

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078133.D
 Acq On : 09 Jun 2023 09:29
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 09 23:02:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	457936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	796579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	725111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	292253	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	308161	50.471	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.940%	
35) Dibromofluoromethane	8.171	113	262050	52.028	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	10.571	98	998012	51.399	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	12.853	95	328133	54.361	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.720%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	215372	41.606	ug/l	100
3) Chloromethane	2.371	50	236743	48.561	ug/l	98
4) Vinyl Chloride	2.518	62	294328	43.422	ug/l	98
5) Bromomethane	2.954	94	219027	42.756	ug/l	99
6) Chloroethane	3.124	64	202748	43.878	ug/l	100
7) Trichlorofluoromethane	3.501	101	394880	42.959	ug/l	99
8) Diethyl Ether	3.971	74	146979	45.508	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	222667	45.901	ug/l	99
10) Methyl Iodide	4.600	142	306436	44.667	ug/l	97
11) Tert butyl alcohol	5.536	59	196130	232.638	ug/l	99
12) 1,1-Dichloroethene	4.348	96	208924	41.779	ug/l	86
13) Acrolein	4.183	56	222454	239.411	ug/l	94
14) Allyl chloride	5.030	41	279489	45.786	ug/l	91
15) Acrylonitrile	5.730	53	529801	243.748	ug/l	99
16) Acetone	4.436	43	468186	266.402	ug/l	96
17) Carbon Disulfide	4.724	76	549096	42.660	ug/l	100
18) Methyl Acetate	5.036	43	370359	45.773	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	751170	47.080	ug/l	96
20) Methylene Chloride	5.289	84	251660	43.333	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	239868	44.473	ug/l	85
22) Diisopropyl ether	6.683	45	706085	49.174	ug/l	93
23) Vinyl Acetate	6.612	43	2100269	246.064	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	439163	46.363	ug/l	97
25) 2-Butanone	7.489	43	691830	255.990	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	379344	54.239	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	287464	44.682	ug/l	94
28) Bromochloromethane	7.818	49	215766	49.612	ug/l	92
29) Tetrahydrofuran	7.841	42	435842	241.239	ug/l	85
30) Chloroform	7.971	83	480591	47.118	ug/l	100
31) Cyclohexane	8.265	56	352106	44.956	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	422062	47.133	ug/l	99
36) 1,1-Dichloropropene	8.377	75	349103	48.322	ug/l	97
37) Ethyl Acetate	7.565	43	284288	50.372	ug/l	96
38) Carbon Tetrachloride	8.371	117	378213	49.580	ug/l	97
39) Methylcyclohexane	9.606	83	361646	48.303	ug/l	92
40) Benzene	8.612	78	1033900	47.936	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	152432	49.829	ug/l	90
42) 1,2-Dichloroethane	8.677	62	370540	50.106	ug/l	97
43) Isopropyl Acetate	8.694	43	496953	46.042	ug/l	94
44) Trichloroethene	9.359	130	264794	46.488	ug/l	98
45) 1,2-Dichloropropane	9.630	63	271799	50.650	ug/l	97
46) Dibromomethane	9.718	93	191791	48.523	ug/l	96
47) Bromodichloromethane	9.894	83	379571	51.699	ug/l	93
48) Methyl methacrylate	9.688	41	226504	50.006	ug/l	90
49) 1,4-Dioxane	9.700	88	90949	955.336	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	1474617	259.446	ug/l	92
52) Toluene	10.635	92	668282	49.075	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	401939	52.567	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	439041	51.943	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	262239	50.907	ug/l	96
56) Ethyl methacrylate	10.877	69	389991	51.993	ug/l	92
57) 1,3-Dichloropropane	11.171	76	435911	50.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	806884	266.290	ug/l	92
59) 2-Hexanone	11.200	43	1038319	262.366	ug/l	92
60) Dibromochloromethane	11.365	129	291564	51.724	ug/l	99
61) 1,2-Dibromoethane	11.476	107	270572	50.050	ug/l	98
64) Tetrachloroethene	11.112	164	223948	46.295	ug/l	98
65) Chlorobenzene	11.894	112	717239	46.188	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	267739	46.878	ug/l	97
67) Ethyl Benzene	11.971	91	1280609	47.794	ug/l	99
68) m/p-Xylenes	12.076	106	972124	95.200	ug/l	97
69) o-Xylene	12.406	106	471786	47.048	ug/l	96
70) Styrene	12.418	104	777475	49.248	ug/l	99
71) Bromoform	12.582	173	182421	49.492	ug/l #	99
73) Isopropylbenzene	12.700	105	1207567	43.695	ug/l	99
74) N-amyl acetate	12.500	43	399980	43.950	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	368485	48.399	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	450062	65.142	ug/l	72
77) Bromobenzene	12.988	156	274538	42.793	ug/l	100
78) n-propylbenzene	13.041	91	1359158	45.266	ug/l	100
79) 2-Chlorotoluene	13.129	91	821253	42.372	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	994017	44.425	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	126400	56.208	ug/l	94
82) 4-Chlorotoluene	13.223	91	822954	45.494	ug/l	100
83) tert-Butylbenzene	13.441	119	833198	42.839	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	973427	44.873	ug/l	98
85) sec-Butylbenzene	13.623	105	1081947	42.501	ug/l	99
86) p-Isopropyltoluene	13.735	119	904768	43.797	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	488546	45.020	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	467465	44.642	ug/l	99
89) n-Butylbenzene	14.059	91	715975	43.940	ug/l	98
90) Hexachloroethane	14.341	117	159839	43.599	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	479436	45.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62109	45.372	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	182941	48.413	ug/l	98
94) Hexachlorobutadiene	15.506	225	86315	46.407	ug/l	99
95) Naphthalene	15.647	128	592784	46.636	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	190238	45.014	ug/l	98

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

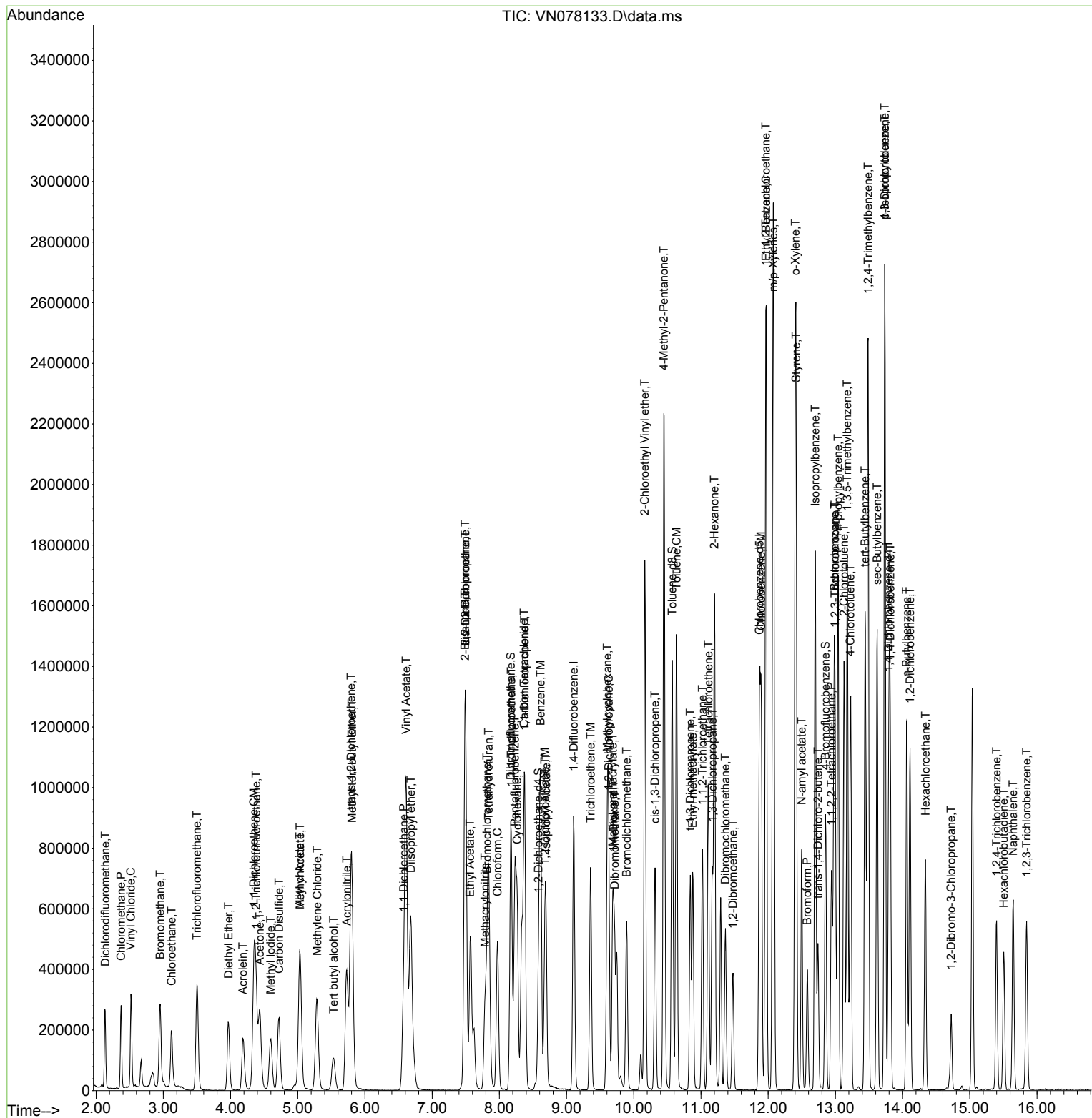
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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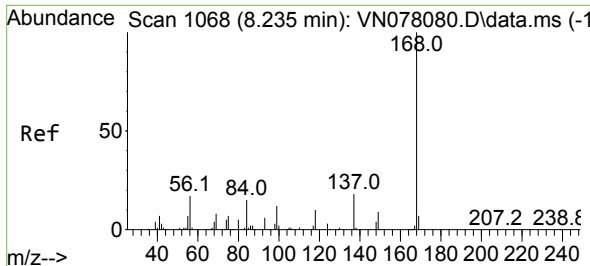
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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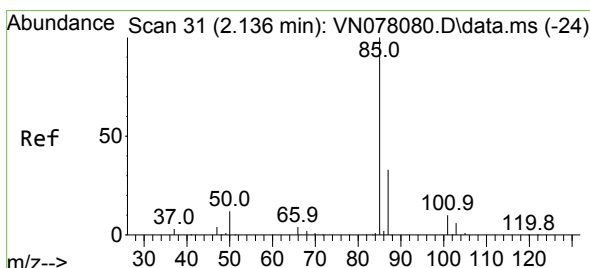
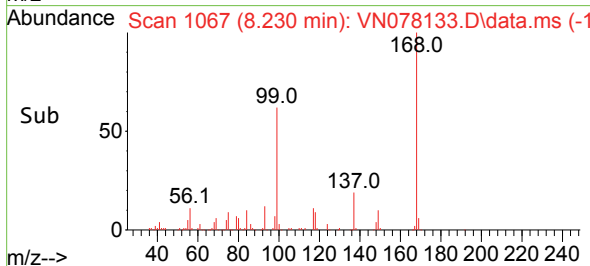
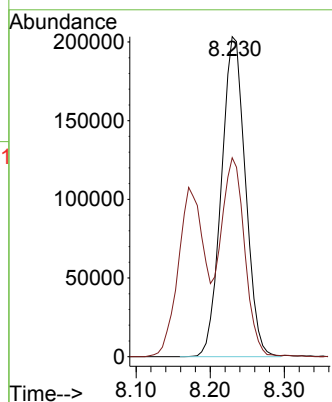
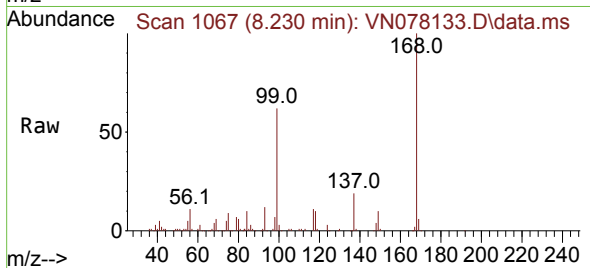




