

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078174.D
 Acq On : 12 Jun 2023 18:19
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 13 01:36:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	414517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	760365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	679277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	278650	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	286713	51.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.760%	
35) Dibromofluoromethane	8.171	113	242713	50.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.960%	
50) Toluene-d8	10.570	98	920491	49.665	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.320%	
62) 4-Bromofluorobenzene	12.853	95	295380	51.265	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	204895	43.728	ug/l	100
3) Chloromethane	2.371	50	227464	51.661	ug/l	98
4) Vinyl Chloride	2.518	62	294772	48.042	ug/l	99
5) Bromomethane	2.947	94	217984	47.010	ug/l	99
6) Chloroethane	3.118	64	221131	52.869	ug/l	97
7) Trichlorofluoromethane	3.494	101	379359	45.594	ug/l	100
8) Diethyl Ether	3.965	74	135016	46.182	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	210810	48.008	ug/l	97
10) Methyl Iodide	4.594	142	290535	46.786	ug/l	99
11) Tert butyl alcohol	5.541	59	198602	260.245	ug/l	99
12) 1,1-Dichloroethene	4.347	96	198335	43.816	ug/l	90
13) Acrolein	4.189	56	213970	254.401	ug/l	94
14) Allyl chloride	5.036	41	264280	47.829	ug/l	91
15) Acrylonitrile	5.730	53	512754	260.615	ug/l	99
16) Acetone	4.441	43	398985	250.806	ug/l	94
17) Carbon Disulfide	4.718	76	514580	44.166	ug/l	100
18) Methyl Acetate	5.036	43	364160	49.721	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	701781	48.592	ug/l	98
20) Methylene Chloride	5.288	84	243791	46.375	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	227451	46.588	ug/l	88
22) Diisopropyl ether	6.682	45	679123	52.251	ug/l	94
23) Vinyl Acetate	6.618	43	2013970	260.668	ug/l #	89
24) 1,1-Dichloroethane	6.582	63	426377	49.729	ug/l	98
25) 2-Butanone	7.494	43	649563	265.526	ug/l	88
26) 2,2-Dichloropropane	7.500	77	346643	54.755	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	272874	46.857	ug/l	93
28) Bromochloromethane	7.818	49	181649	46.142	ug/l	89
29) Tetrahydrofuran	7.847	42	416771	254.846	ug/l	87
30) Chloroform	7.977	83	467123	50.594	ug/l	92
31) Cyclohexane	8.265	56	342896	48.366	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	411170	50.726	ug/l	95
36) 1,1-Dichloropropene	8.377	75	341963	49.588	ug/l	97
37) Ethyl Acetate	7.571	43	279306	51.846	ug/l	94
38) Carbon Tetrachloride	8.371	117	362404	49.770	ug/l	97
39) Methylcyclohexane	9.606	83	338498	47.365	ug/l	93
40) Benzene	8.612	78	1018913	49.491	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	143565	49.166	ug/l	92
42) 1,2-Dichloroethane	8.676	62	357245	50.609	ug/l	97
43) Isopropyl Acetate	8.700	43	531082	51.547	ug/l #	90
44) Trichloroethene	9.359	130	256409	47.160	ug/l	99
45) 1,2-Dichloropropane	9.629	63	258693	50.504	ug/l	99
46) Dibromomethane	9.718	93	182036	48.249	ug/l	95
47) Bromodichloromethane	9.894	83	369572	52.734	ug/l	95
48) Methyl methacrylate	9.688	41	226402	52.364	ug/l	89
49) 1,4-Dioxane	9.700	88	95031	1045.755	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1443515	266.069	ug/l	93
52) Toluene	10.635	92	650354	50.033	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	386316	52.930	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	413746	51.282	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	256057	52.074	ug/l	94
56) Ethyl methacrylate	10.882	69	376060	52.524	ug/l	92
57) 1,3-Dichloropropane	11.170	76	427677	51.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	759100	262.452	ug/l	93
59) 2-Hexanone	11.200	43	1030847	272.883	ug/l	92
60) Dibromochloromethane	11.365	129	277468	51.568	ug/l	99
61) 1,2-Dibromoethane	11.476	107	253242	49.076	ug/l	97
64) Tetrachloroethene	11.112	164	199744	44.077	ug/l	98
65) Chlorobenzene	11.900	112	678892	46.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	265637	49.648	ug/l	98
67) Ethyl Benzene	11.970	91	1236309	49.254	ug/l	97
68) m/p-Xylenes	12.076	106	946199	98.913	ug/l	98
69) o-Xylene	12.406	106	467617	49.779	ug/l	98
70) Styrene	12.417	104	743483	50.273	ug/l	98
71) Bromoform	12.582	173	177638	51.447	ug/l #	99
73) Isopropylbenzene	12.700	105	1170129	44.407	ug/l	100
74) N-amyl acetate	12.500	43	395071	45.530	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	360642	49.750	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	432930	65.721	ug/l	71
77) Bromobenzene	12.988	156	258336	42.234	ug/l	98
78) n-propylbenzene	13.041	91	1336118	46.671	ug/l	99
79) 2-Chlorotoluene	13.129	91	819920	44.369	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	959444	44.974	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	108097	50.416	ug/l	95
82) 4-Chlorotoluene	13.229	91	769683	44.627	ug/l	98
83) tert-Butylbenzene	13.447	119	834504	45.000	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	952575	46.056	ug/l	97
85) sec-Butylbenzene	13.623	105	1059376	43.646	ug/l	98
86) p-Isopropyltoluene	13.735	119	887026	45.034	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	454760	43.952	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	440461	44.117	ug/l	99
89) n-Butylbenzene	14.064	91	699351	45.015	ug/l	97
90) Hexachloroethane	14.341	117	162537	46.499	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	448349	44.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61475	47.101	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	167455	46.478	ug/l	96
94) Hexachlorobutadiene	15.505	225	81355	45.844	ug/l	96
95) Naphthalene	15.647	128	511098	42.173	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	173819	43.136	ug/l	98

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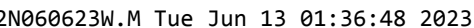
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

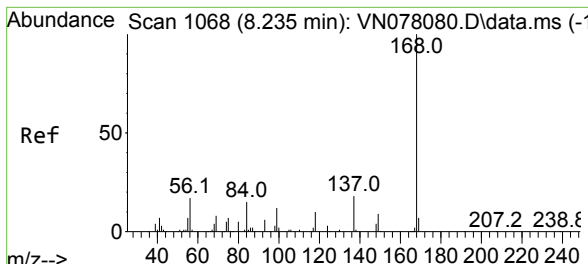
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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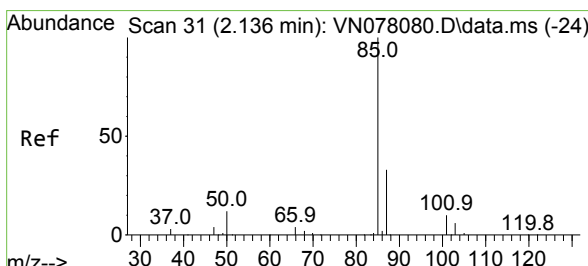
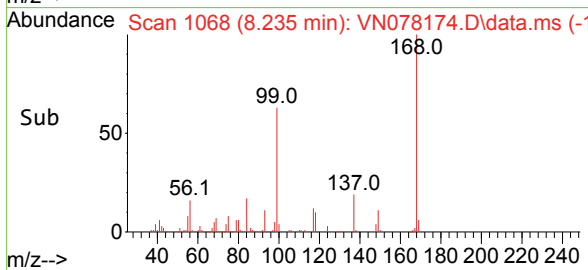
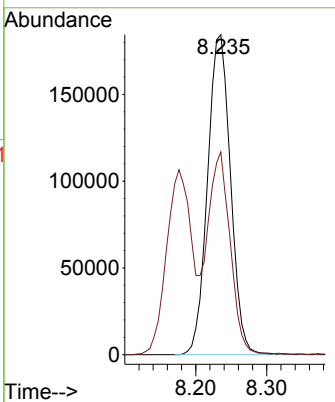
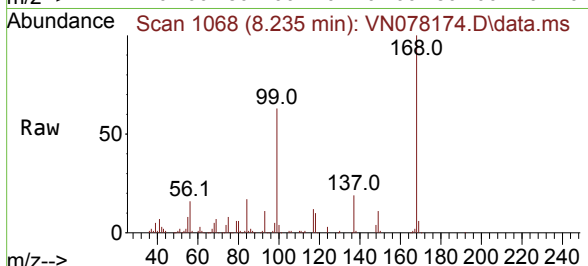




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. 0.000 min
 Lab File: VN078174.D
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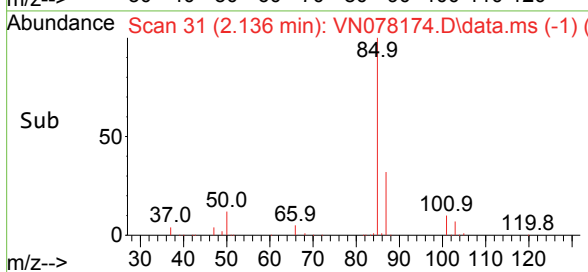
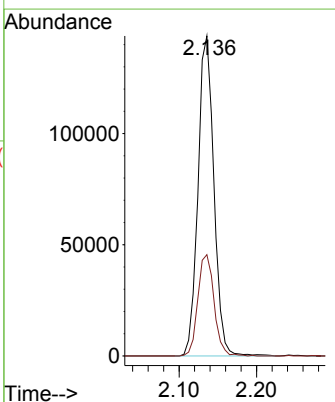
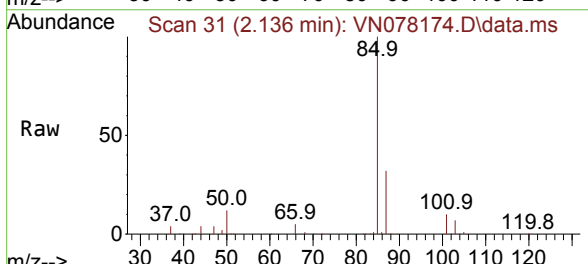
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 VSTDCCC050EC

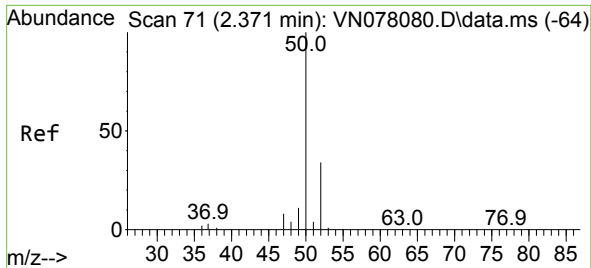
Tgt Ion:168 Resp: 414517
 Ion Ratio Lower Upper
 168 100
 99 63.0 53.0 79.6



#2
 Dichlorodifluoromethane
 Concen: 43.728 ug/l
 RT: 2.136 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VN078174.D
 Acq: 12 Jun 2023 18:19

Tgt Ion: 85 Resp: 204895
 Ion Ratio Lower Upper
 85 100
 87 31.7 15.8 47.4

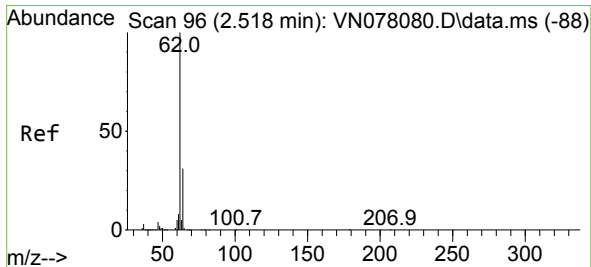
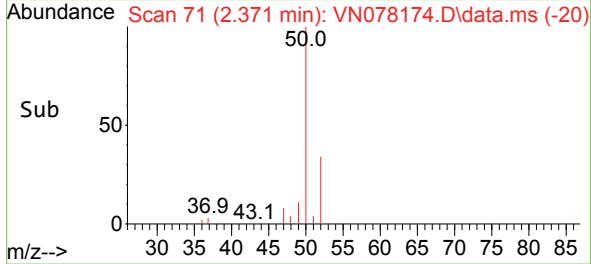
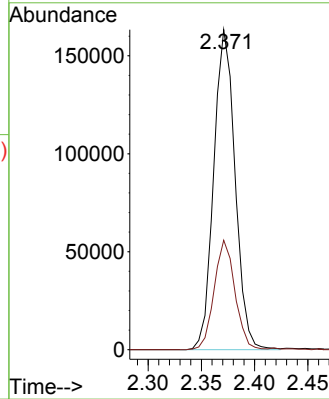
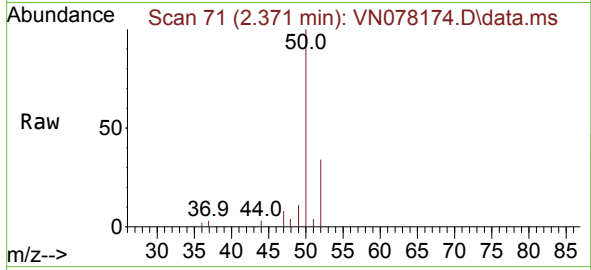




#3
Chloromethane
Concen: 51.661 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

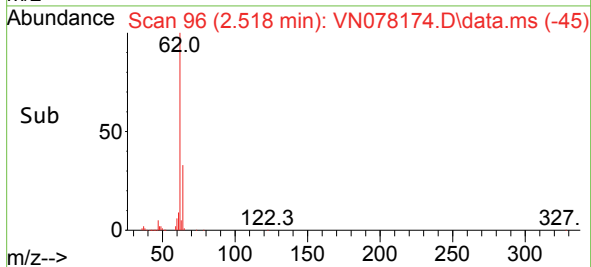
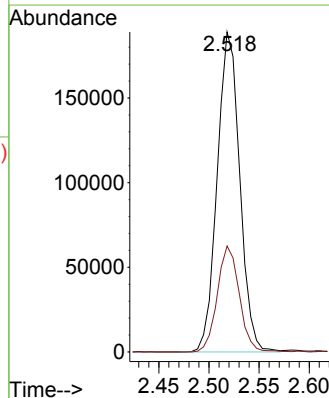
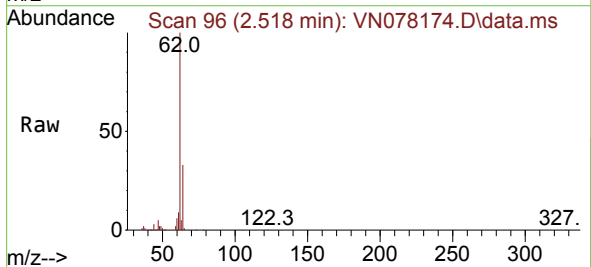
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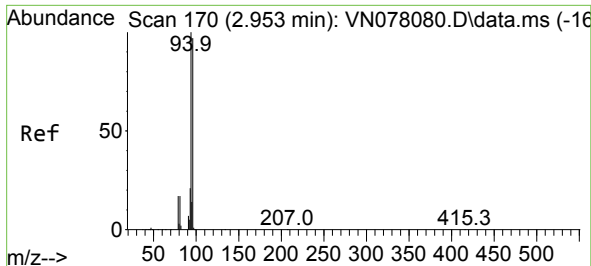
Tgt Ion: 50 Resp: 227464
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7



#4
Vinyl Chloride
Concen: 48.042 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 62 Resp: 294772
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2

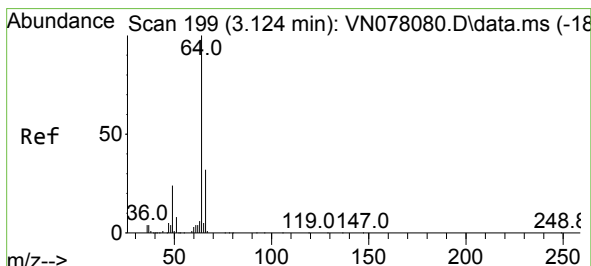
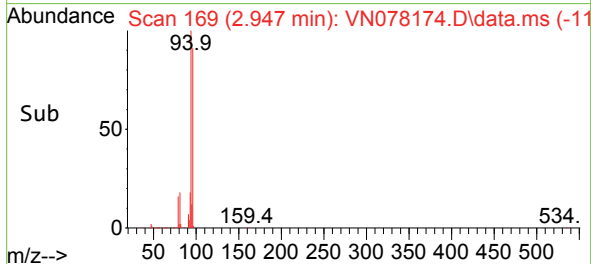
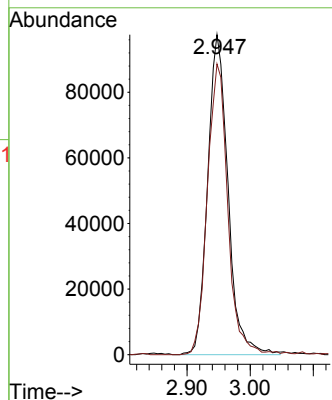
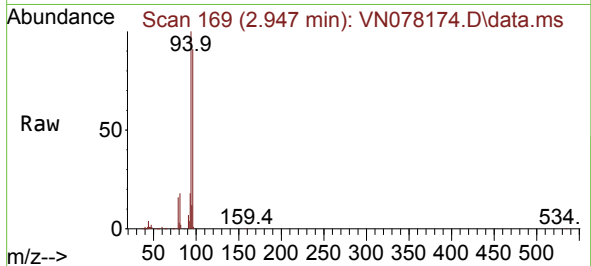




#5
Bromomethane
Concen: 47.010 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

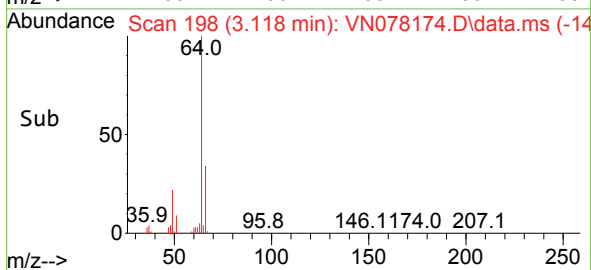
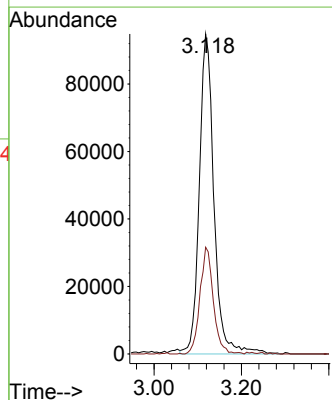
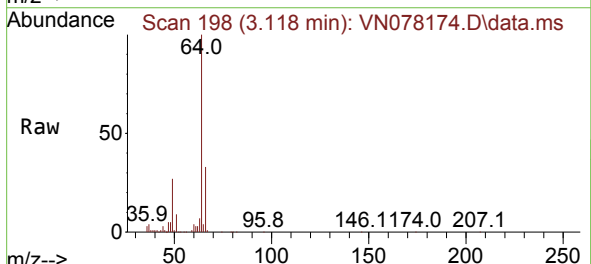
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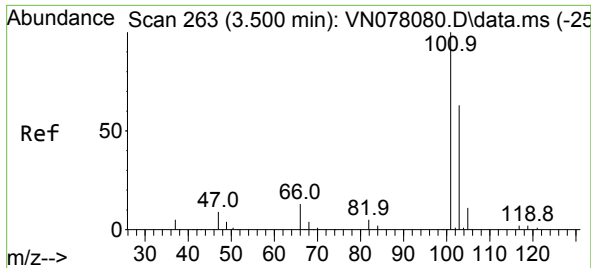
Tgt Ion: 94 Resp: 217984
Ion Ratio Lower Upper
94 100
96 90.9 73.1 109.7



#6
Chloroethane
Concen: 52.869 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 64 Resp: 221131
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.2

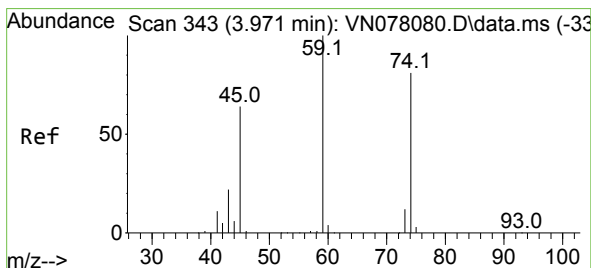
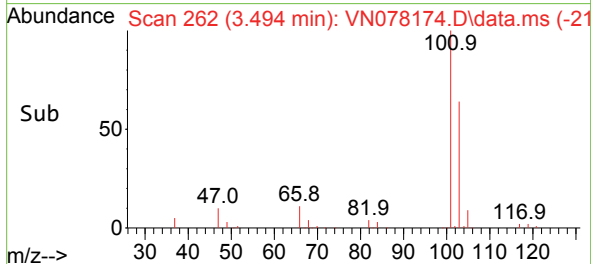
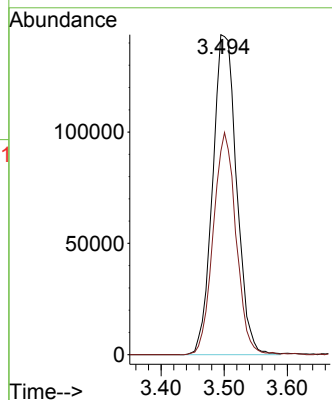
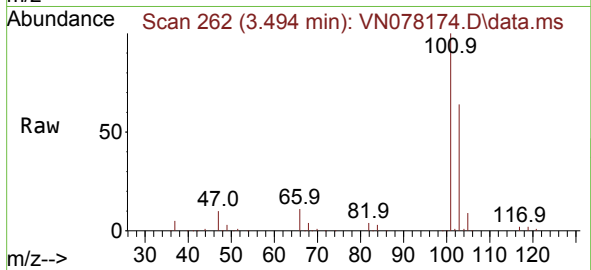




#7
Trichlorofluoromethane
Concen: 45.594 ug/l
RT: 3.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

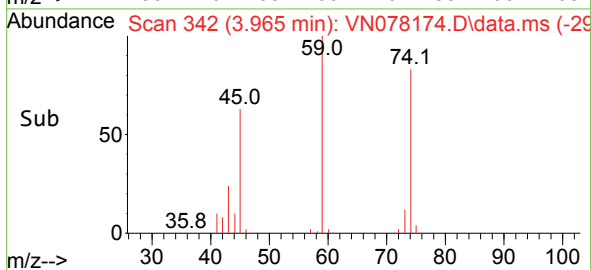
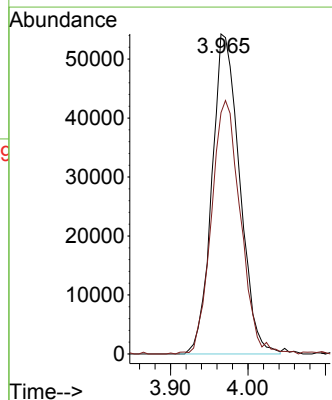
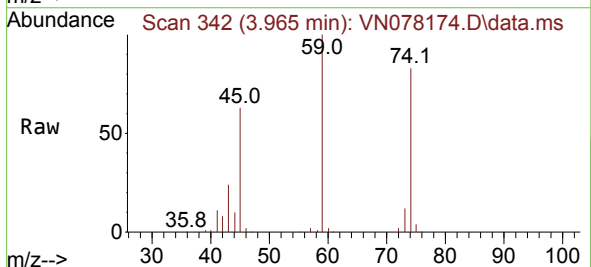
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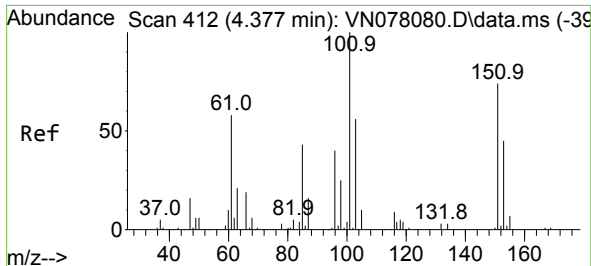
Tgt Ion:101 Resp: 379359
Ion Ratio Lower Upper
101 100
103 63.5 50.7 76.1



#8
Diethyl Ether
Concen: 46.182 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 74 Resp: 135016
Ion Ratio Lower Upper
74 100
45 82.8 34.4 103.3

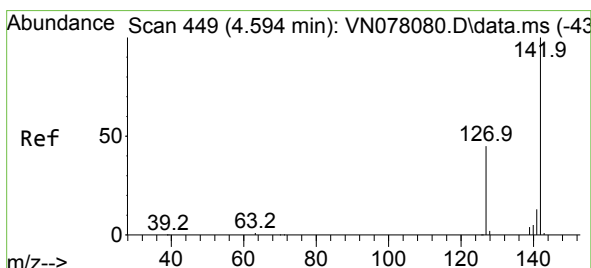
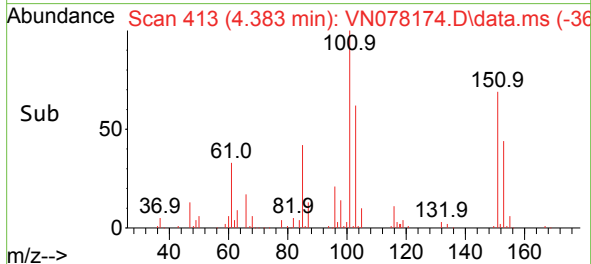
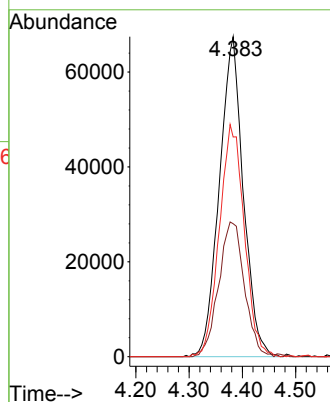
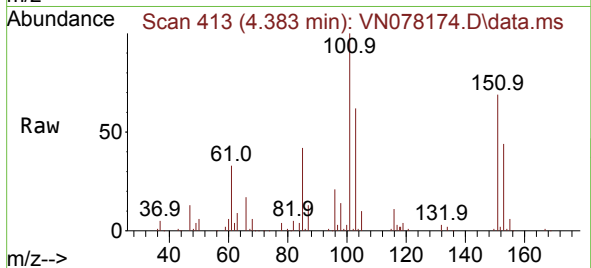




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.008 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

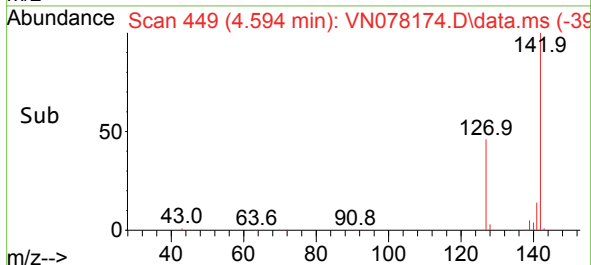
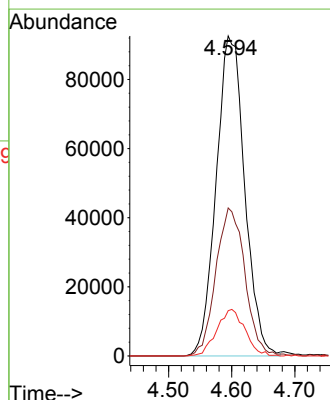
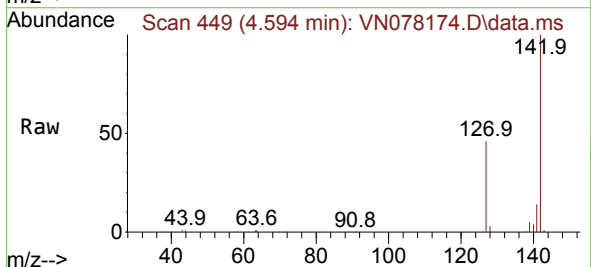
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

