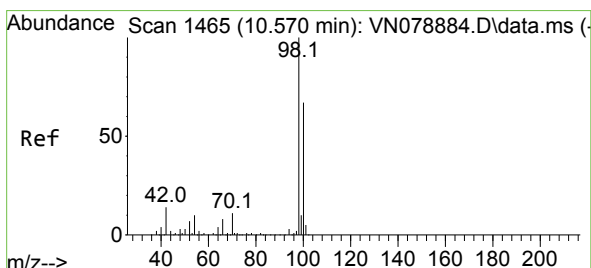
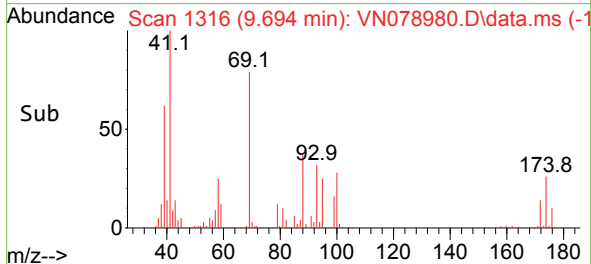
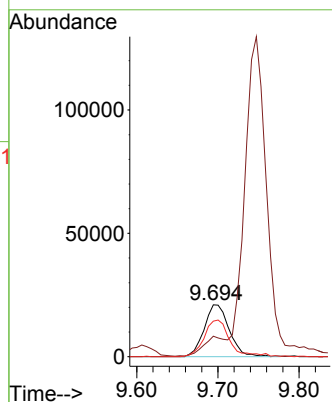
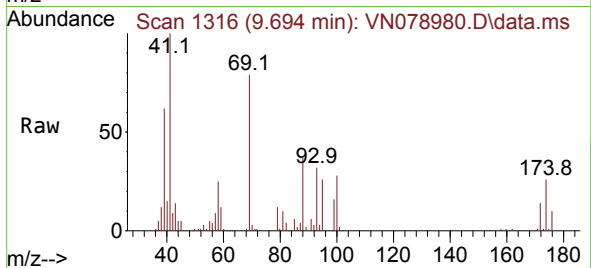
Tgt Ion: 88 Resp: 45109

Ion Ratio Lower Upper

88 100

43 34.5 17.0 25.6#

58 72.9 47.0 70.4#



#50

Toluene-d8

Concen: 54.392 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078980.D

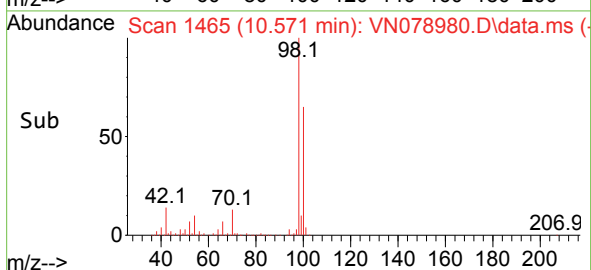
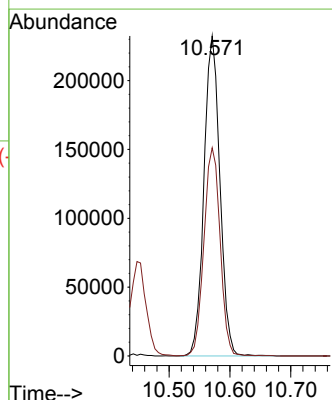
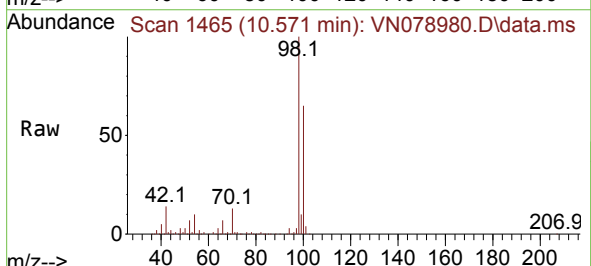
Acq: 22 Aug 2023 09:20

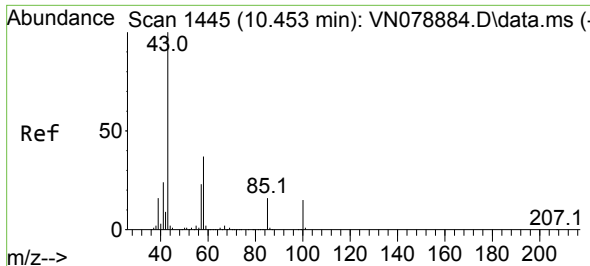
Tgt Ion: 98 Resp: 423564

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0

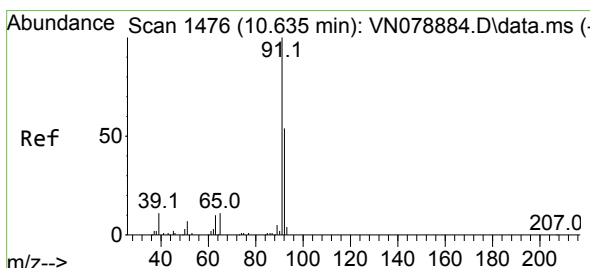
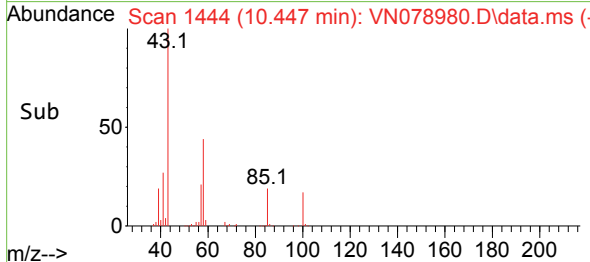
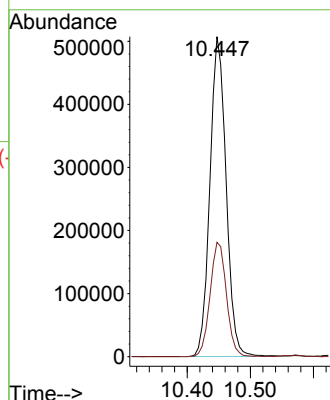
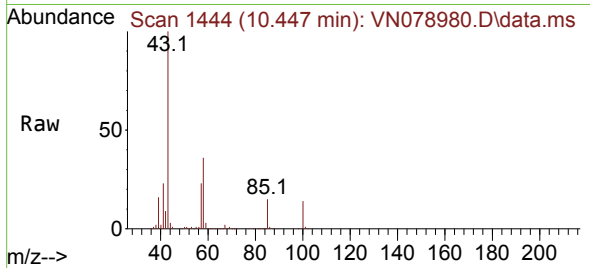




#51
4-Methyl-2-Pentanone
Concen: 244.037 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

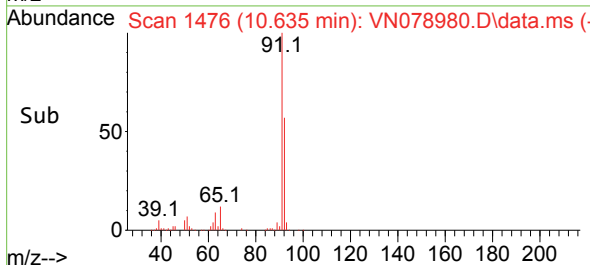
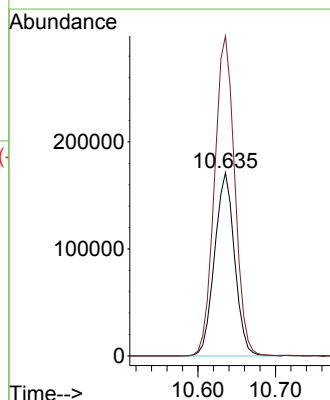
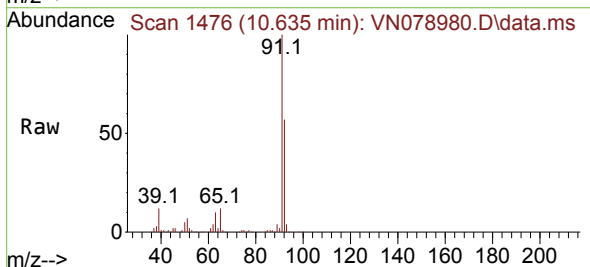
Instrument :
MSVOA_N
ClientSampleId :

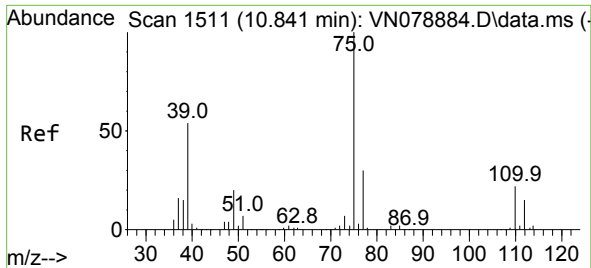
Tgt Ion: 43 Resp: 902993
Ion Ratio Lower Upper
43 100
58 36.2 36.6 54.8#



#52
Toluene
Concen: 53.661 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 92 Resp: 307213
Ion Ratio Lower Upper
92 100
91 177.5 137.4 206.0

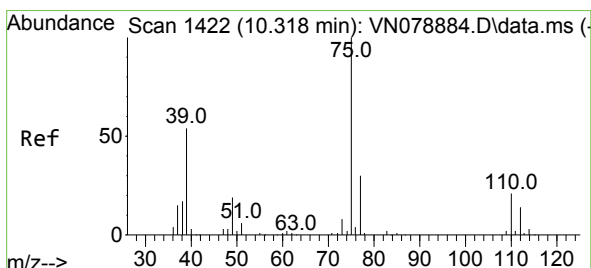
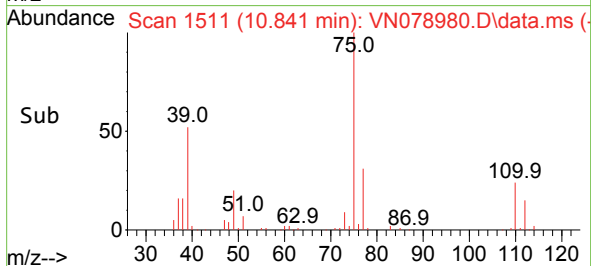
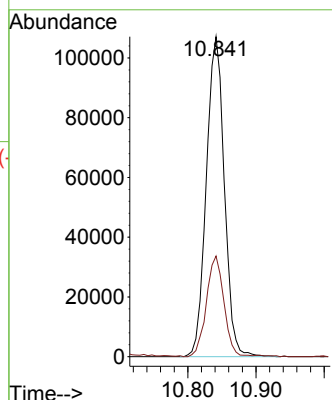
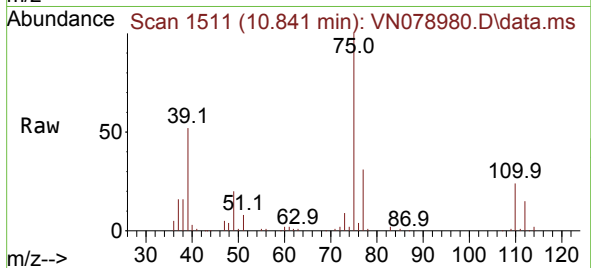




#53
 t-1,3-Dichloropropene
 Concen: 54.609 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078980.D
 Acq: 22 Aug 2023 09:20

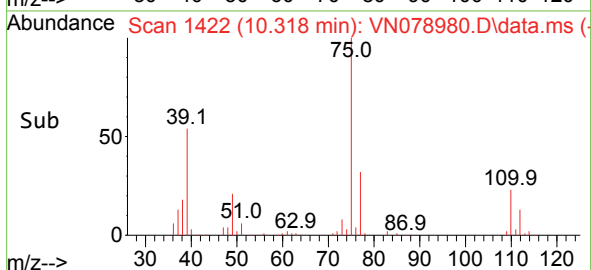
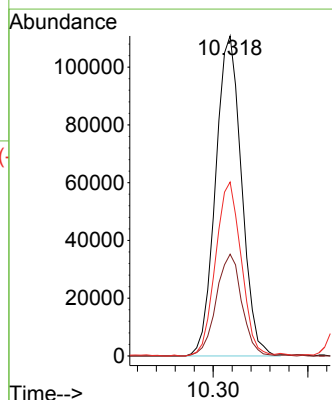
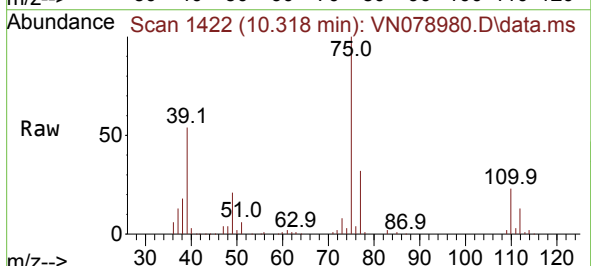
Instrument :
 MSVOA_N
 ClientSampleId :

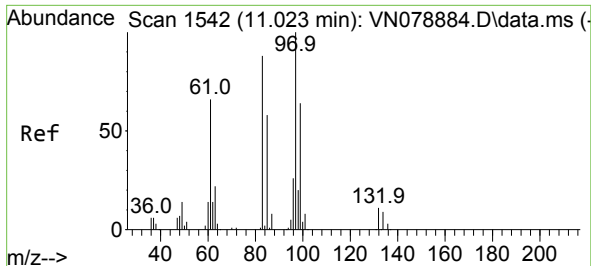
Tgt Ion: 75 Resp: 196918
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.742 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078980.D
 Acq: 22 Aug 2023 09:20