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN078133.D
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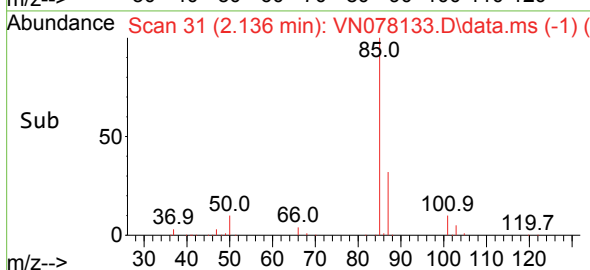
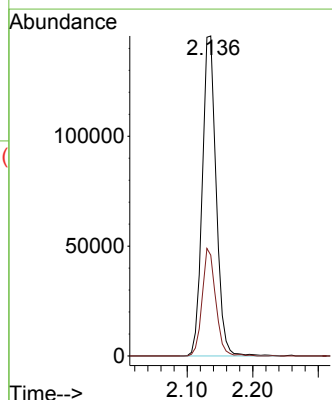
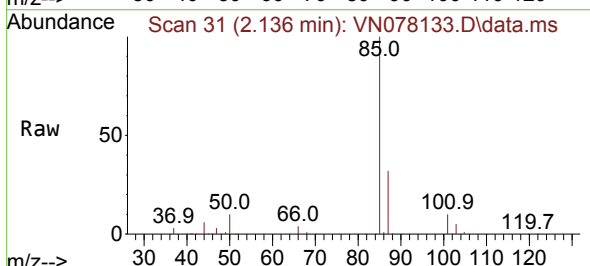
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

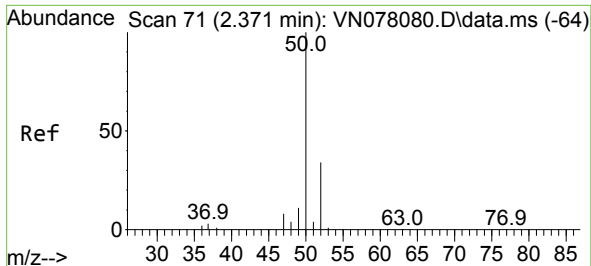
Tgt Ion:168 Resp: 457936
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 41.606 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 85 Resp: 215372
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





#3
Chloromethane
Concen: 48.561 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

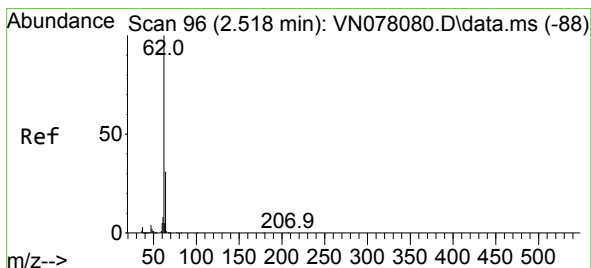
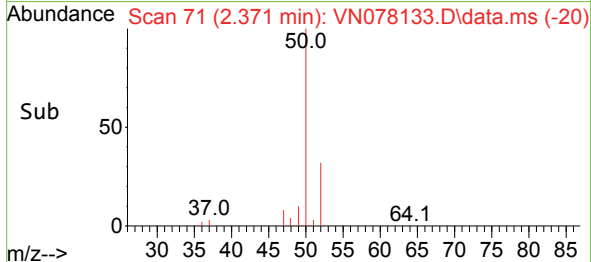
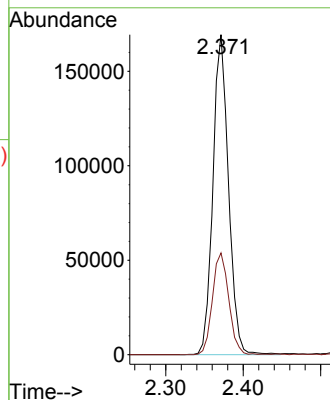
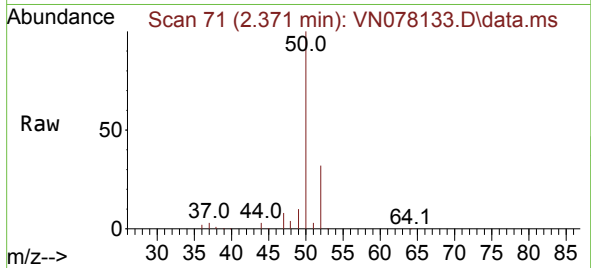
Instrument :

MSVOA_N

ClientSampleId :

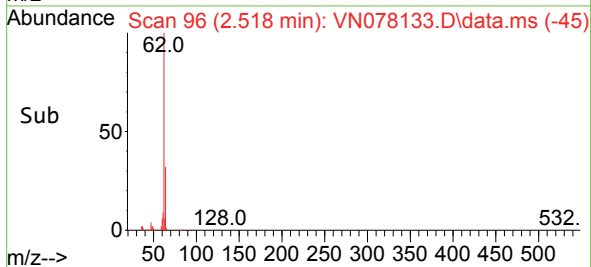
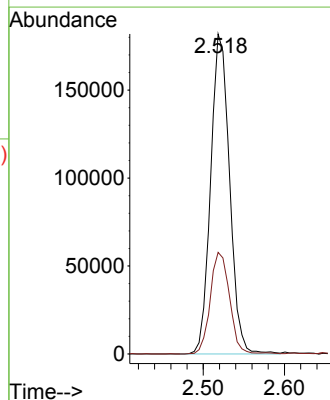
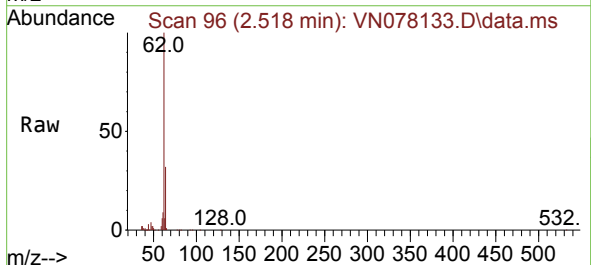
VSTDCCC050

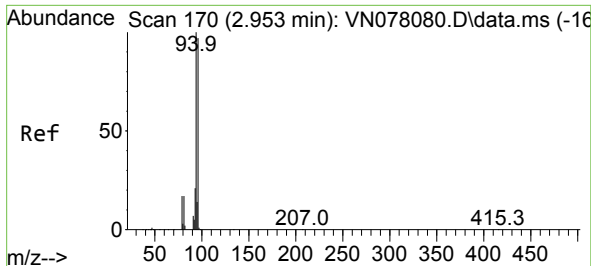
Tgt Ion: 50 Resp: 236743
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7