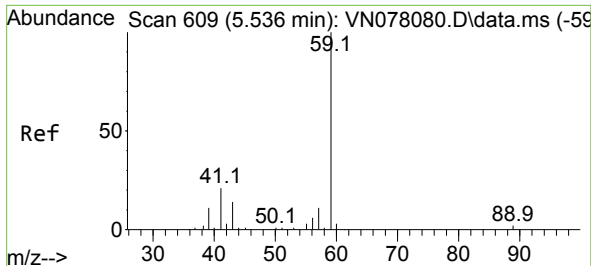
Tgt Ion:101 Resp: 210810
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 75.5 57.6 86.4



#10
Methyl Iodide
Concen: 46.786 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion:142 Resp: 290535
Ion Ratio Lower Upper
142 100
127 46.3 37.6 56.4
141 14.1 11.4 17.0

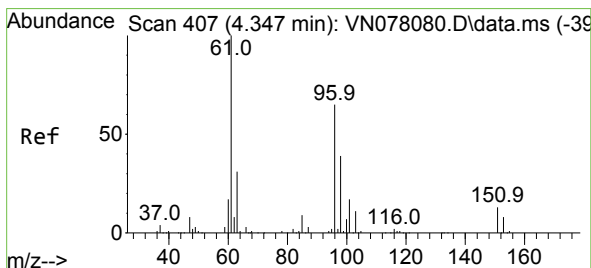
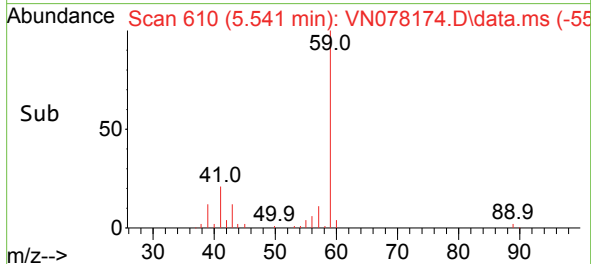
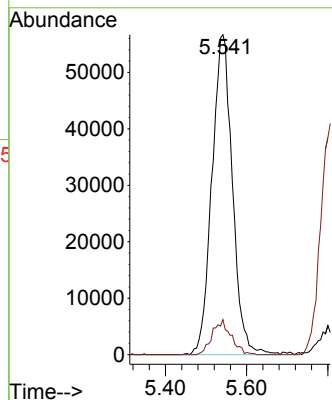
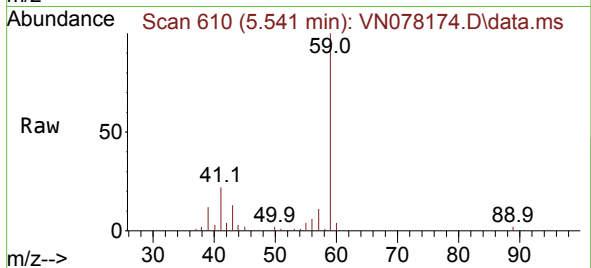




#11
Tert butyl alcohol
Concen: 260.245 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

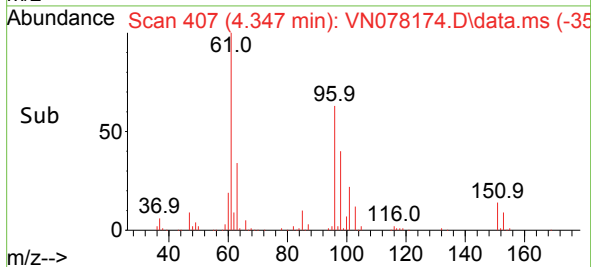
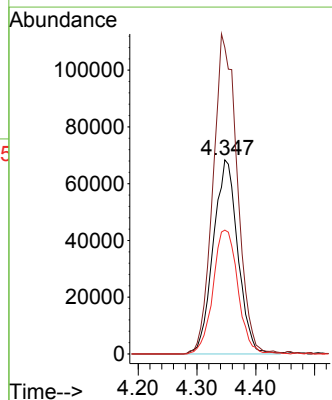
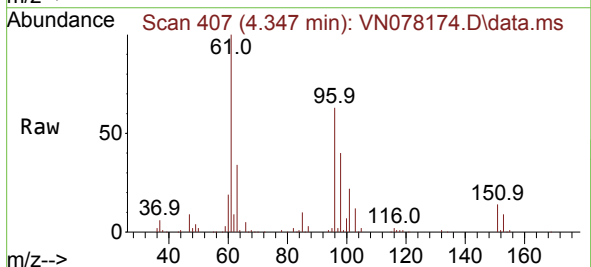
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

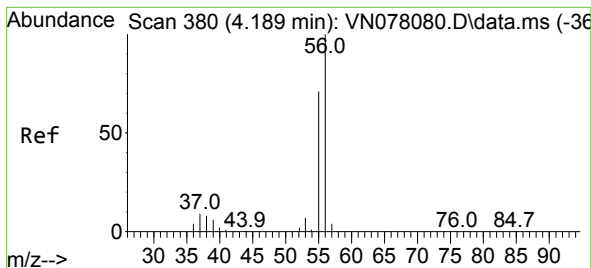
Tgt Ion: 59 Resp: 198602
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 43.816 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 96 Resp: 198335
Ion Ratio Lower Upper
96 100
61 157.9 112.7 169.1
98 63.8 51.2 76.8





#13

Acrolein

Concen: 254.401 ug/l

RT: 4.189 min Scan# 380

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

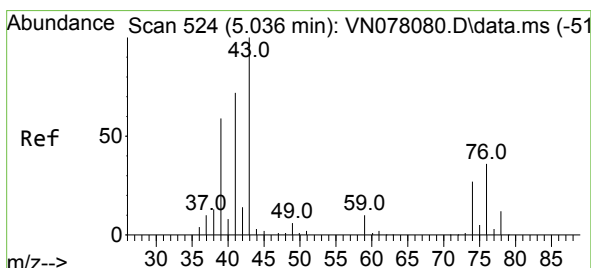
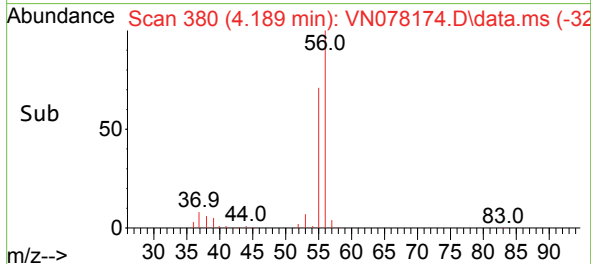
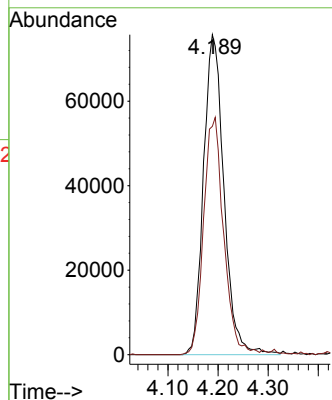
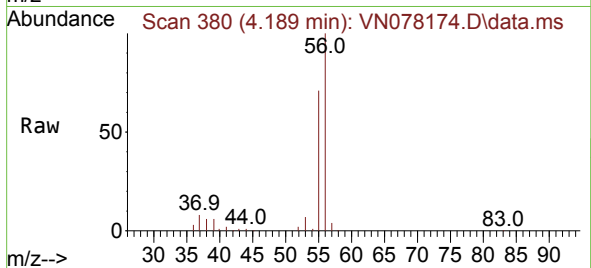
VSTDCCC050EC

Tgt Ion: 56 Resp: 213970

Ion Ratio Lower Upper

56 100

55 72.8 54.5 81.7



#14

Allyl chloride

Concen: 47.829 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

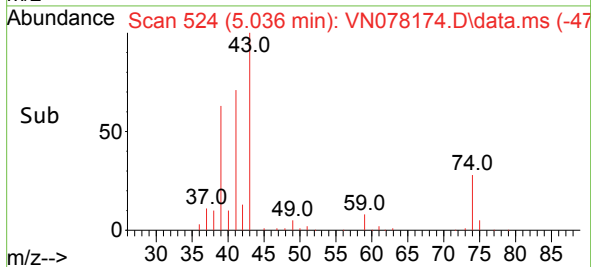
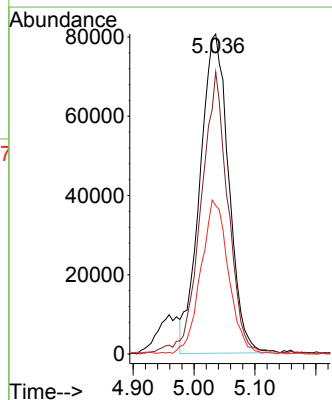
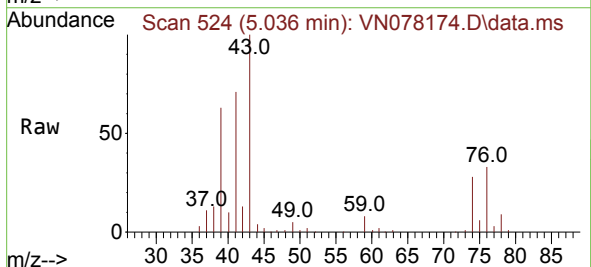
Tgt Ion: 41 Resp: 264280

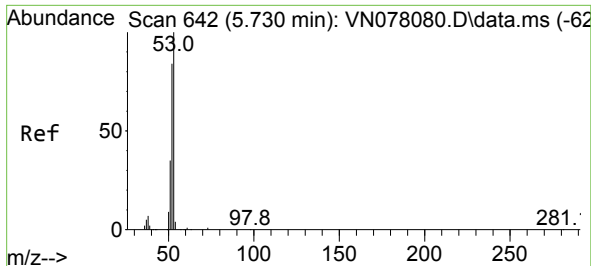
Ion Ratio Lower Upper

41 100

39 83.6 58.8 88.2

76 46.5 39.1 58.7

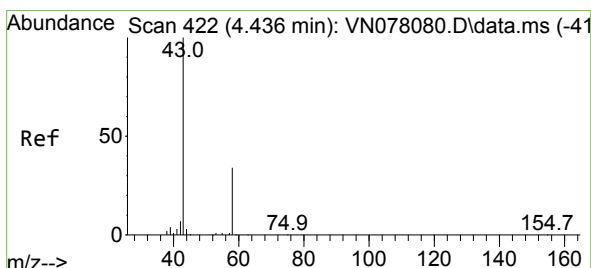
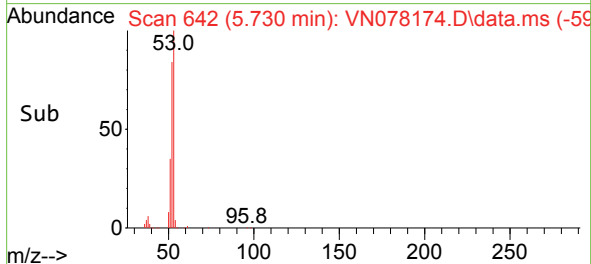
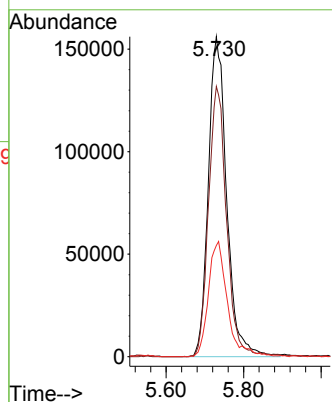
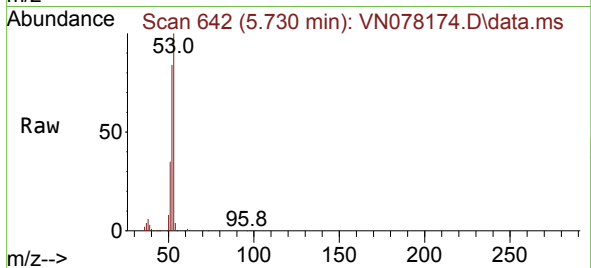




#15
Acrylonitrile
Concen: 260.615 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

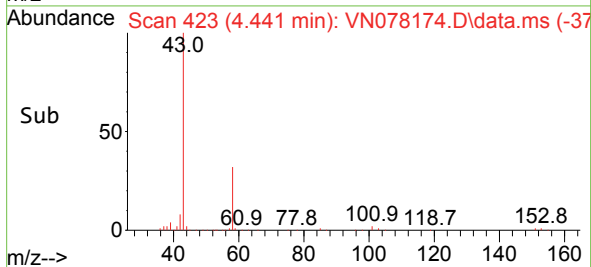
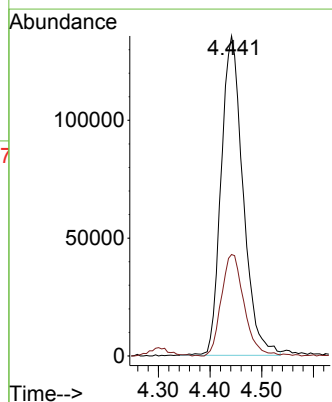
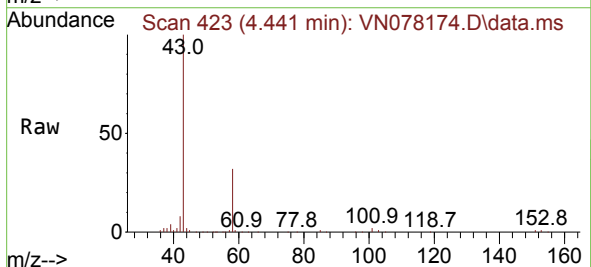
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

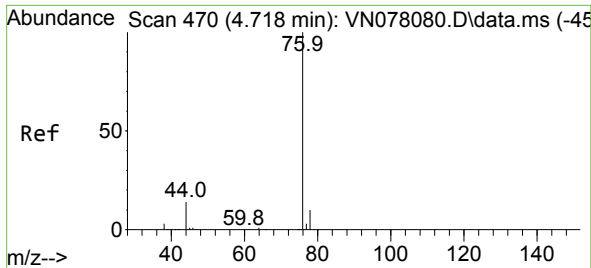
Tgt Ion: 53 Resp: 512754
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 37.3 28.9 43.3



#16
Acetone
Concen: 250.806 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 43 Resp: 398985
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0

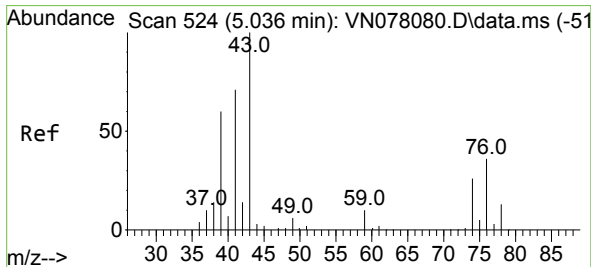
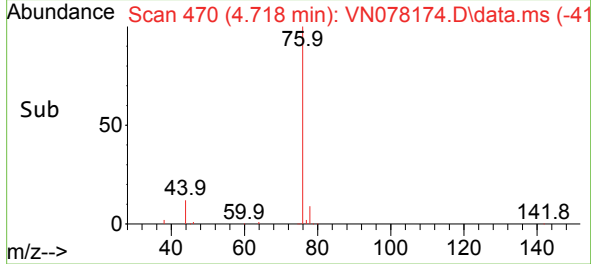
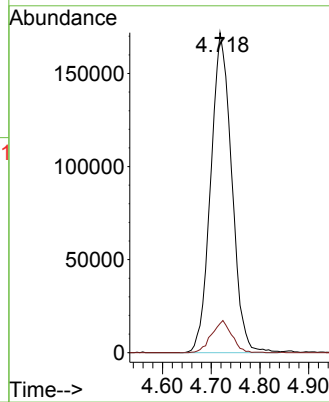
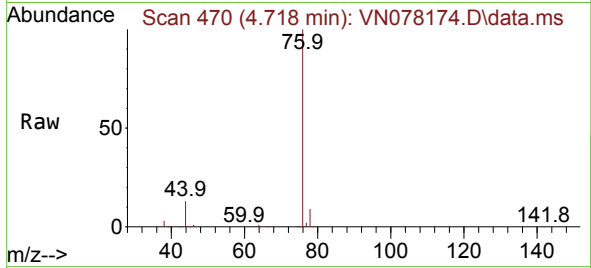




#17
Carbon Disulfide
Concen: 44.166 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

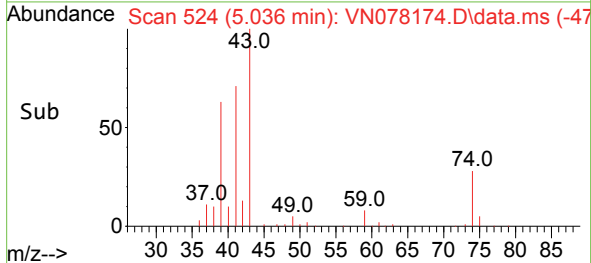
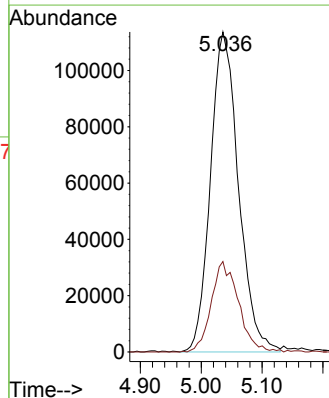
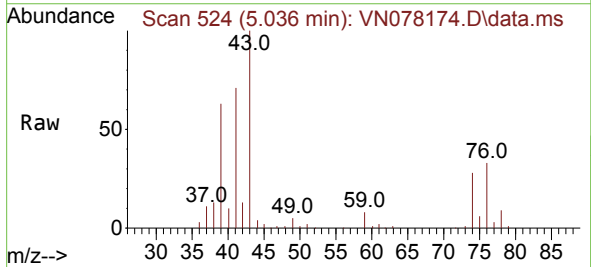
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

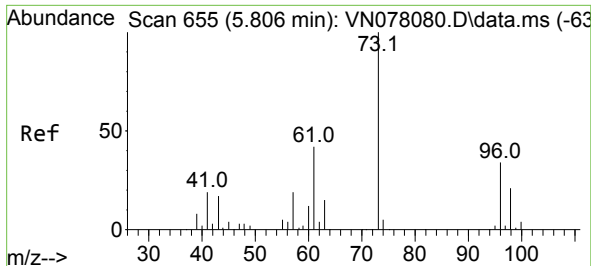
Tgt Ion: 76 Resp: 514580
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 49.721 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 43 Resp: 364160
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4

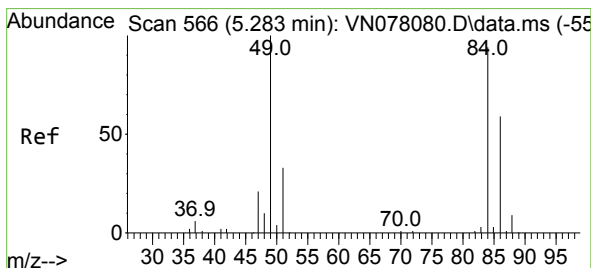
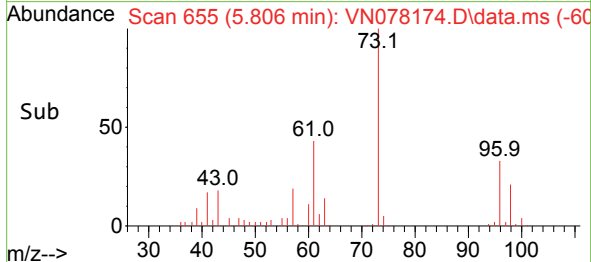
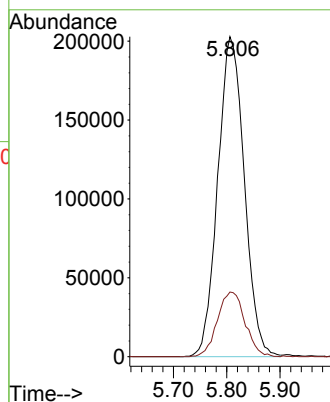
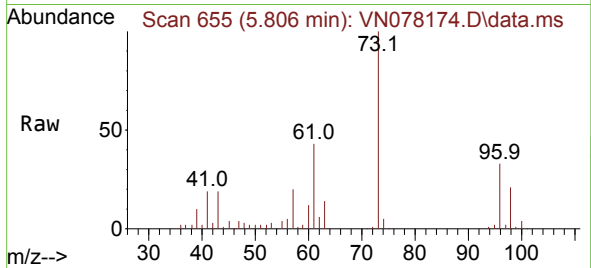




#19
Methyl tert-butyl Ether
Concen: 48.592 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

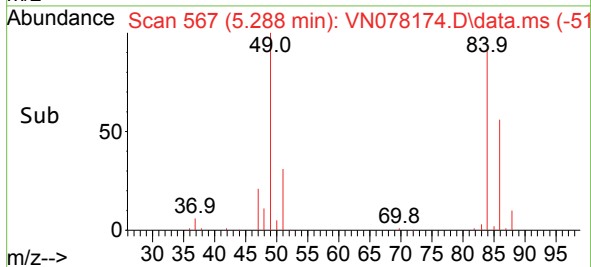
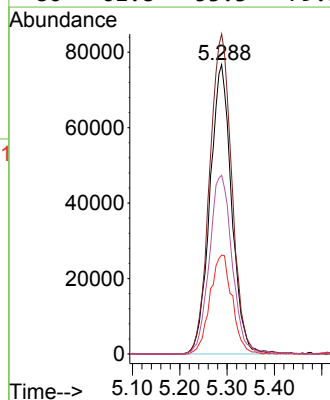
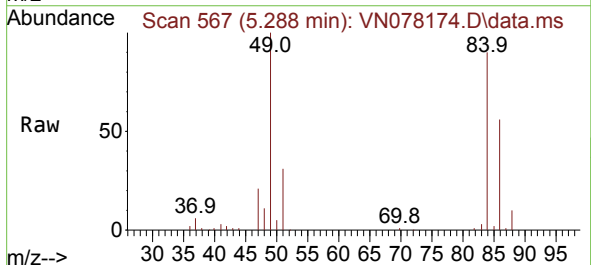
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

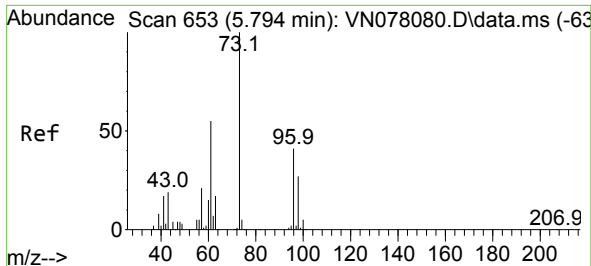
Tgt Ion: 73 Resp: 701781
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4



#20
Methylene Chloride
Concen: 46.375 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 84 Resp: 243791
Ion Ratio Lower Upper
84 100
49 110.6 79.7 119.5
51 34.2 25.2 37.8
86 61.8 53.3 79.9

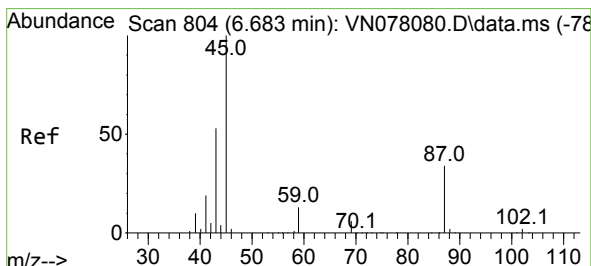
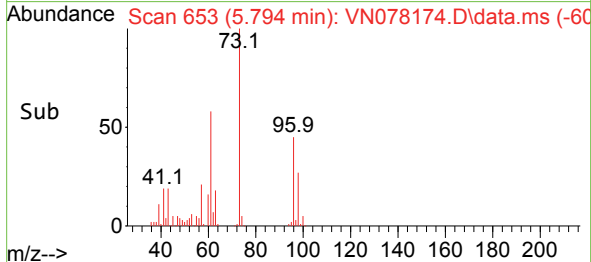
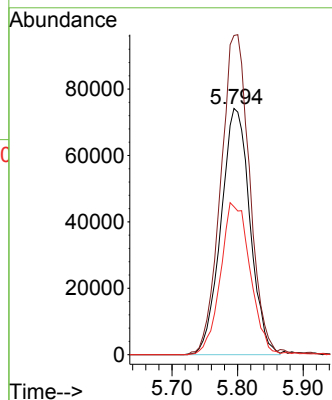
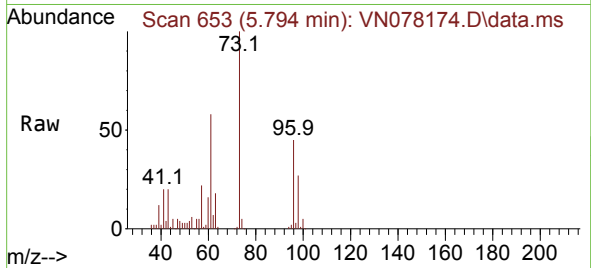




#21
trans-1,2-Dichloroethene
Concen: 46.588 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

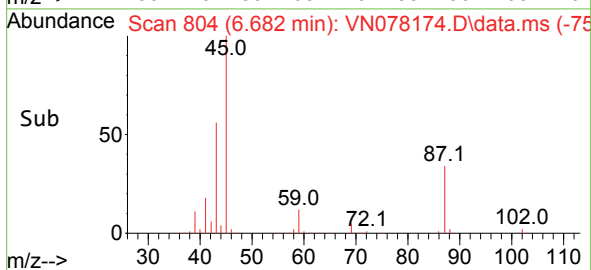
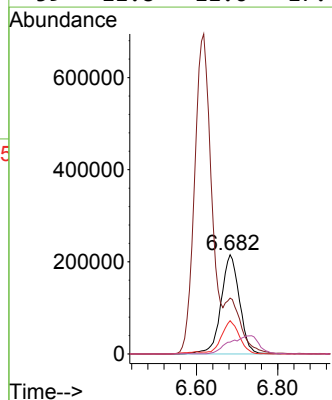
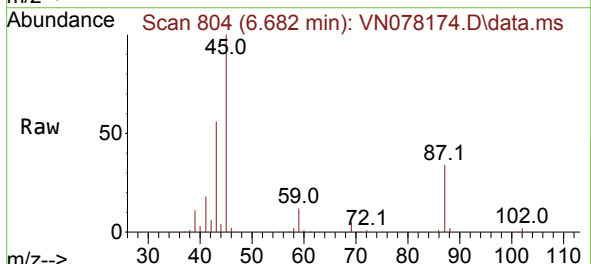
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