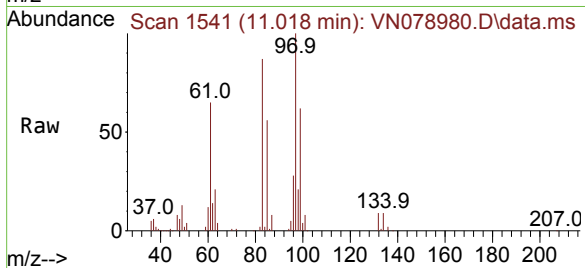
Tgt Ion: 75 Resp: 211061
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.1 39.1
 39 54.4 31.6 47.4#



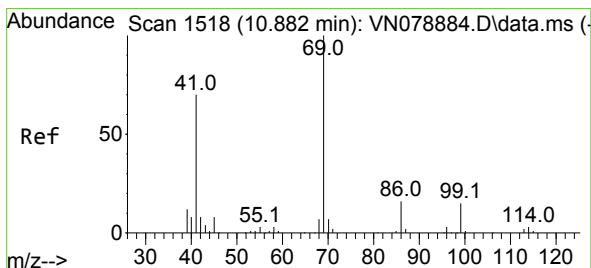
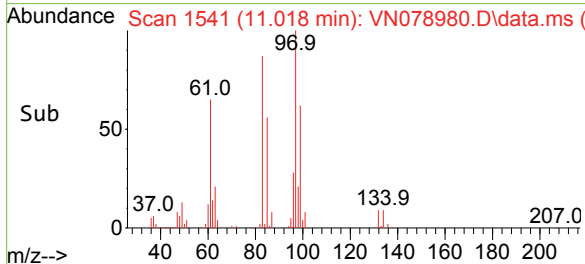
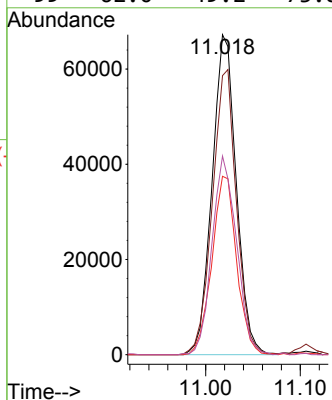


#55
1,1,2-Trichloroethane
Concen: 52.024 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Instrument :
MSVOA_N
ClientSampleId :

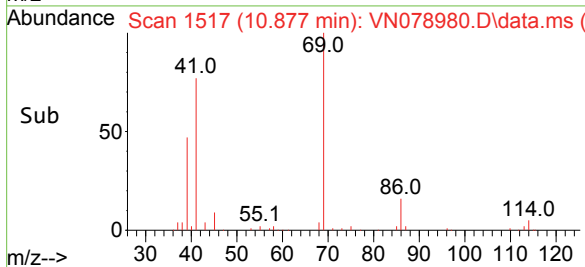
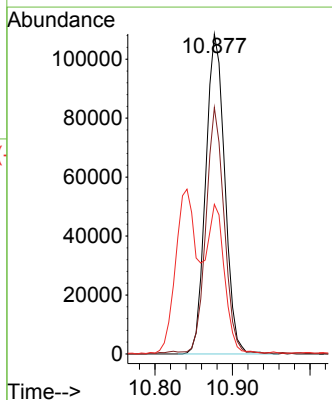
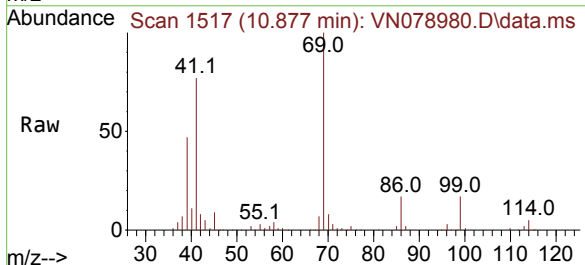


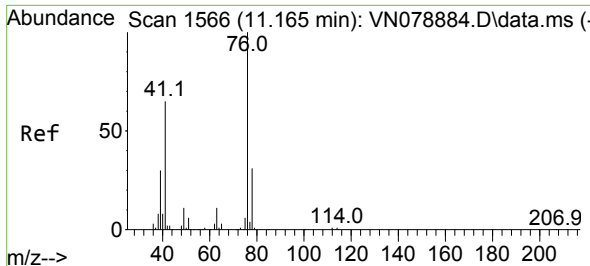
Tgt Ion: 97 Resp: 119423
Ion Ratio Lower Upper
97 100
83 87.2 65.1 97.7
85 55.8 43.4 65.2
99 62.0 49.2 73.8



#56
Ethyl methacrylate
Concen: 52.010 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 69 Resp: 185072
Ion Ratio Lower Upper
69 100
41 73.3 39.6 59.4#
39 43.4 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 51.732 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

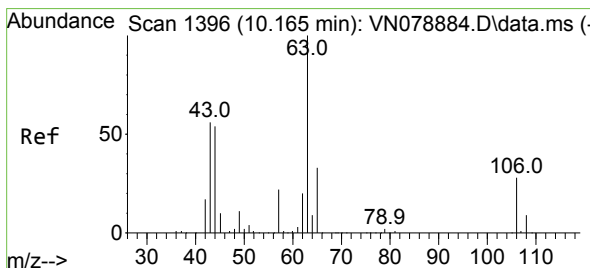
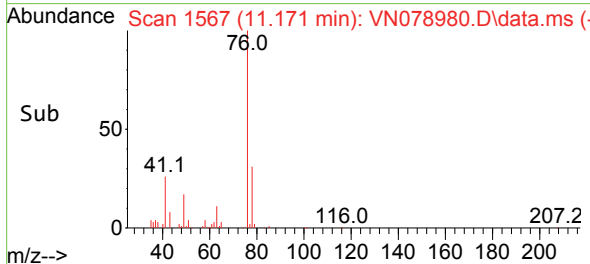
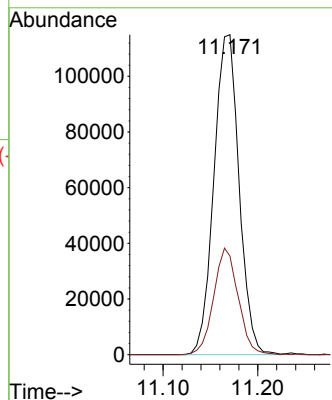
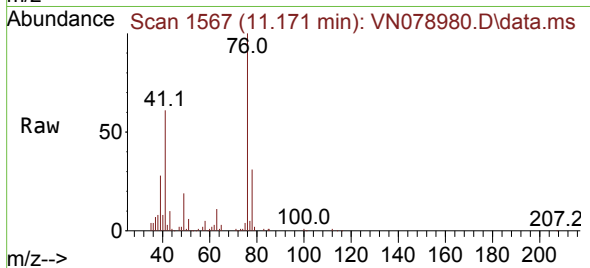
ClientSampleId :

Tgt Ion: 76 Resp: 212405

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 228.706 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078980.D

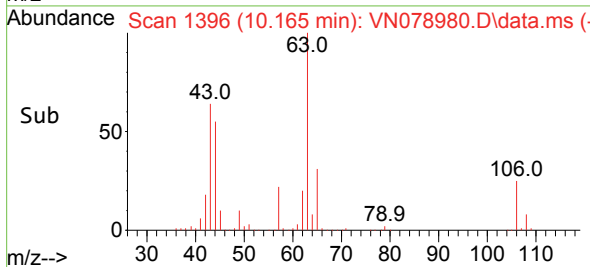
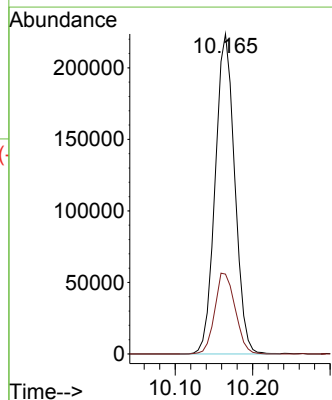
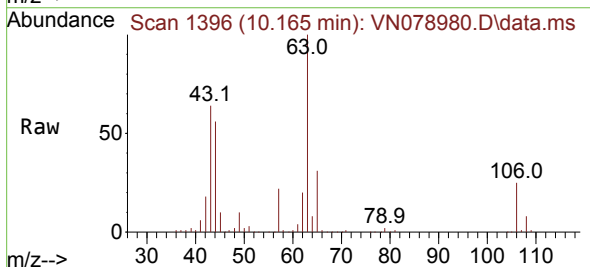
Acq: 22 Aug 2023 09:20

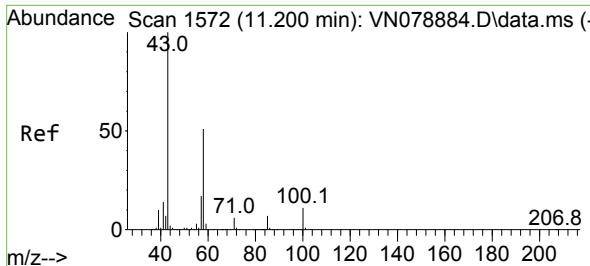
Tgt Ion: 63 Resp: 390656

Ion Ratio Lower Upper

63 100

106 26.5 26.2 39.4

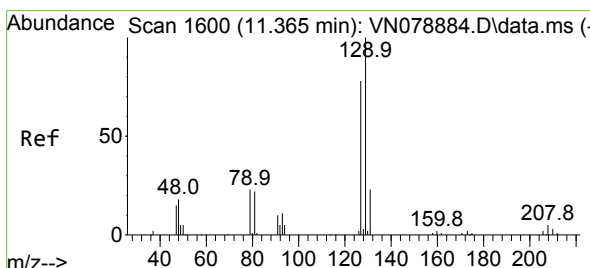
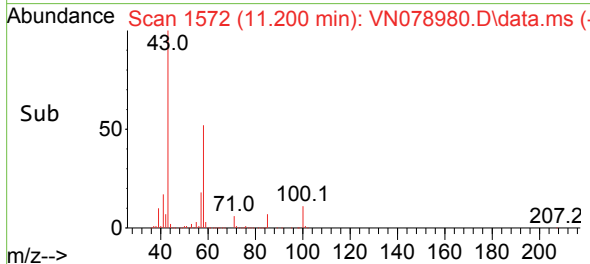
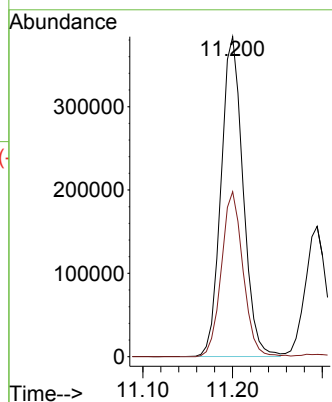
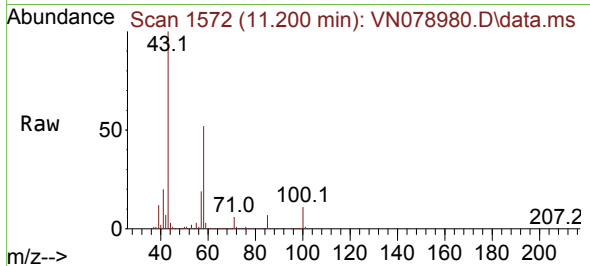




#59
2-Hexanone
Concen: 243.836 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

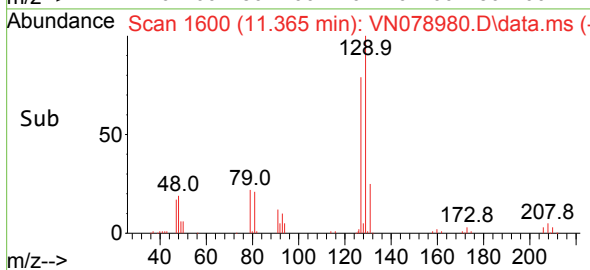
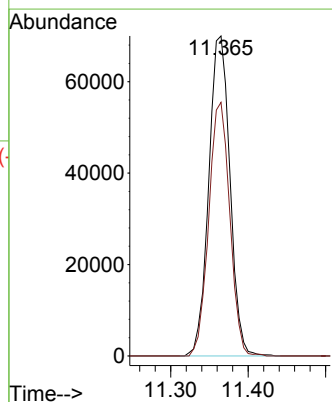
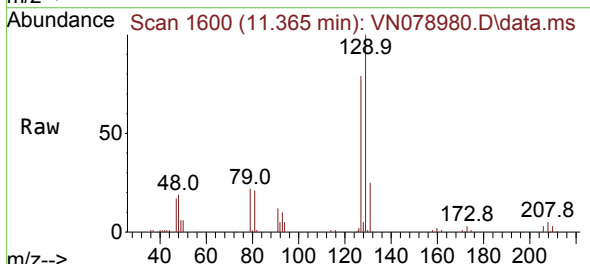
Instrument :
MSVOA_N
ClientSampleId :