#4
Vinyl Chloride
Concen: 43.422 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 62 Resp: 294328
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2

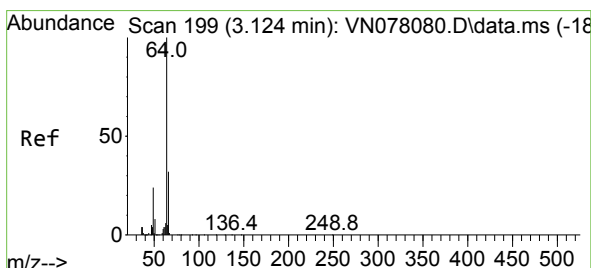
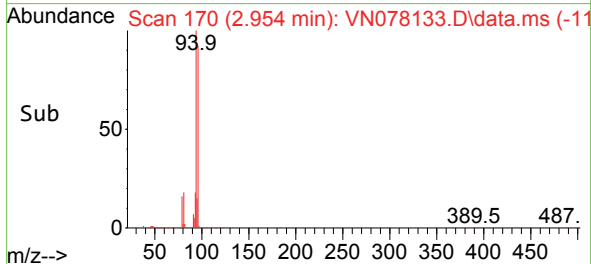
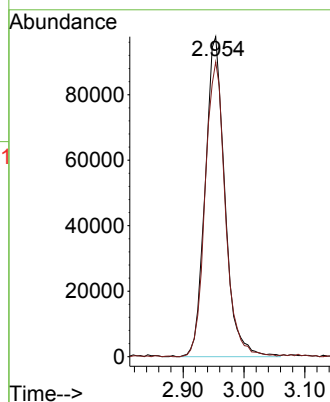
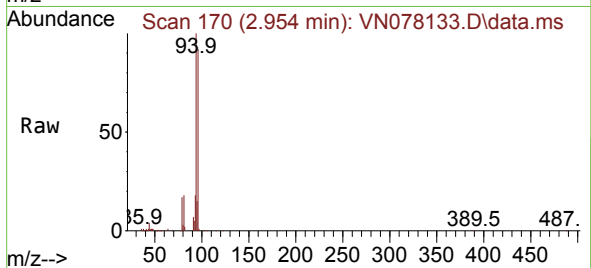




#5
Bromomethane
Concen: 42.756 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078133.D
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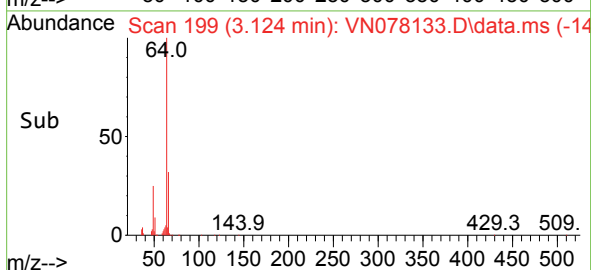
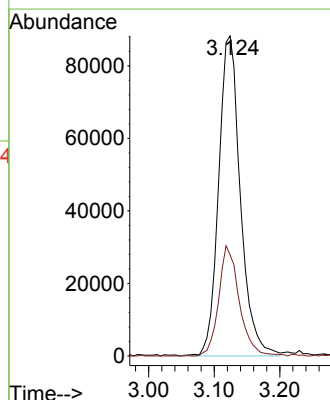
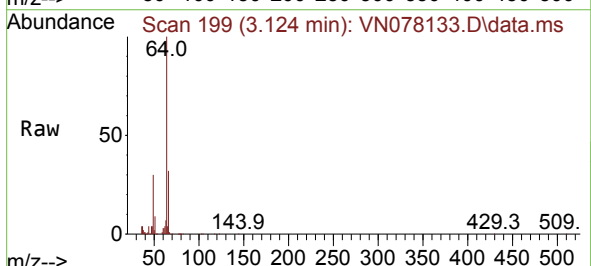
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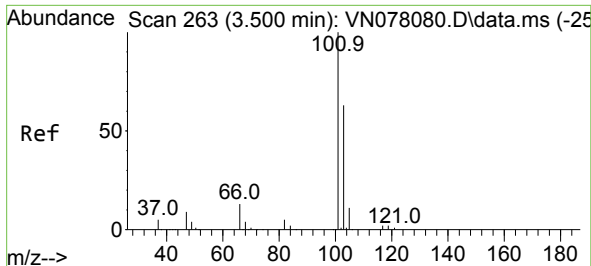
Tgt Ion: 94 Resp: 219027
Ion Ratio Lower Upper
94 100
96 92.1 73.1 109.7



#6
Chloroethane
Concen: 43.878 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 64 Resp: 202748
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2

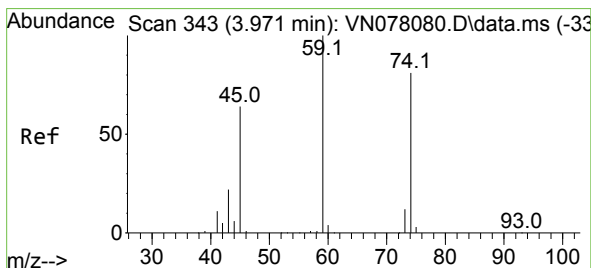
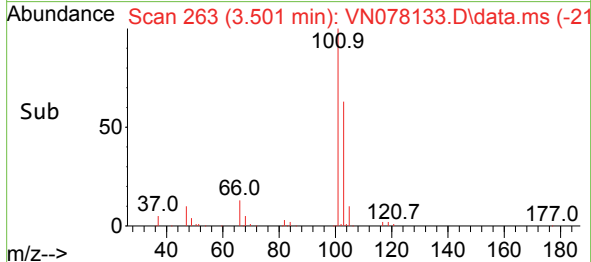
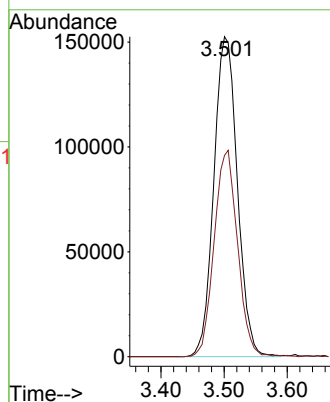
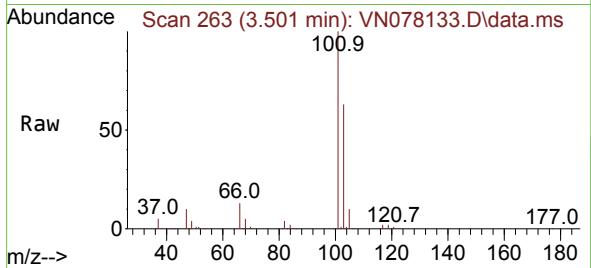




#7
 Trichlorofluoromethane
 Concen: 42.959 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

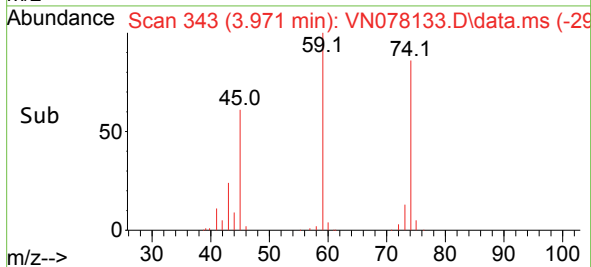
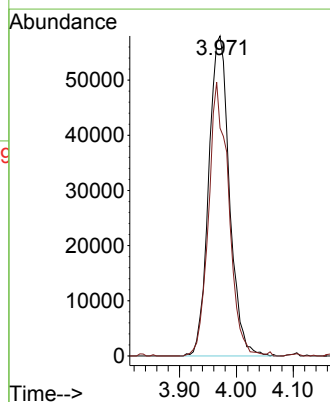
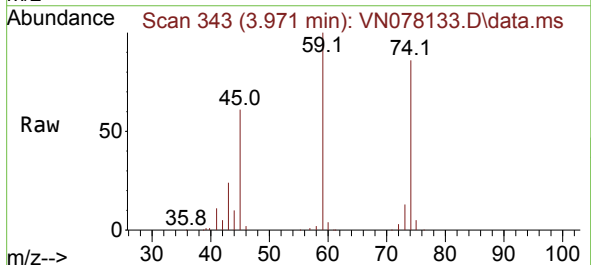
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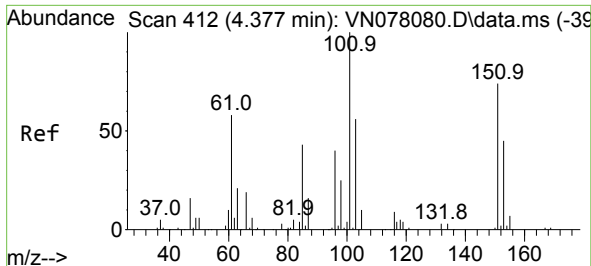
Tgt Ion:101 Resp: 394880
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 45.508 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 146979
 Ion Ratio Lower Upper
 74 100
 45 82.5 34.4 103.3