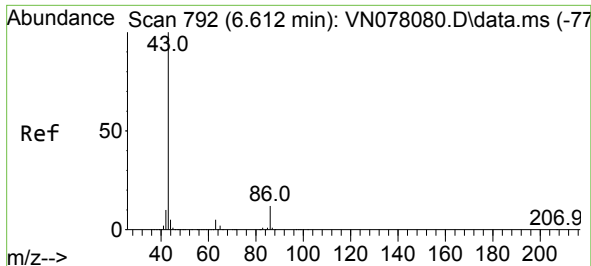
Tgt Ion: 96 Resp: 227451
Ion Ratio Lower Upper
96 100
61 129.7 90.1 135.1
98 60.1 46.4 69.6



#22
Diisopropyl ether
Concen: 52.251 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 45 Resp: 679123
Ion Ratio Lower Upper
45 100
43 55.4 45.5 68.3
87 33.6 31.8 47.8
59 11.8 11.6 17.4

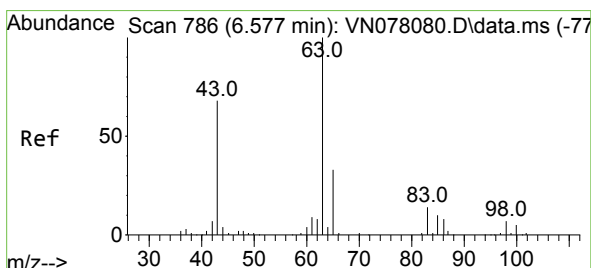
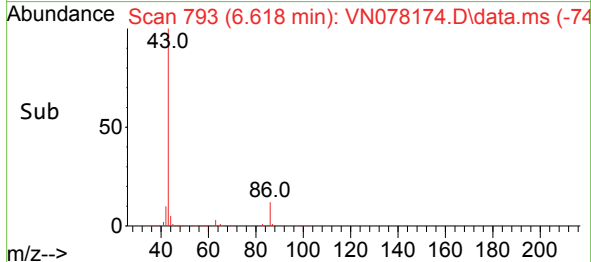
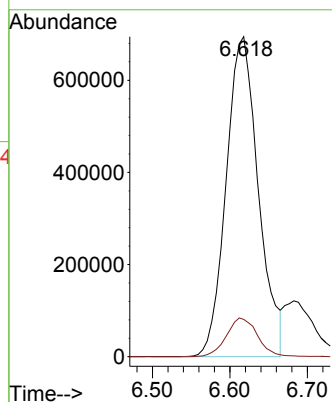
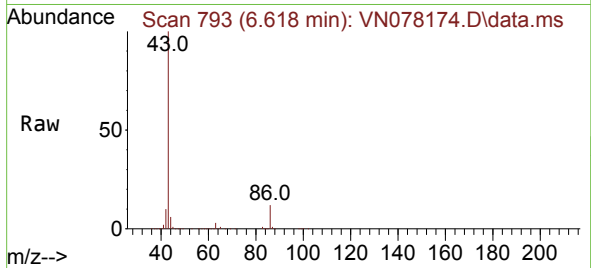




#23
 Vinyl Acetate
 Concen: 260.668 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078174.D
 Acq: 12 Jun 2023 18:19

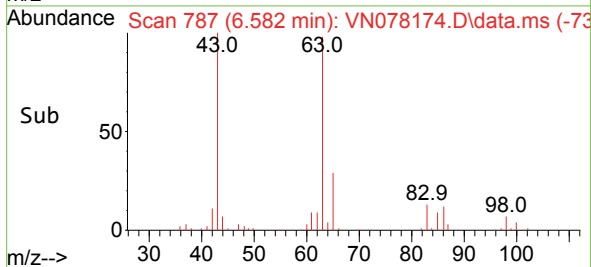
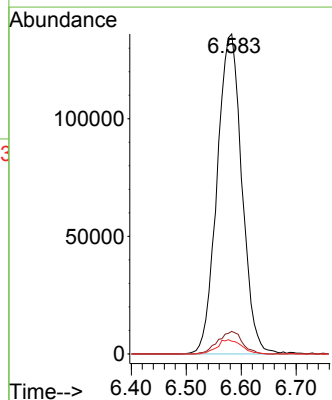
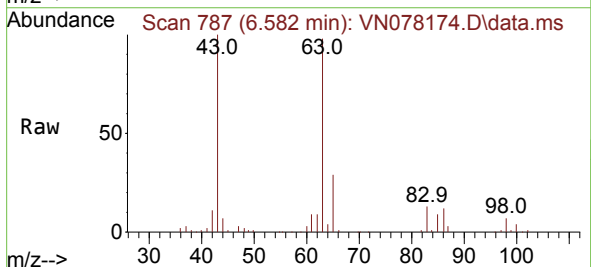
Instrument :
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 ClientSampleId :
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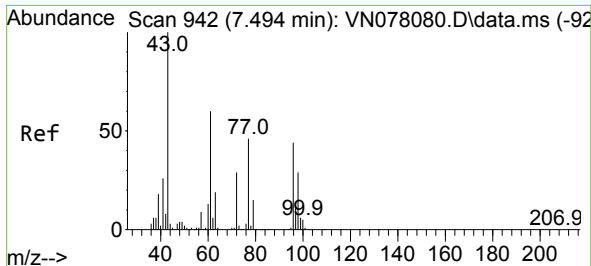
Tgt Ion: 43 Resp: 2013970
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 49.729 ug/l
 RT: 6.582 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078174.D
 Acq: 12 Jun 2023 18:19

Tgt Ion: 63 Resp: 426377
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.0 2.5 7.4

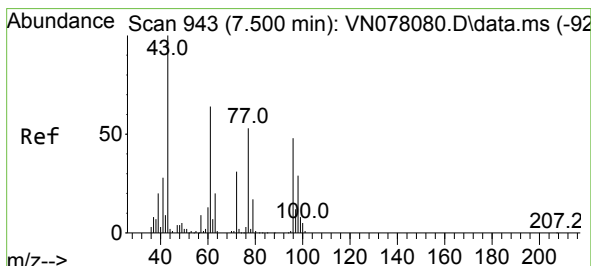
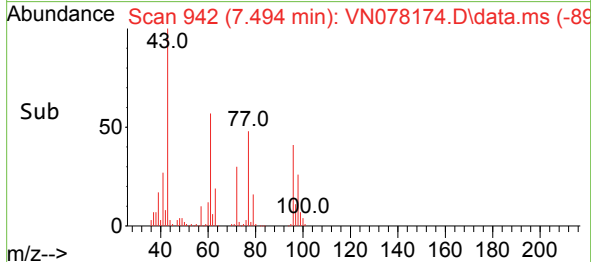
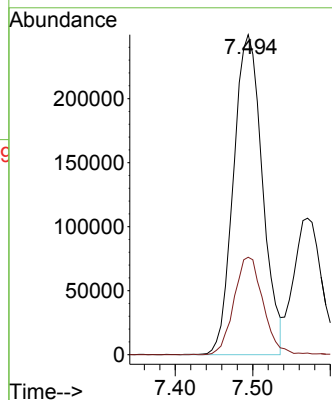
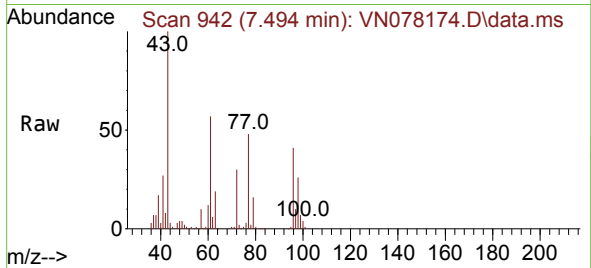




#25
2-Butanone
Concen: 265.526 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

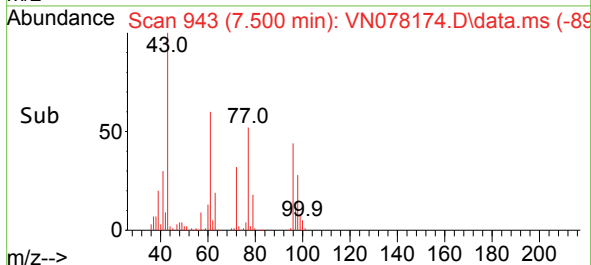
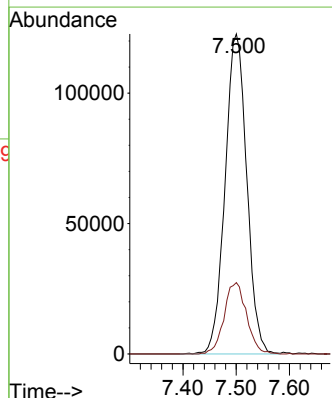
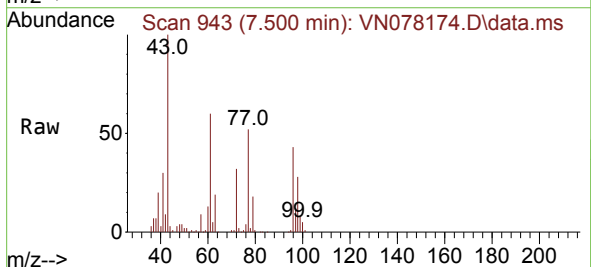
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

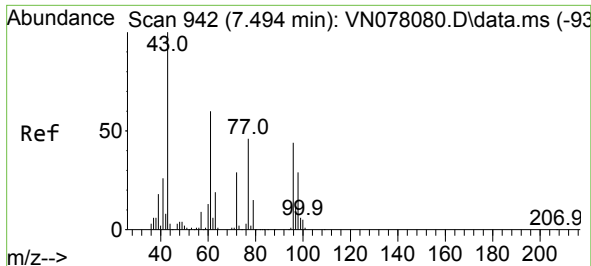
Tgt Ion: 43 Resp: 649563
Ion Ratio Lower Upper
43 100
72 30.4 30.2 45.2



#26
2,2-Dichloropropane
Concen: 54.755 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 77 Resp: 346643
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6



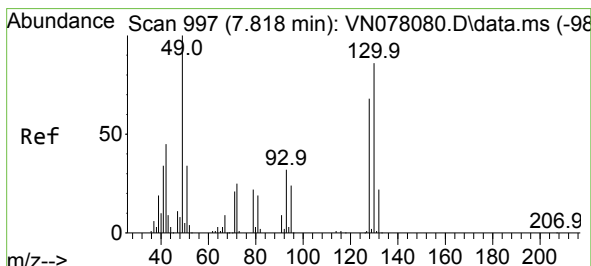
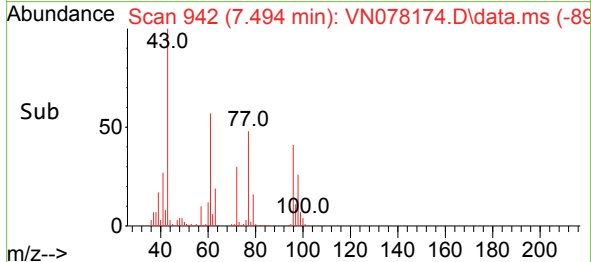
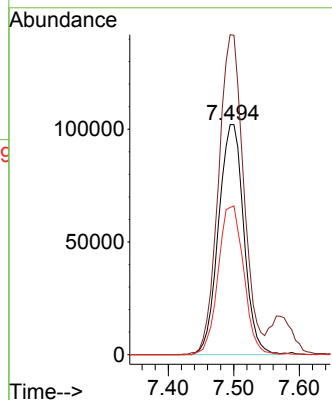
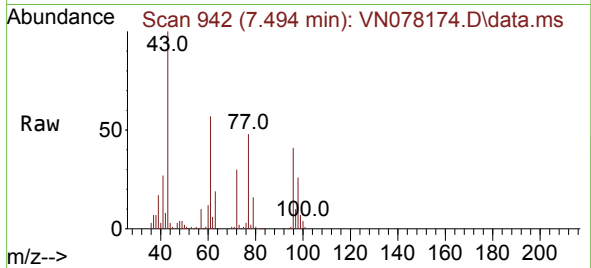


#27
 cis-1,2-Dichloroethene
 Concen: 46.857 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078174.D
 Acq: 12 Jun 2023 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 272874

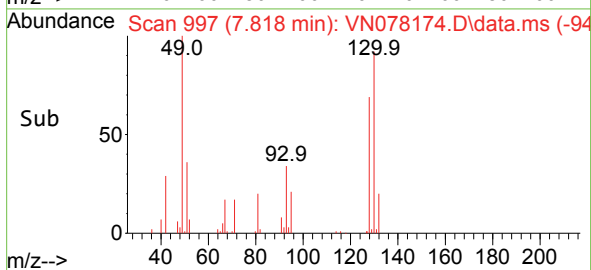
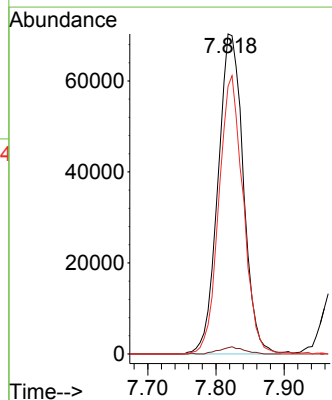
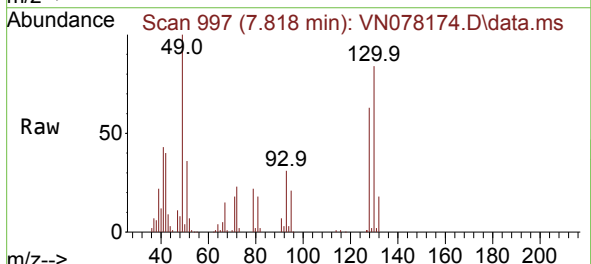
Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	255.2
98	65.2	0.0	128.8

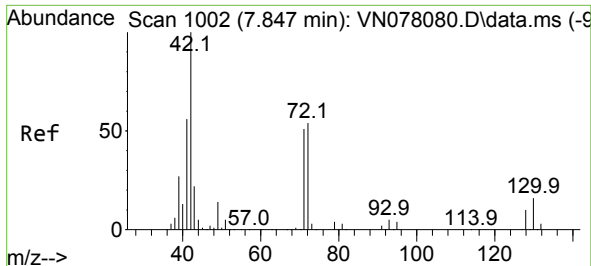


#28
 Bromochloromethane
 Concen: 46.142 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078174.D
 Acq: 12 Jun 2023 18:19

Tgt Ion: 49 Resp: 181649

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	83.5	75.3	112.9





#29

Tetrahydrofuran

Concen: 254.846 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

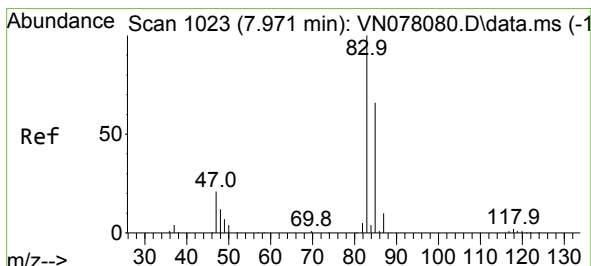
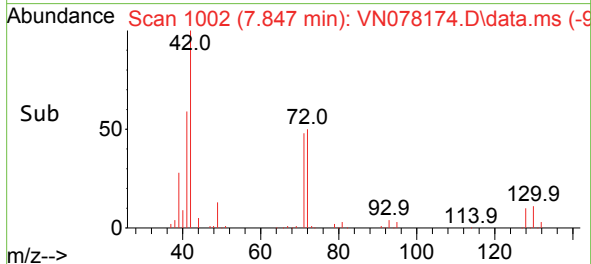
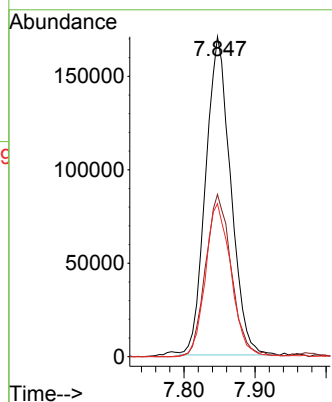
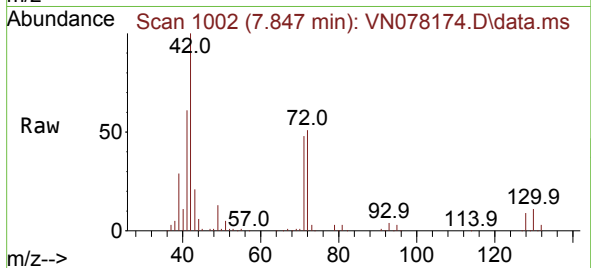
Tgt Ion: 42 Resp: 416771

Ion Ratio Lower Upper

42 100

72 52.7 49.8 74.6

71 49.3 47.4 71.2



#30

Chloroform

Concen: 50.594 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078174.D

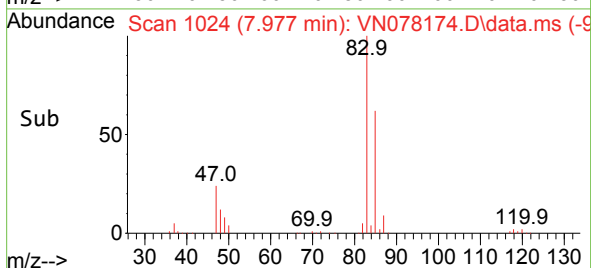
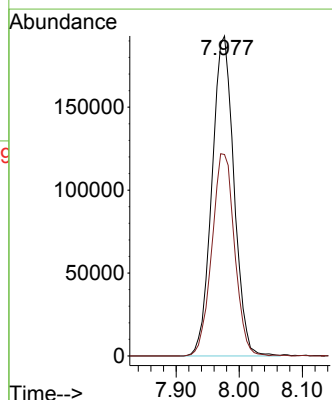
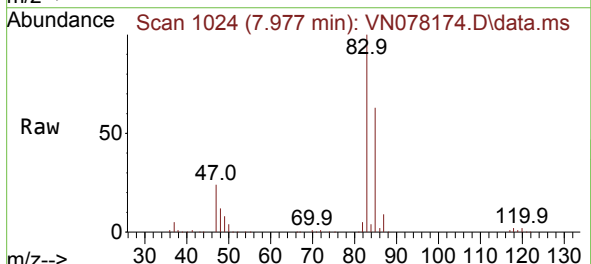
Acq: 12 Jun 2023 18:19

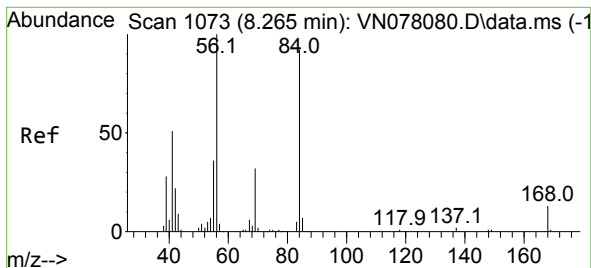
Tgt Ion: 83 Resp: 467123

Ion Ratio Lower Upper

83 100

85 62.9 55.4 83.0





#31

Cyclohexane

Concen: 48.366 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

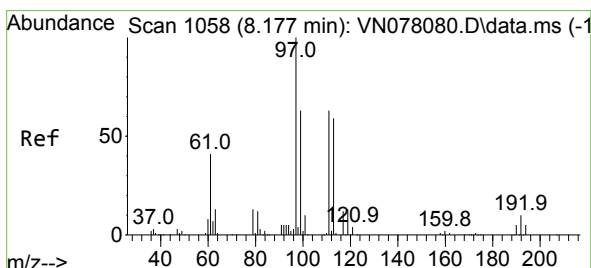
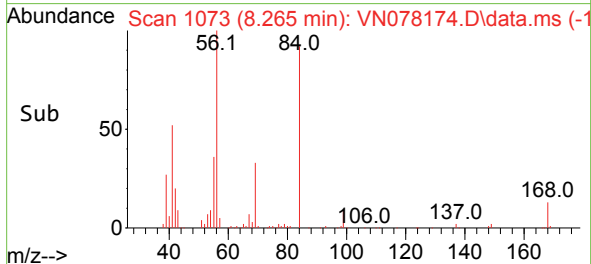
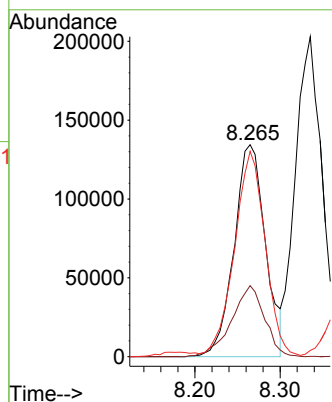
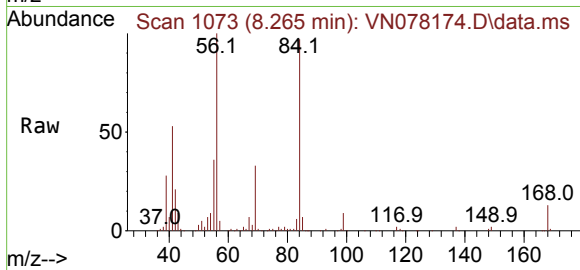
Tgt Ion: 56 Resp: 342896

Ion Ratio Lower Upper

56 100

69 33.5 26.8 40.2

84 94.7 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 50.726 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

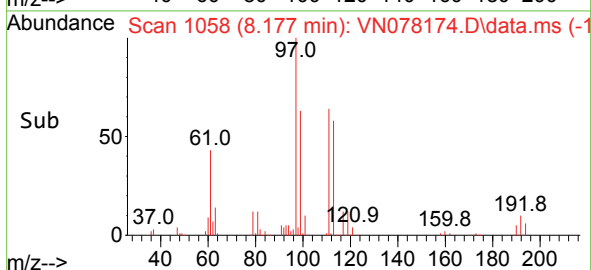
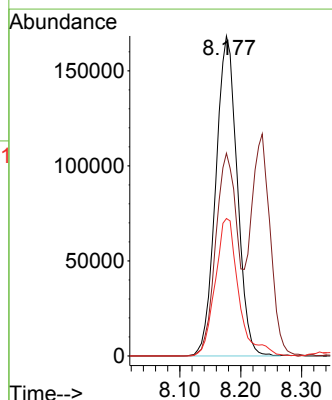
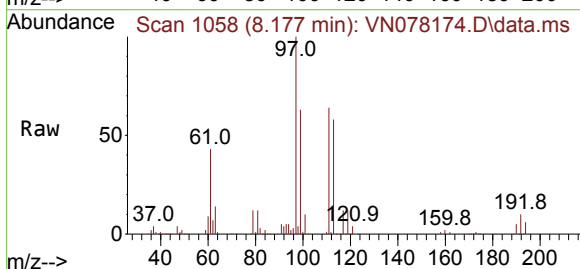
Tgt Ion: 97 Resp: 411170

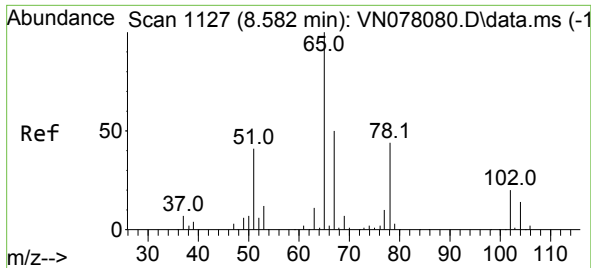
Ion Ratio Lower Upper

97 100

99 65.9 50.3 75.5

61 47.0 34.7 52.1

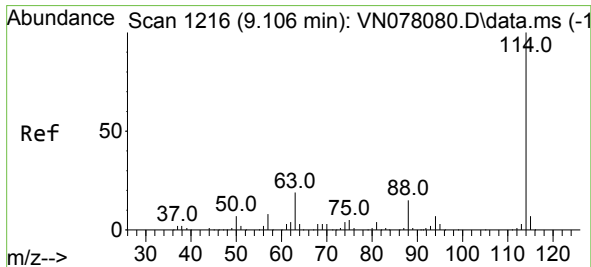
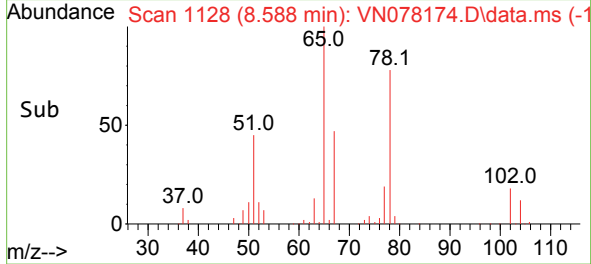
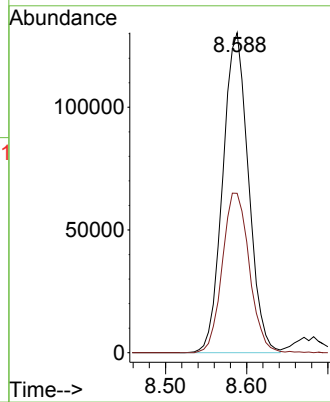
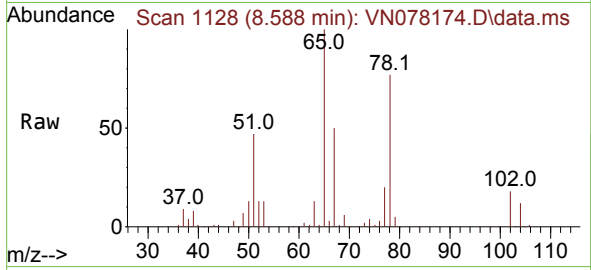




#33
 1,2-Dichloroethane-d4
 Concen: 51.877 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN078174.D
 Acq: 12 Jun 2023 18:19

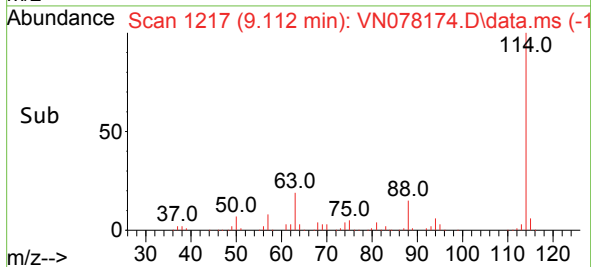
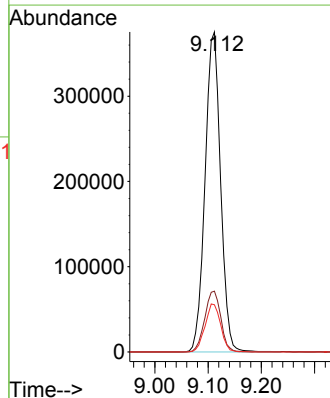
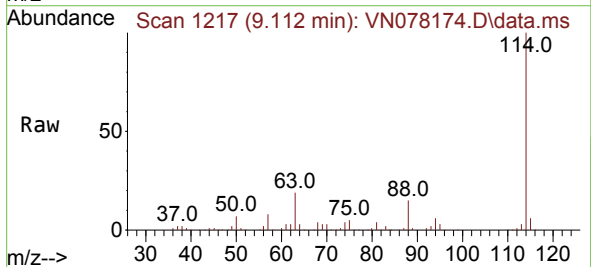
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