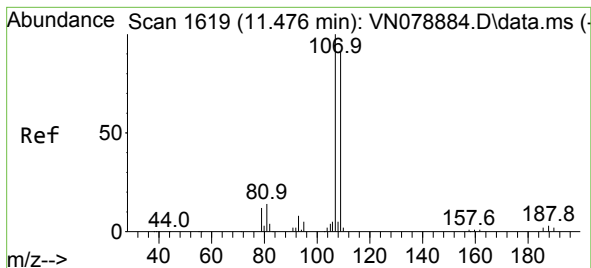
Tgt Ion: 43 Resp: 653499
Ion Ratio Lower Upper
43 100
58 50.7 31.7 95.1



#60
Dibromochloromethane
Concen: 55.192 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion:129 Resp: 133323
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.862 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

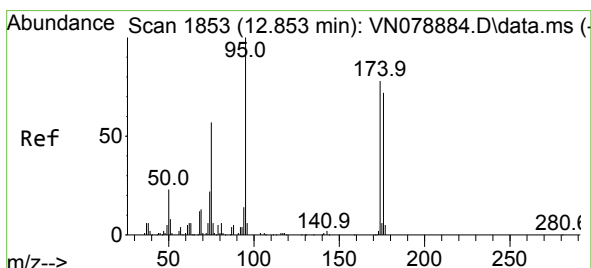
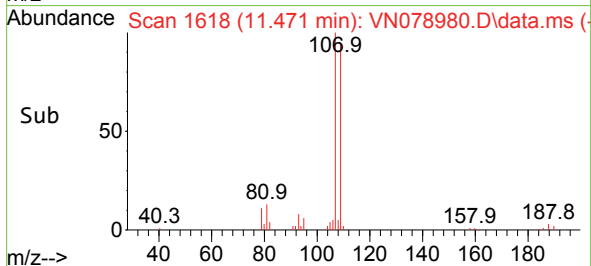
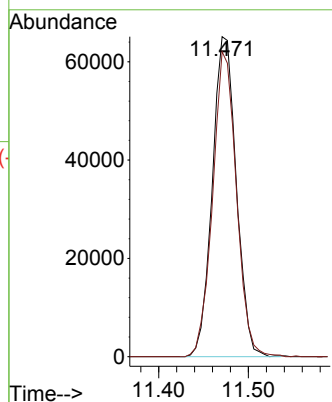
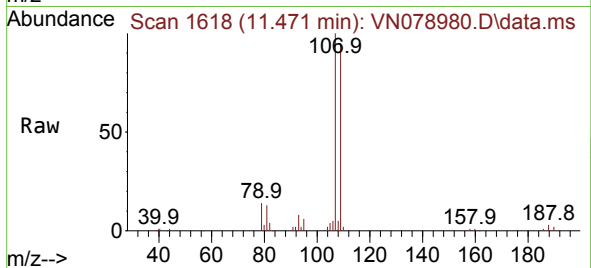
ClientSampleId :

Tgt Ion:107 Resp: 120981

Ion Ratio Lower Upper

107 100

109 94.4 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 56.597 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

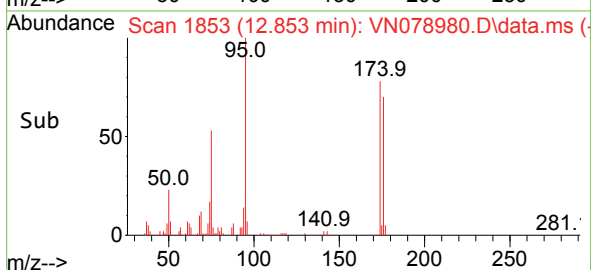
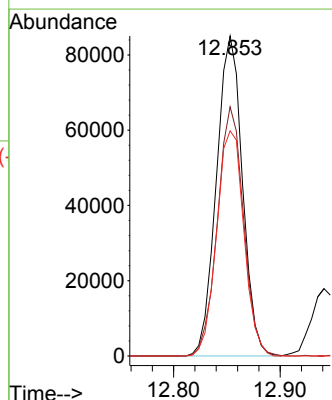
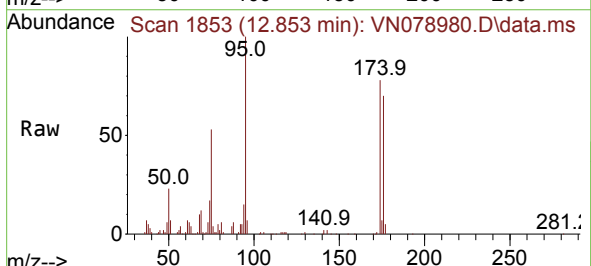
Tgt Ion: 95 Resp: 144057

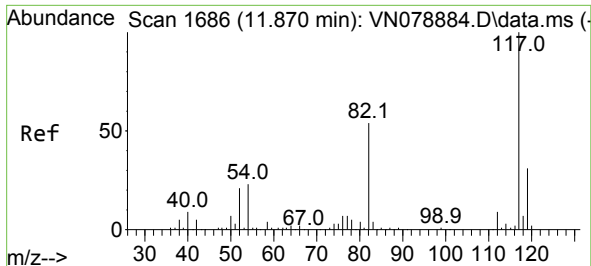
Ion Ratio Lower Upper

95 100

174 78.1 0.0 143.8

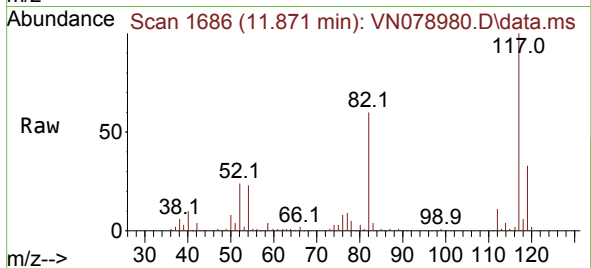
176 73.6 0.0 135.8



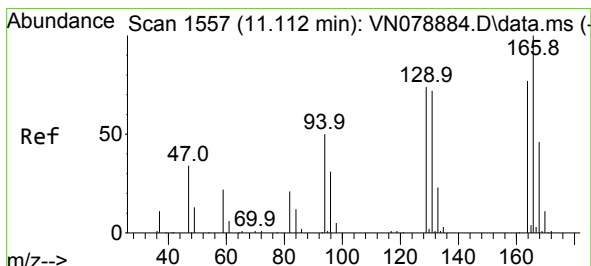
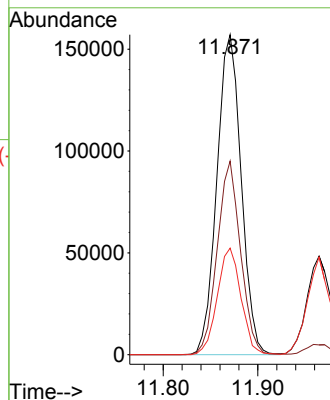
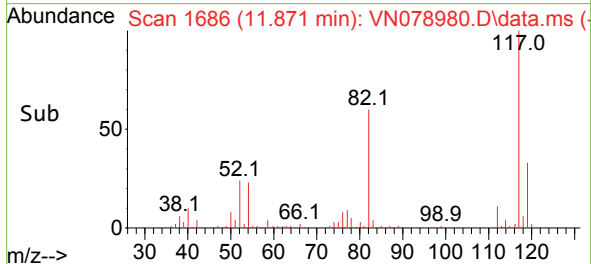


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

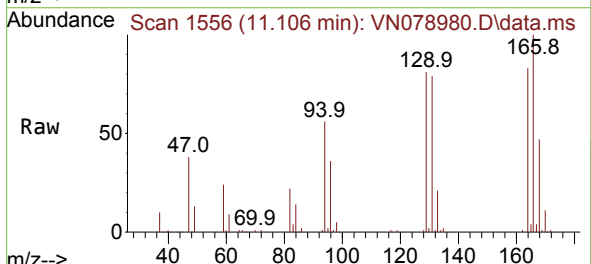
Instrument :
MSVOA_N
ClientSampleId :



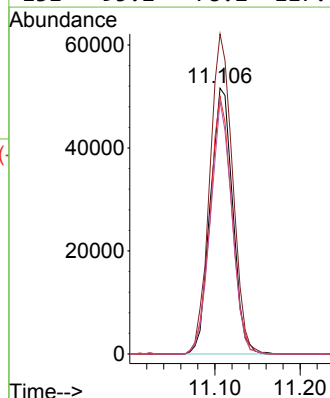
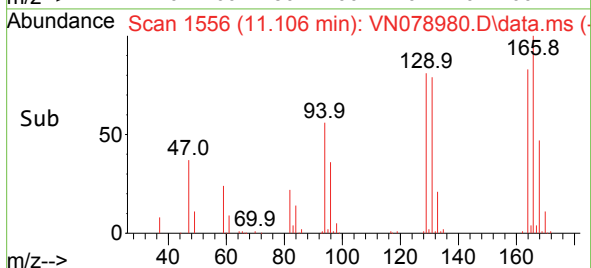
Tgt Ion:117 Resp: 280763
Ion Ratio Lower Upper
117 100
82 60.5 44.0 66.0
119 33.3 25.6 38.4

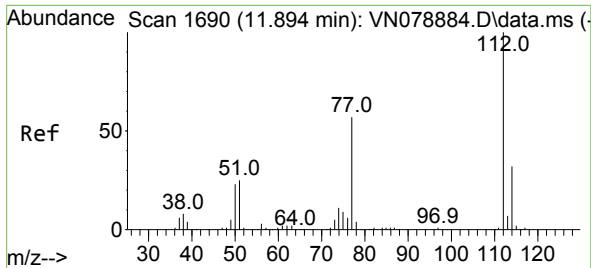


#64
Tetrachloroethene
Concen: 53.587 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20



Tgt Ion:164 Resp: 94351
Ion Ratio Lower Upper
164 100
166 120.4 101.4 152.0
129 96.9 82.4 123.6
131 95.2 78.2 117.4

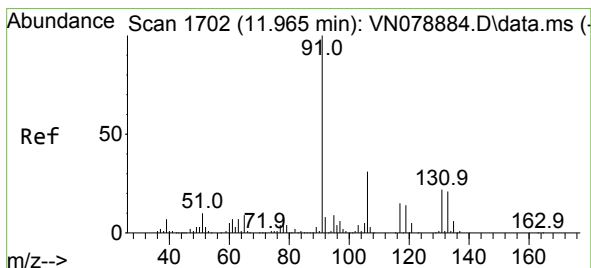
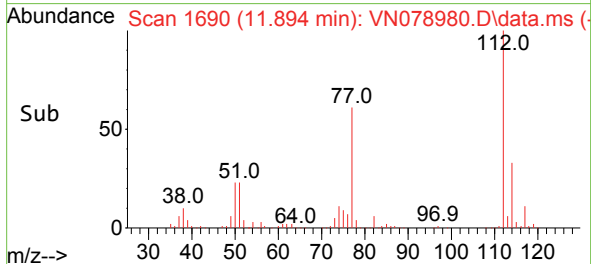
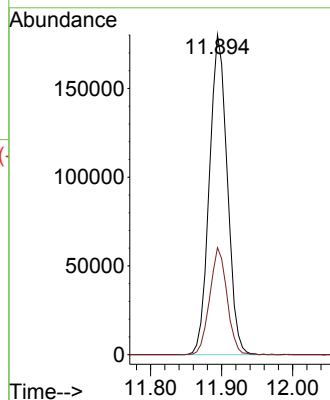
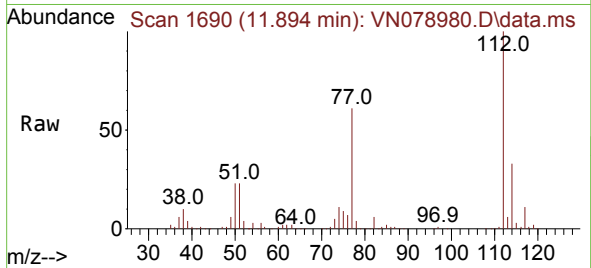




#65
Chlorobenzene
Concen: 52.698 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

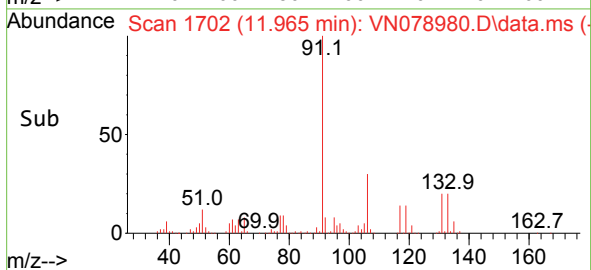
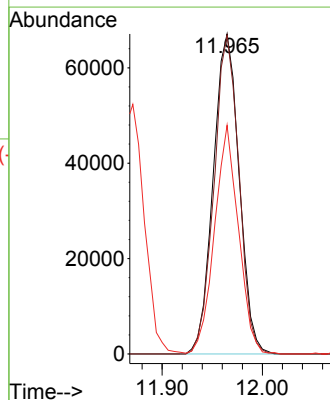
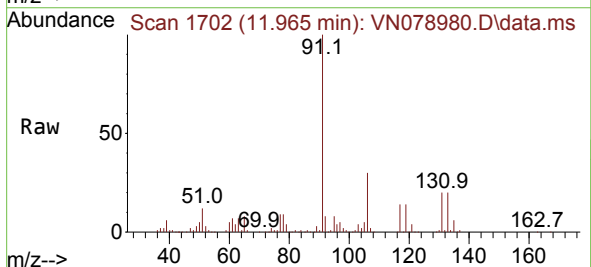
Instrument :
MSVOA_N
ClientSampleId :