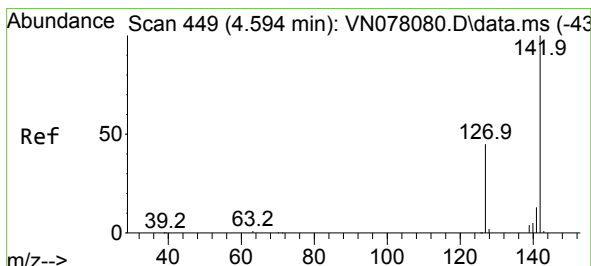
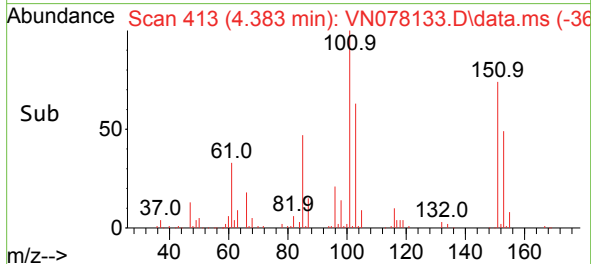
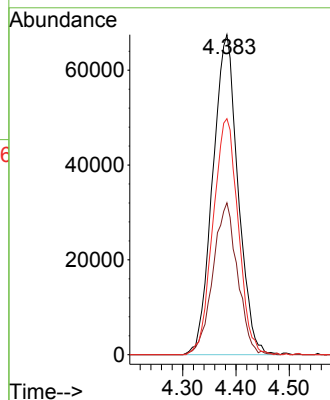
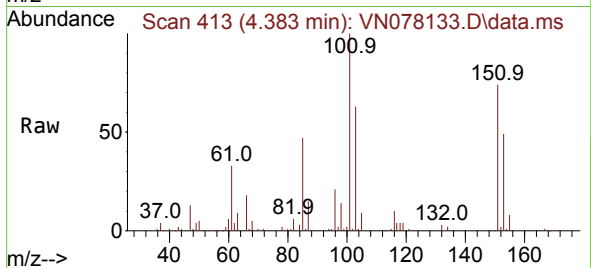




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.901 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

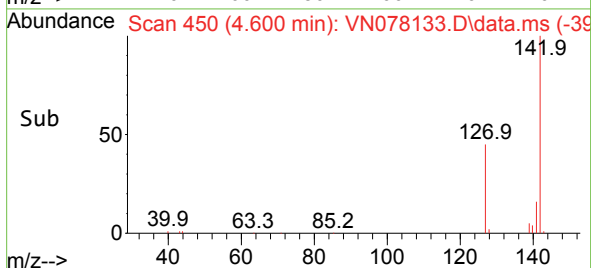
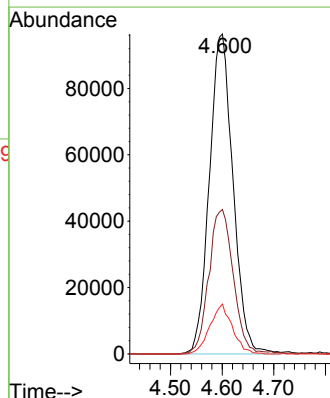
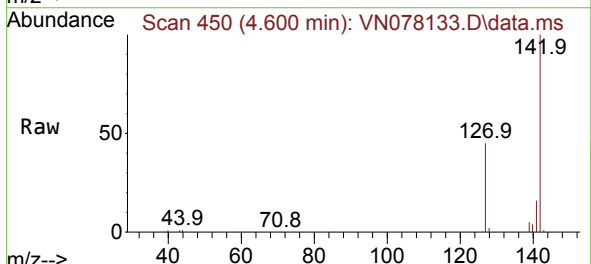
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

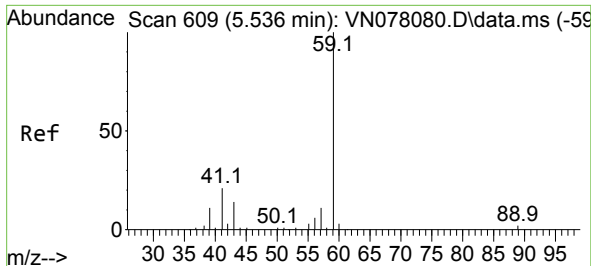
Tgt Ion:101 Resp: 222667
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 73.5 57.6 86.4



#10
Methyl Iodide
Concen: 44.667 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion:142 Resp: 306436
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 15.6 11.4 17.0

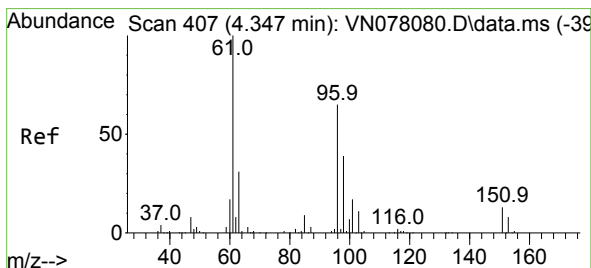
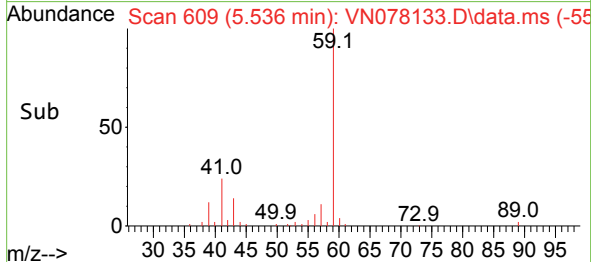
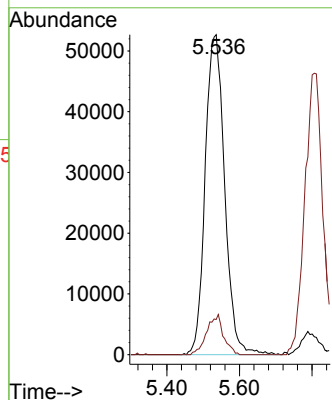
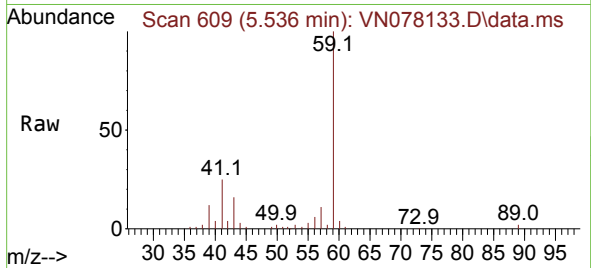




#11
Tert butyl alcohol
Concen: 232.638 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

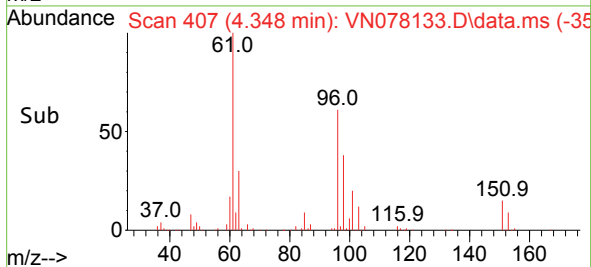
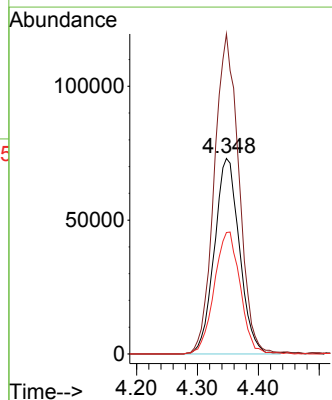
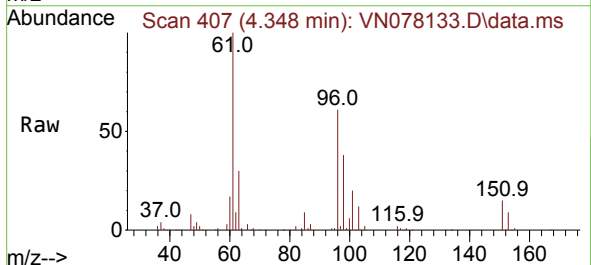
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

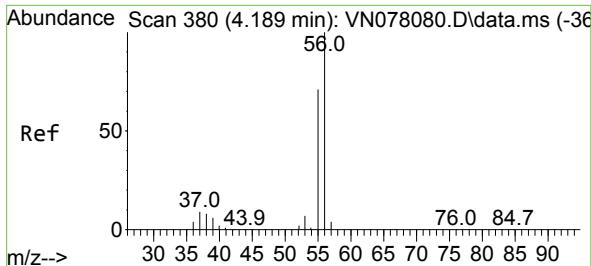
Tgt Ion: 59 Resp: 196130
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 41.779 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 96 Resp: 208924
Ion Ratio Lower Upper
96 100
61 163.6 112.7 169.1
98 62.1 51.2 76.8