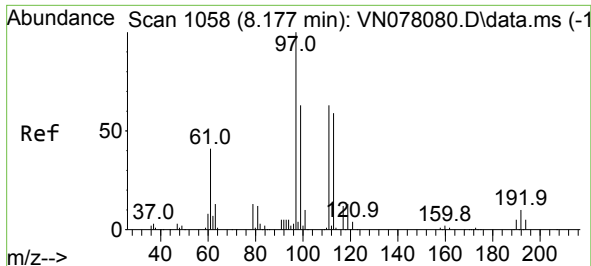
Tgt Ion: 65 Resp: 286713
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.112 min Scan# 1217
 Delta R.T. 0.006 min
 Lab File: VN078174.D
 Acq: 12 Jun 2023 18:19

Tgt Ion: 114 Resp: 760365
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.4
 88 14.7 0.0 30.6

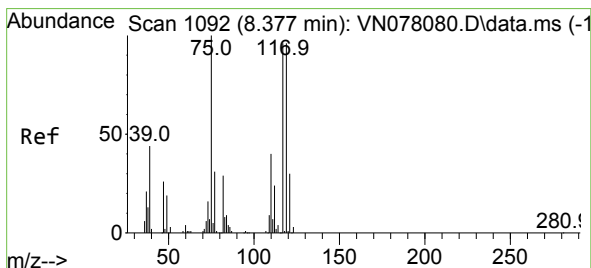
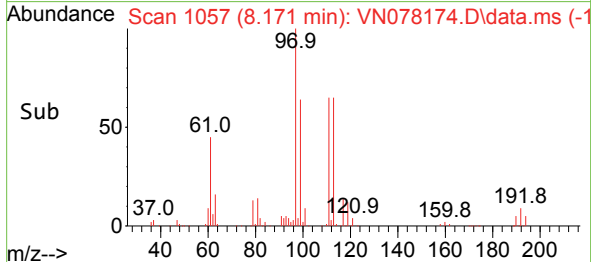
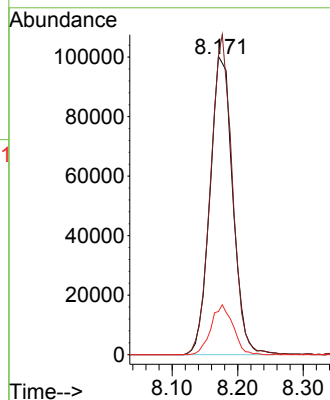
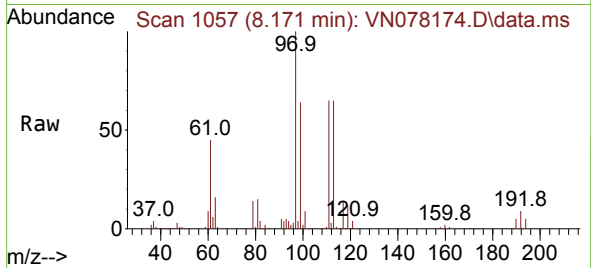




#35
 Dibromofluoromethane
 Concen: 50.484 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VN078174.D
 Acq: 12 Jun 2023 18:19

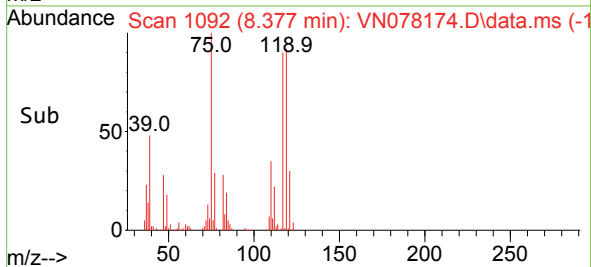
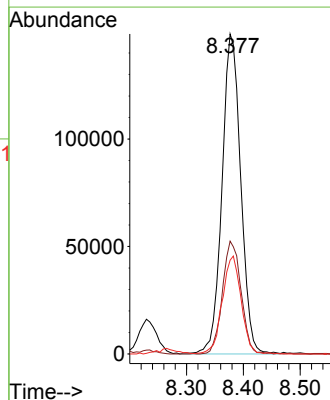
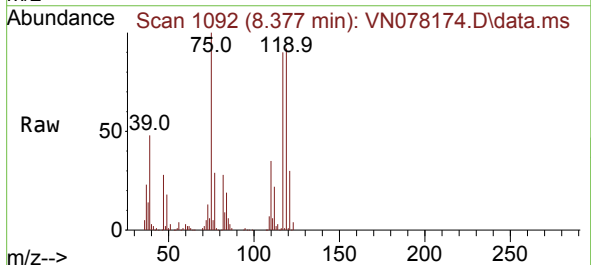
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

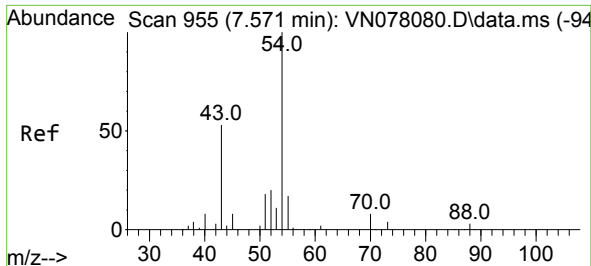
Tgt Ion:113 Resp: 242713
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 123.8
 192 16.1 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 49.588 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. -0.000 min
 Lab File: VN078174.D
 Acq: 12 Jun 2023 18:19

Tgt Ion: 75 Resp: 341963
 Ion Ratio Lower Upper
 75 100
 110 35.0 19.1 57.3
 77 30.8 25.0 37.4

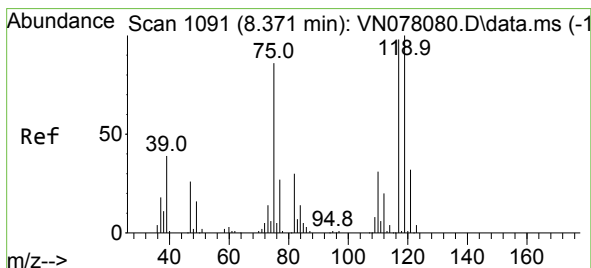
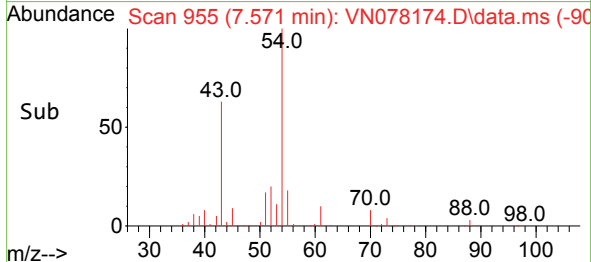
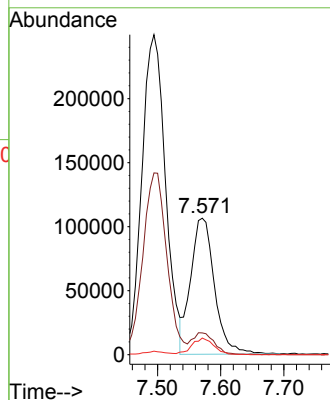
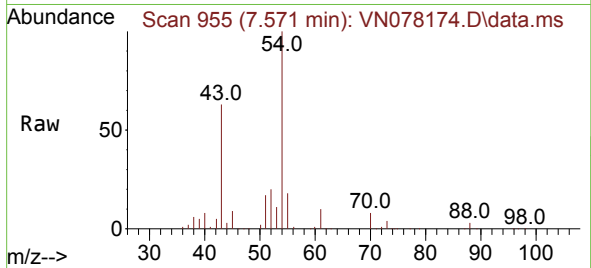




#37
Ethyl Acetate
Concen: 51.846 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

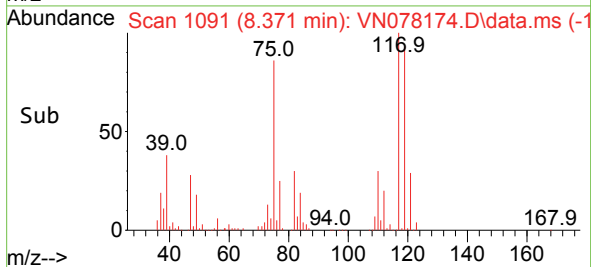
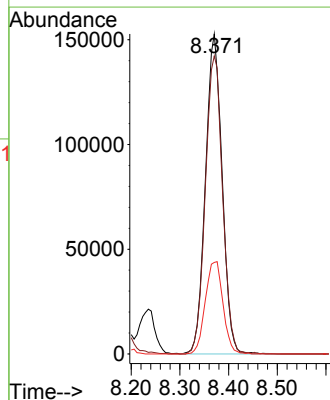
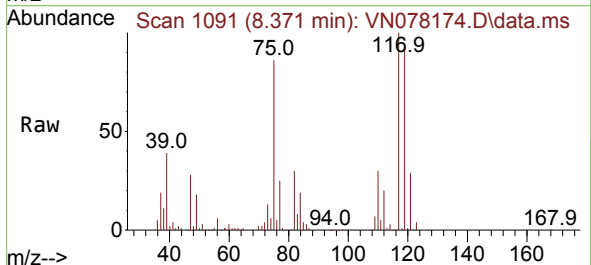
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

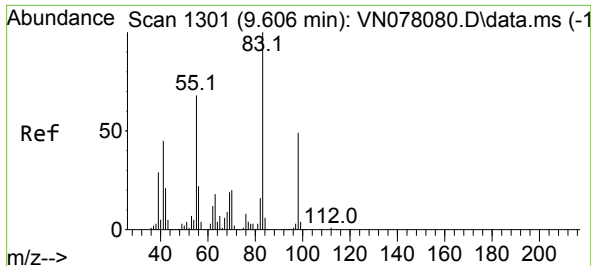
Tgt Ion: 43 Resp: 279306
Ion Ratio Lower Upper
43 100
61 14.5 13.2 19.8
70 11.3 11.3 16.9



#38
Carbon Tetrachloride
Concen: 49.770 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 117 Resp: 362404
Ion Ratio Lower Upper
117 100
119 93.2 77.3 115.9
121 28.6 23.3 34.9





#39

Methylcyclohexane

Concen: 47.365 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

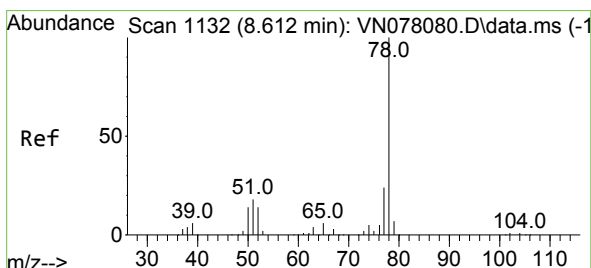
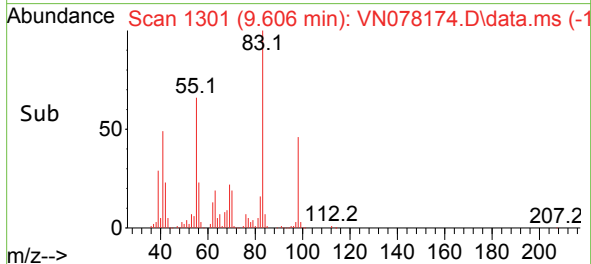
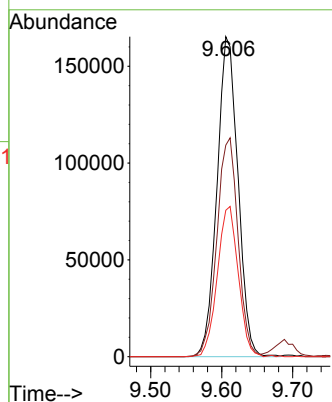
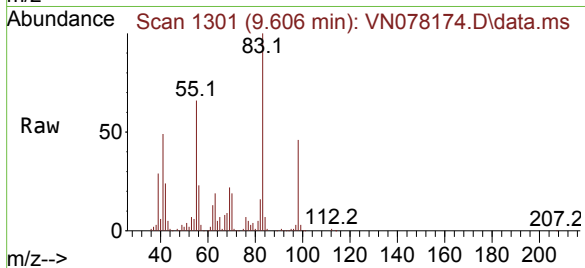
Tgt Ion: 83 Resp: 338498

Ion Ratio Lower Upper

83 100

55 66.1 49.1 73.7

98 45.7 40.6 61.0



#40

Benzene

Concen: 49.491 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078174.D

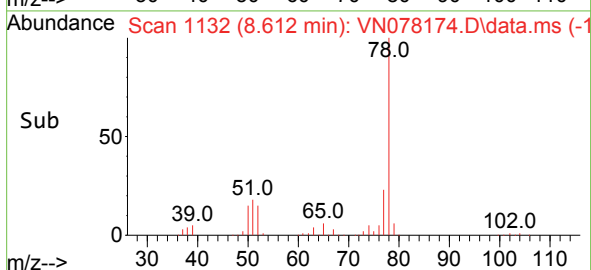
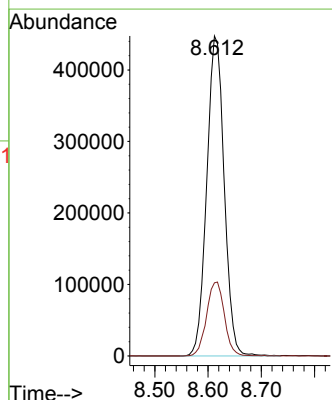
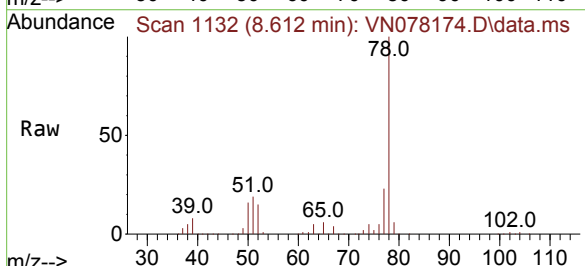
Acq: 12 Jun 2023 18:19

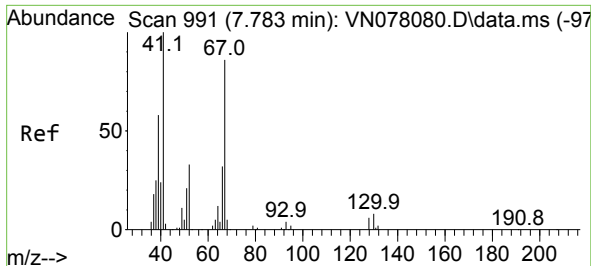
Tgt Ion: 78 Resp: 1018913

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6

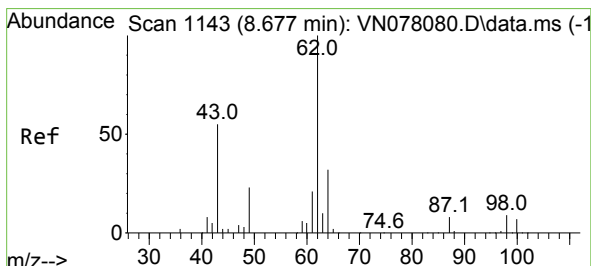
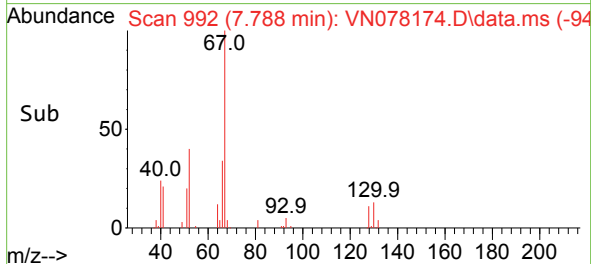
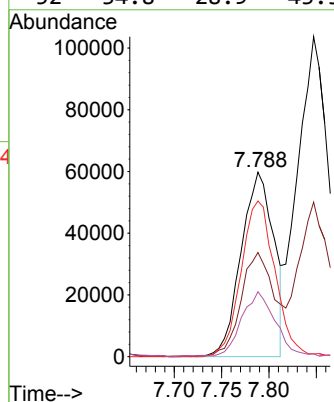
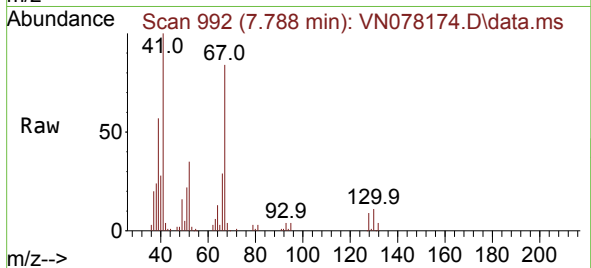




#41
Methacrylonitrile
Concen: 49.166 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

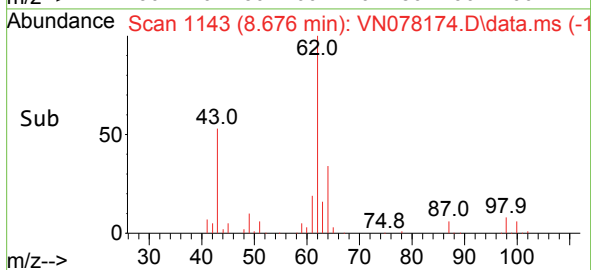
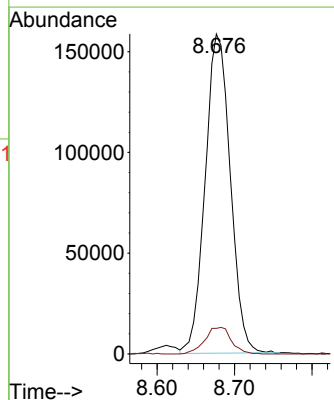
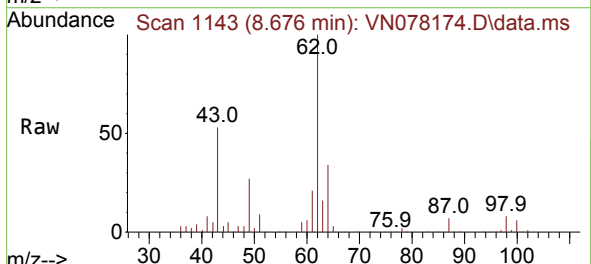
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

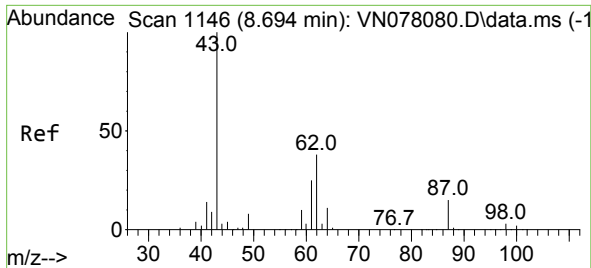
Tgt Ion:	41	Resp:	143565
Ion Ratio	Lower	Upper	
41	100		
39	59.5	42.6	64.0
67	88.2	77.5	116.3
52	34.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 50.609 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion:	62	Resp:	357245
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	19.8

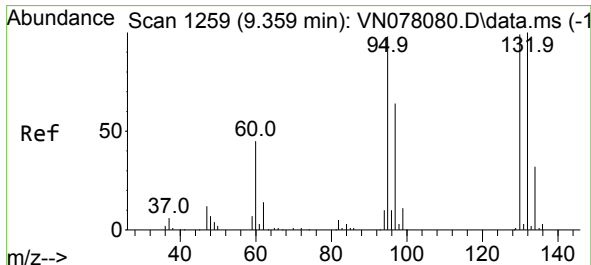
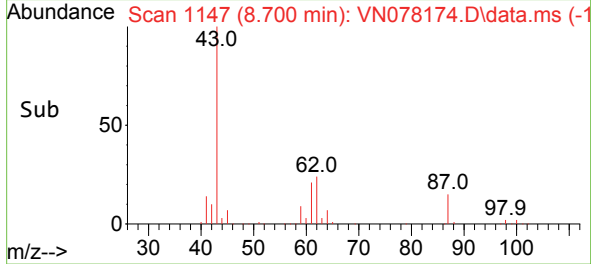
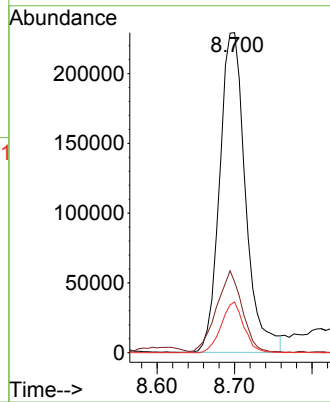
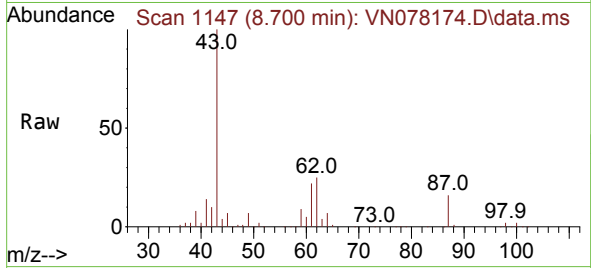




#43
Isopropyl Acetate
Concen: 51.547 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

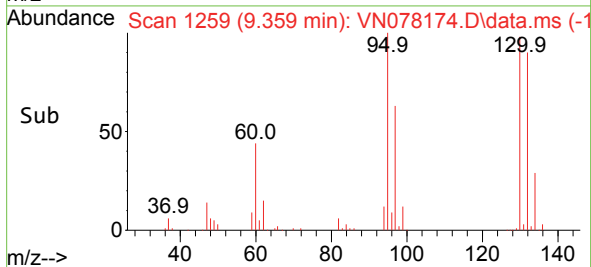
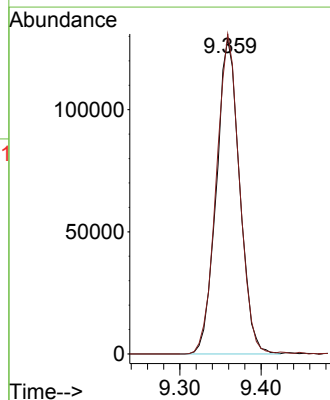
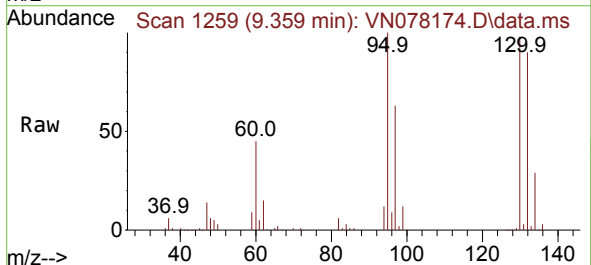
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

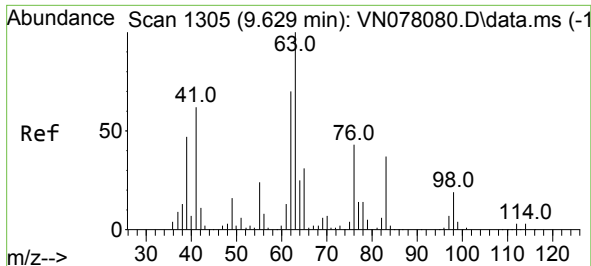
Tgt Ion: 43 Resp: 531082
Ion Ratio Lower Upper
43 100
61 25.3 24.7 37.1
87 13.9 14.6 21.8#



#44
Trichloroethene
Concen: 47.160 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion:130 Resp: 256409
Ion Ratio Lower Upper
130 100
95 101.7 0.0 204.6

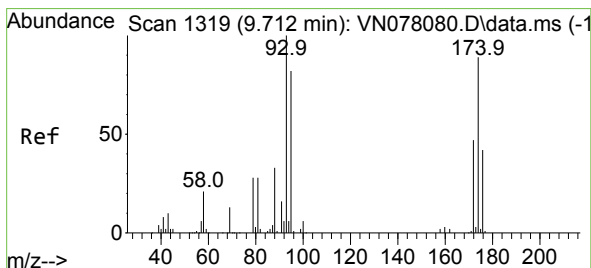
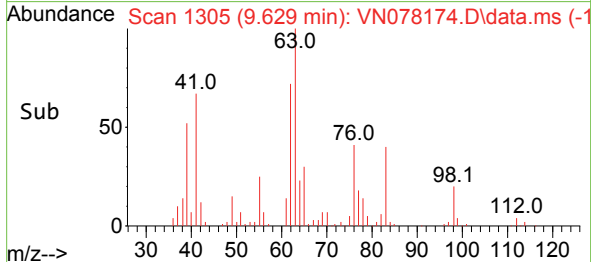
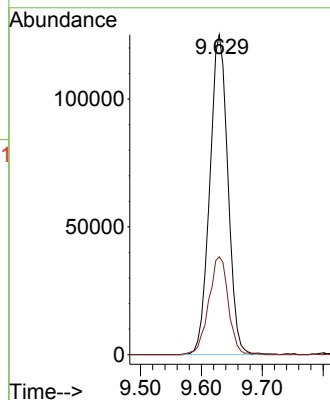
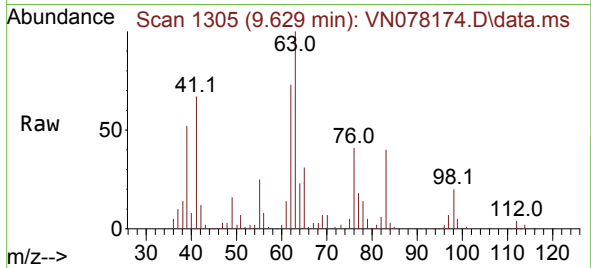




#45
1,2-Dichloropropane
Concen: 50.504 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

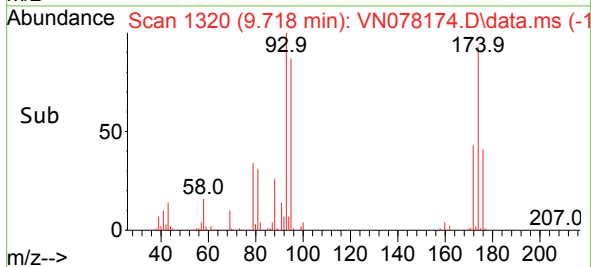
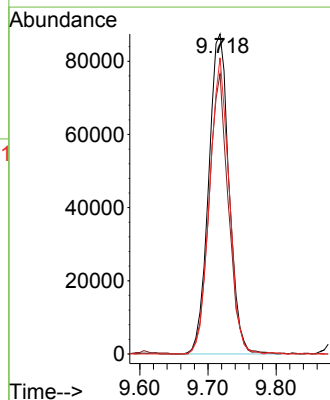
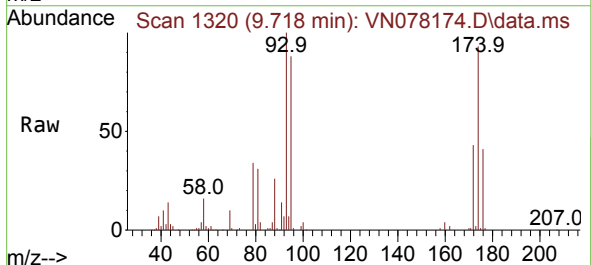
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