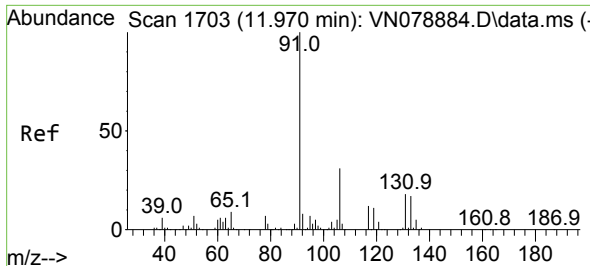
Tgt Ion:112 Resp: 314946
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.280 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion:131 Resp: 120337
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 66.3 34.1 102.2

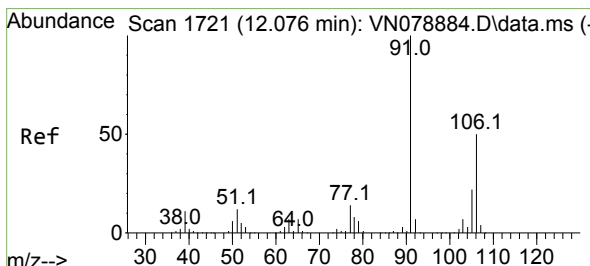
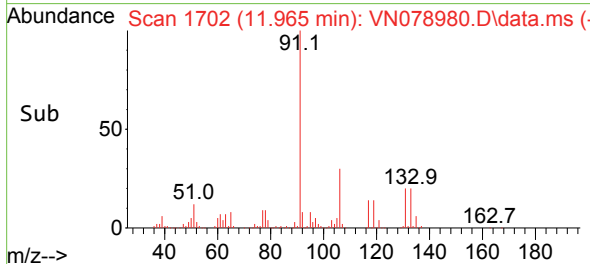
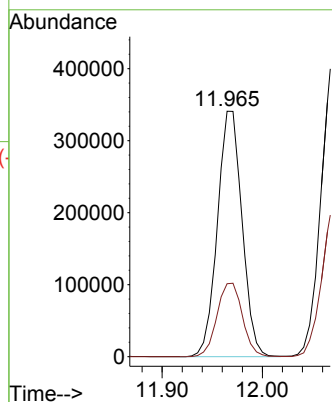
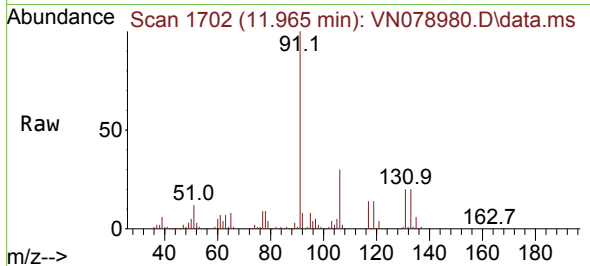




#67
Ethyl Benzene
Concen: 53.484 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

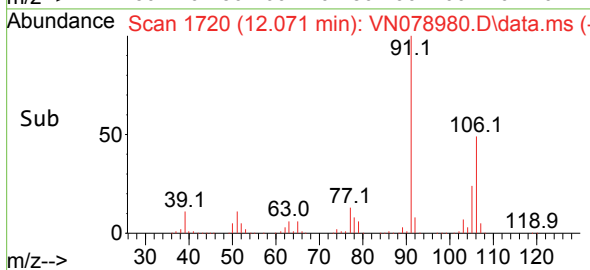
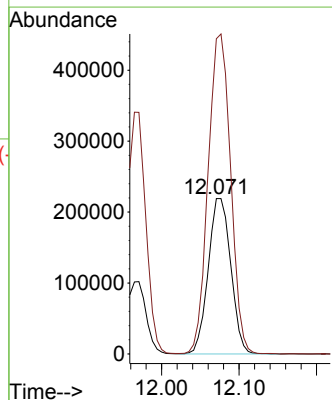
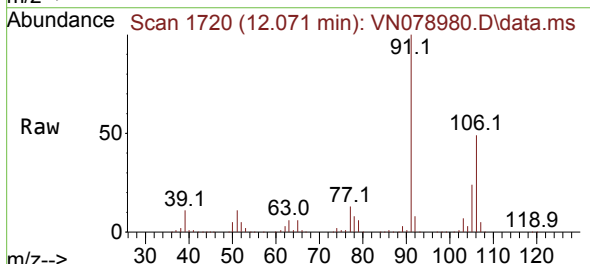
Instrument :
MSVOA_N
ClientSampleId :

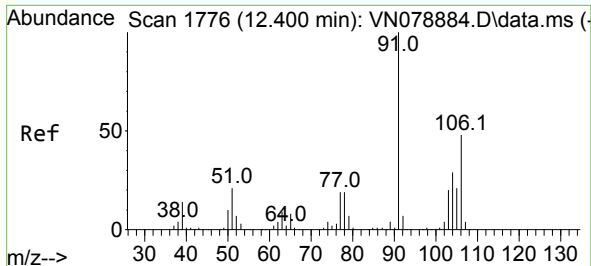
Tgt Ion: 91 Resp: 581284
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4



#68
m/p-Xylenes
Concen: 109.188 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 106 Resp: 443679
Ion Ratio Lower Upper
106 100
91 205.5 159.6 239.4

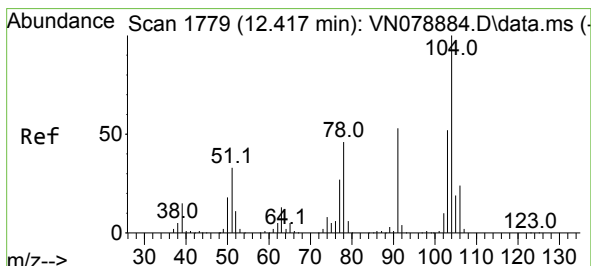
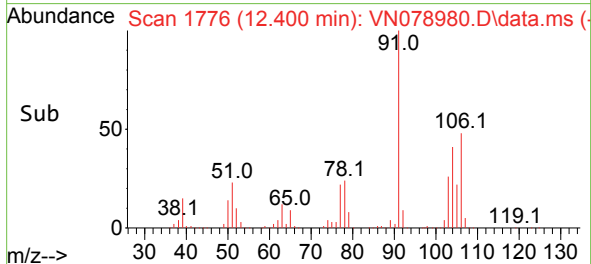
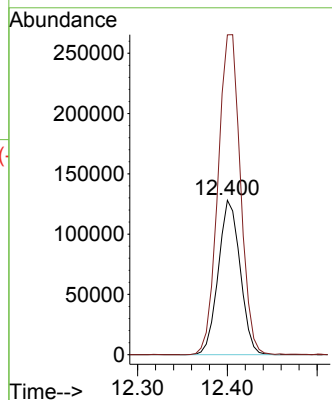
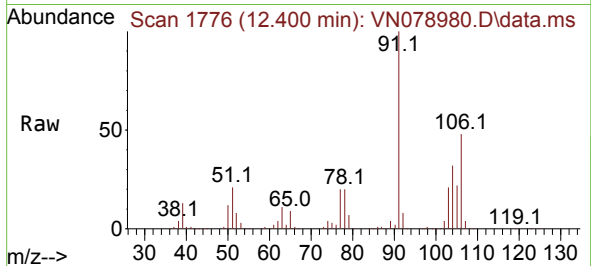




#69
o-Xylene
Concen: 54.718 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

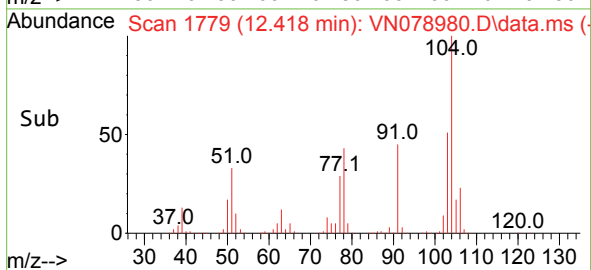
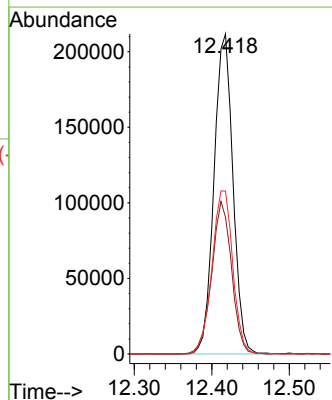
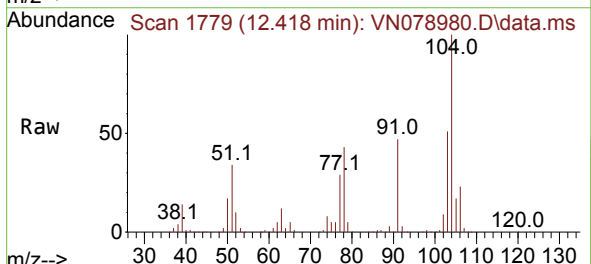
Instrument :
MSVOA_N
ClientSampleId :

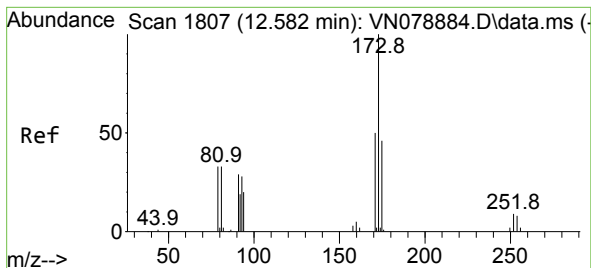
Tgt Ion:106 Resp: 216288
Ion Ratio Lower Upper
106 100
91 213.4 105.2 315.5



#70
Styrene
Concen: 54.621 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion:104 Resp: 360011
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 55.8 43.2 64.8





#71

Bromoform

Concen: 54.653 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

ClientSampleId :

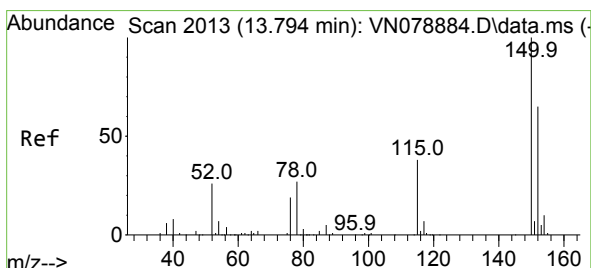
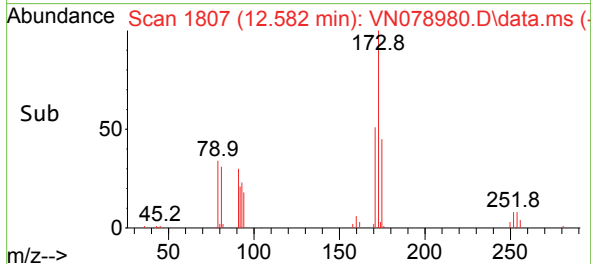
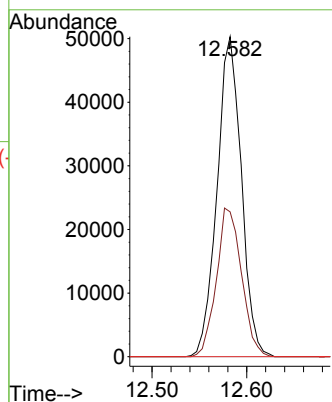
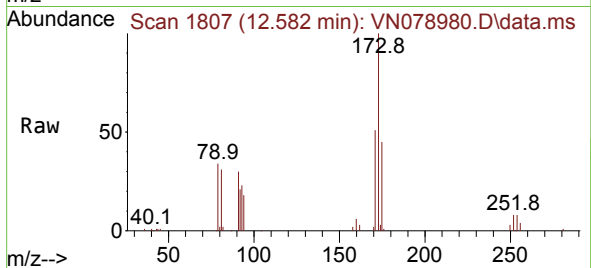
Tgt Ion:173 Resp: 89740

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

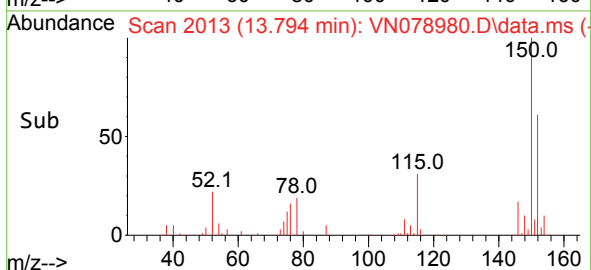
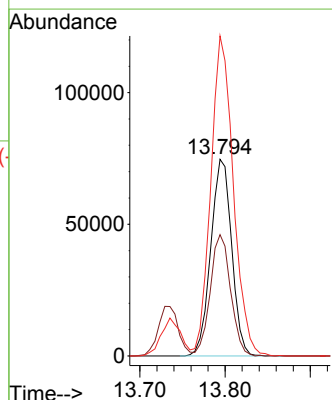
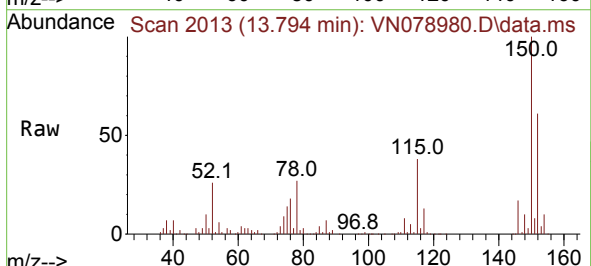
Tgt Ion:152 Resp: 127302