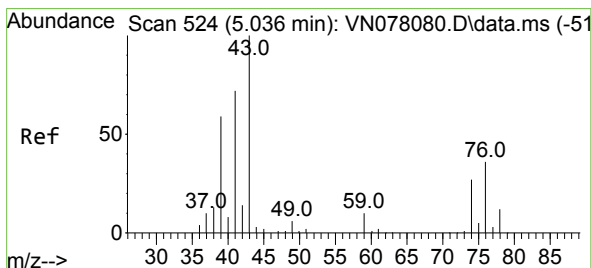
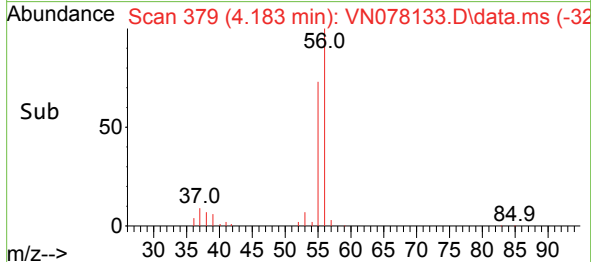
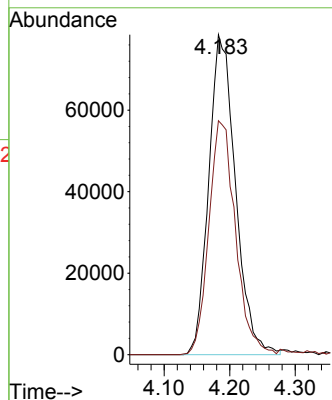
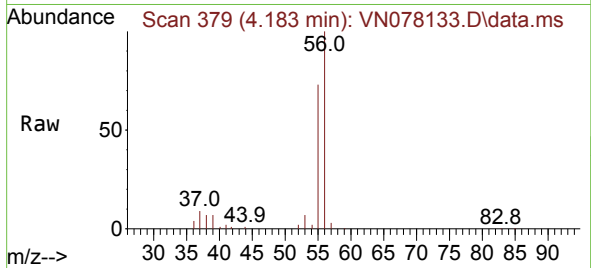




#13
Acrolein
Concen: 239.411 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

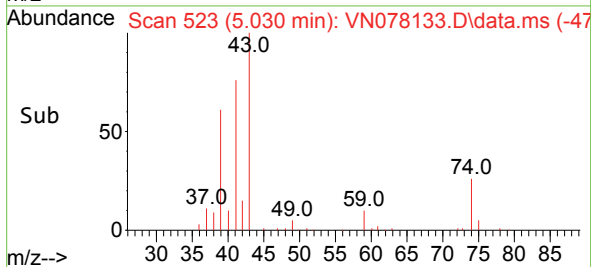
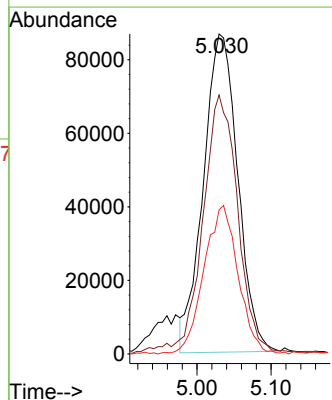
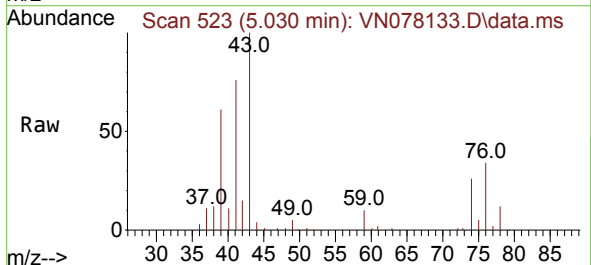
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

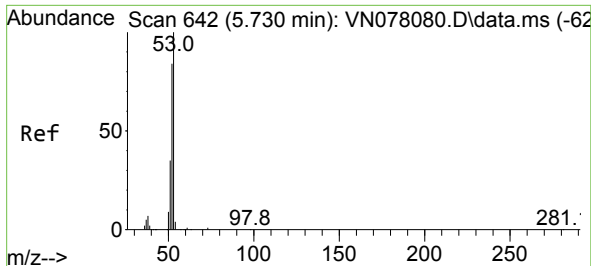
Tgt Ion: 56 Resp: 222454
Ion Ratio Lower Upper
56 100
55 72.8 54.5 81.7



#14
Allyl chloride
Concen: 45.786 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 41 Resp: 279489
Ion Ratio Lower Upper
41 100
39 83.6 58.8 88.2
76 46.4 39.1 58.7

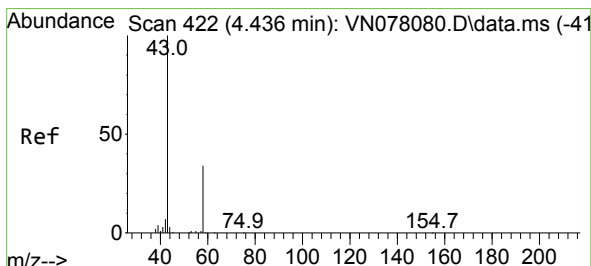
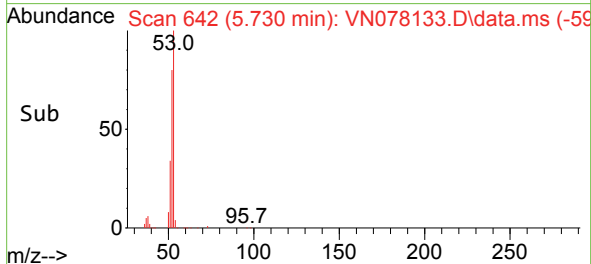
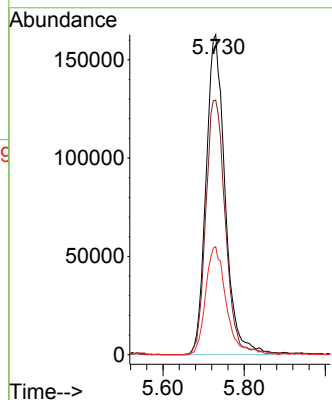
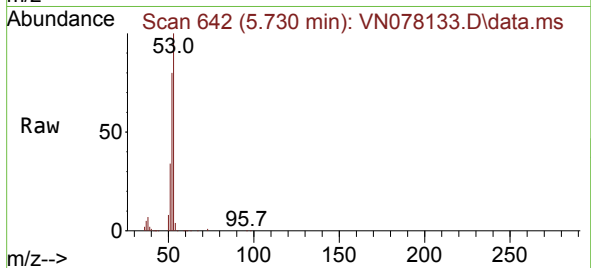




#15
Acrylonitrile
Concen: 243.748 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

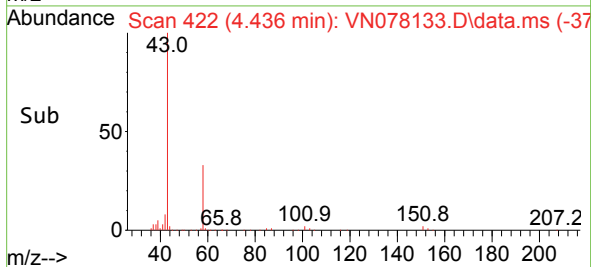
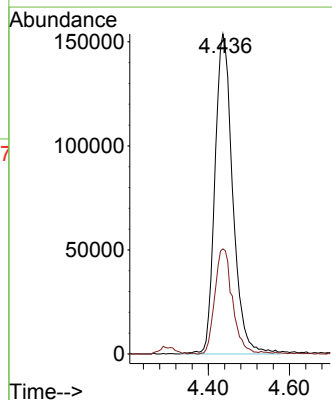
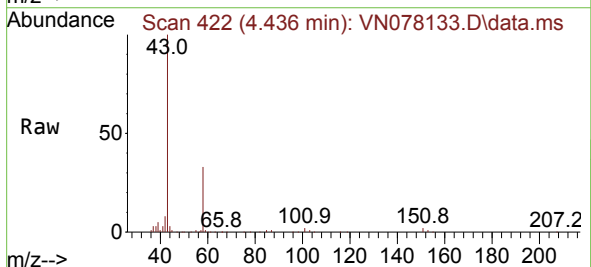
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

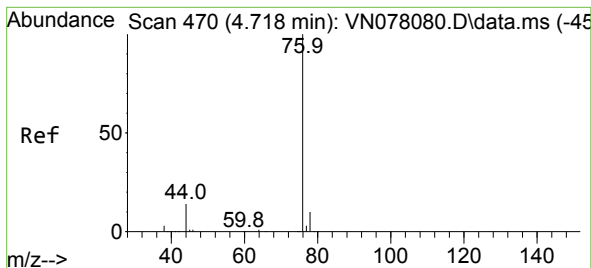
Tgt Ion: 53 Resp: 529801
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.5 28.9 43.3



#16
Acetone
Concen: 266.402 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 43 Resp: 468186
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0





#17

Carbon Disulfide

Concen: 42.660 ug/l

RT: 4.724 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

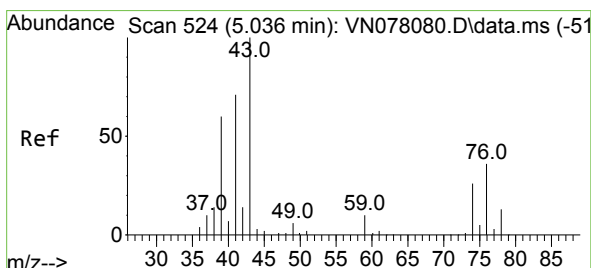
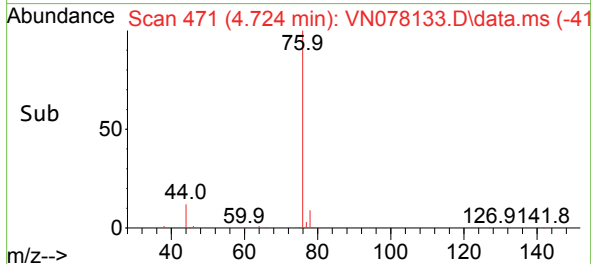
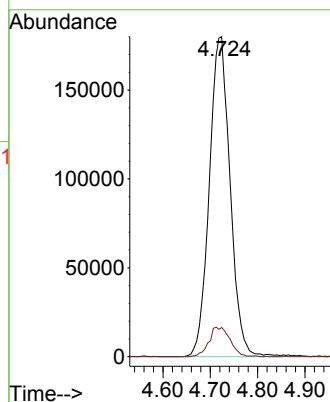
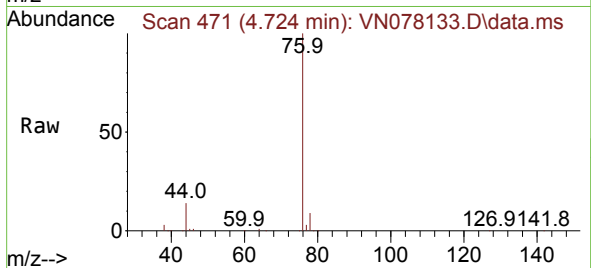
VSTDCCC050