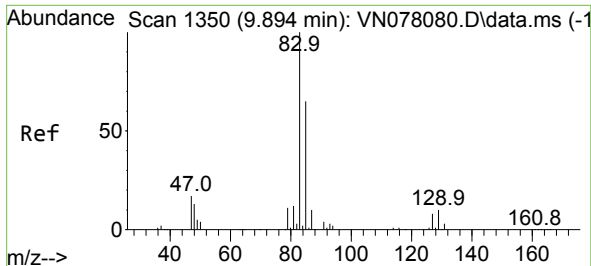
Tgt Ion: 63 Resp: 258693
Ion Ratio Lower Upper
63 100
65 30.6 23.9 35.9



#46
Dibromomethane
Concen: 48.249 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 93 Resp: 182036
Ion Ratio Lower Upper
93 100
95 82.9 63.8 95.8
174 87.9 65.6 98.4

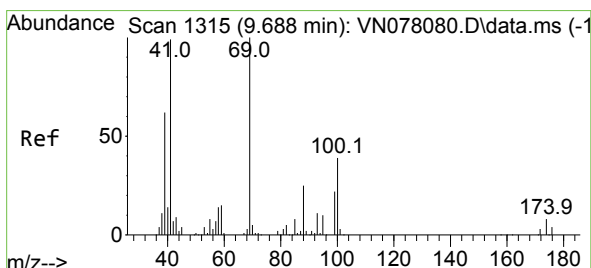
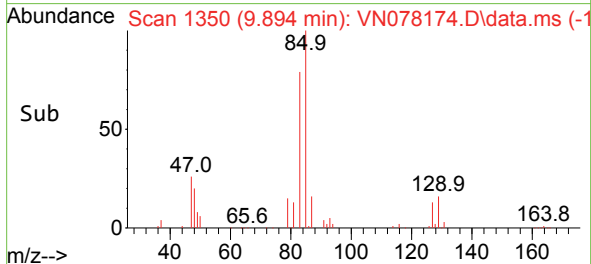
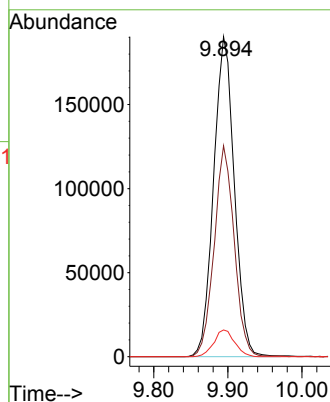
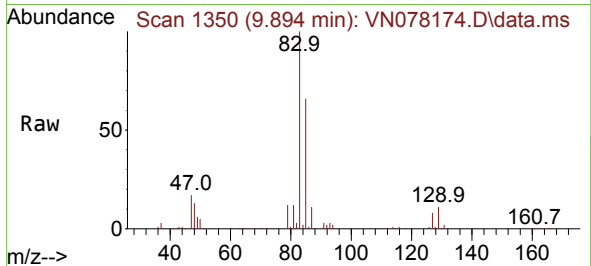




#47
Bromodichloromethane
Concen: 52.734 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

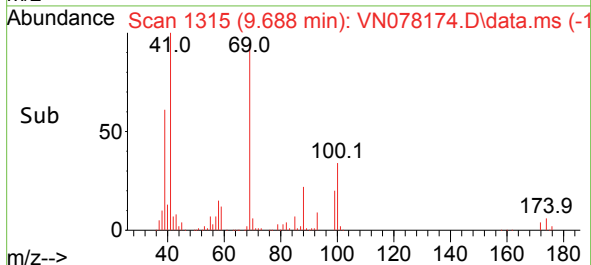
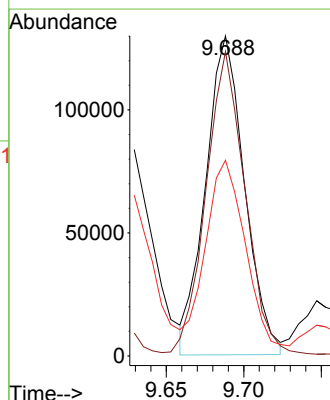
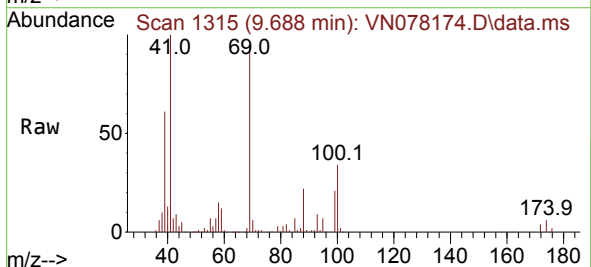
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

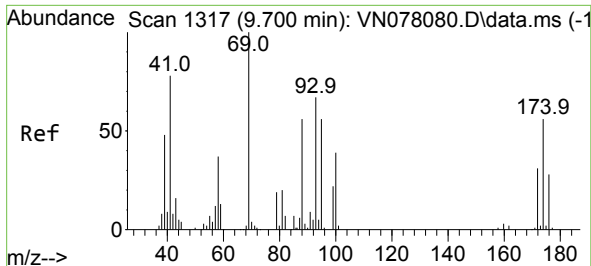
Tgt Ion: 83 Resp: 369572
Ion Ratio Lower Upper
83 100
85 65.9 49.6 74.4
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 52.364 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 41 Resp: 226402
Ion Ratio Lower Upper
41 100
69 97.2 90.4 135.6
39 64.7 54.6 81.8

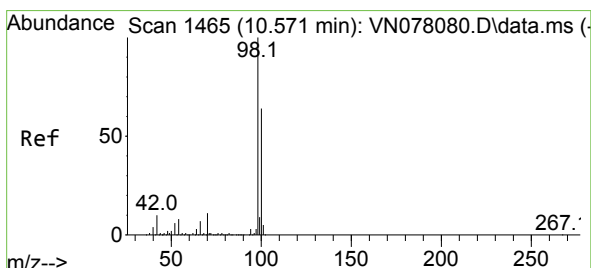
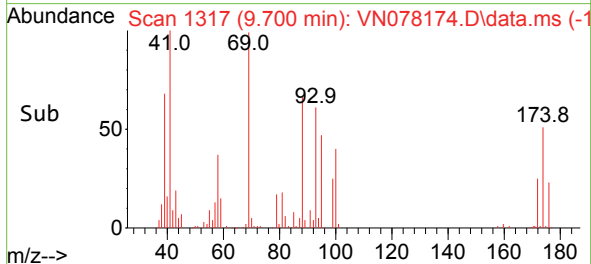
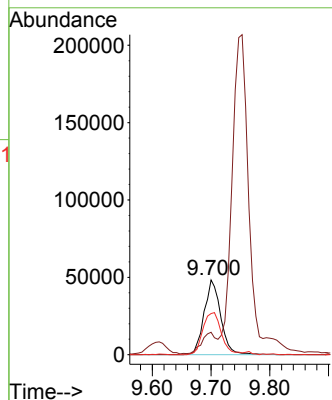
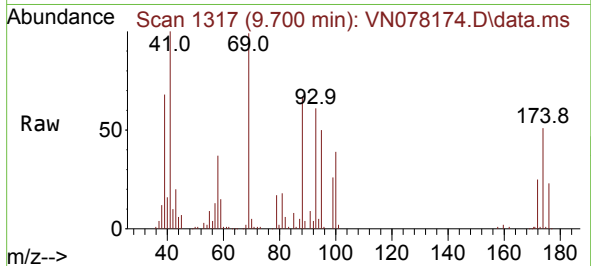




#49
1,4-Dioxane
Concen: 1045.755 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

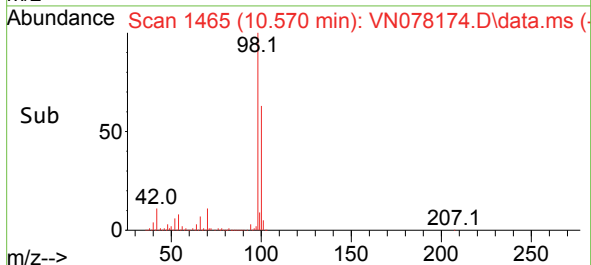
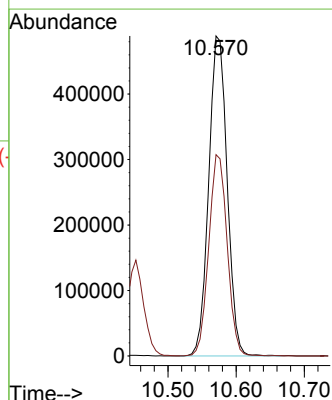
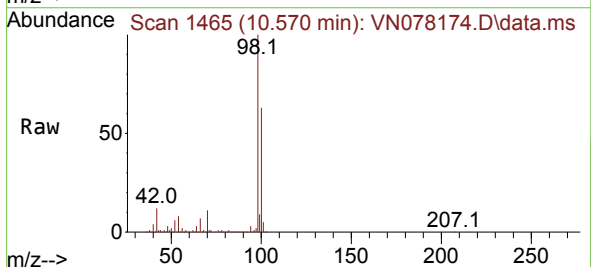
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

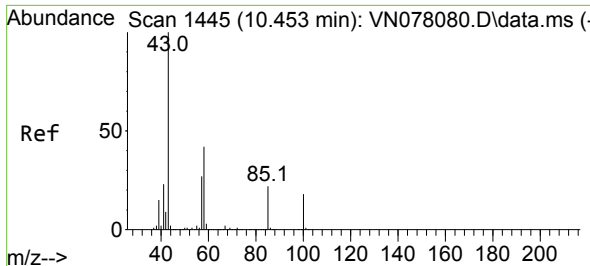
Tgt Ion: 88 Resp: 95031
Ion Ratio Lower Upper
88 100
43 25.2 17.0 25.6
58 62.7 47.0 70.4



#50
Toluene-d8
Concen: 49.665 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 98 Resp: 920491
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

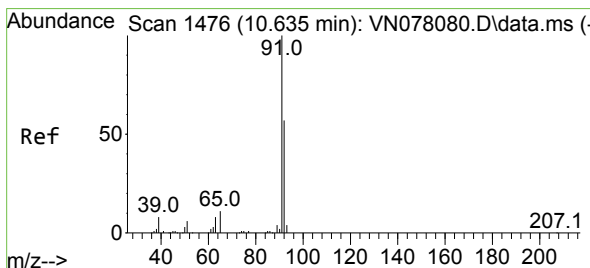
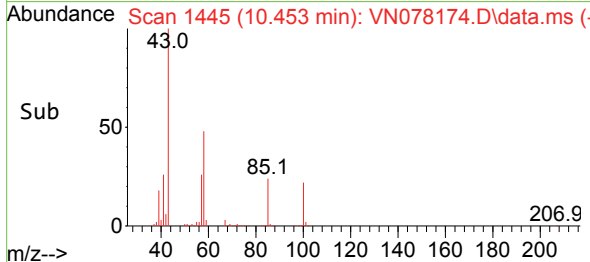
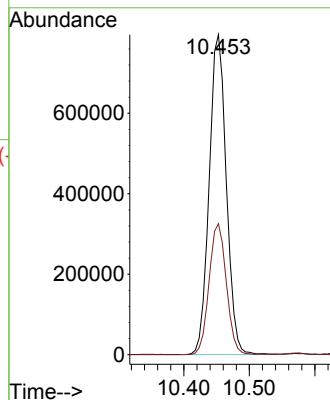
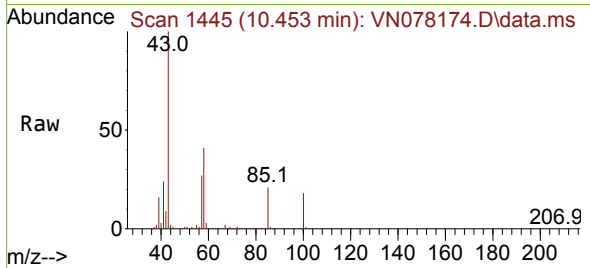




#51
4-Methyl-2-Pentanone
Concen: 266.069 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

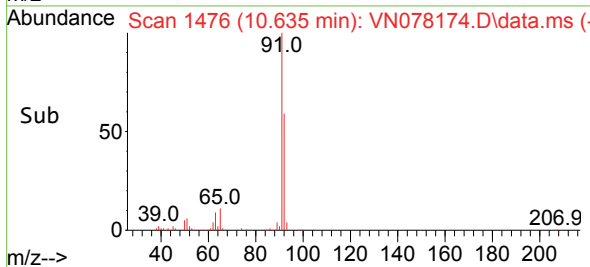
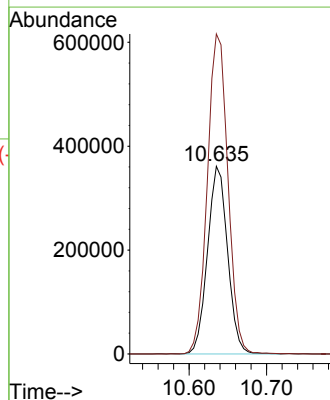
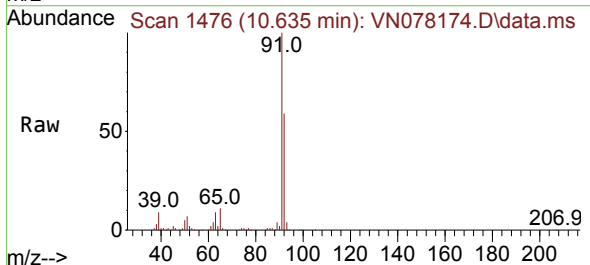
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

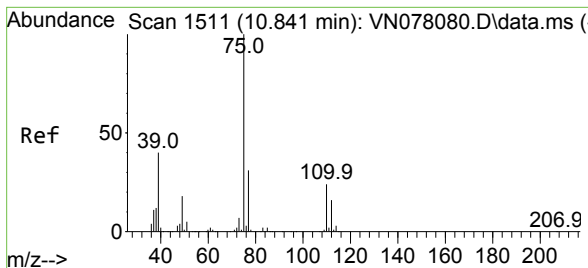
Tgt Ion: 43 Resp: 1443515
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8



#52
Toluene
Concen: 50.033 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 92 Resp: 650354
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0

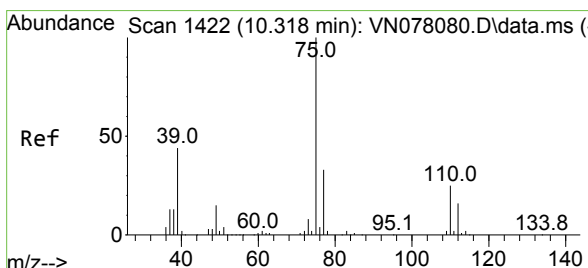
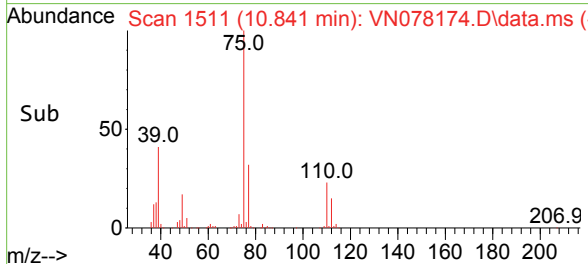
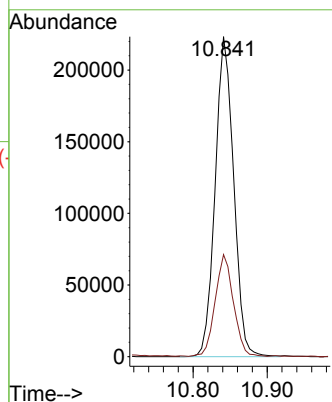
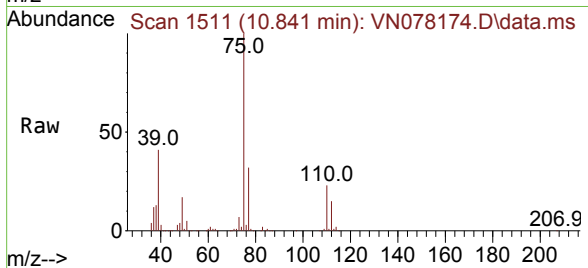




#53
t-1,3-Dichloropropene
Concen: 52.930 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

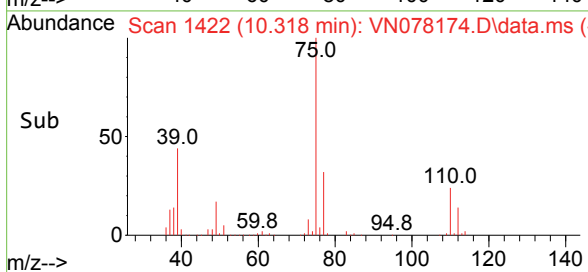
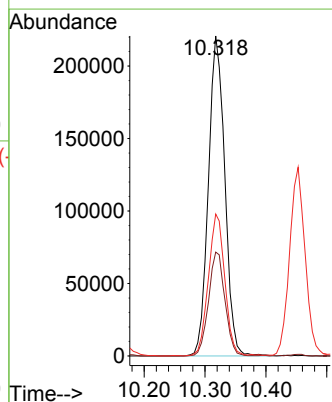
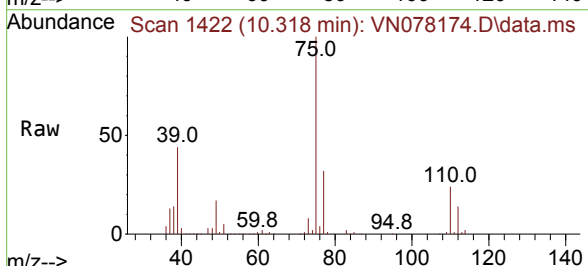
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

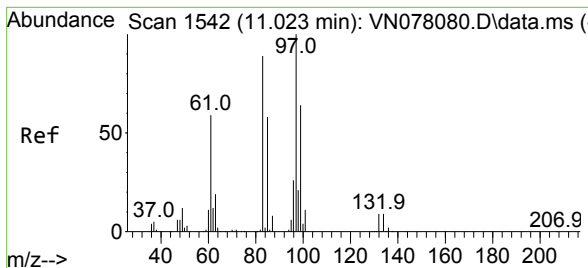
Tgt Ion: 75 Resp: 386316
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 51.282 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 75 Resp: 413746
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 44.2 31.6 47.4



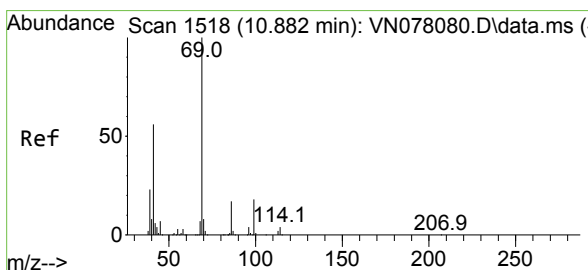
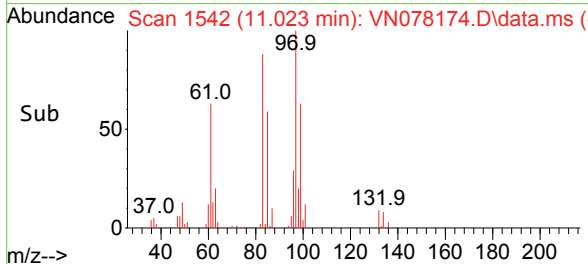
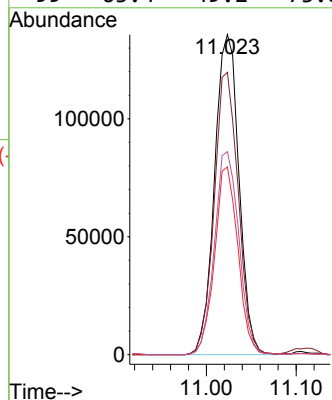
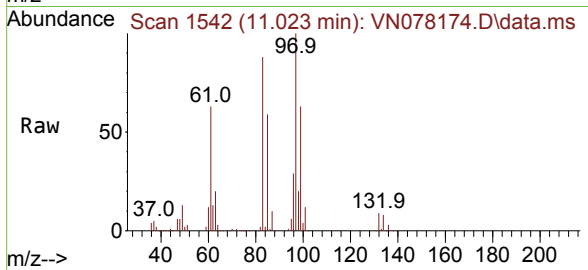


#55
 1,1,2-Trichloroethane
 Concen: 52.074 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. -0.000 min
 Lab File: VN078174.D
 Acq: 12 Jun 2023 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 256057

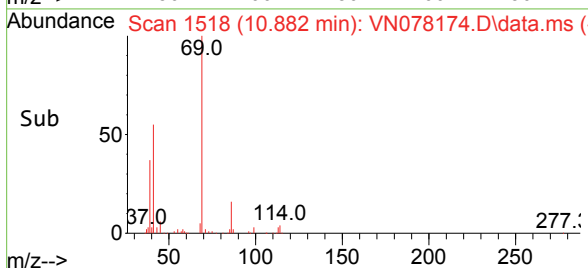
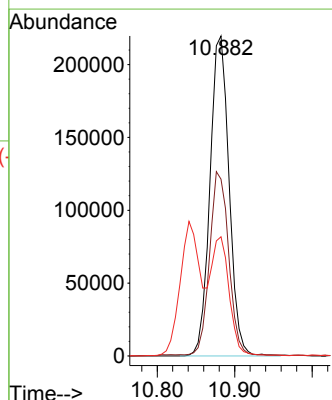
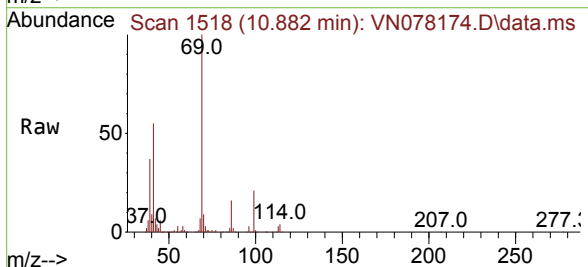
Ion	Ratio	Lower	Upper
97	100		
83	88.2	65.1	97.7
85	58.7	43.4	65.2
99	63.4	49.2	73.8

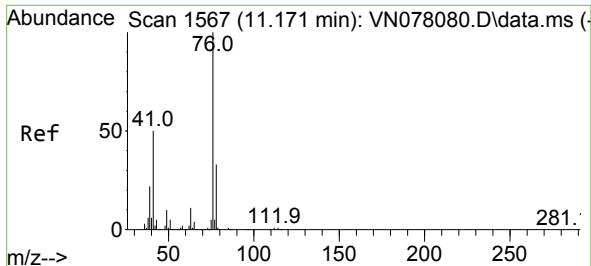


#56
 Ethyl methacrylate
 Concen: 52.524 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. -0.000 min
 Lab File: VN078174.D
 Acq: 12 Jun 2023 18:19

Tgt Ion: 69 Resp: 376060

Ion	Ratio	Lower	Upper
69	100		
41	57.6	39.6	59.4
39	33.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 51.527 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

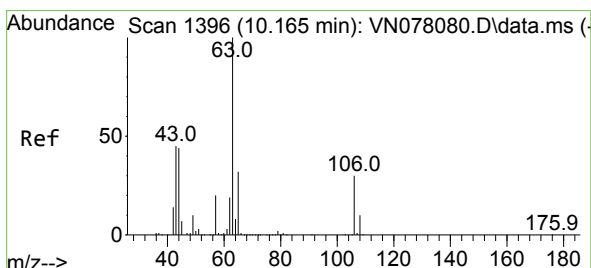
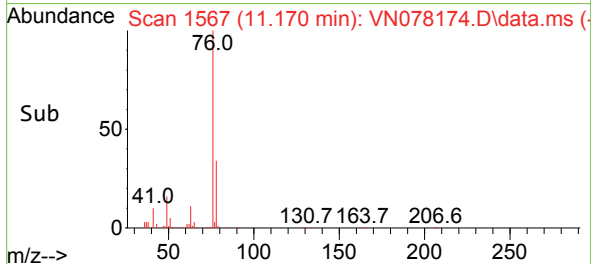
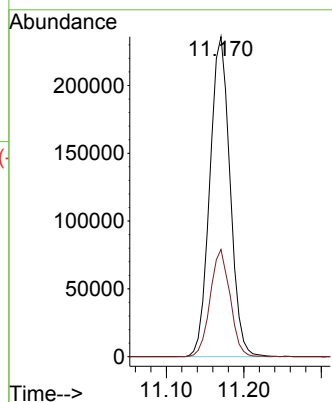
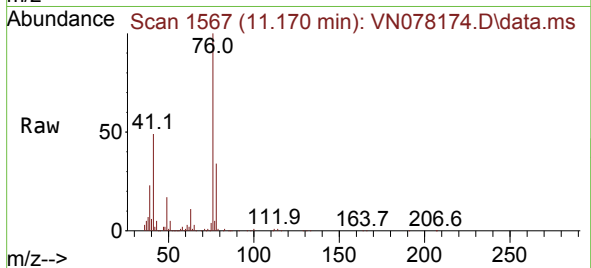
VSTDCCC050EC

Tgt Ion: 76 Resp: 427677

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 262.452 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078174.D

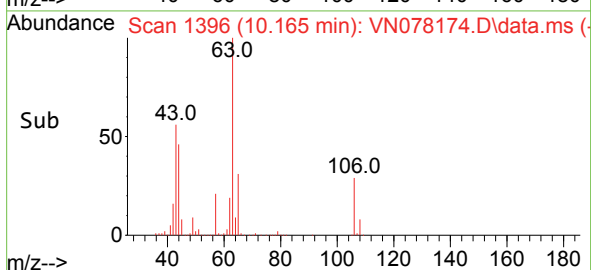
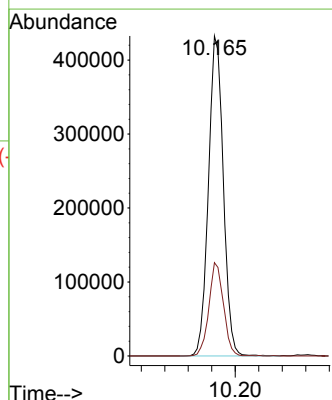
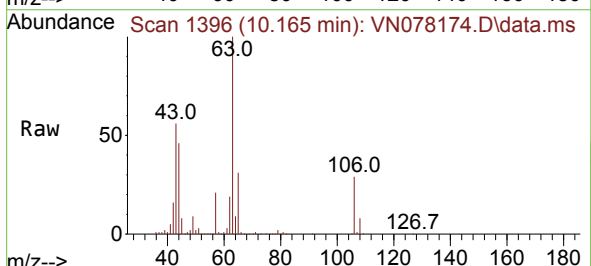
Acq: 12 Jun 2023 18:19