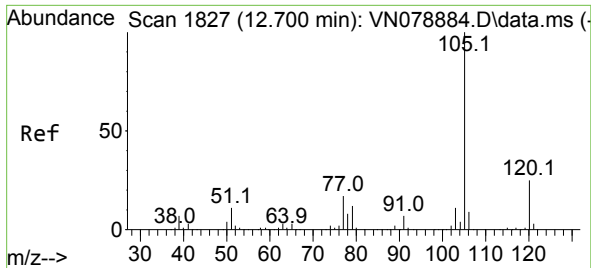
Ion Ratio Lower Upper

152 100

115 59.9 32.3 96.8

150 175.6 0.0 355.8

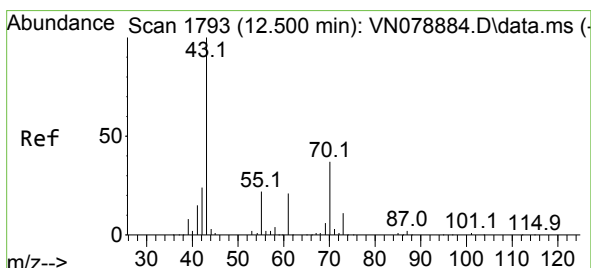
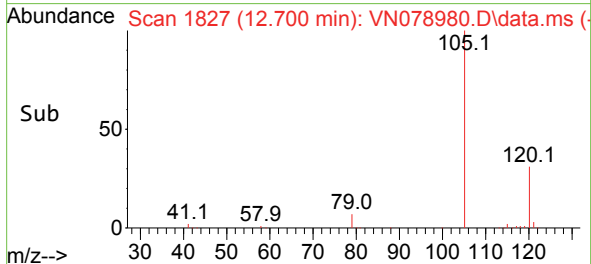
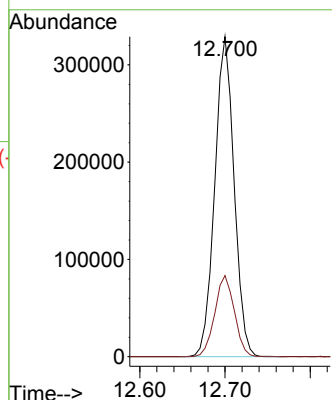
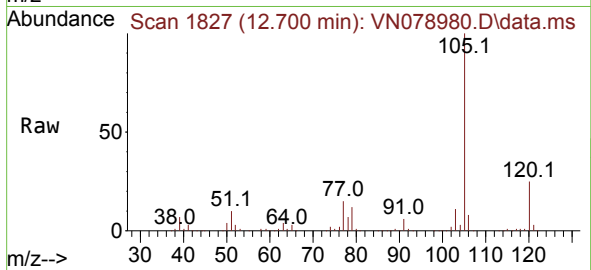




#73
Isopropylbenzene
Concen: 48.760 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

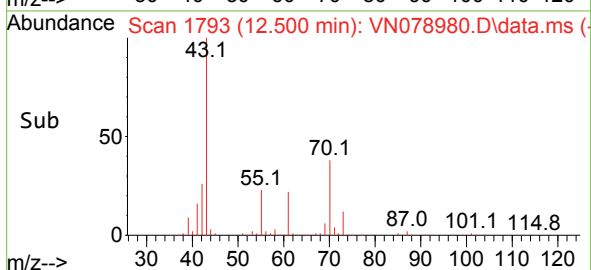
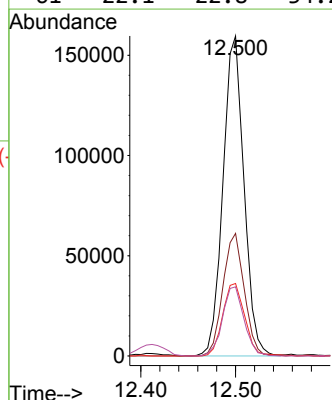
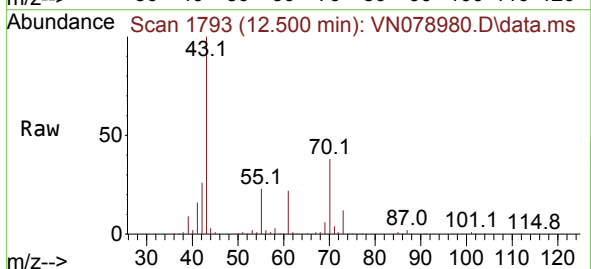
Instrument :
MSVOA_N
ClientSampleId :

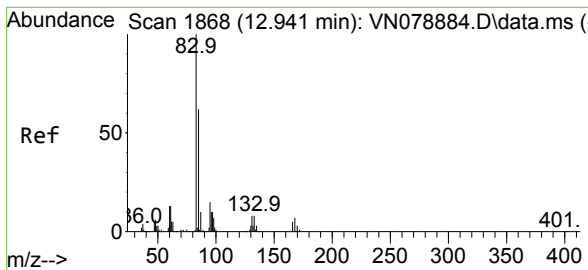
Tgt Ion:105 Resp: 517570
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1



#74
N-ethyl acetate
Concen: 45.944 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 43 Resp: 246162
Ion Ratio Lower Upper
43 100
70 39.0 43.4 65.2#
55 23.9 21.4 32.0
61 22.1 22.8 34.2#

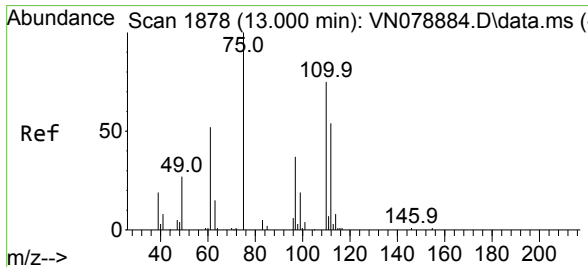
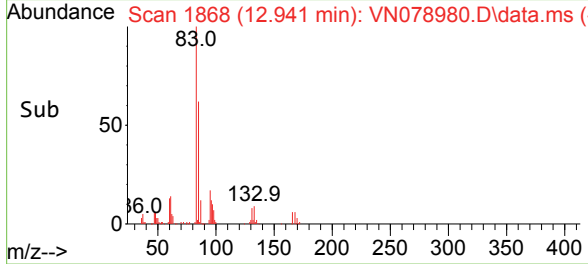
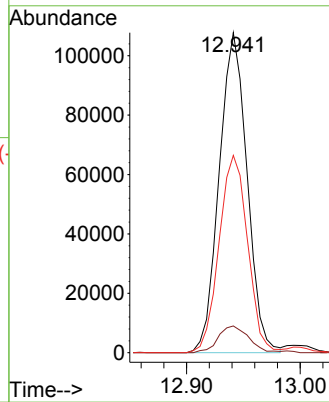
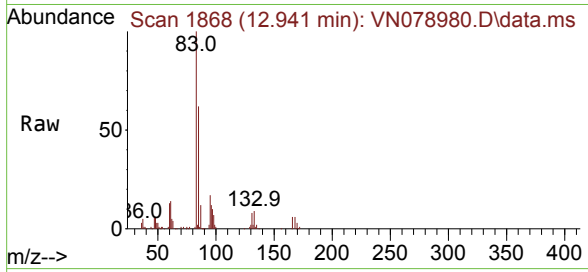




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.999 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078980.D
 Acq: 22 Aug 2023 09:20

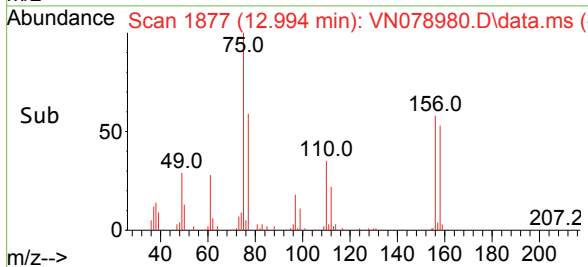
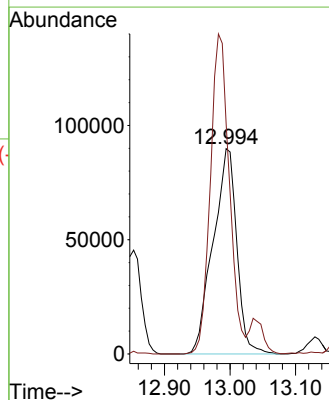
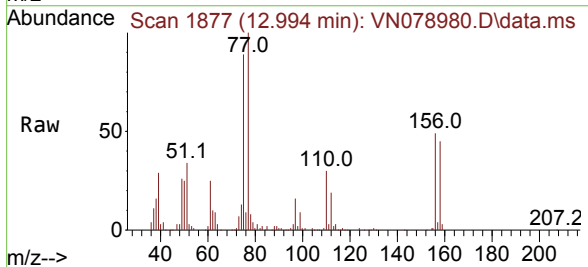
Instrument :
 MSVOA_N
 ClientSampleId :

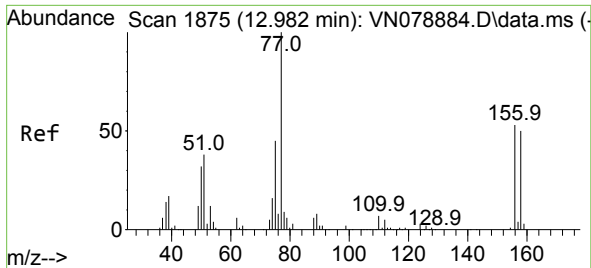
Tgt Ion: 83 Resp: 183963
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 15.0
 85 63.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 73.404 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VN078980.D
 Acq: 22 Aug 2023 09:20

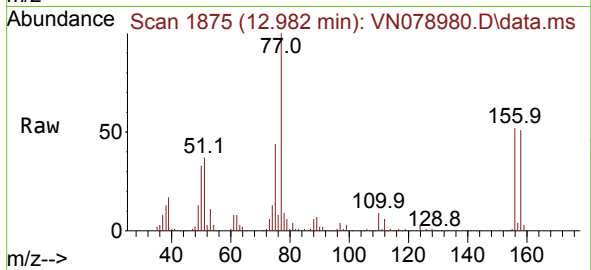
Tgt Ion: 75 Resp: 225158
 Ion Ratio Lower Upper
 75 100
 77 125.1 84.5 253.5



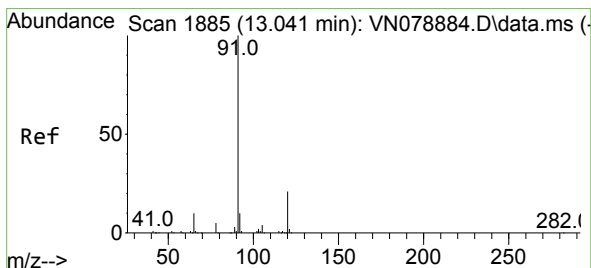
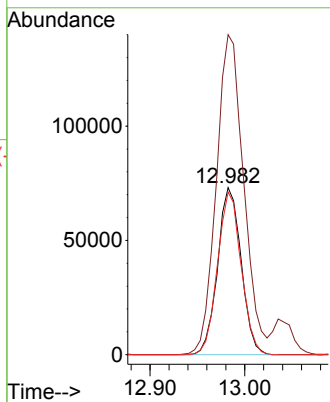
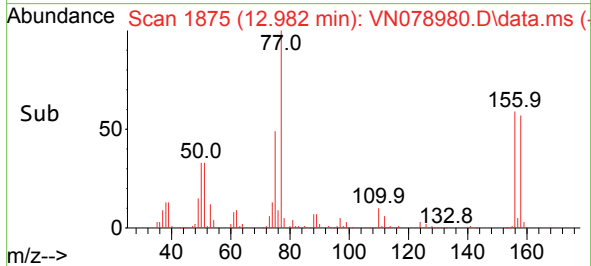


#77
Bromobenzene
Concen: 49.462 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

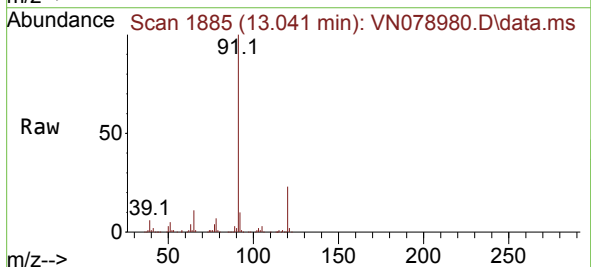
Instrument :
MSVOA_N
ClientSampleId :