Tgt Ion: 76 Resp: 549096

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 45.773 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078133.D

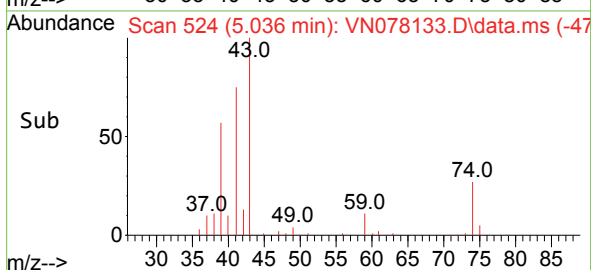
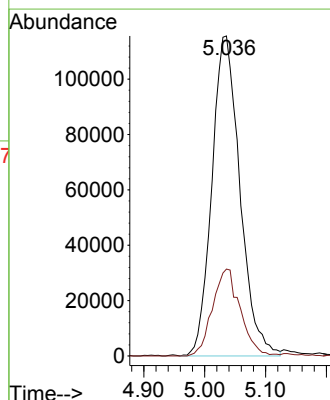
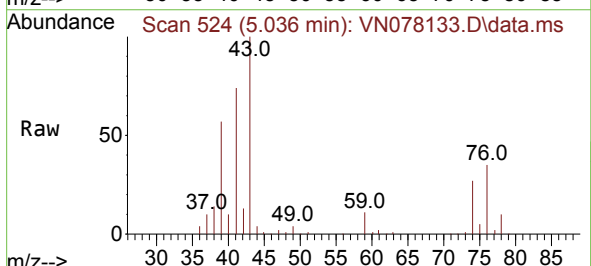
Acq: 09 Jun 2023 09:29

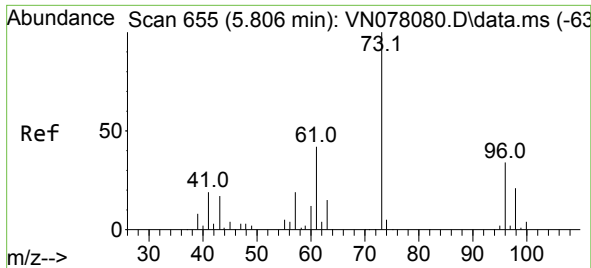
Tgt Ion: 43 Resp: 370359

Ion Ratio Lower Upper

43 100

74 26.8 26.2 39.4

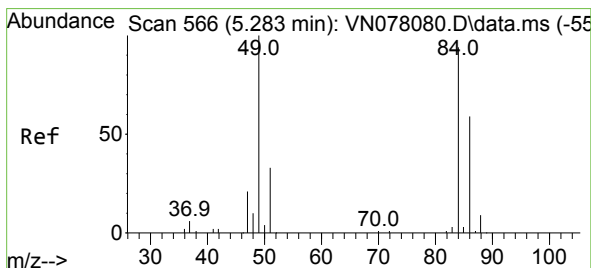
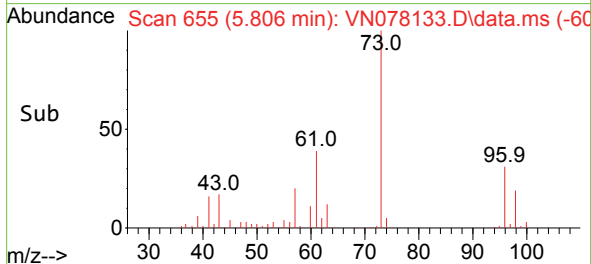
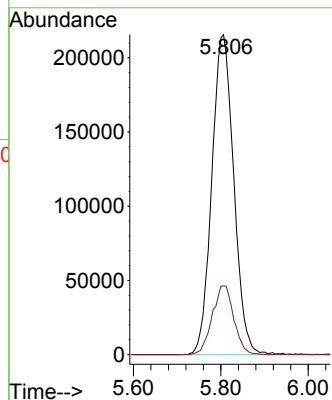
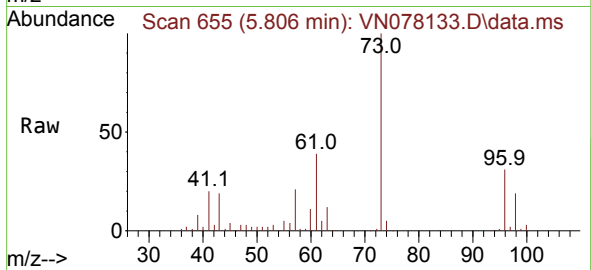




#19
Methyl tert-butyl Ether
Concen: 47.080 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

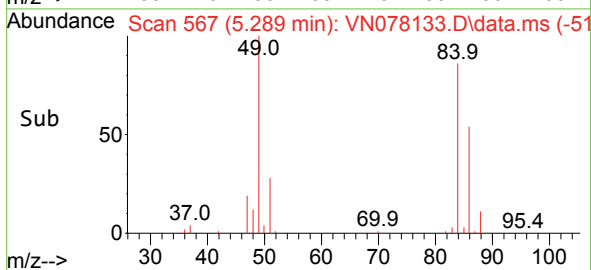
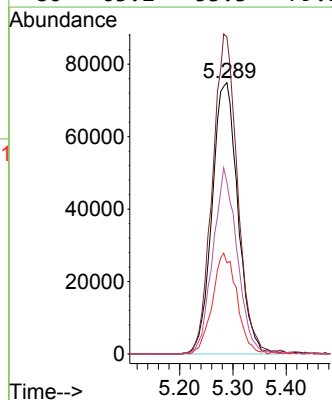
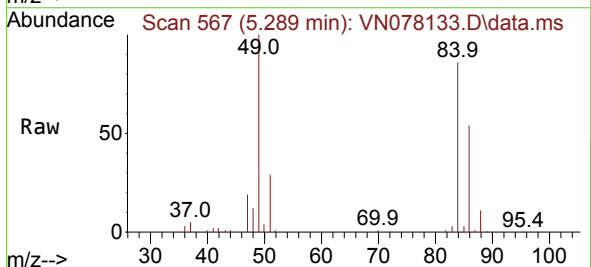
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

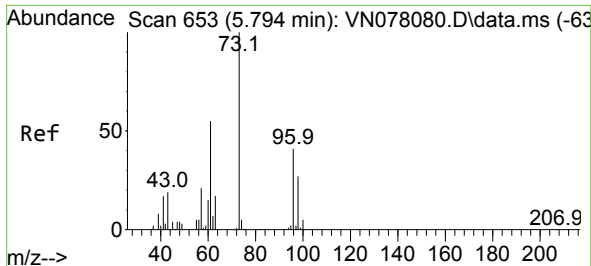
Tgt Ion: 73 Resp: 751170
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4



#20
Methylene Chloride
Concen: 43.333 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 84 Resp: 251660
Ion Ratio Lower Upper
84 100
49 116.7 79.7 119.5
51 33.5 25.2 37.8
86 63.2 53.3 79.9

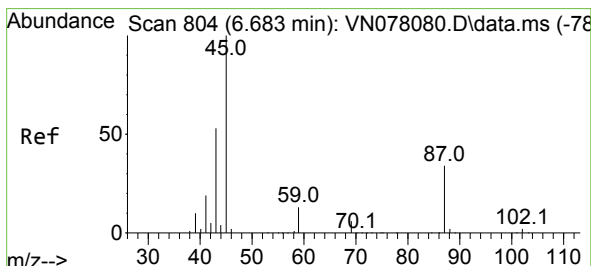
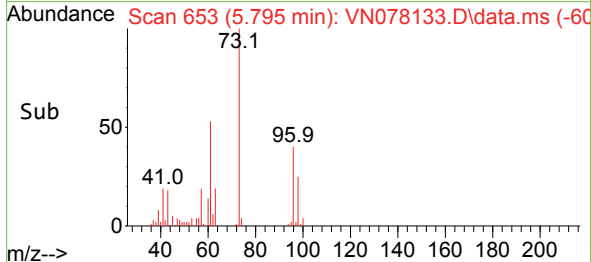
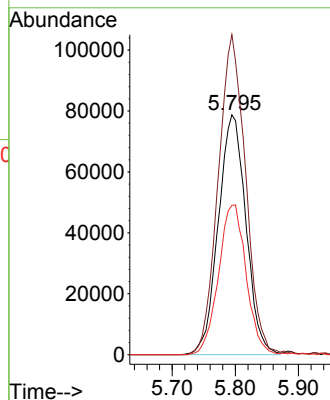
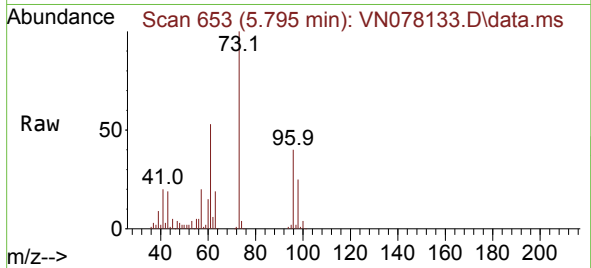