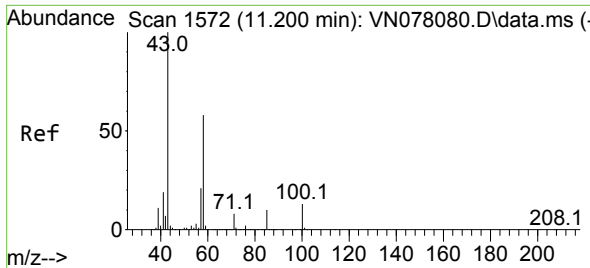
Tgt Ion: 63 Resp: 759100

Ion Ratio Lower Upper

63 100

106 28.6 26.2 39.4

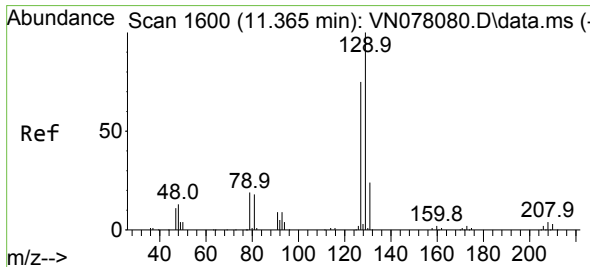
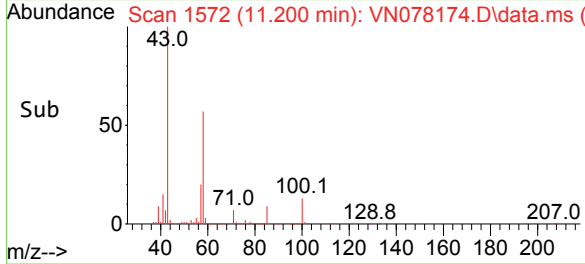
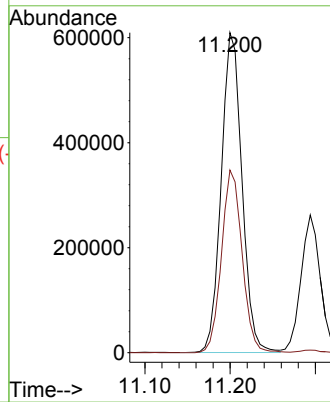
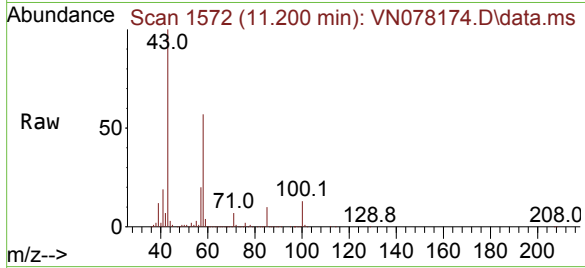




#59
2-Hexanone
Concen: 272.883 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

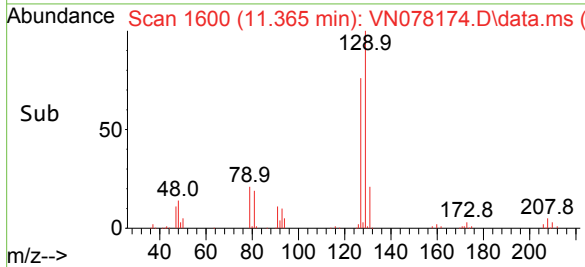
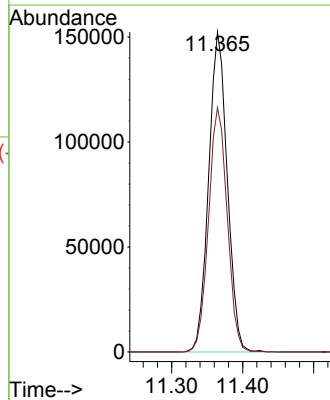
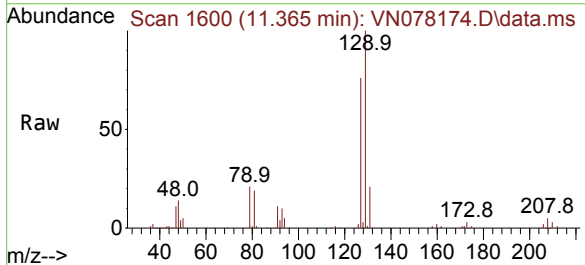
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

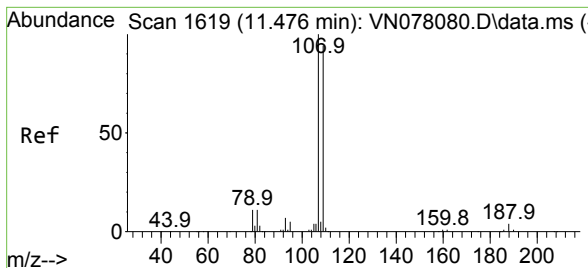
Tgt Ion: 43 Resp: 1030847
Ion Ratio Lower Upper
43 100
58 56.9 31.7 95.1



#60
Dibromochloromethane
Concen: 51.568 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 129 Resp: 277468
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

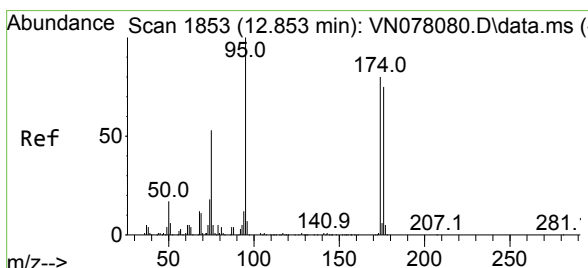
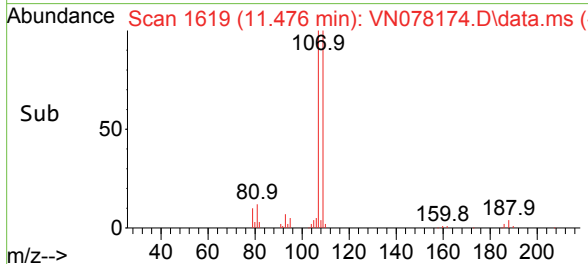
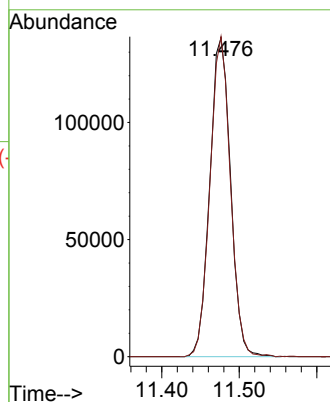
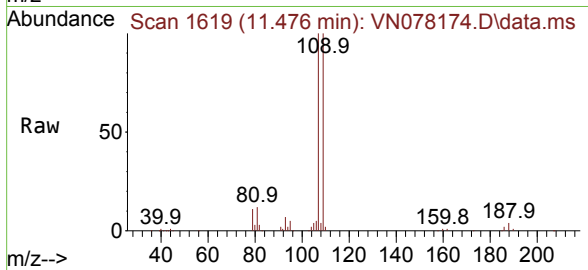




#61
1,2-Dibromoethane
Concen: 49.076 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

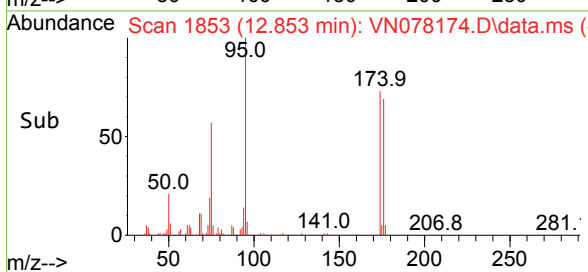
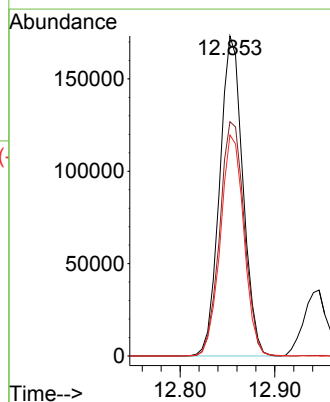
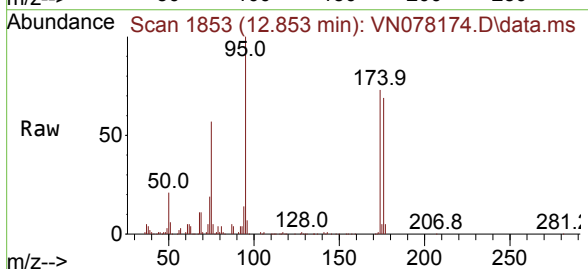
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

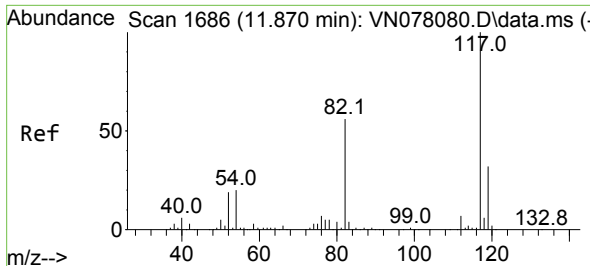
Tgt Ion:107 Resp: 253242
Ion Ratio Lower Upper
107 100
109 98.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.265 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 95 Resp: 295380
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 70.0 0.0 135.8

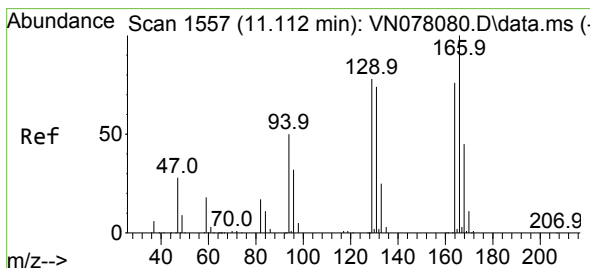
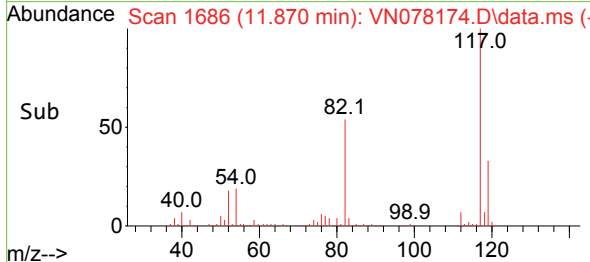
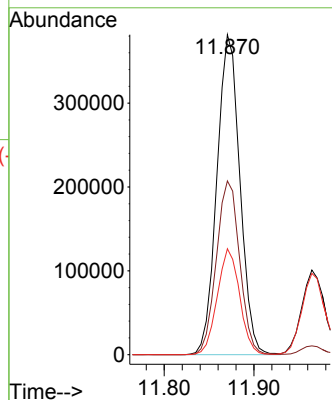
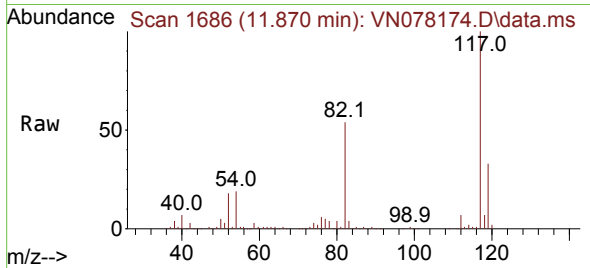




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

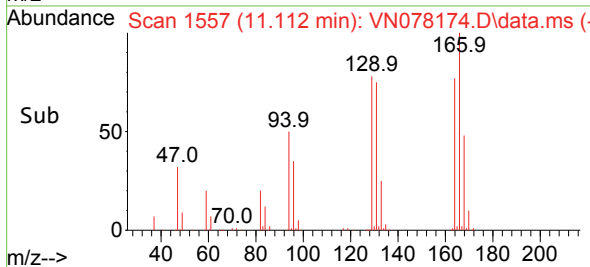
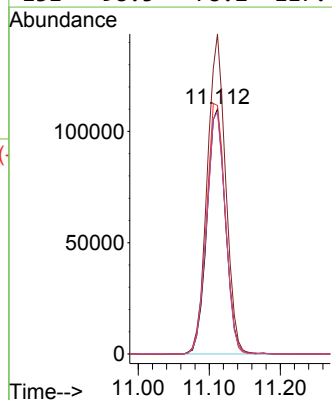
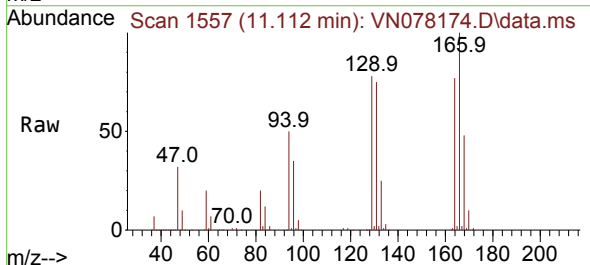
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

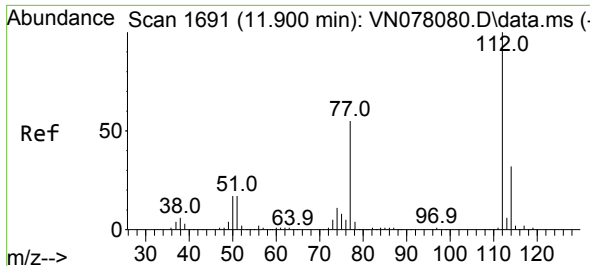
Tgt Ion:117 Resp: 679277
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 33.1 25.6 38.4



#64
Tetrachloroethene
Concen: 44.077 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion:164 Resp: 199744
Ion Ratio Lower Upper
164 100
166 130.5 101.4 152.0
129 101.4 82.4 123.6
131 98.5 78.2 117.4

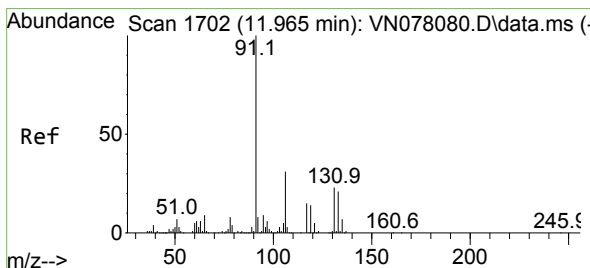
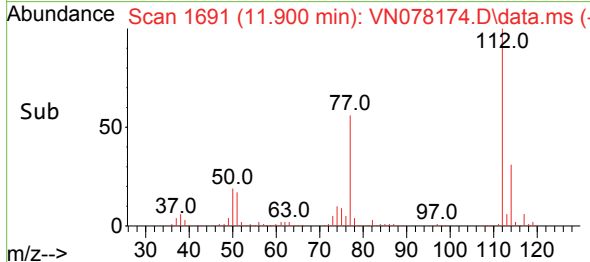
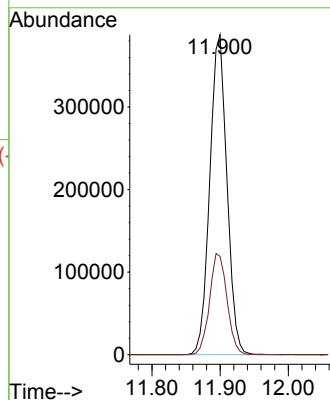
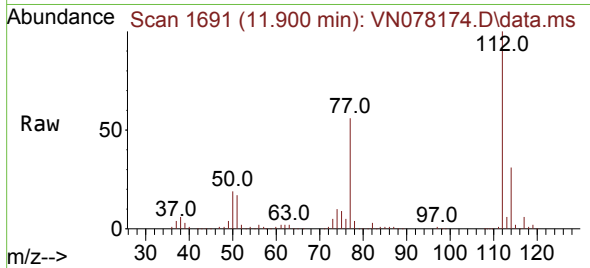




#65
Chlorobenzene
Concen: 46.669 ug/l
RT: 11.900 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

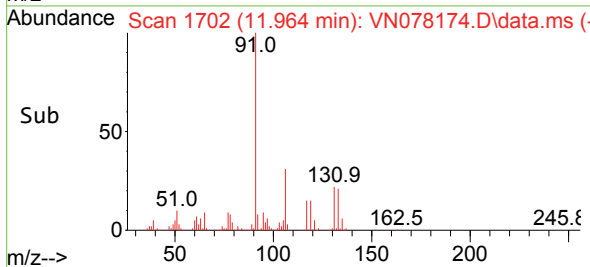
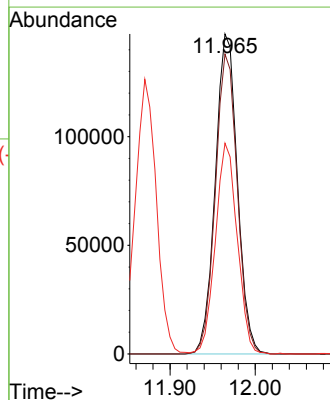
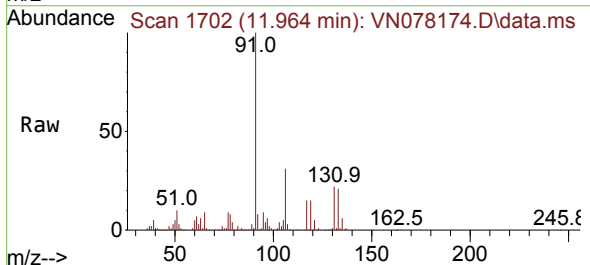
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

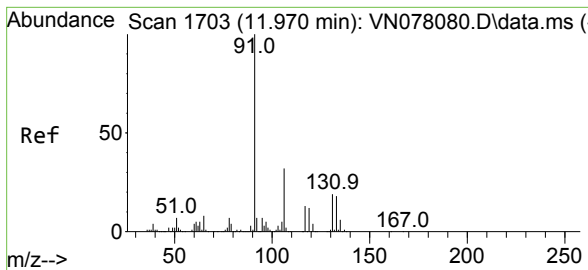
Tgt Ion:112 Resp: 678892
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.648 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion:131 Resp: 265637
Ion Ratio Lower Upper
131 100
133 93.0 46.4 139.1
119 65.0 34.1 102.2

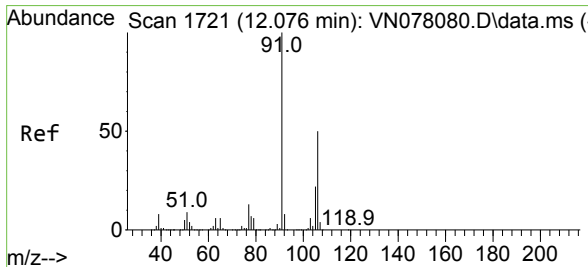
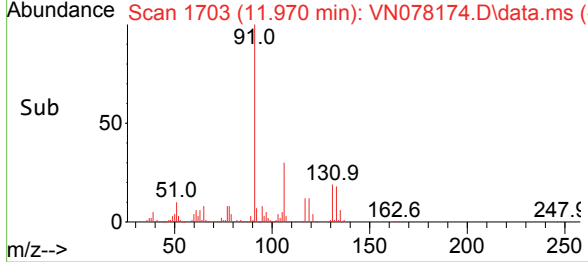
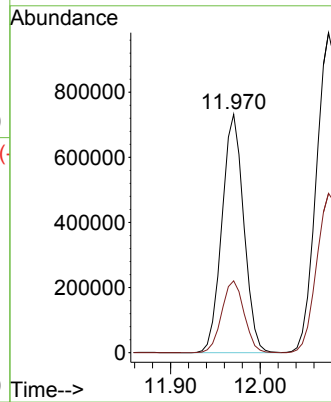
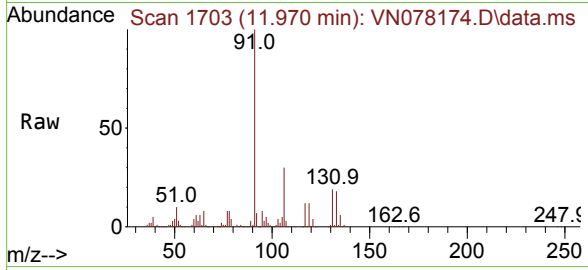




#67
Ethyl Benzene
Concen: 49.254 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

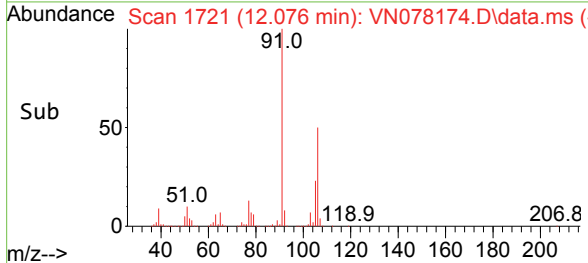
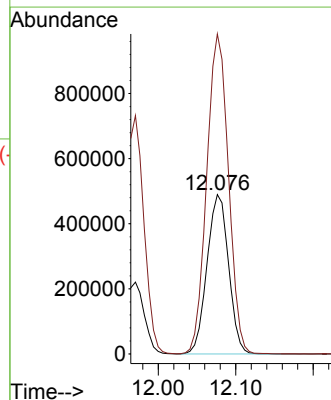
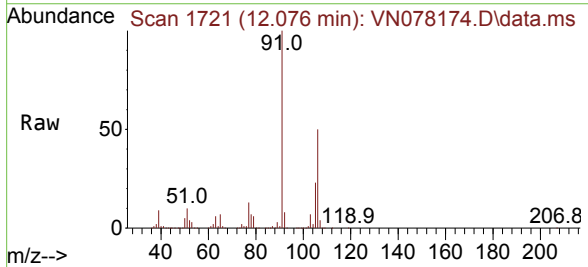
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

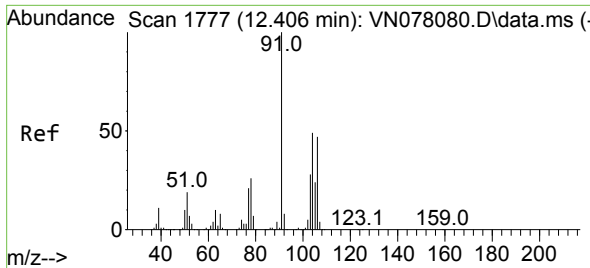
Tgt Ion: 91 Resp: 1236309
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4



#68
m/p-Xylenes
Concen: 98.913 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion:106 Resp: 946199
Ion Ratio Lower Upper
106 100
91 202.2 159.6 239.4

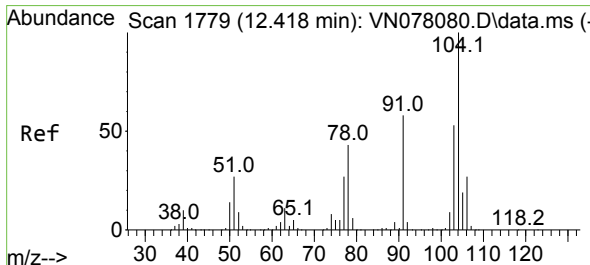
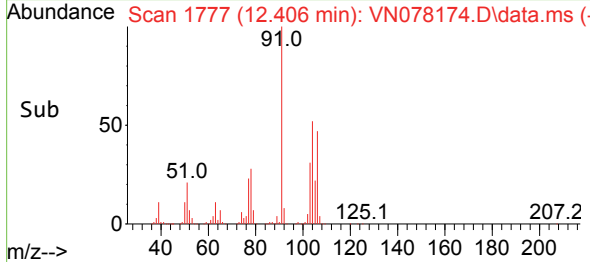
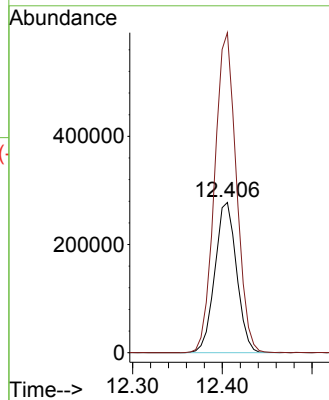
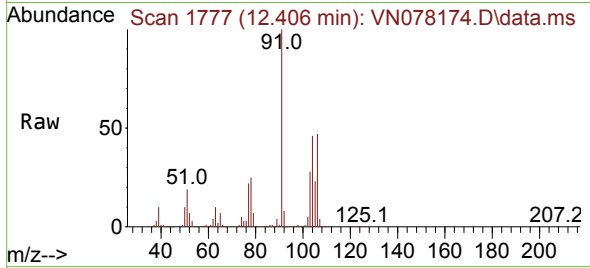




#69
o-Xylene
Concen: 49.779 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

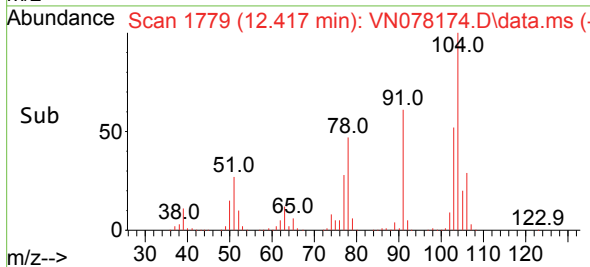
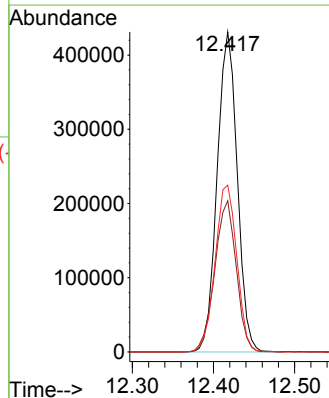
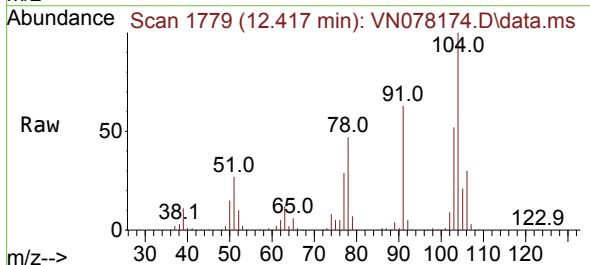
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

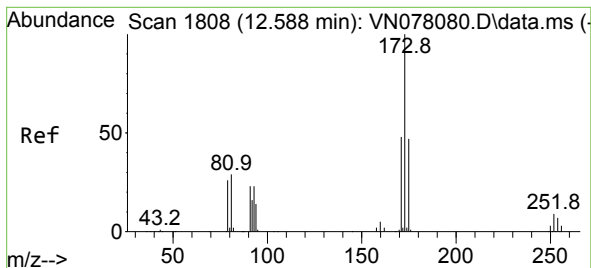
Tgt Ion:106 Resp: 467617
Ion Ratio Lower Upper
106 100
91 213.1 105.2 315.5



#70
Styrene
Concen: 50.273 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion:104 Resp: 743483
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 56.2 43.2 64.8