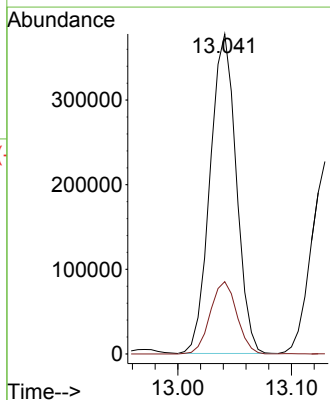
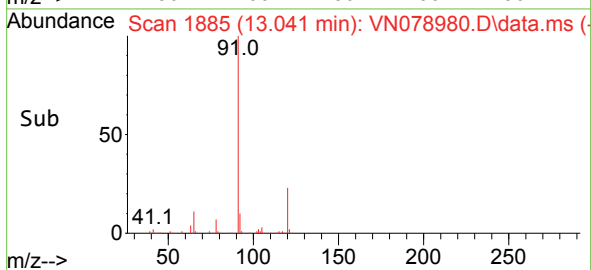
Tgt Ion:156 Resp: 126200
Ion Ratio Lower Upper
156 100
77 223.2 107.7 323.3
158 97.8 48.4 145.3

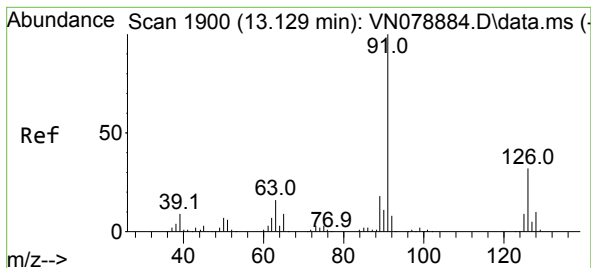


#78
n-propylbenzene
Concen: 49.142 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20



Tgt Ion: 91 Resp: 604880
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.166 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

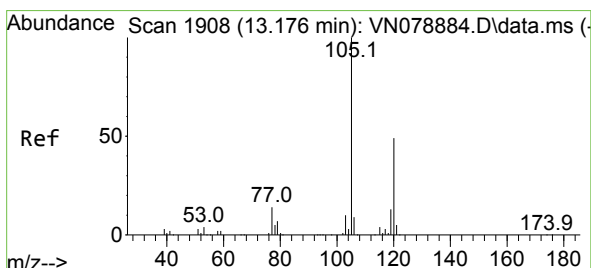
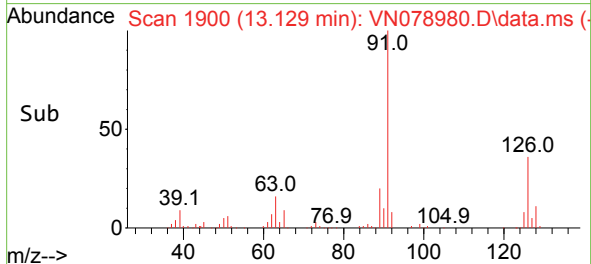
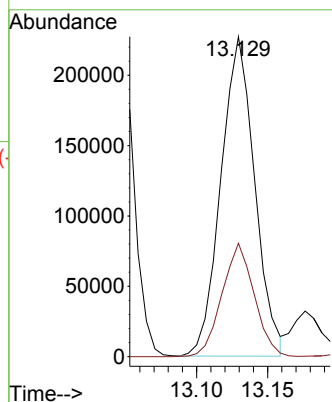
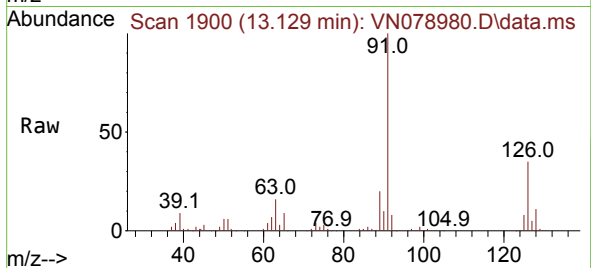
ClientSampleId :

Tgt Ion: 91 Resp: 375395

Ion Ratio Lower Upper

91 100

126 33.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 49.921 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078980.D

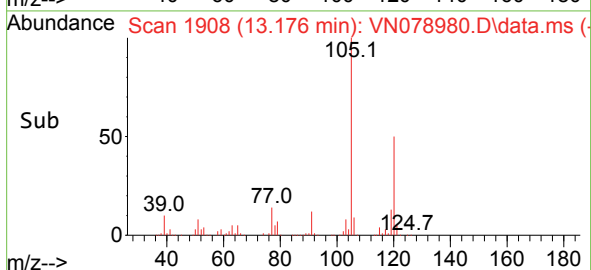
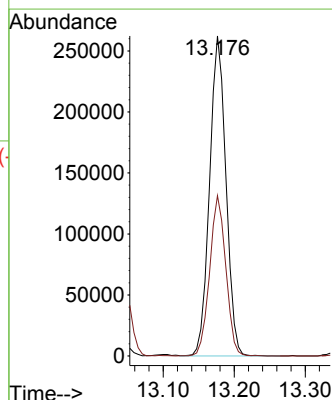
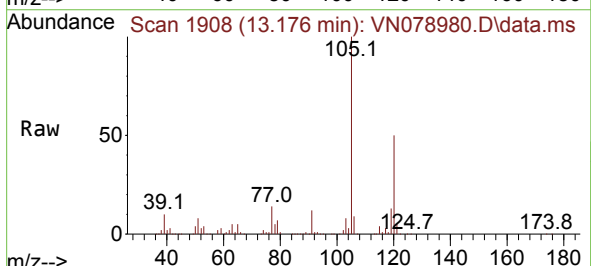
Acq: 22 Aug 2023 09:20

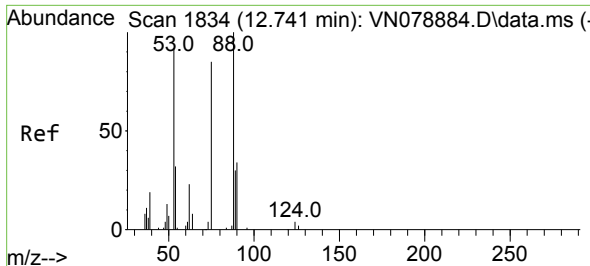
Tgt Ion:105 Resp: 419925

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.3

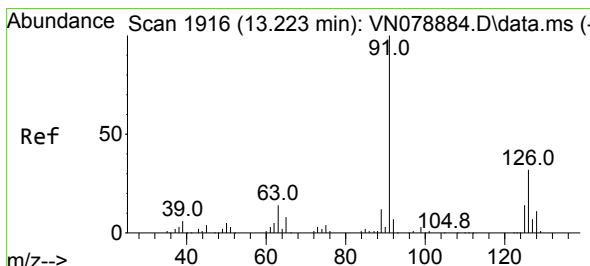
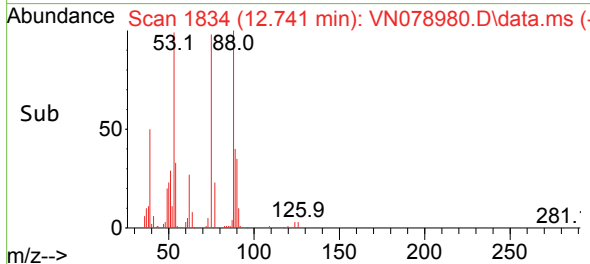
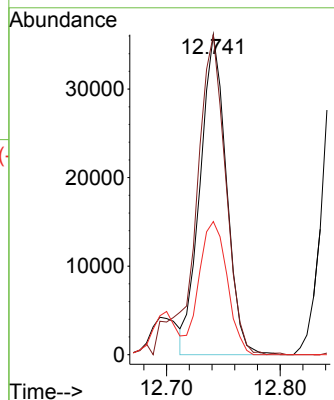
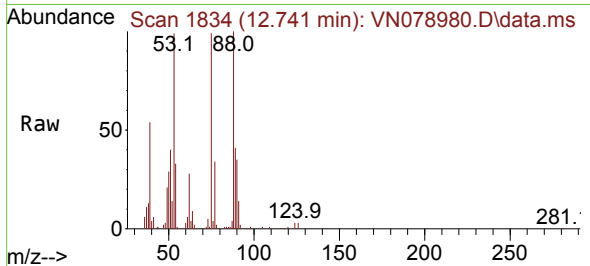




#81
trans-1,4-Dichloro-2-butene
Concen: 48.324 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

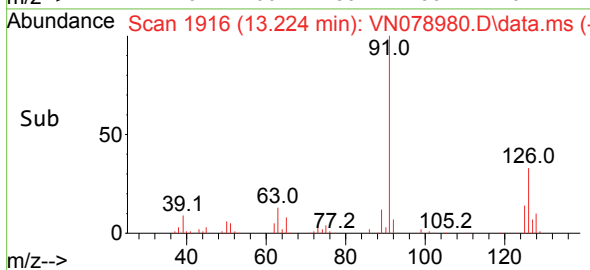
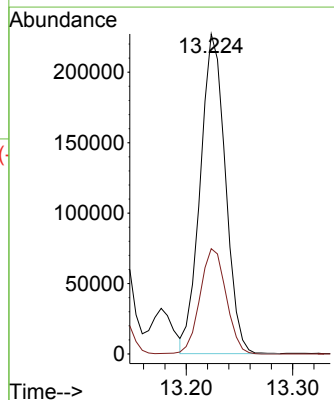
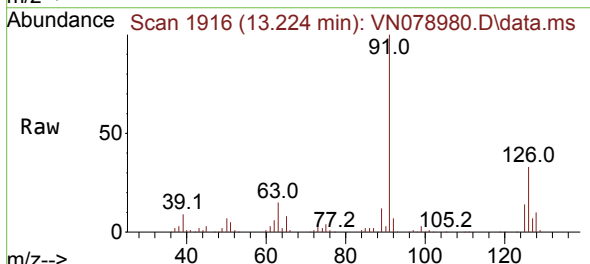
Instrument :
MSVOA_N
ClientSampleId :

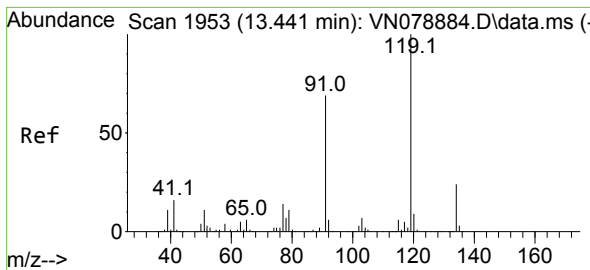
Tgt Ion: 75 Resp: 58024
Ion Ratio Lower Upper
75 100
53 114.9 67.4 101.2#
89 45.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 49.824 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.005 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 91 Resp: 372232
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 45.972 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

ClientSampleId :

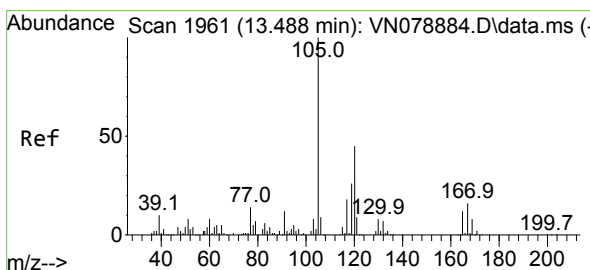
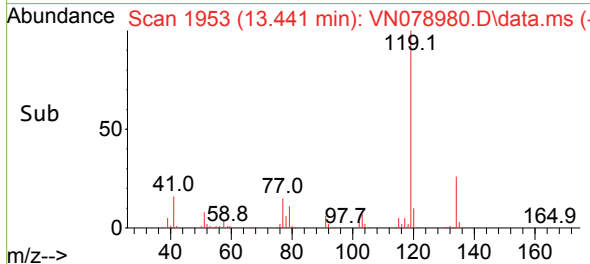
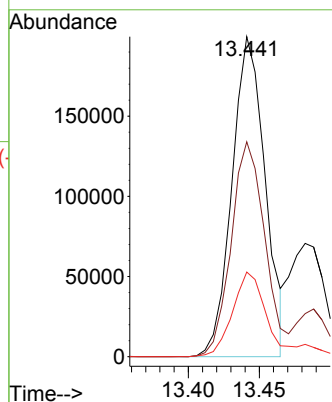
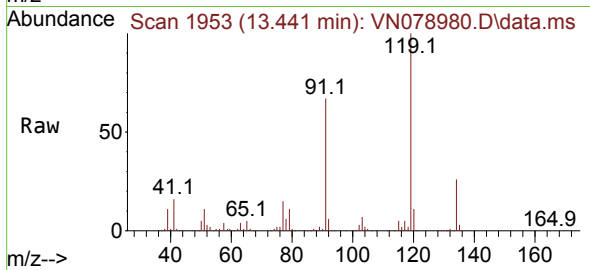
Tgt Ion:119 Resp: 324910

Ion Ratio Lower Upper

119 100

91 68.6 33.9 101.7

134 26.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 50.819 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078980.D