#21
trans-1,2-Dichloroethene
Concen: 44.473 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

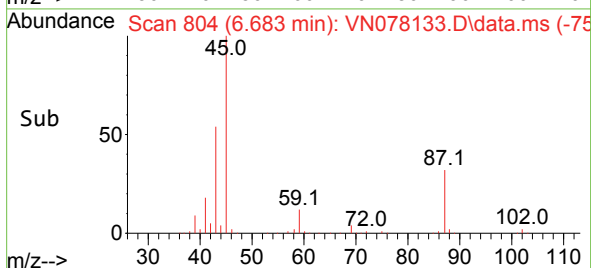
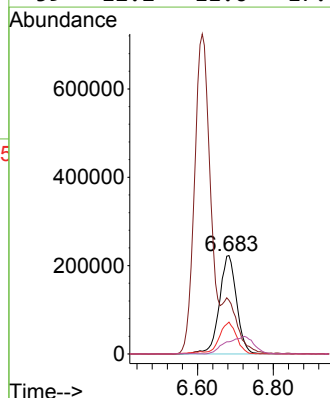
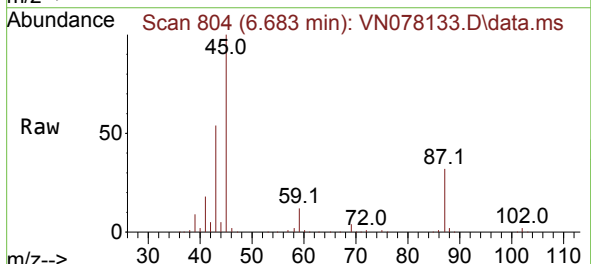
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

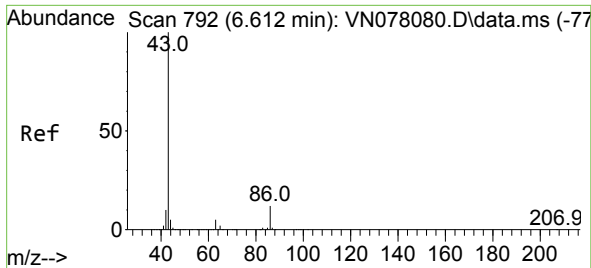
Tgt Ion: 96 Resp: 239868
Ion Ratio Lower Upper
96 100
61 133.4 90.1 135.1
98 62.2 46.4 69.6



#22
Diisopropyl ether
Concen: 49.174 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 45 Resp: 706085
Ion Ratio Lower Upper
45 100
43 53.8 45.5 68.3
87 32.3 31.8 47.8
59 12.2 11.6 17.4

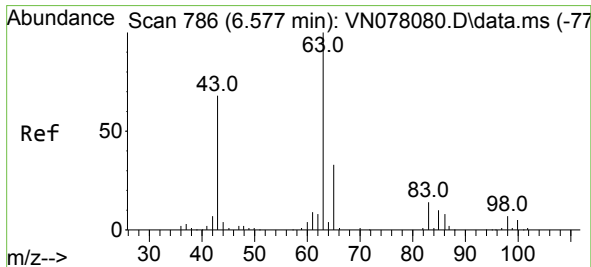
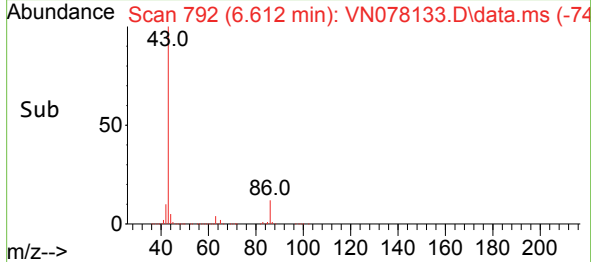
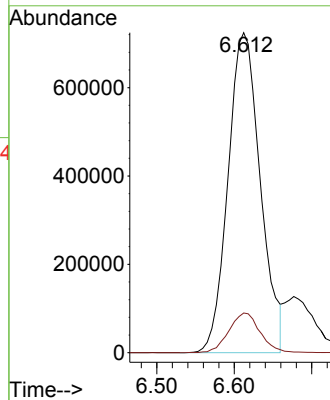
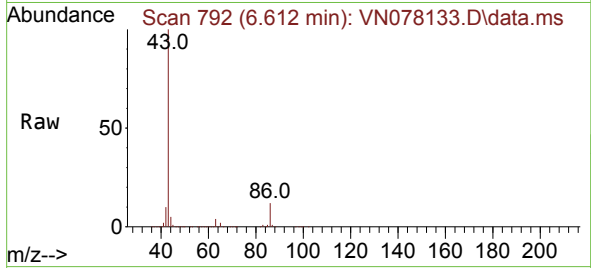




#23
 Vinyl Acetate
 Concen: 246.064 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

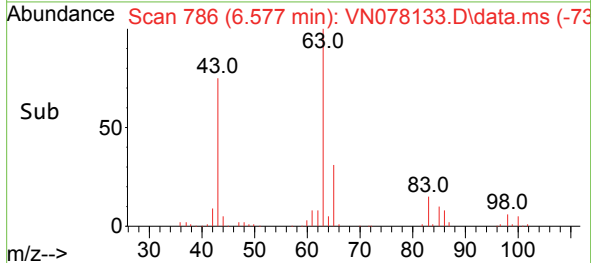
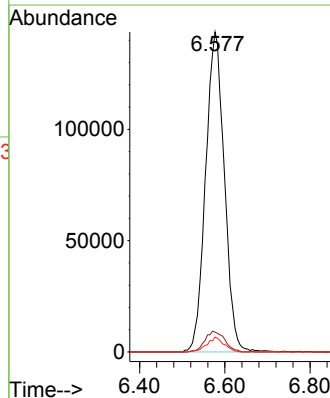
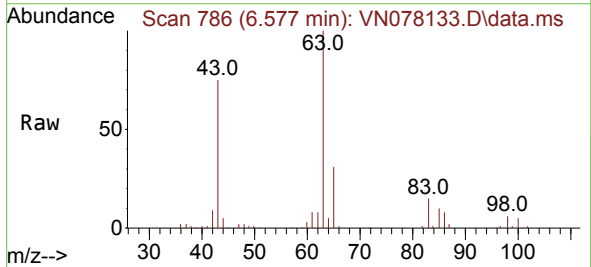
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

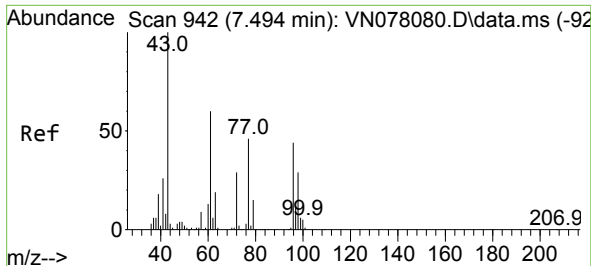
Tgt Ion: 43 Resp: 2100269
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 46.363 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

Tgt Ion: 63 Resp: 439163
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 4.7 2.5 7.4

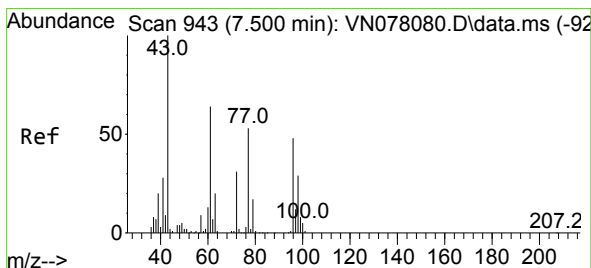
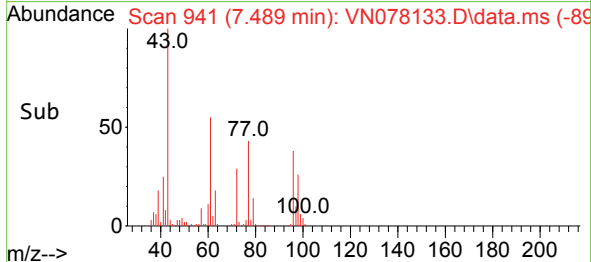
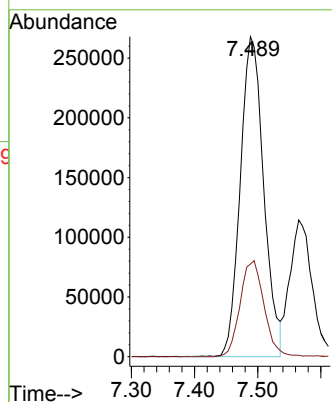
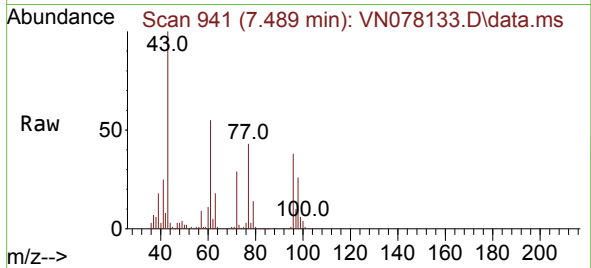