#71

Bromoform

Concen: 51.447 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

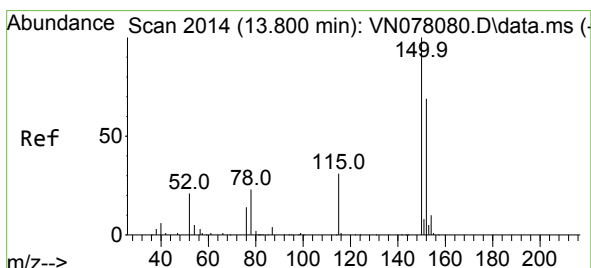
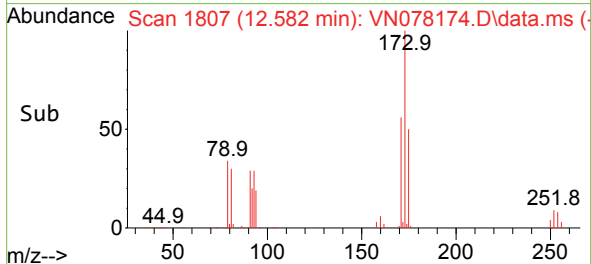
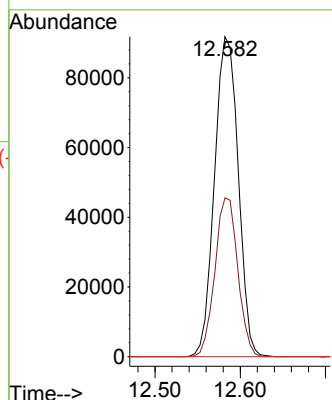
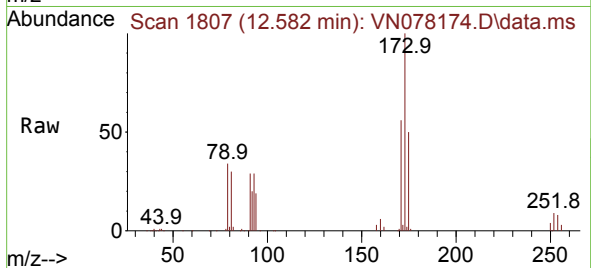
Tgt Ion:173 Resp: 177638

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

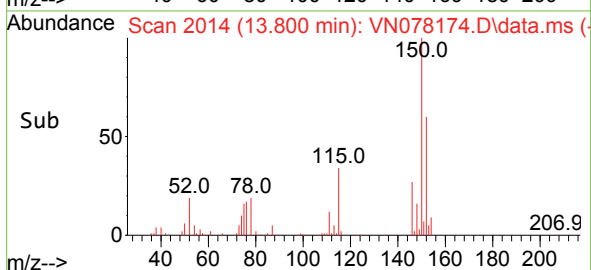
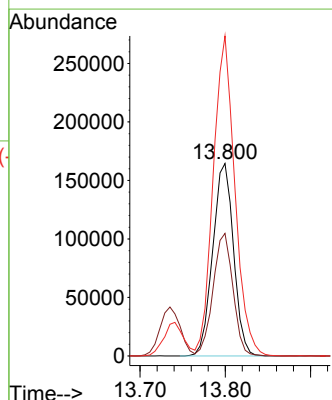
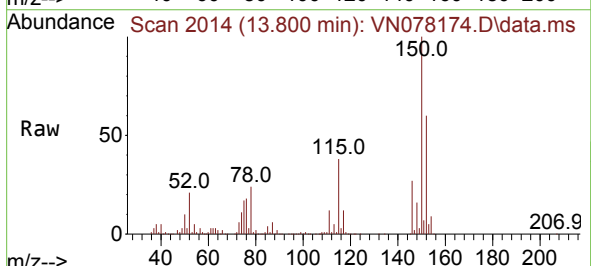
Tgt Ion:152 Resp: 278650

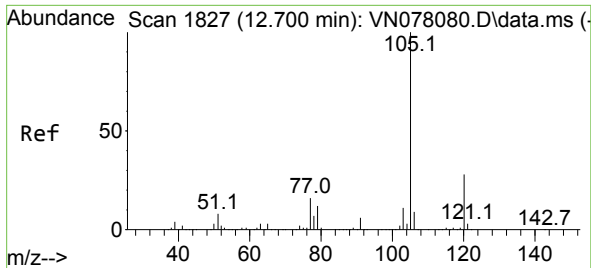
Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 173.1 0.0 355.8

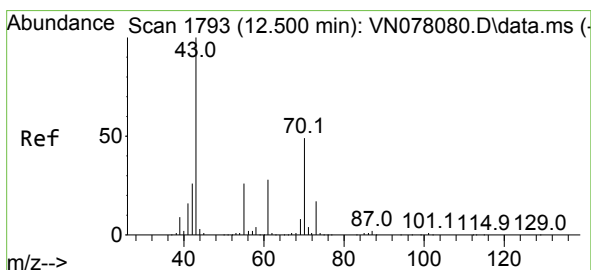
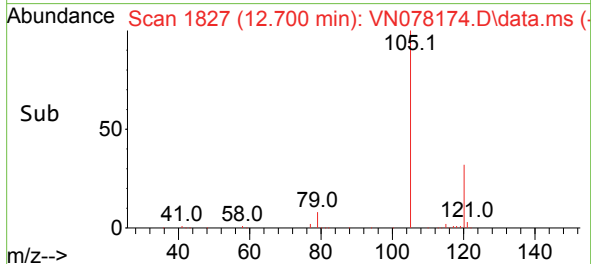
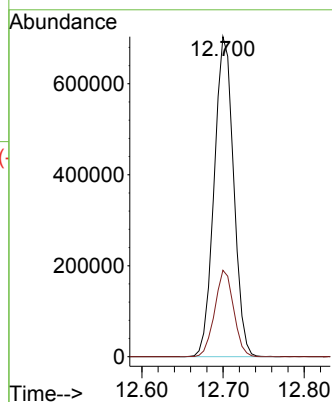
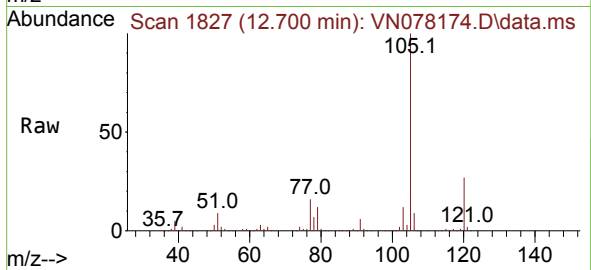




#73
Isopropylbenzene
Concen: 44.407 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

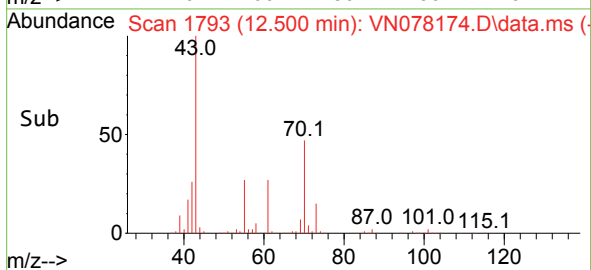
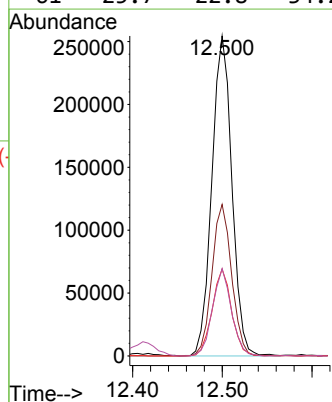
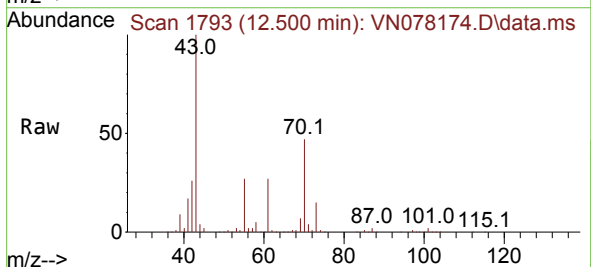
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

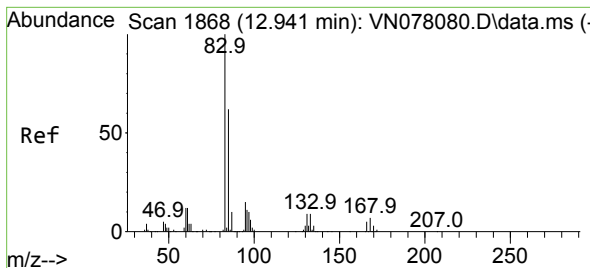
Tgt Ion:105 Resp: 1170129
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 45.530 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 43 Resp: 395071
Ion Ratio Lower Upper
43 100
70 46.5 43.4 65.2
55 26.3 21.4 32.0
61 25.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.750 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

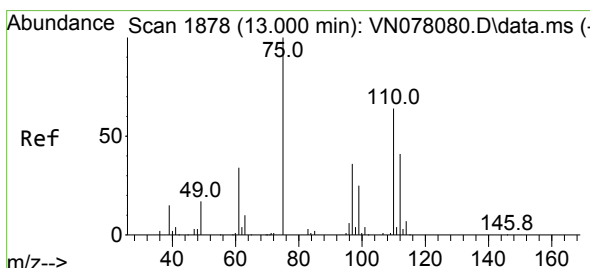
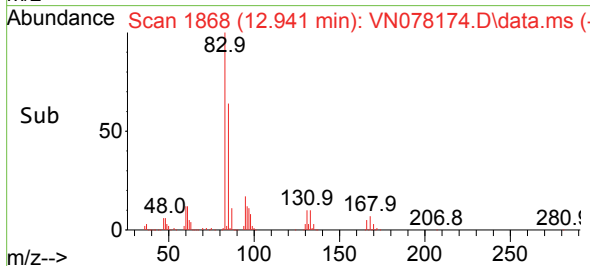
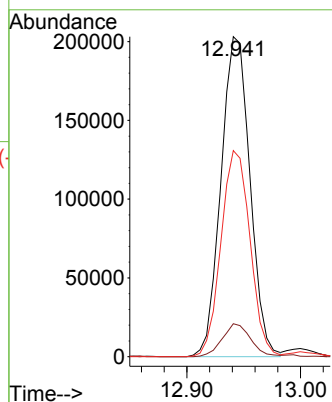
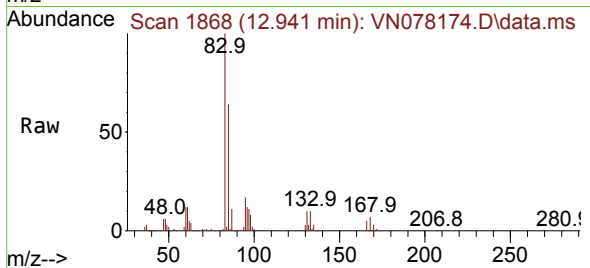
Tgt Ion: 83 Resp: 360642

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

85 64.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 65.721 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078174.D

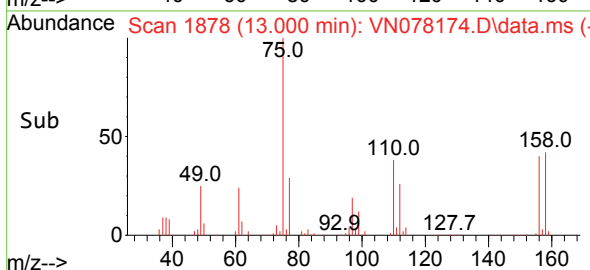
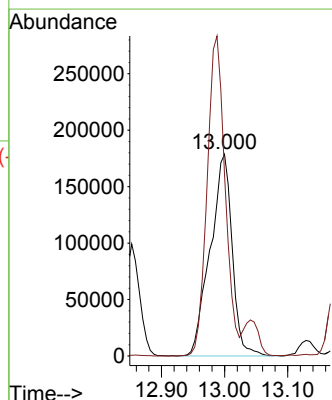
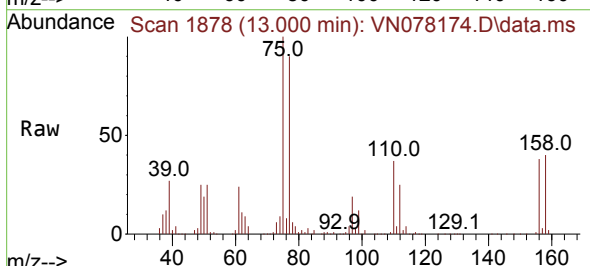
Acq: 12 Jun 2023 18:19

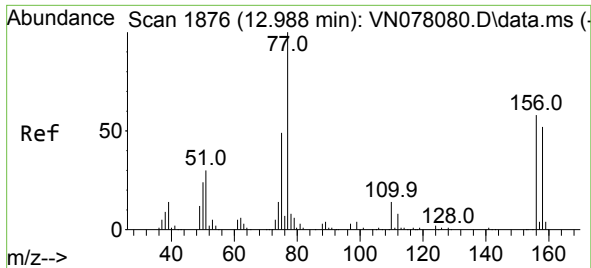
Tgt Ion: 75 Resp: 432930

Ion Ratio Lower Upper

75 100

77 129.5 84.5 253.5

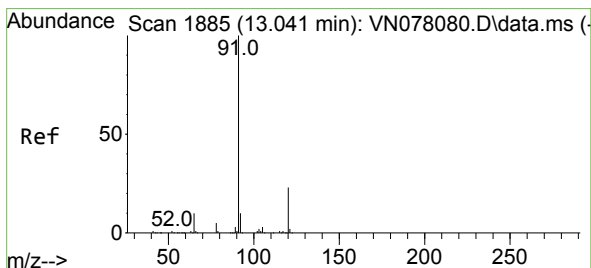
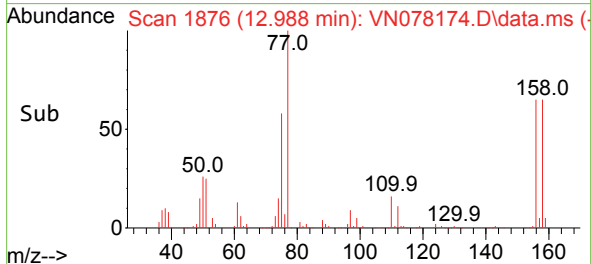
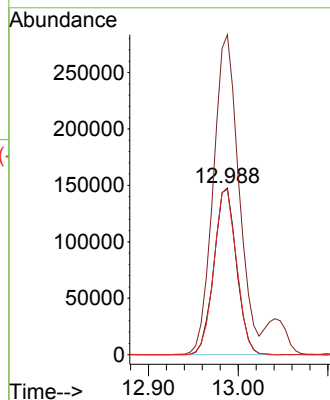
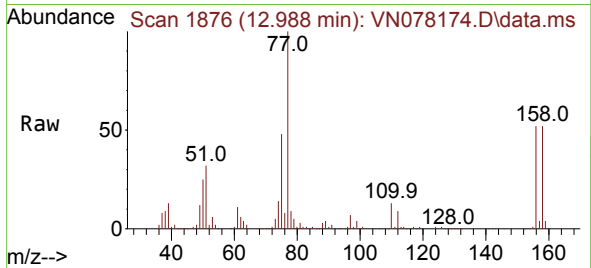




#77
Bromobenzene
Concen: 42.234 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

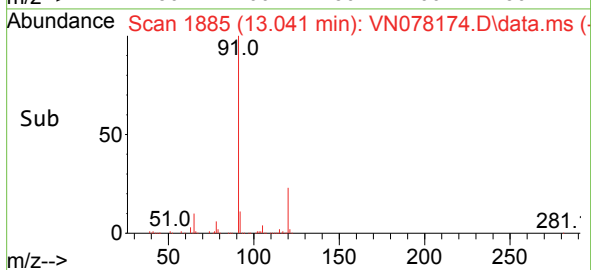
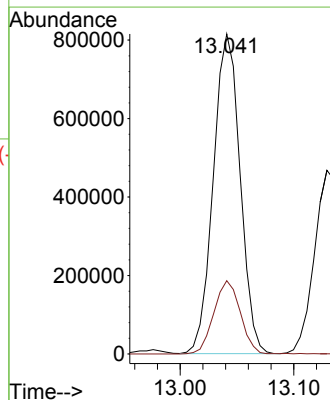
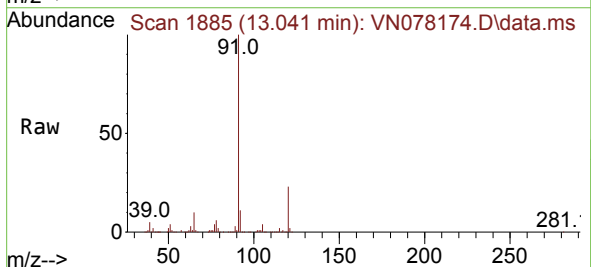
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

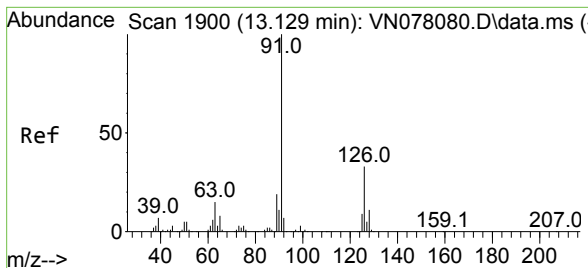
Tgt Ion:156 Resp: 258336
Ion Ratio Lower Upper
156 100
77 217.0 107.7 323.3
158 99.8 48.4 145.3



#78
n-propylbenzene
Concen: 46.671 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 91 Resp: 1336118
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

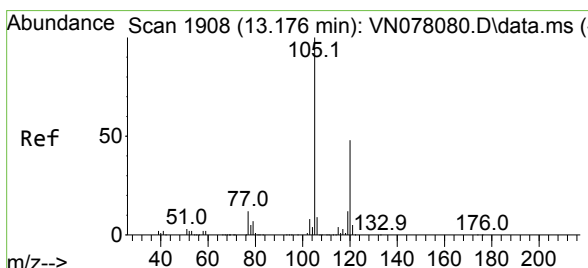
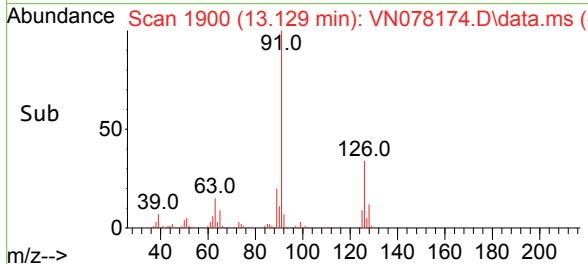
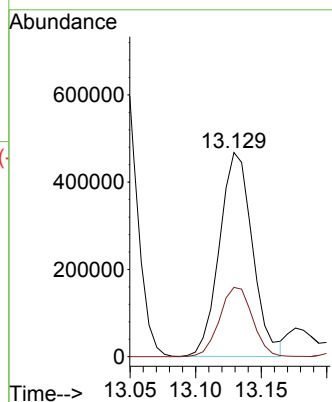
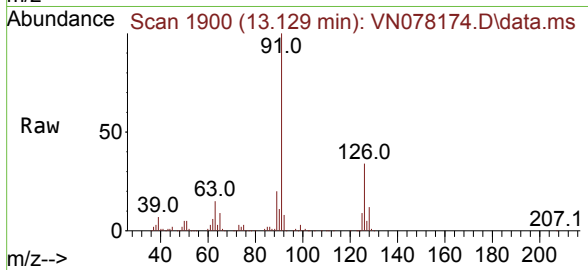




#79
2-Chlorotoluene
Concen: 44.369 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

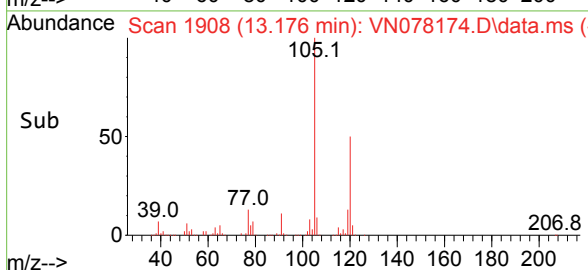
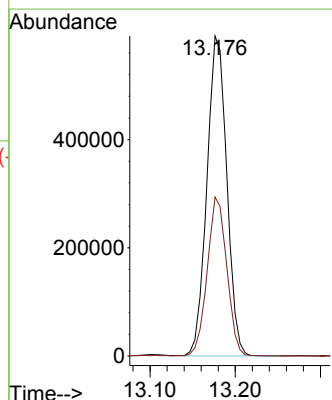
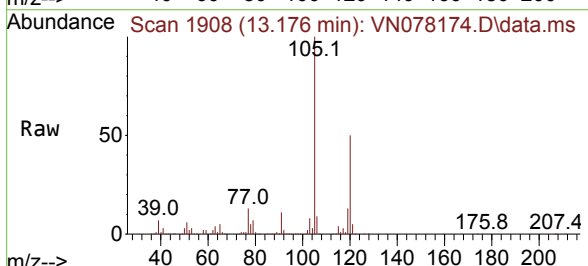
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

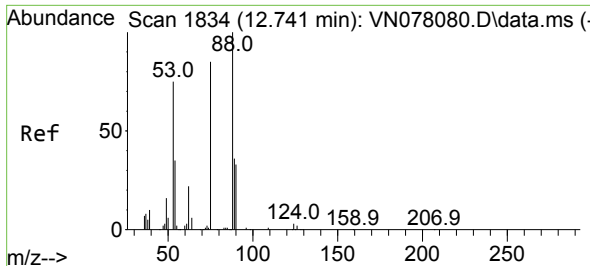
Tgt Ion: 91 Resp: 819920
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 44.974 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 105 Resp: 959444
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3

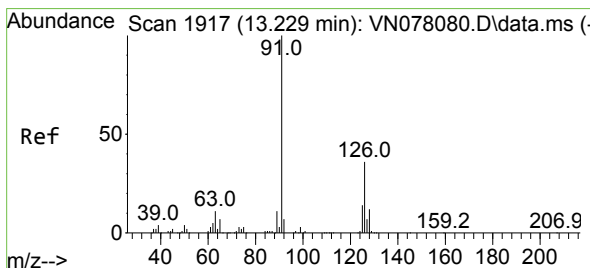
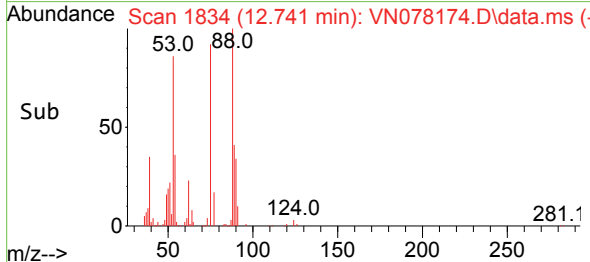
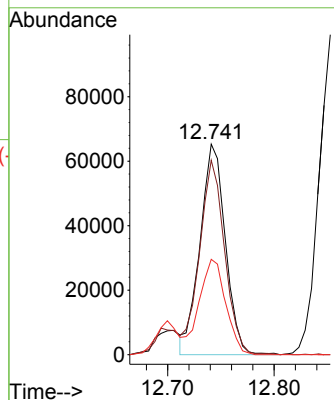
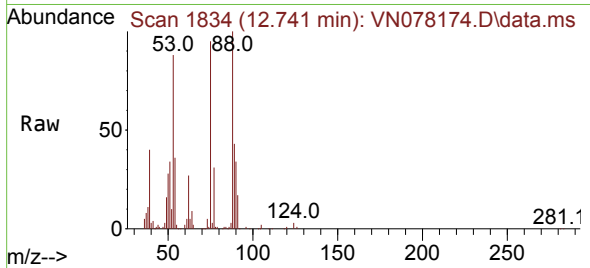




#81
trans-1,4-Dichloro-2-butene
Concen: 50.416 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

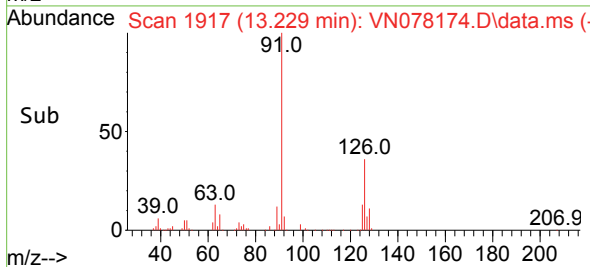
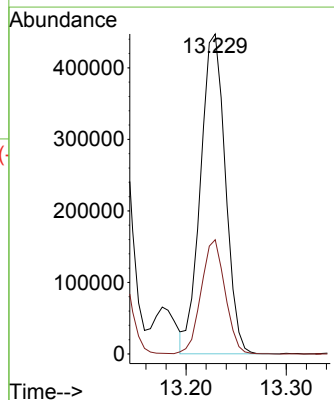
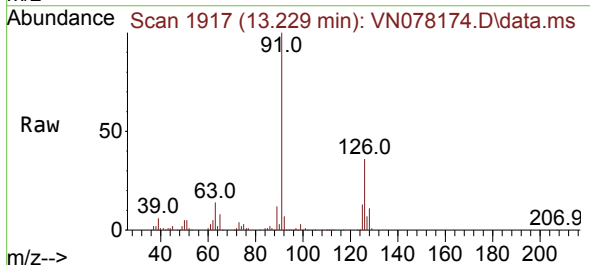
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

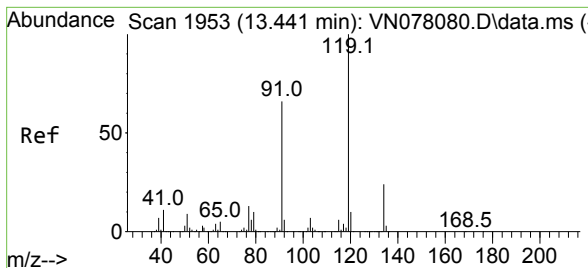
Tgt Ion: 75 Resp: 108097
Ion Ratio Lower Upper
75 100
53 91.5 67.4 101.2
89 47.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 44.627 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 91 Resp: 769683
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





#83

tert-Butylbenzene

Concen: 45.000 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

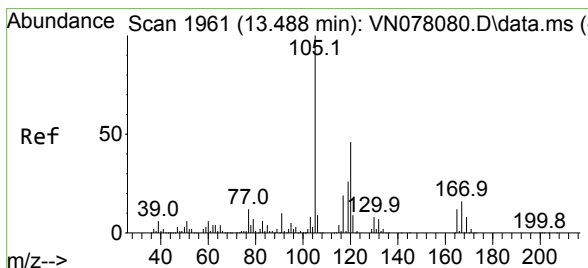
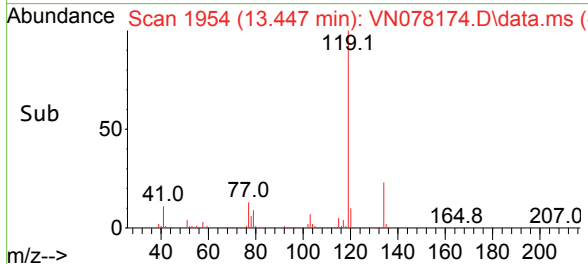
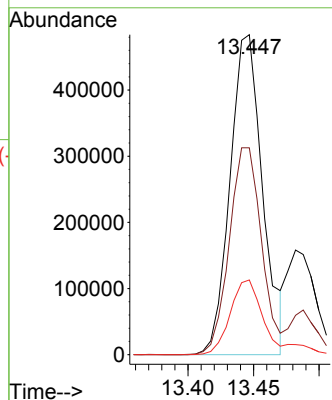
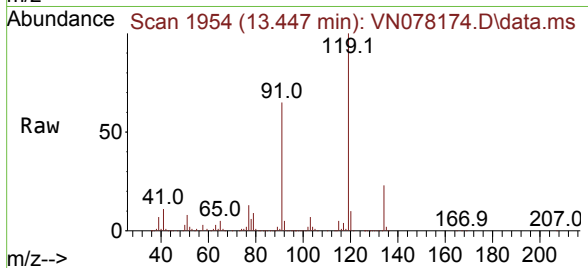
Tgt Ion:119 Resp: 834504