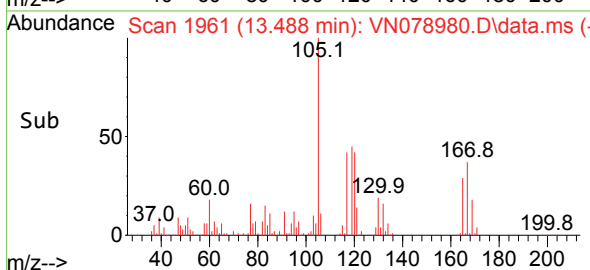
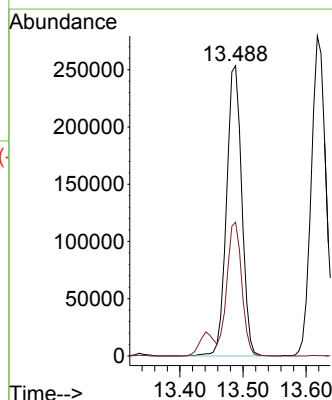
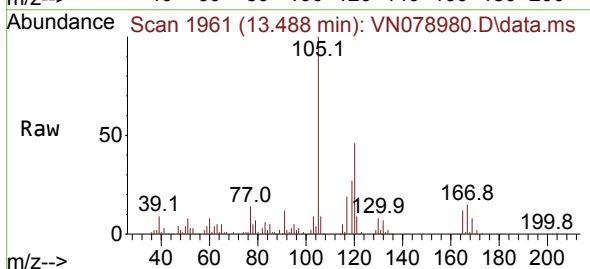
Acq: 22 Aug 2023 09:20

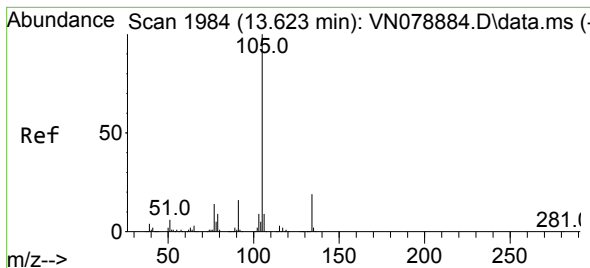
Tgt Ion:105 Resp: 423276

Ion Ratio Lower Upper

105 100

120 45.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.547 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.005 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

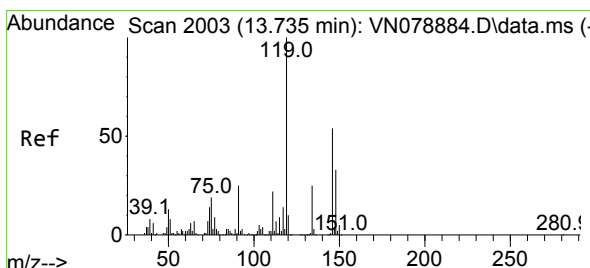
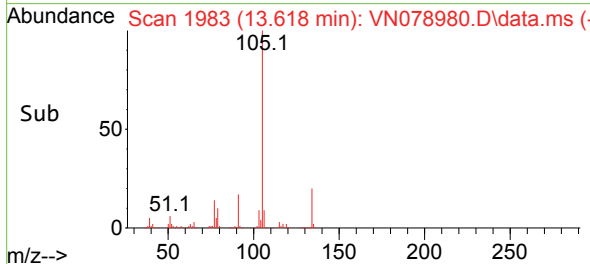
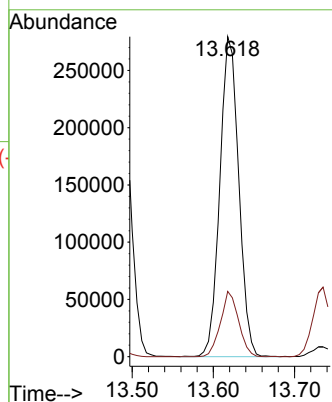
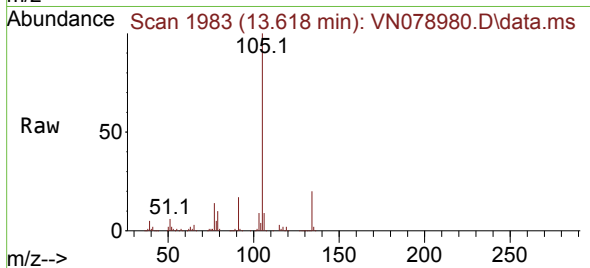
ClientSampleId :

Tgt Ion:105 Resp: 452739

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.088 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

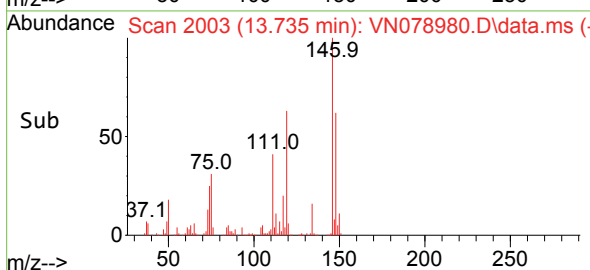
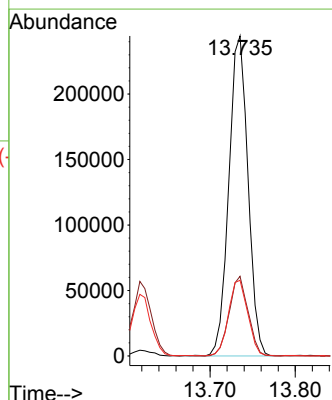
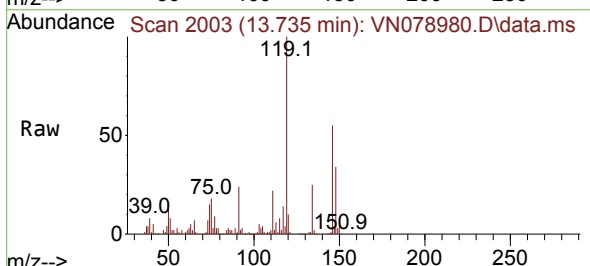
Tgt Ion:119 Resp: 381463

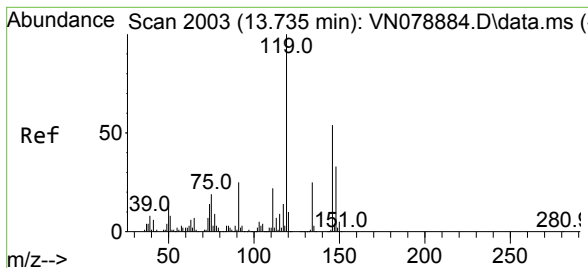
Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

91 23.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.970 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

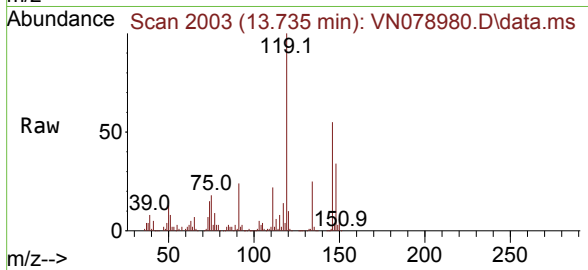
Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

ClientSampleId :



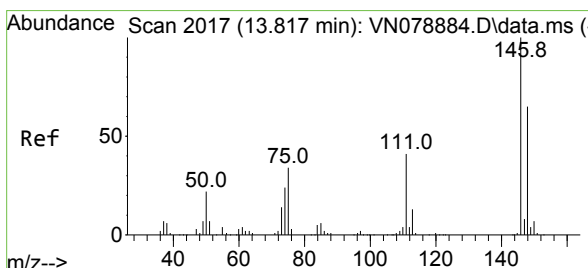
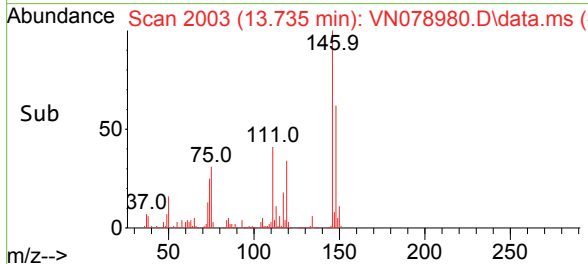
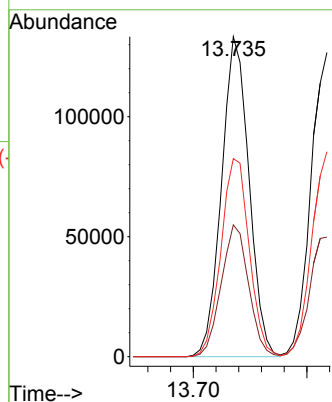
Tgt Ion:146 Resp: 223779

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.3

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 49.671 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

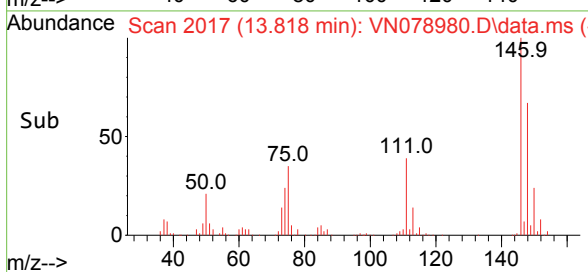
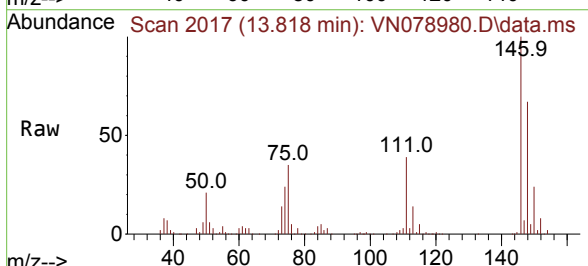
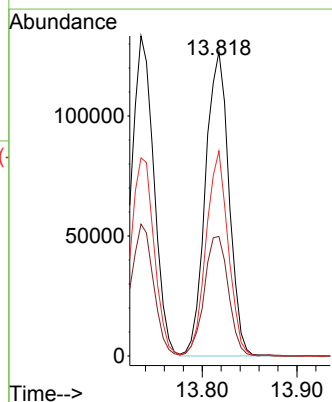
Tgt Ion:146 Resp: 218272

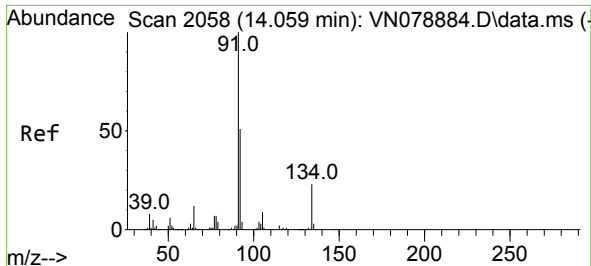
Ion Ratio Lower Upper

146 100

111 40.1 20.6 61.8

148 63.6 31.6 94.8

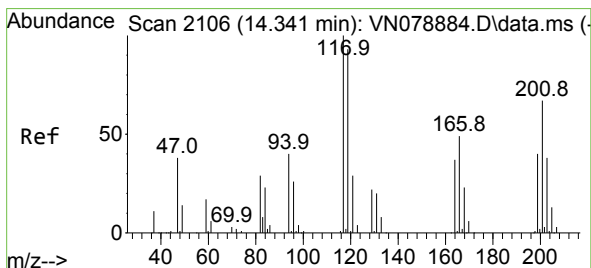
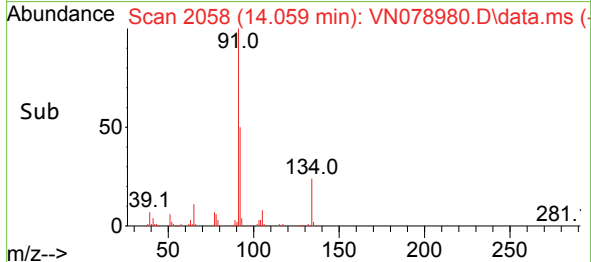
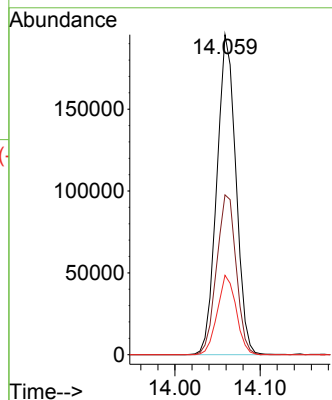
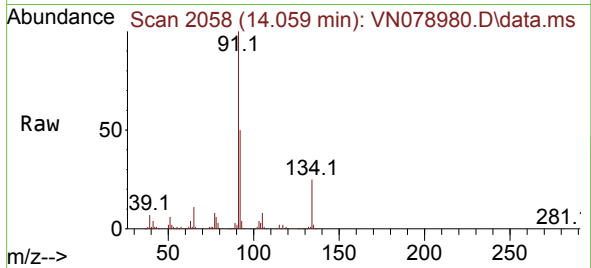




#89
n-Butylbenzene
Concen: 47.592 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

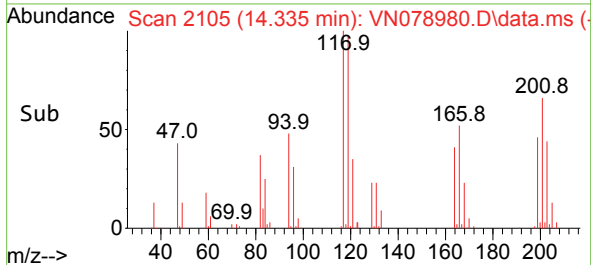
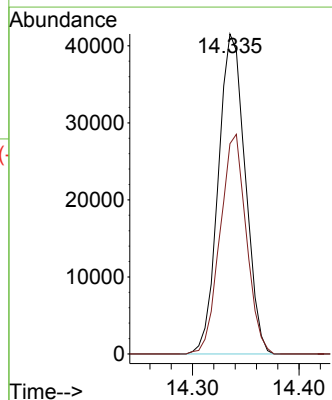
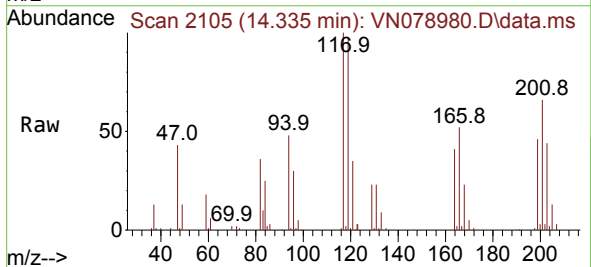
Instrument :
MSVOA_N
ClientSampleId :