Ion Ratio Lower Upper

119 100

91 64.3 33.9 101.7

134 25.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 46.056 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078174.D

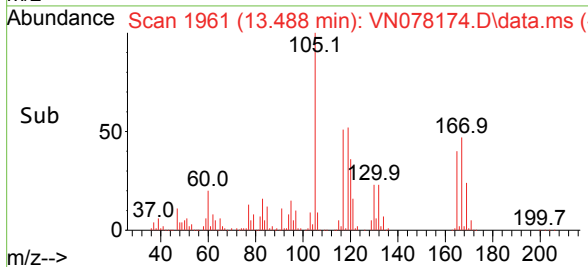
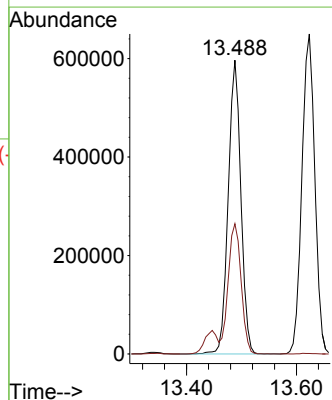
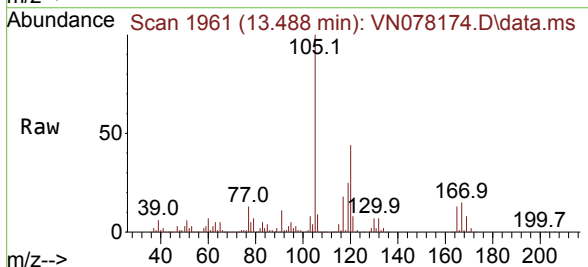
Acq: 12 Jun 2023 18:19

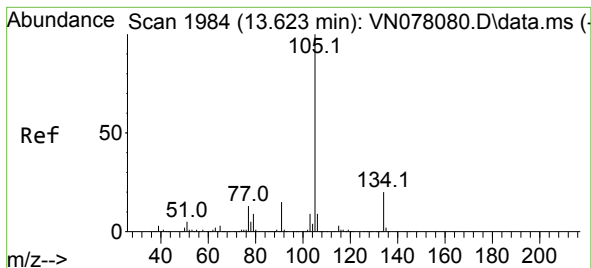
Tgt Ion:105 Resp: 952575

Ion Ratio Lower Upper

105 100

120 45.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 43.646 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

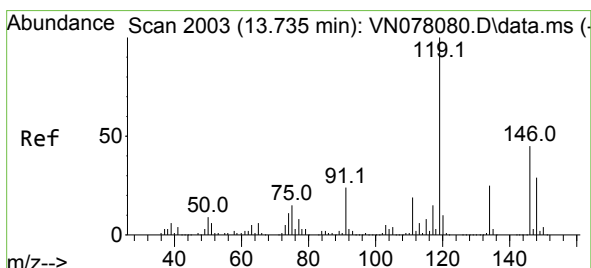
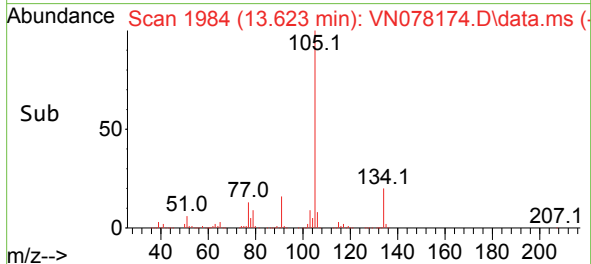
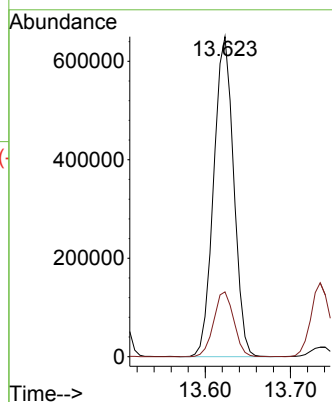
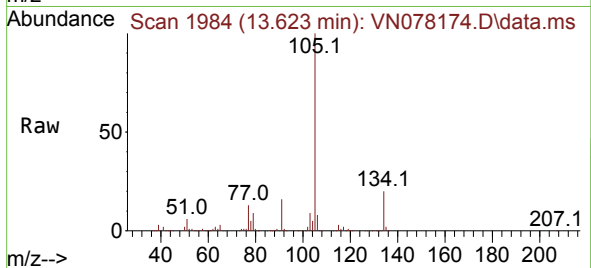
VSTDCCC050EC

Tgt Ion:105 Resp: 1059376

Ion Ratio Lower Upper

105 100

134 20.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 45.034 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

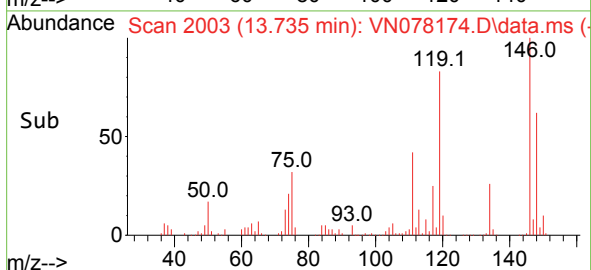
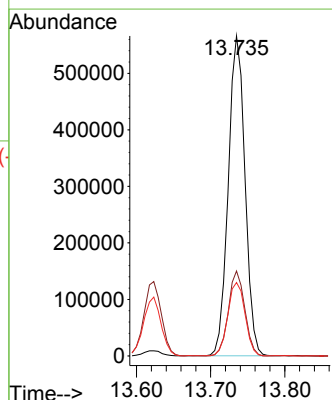
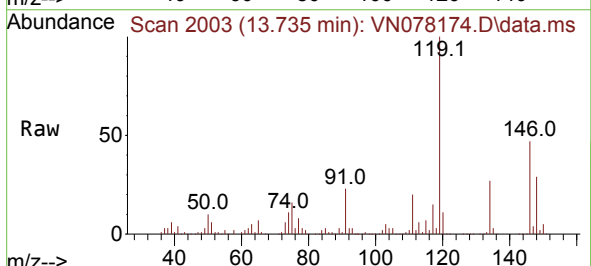
Tgt Ion:119 Resp: 887026

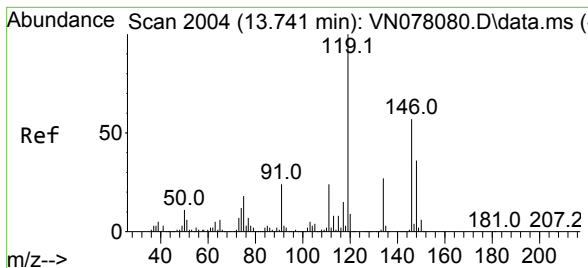
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.8

91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 43.952 ug/l

RT: 13.735 min Scan# 2004

Delta R.T. -0.006 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

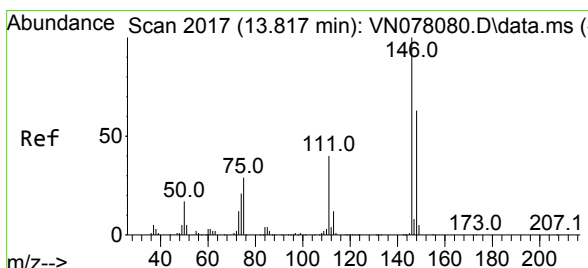
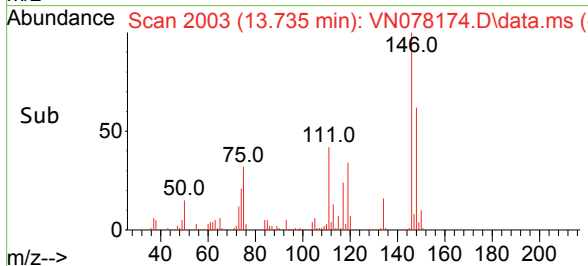
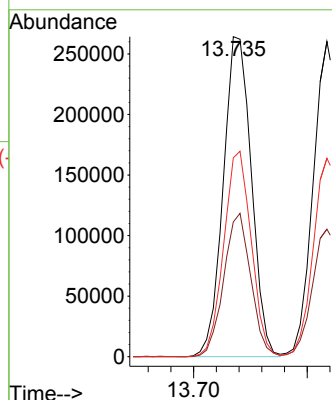
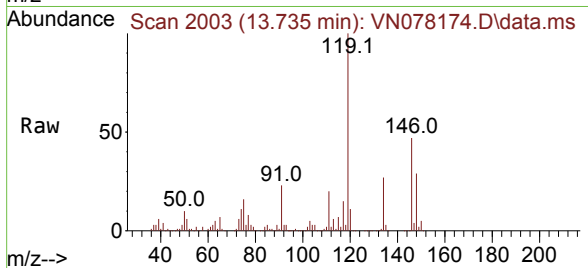
Tgt Ion:146 Resp: 454760

Ion Ratio Lower Upper

146 100

111 43.0 22.1 66.3

148 62.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 44.117 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

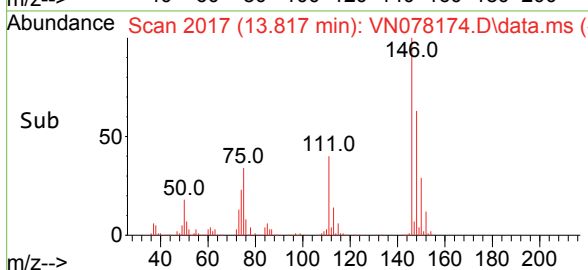
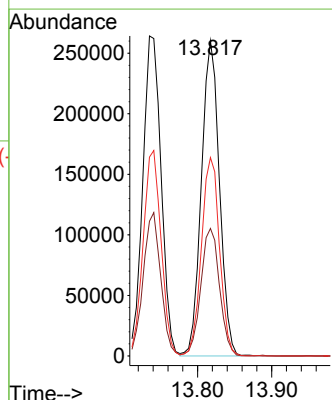
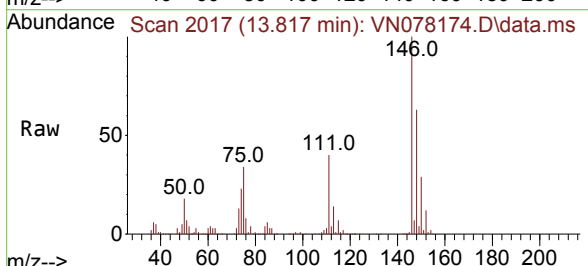
Tgt Ion:146 Resp: 440461

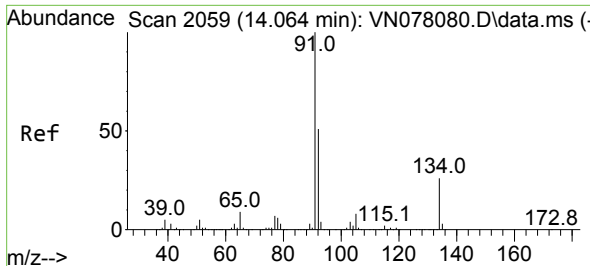
Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.8

148 63.0 31.6 94.8

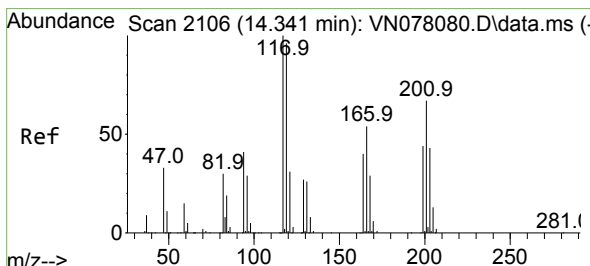
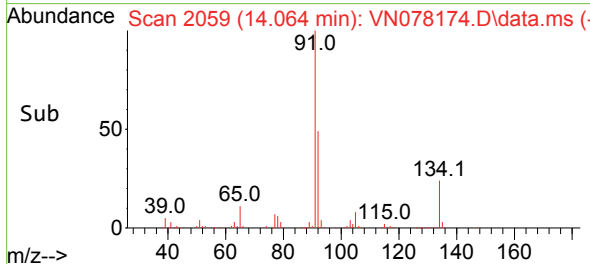
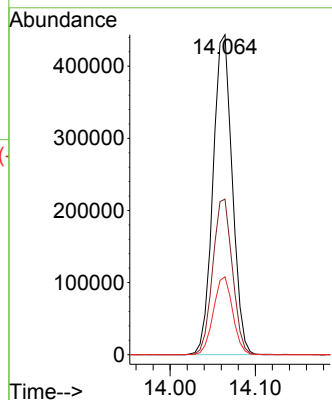
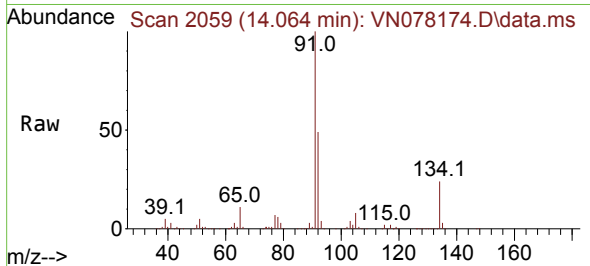




#89
n-Butylbenzene
Concen: 45.015 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

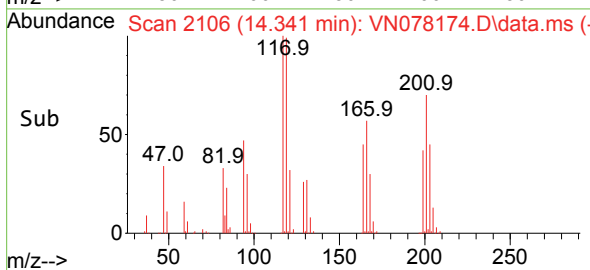
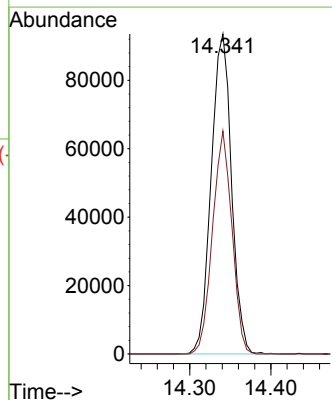
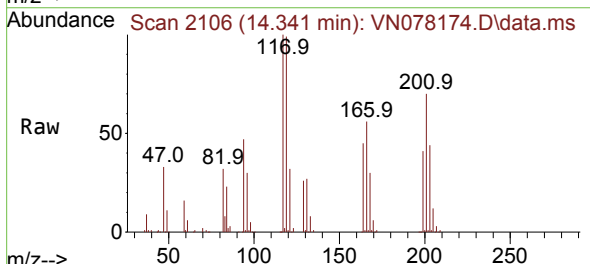
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

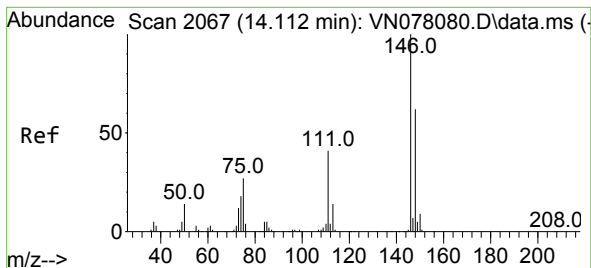
Tgt Ion: 91 Resp: 699351
Ion Ratio Lower Upper
91 100
92 49.7 26.4 79.0
134 24.4 12.6 37.6



#90
Hexachloroethane
Concen: 46.499 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion: 117 Resp: 162537
Ion Ratio Lower Upper
117 100
201 66.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 44.338 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

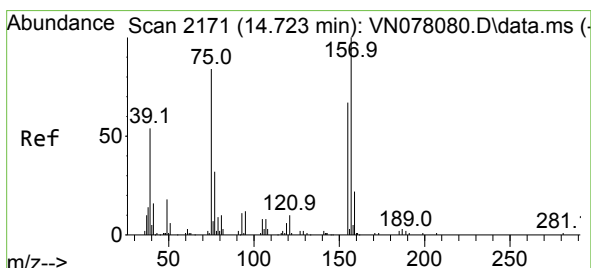
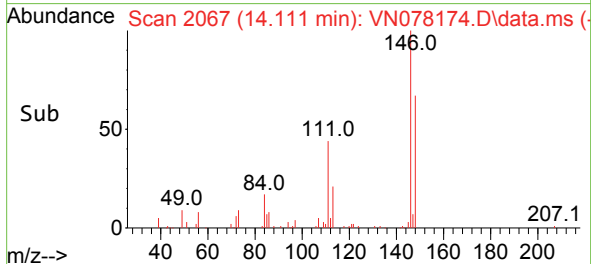
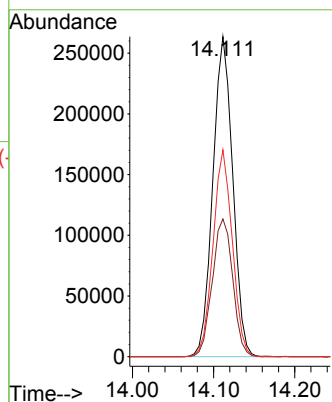
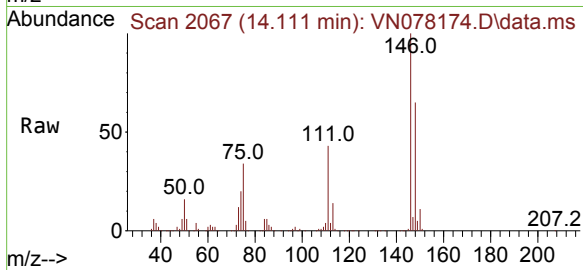
Tgt Ion:146 Resp: 448349

Ion Ratio Lower Upper

146 100

111 44.2 22.0 66.0

148 62.8 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.101 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN078174.D

Acq: 12 Jun 2023 18:19

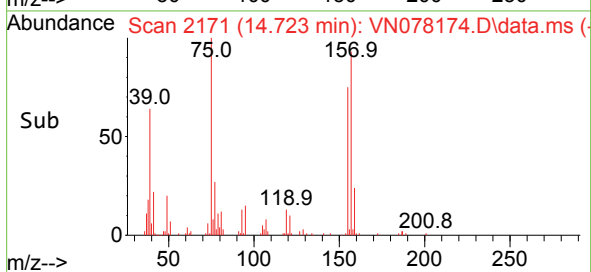
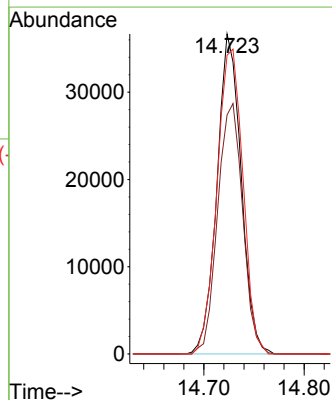
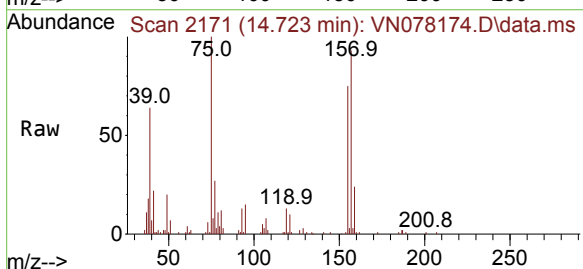
Tgt Ion: 75 Resp: 61475

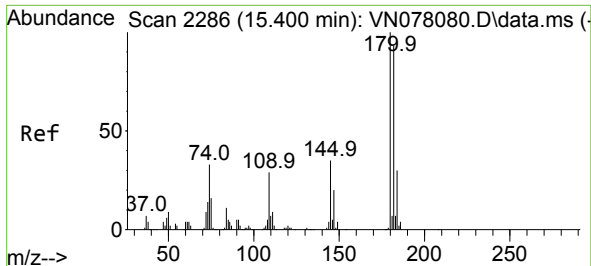
Ion Ratio Lower Upper

75 100

155 81.1 39.1 117.2

157 102.1 50.3 150.9

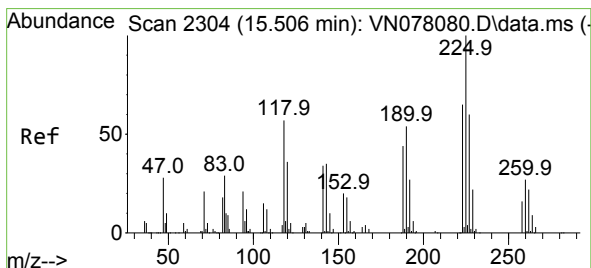
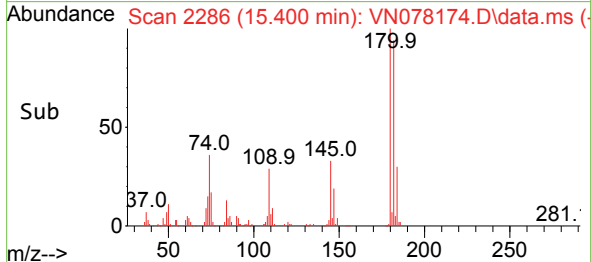
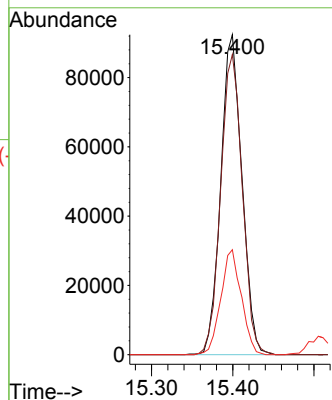
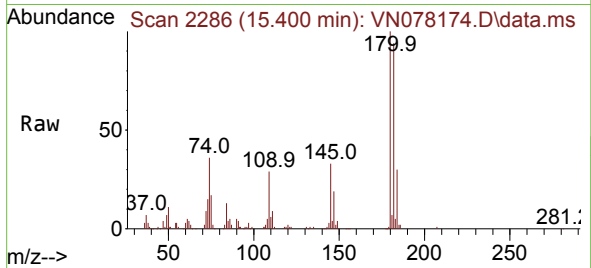




#93
1,2,4-Trichlorobenzene
Concen: 46.478 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

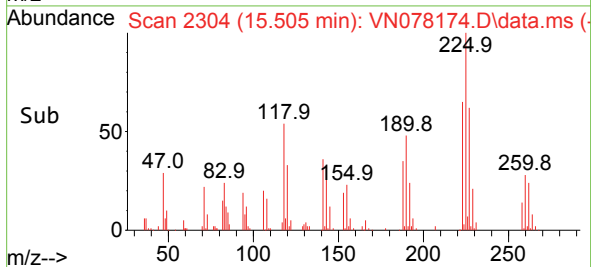
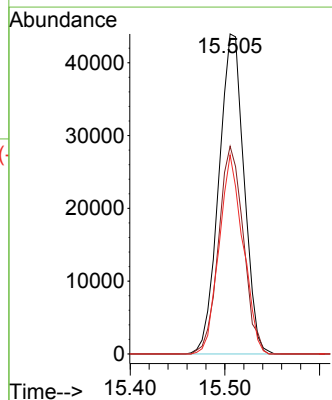
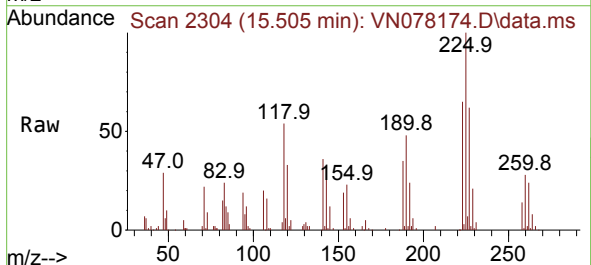
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

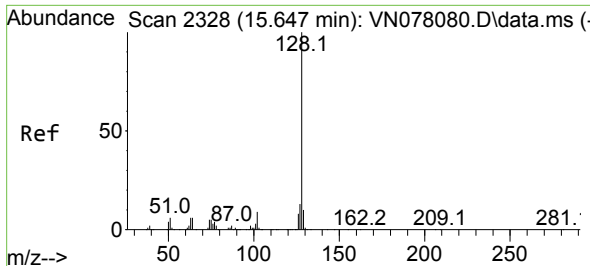
Tgt Ion:180 Resp: 167455
Ion Ratio Lower Upper
180 100
182 95.9 46.1 138.2
145 31.8 16.6 49.8



#94
Hexachlorobutadiene
Concen: 45.844 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion:225 Resp: 81355
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.8
227 59.1 31.9 95.9

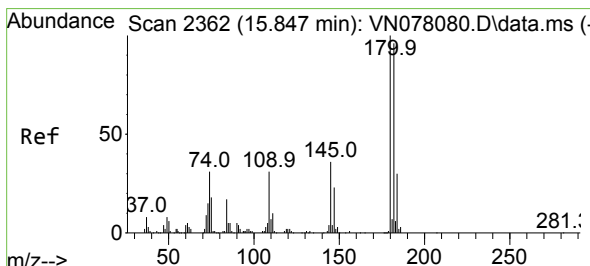
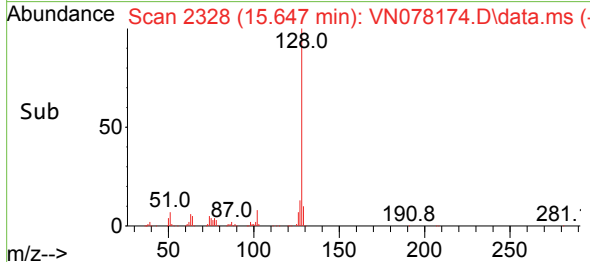
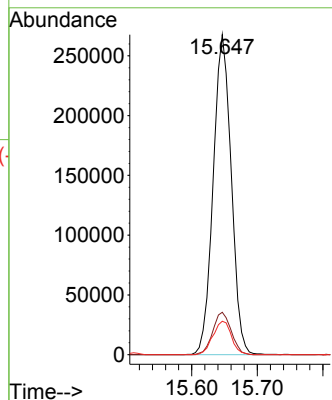
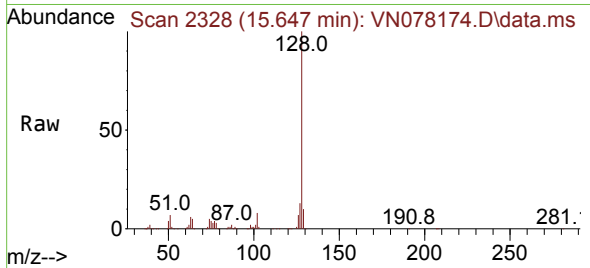




#95
Naphthalene
Concen: 42.173 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 511098
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 43.136 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078174.D
Acq: 12 Jun 2023 18:19

Tgt Ion:180 Resp: 173819
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 34.4 17.5 52.6