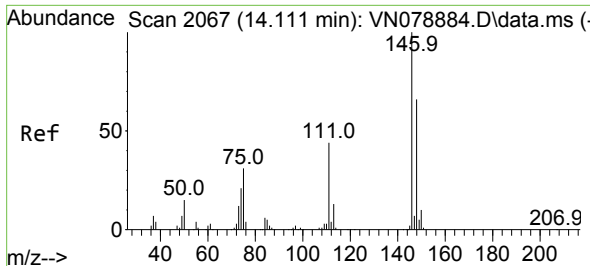
Tgt Ion: 91 Resp: 304359
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 24.5 12.6 37.6



#90
Hexachloroethane
Concen: 46.745 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078980.D
Acq: 22 Aug 2023 09:20

Tgt Ion: 117 Resp: 72817
Ion Ratio Lower Upper
117 100
201 67.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 50.366 ug/l

RT: 14.106 min Scan# 2067

Delta R.T. -0.006 min

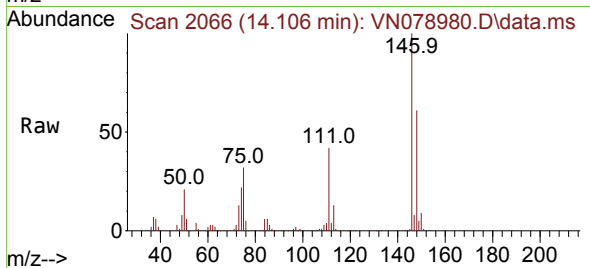
Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

ClientSampleId :



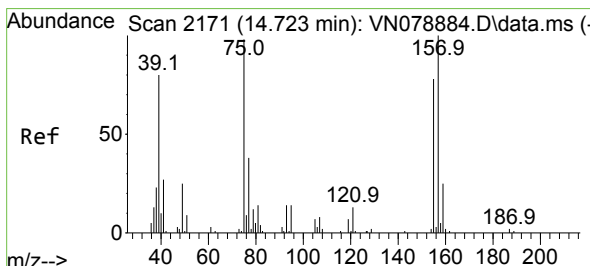
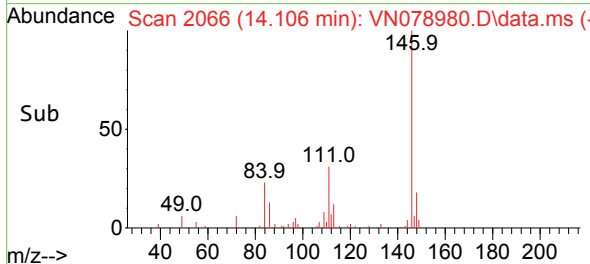
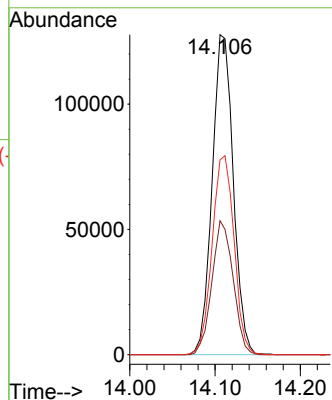
Tgt Ion:146 Resp: 219904

Ion Ratio Lower Upper

146 100

111 41.9 22.0 66.0

148 64.7 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.712 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

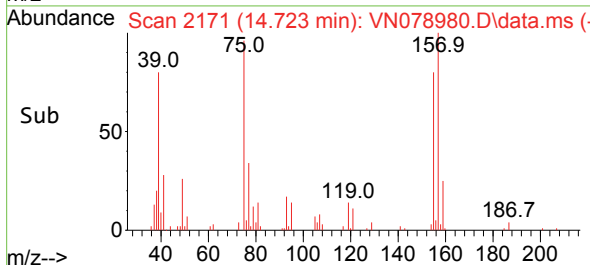
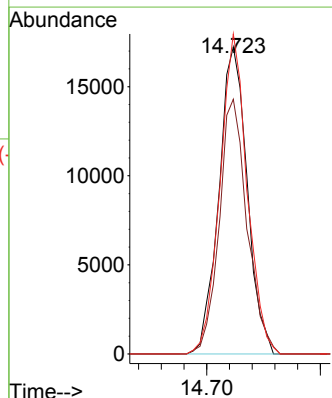
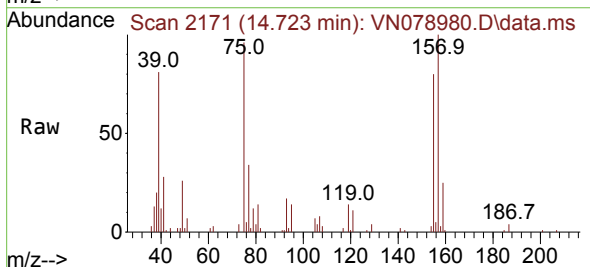
Tgt Ion: 75 Resp: 29787

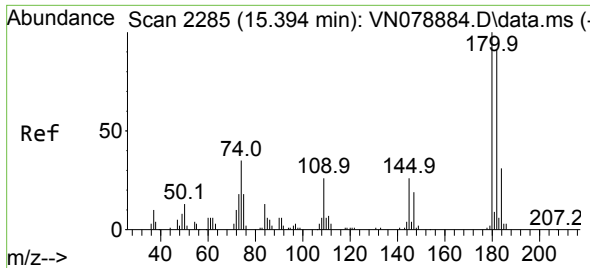
Ion Ratio Lower Upper

75 100

155 81.9 39.1 117.2

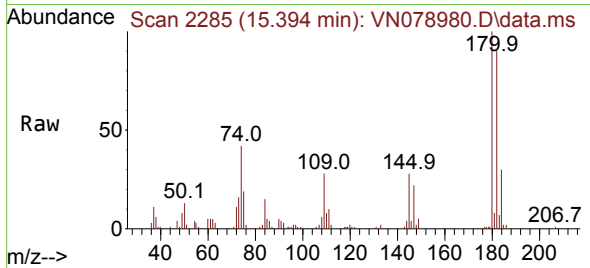
157 100.2 50.3 150.9



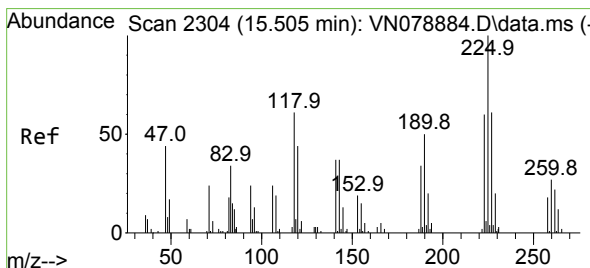
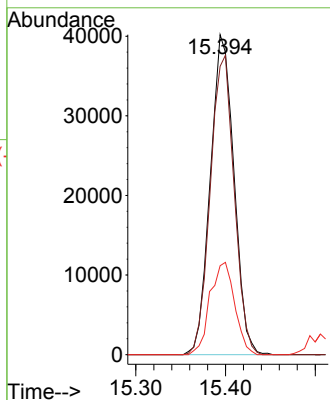
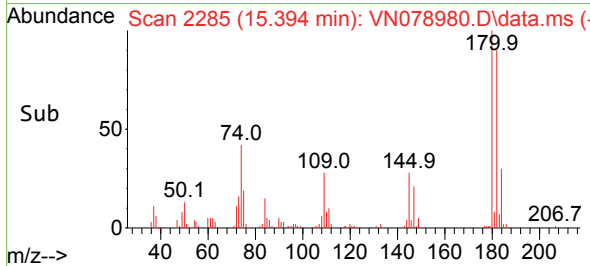


#93
 1,2,4-Trichlorobenzene
 Concen: 47.521 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078980.D
 Acq: 22 Aug 2023 09:20

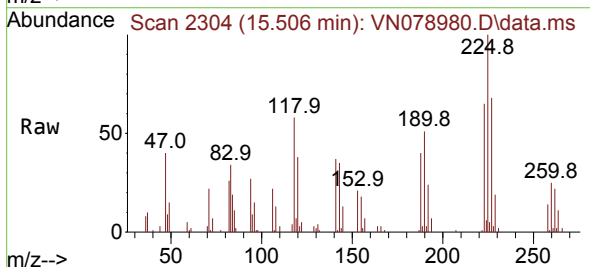
Instrument :
 MSVOA_N
 ClientSampleId :



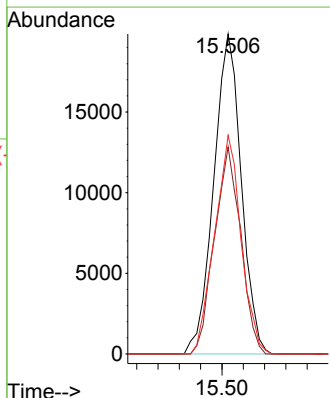
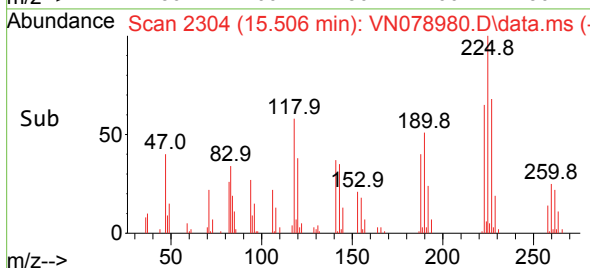
Tgt Ion:180 Resp: 73553
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.1 138.2
 145 30.0 16.6 49.8

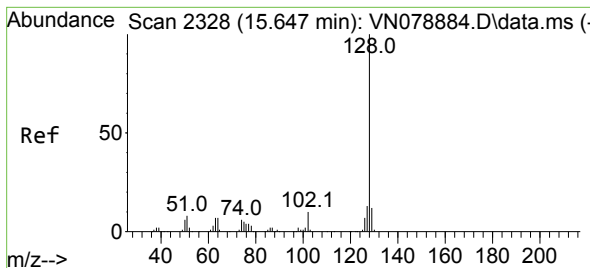


#94
 Hexachlorobutadiene
 Concen: 43.164 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078980.D
 Acq: 22 Aug 2023 09:20



Tgt Ion:225 Resp: 35546
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.3 93.8
 227 65.7 31.9 95.9





#95

Naphthalene

Concen: 39.427 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Instrument :

MSVOA_N

ClientSampleId :

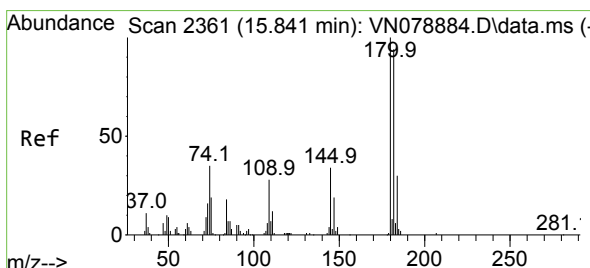
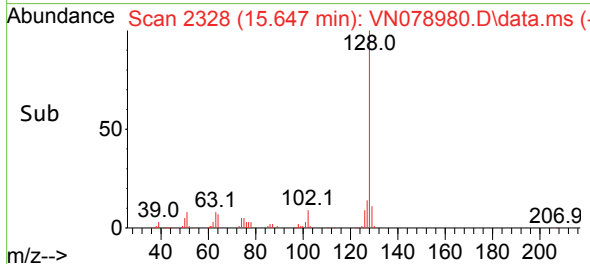
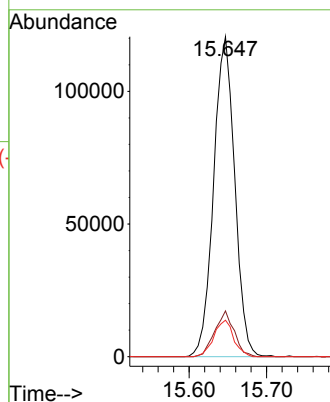
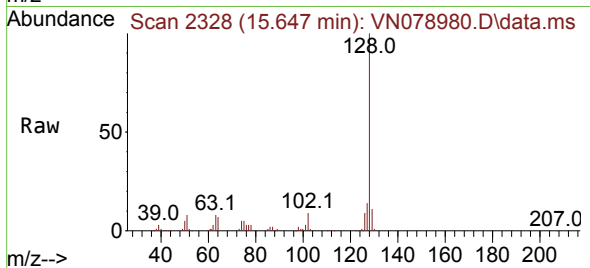
Tgt Ion:128 Resp: 227927

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.463 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078980.D

Acq: 22 Aug 2023 09:20

Tgt Ion:180 Resp: 77070

Ion Ratio Lower Upper

180 100

182 96.7 46.2 138.6

145 34.8 17.5 52.6