#25
2-Butanone
Concen: 255.990 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

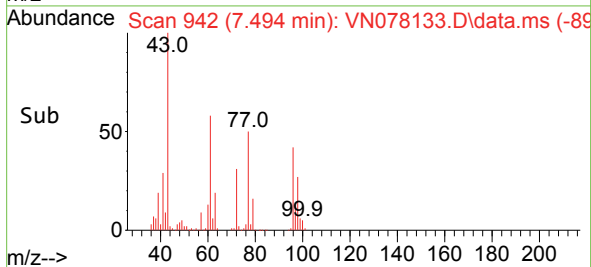
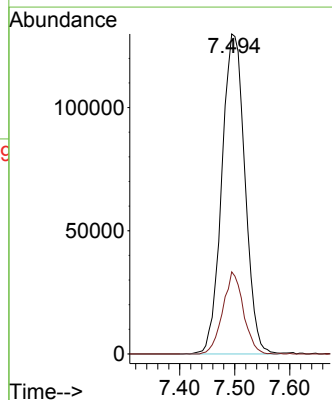
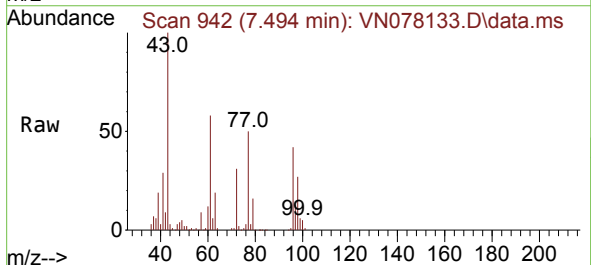
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VSTDCCC050

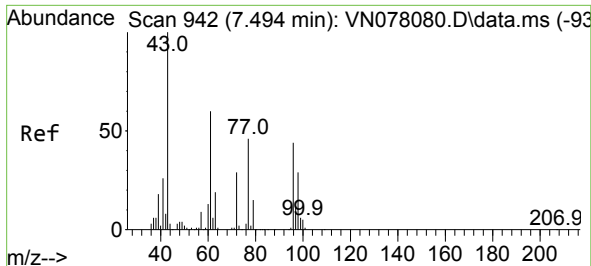
Tgt Ion: 43 Resp: 691830
Ion Ratio Lower Upper
43 100
72 29.0 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 54.239 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 77 Resp: 379344
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6

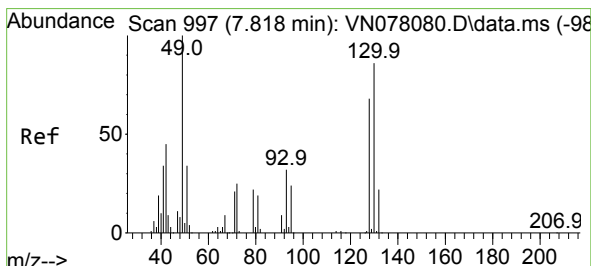
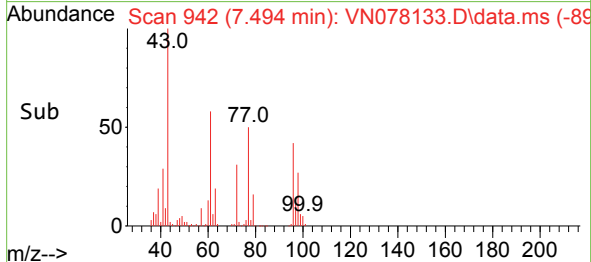
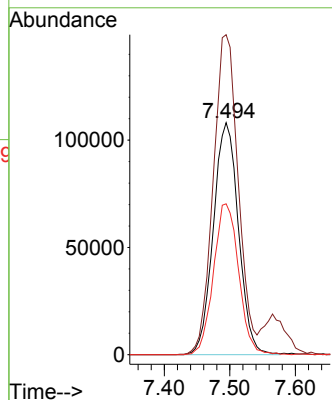
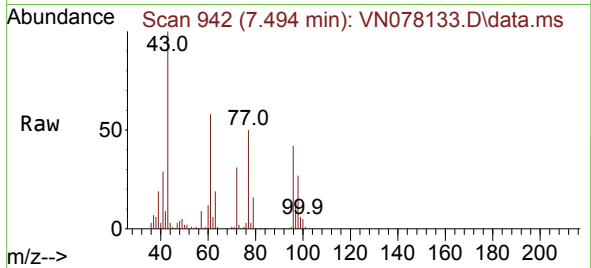




#27
 cis-1,2-Dichloroethene
 Concen: 44.682 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

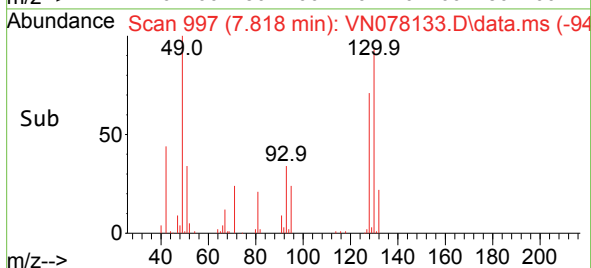
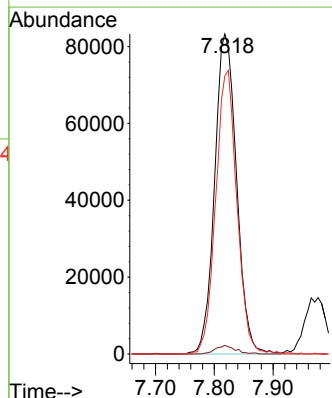
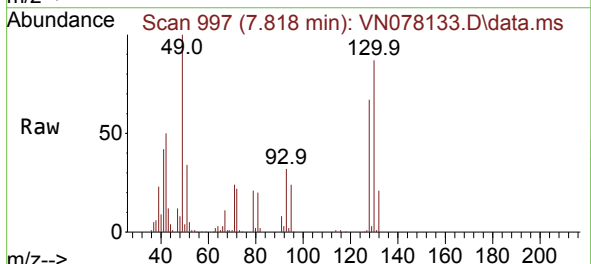
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

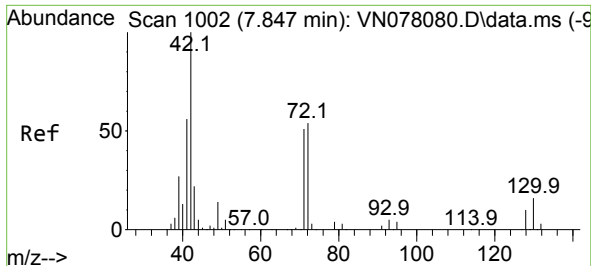
Tgt Ion: 96 Resp: 287464
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 255.2
 98 65.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.612 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

Tgt Ion: 49 Resp: 215766
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 85.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 241.239 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

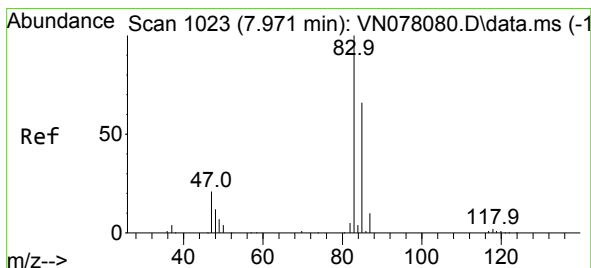
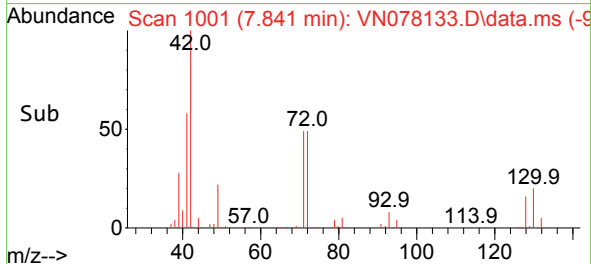
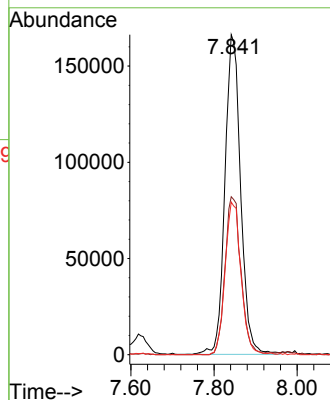
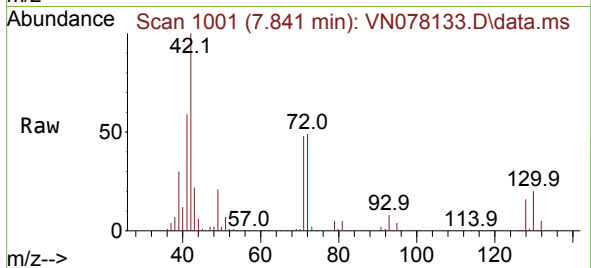
Tgt Ion: 42 Resp: 435842

Ion Ratio Lower Upper

42 100

72 50.0 49.8 74.6

71 48.2 47.4 71.2



#30

Chloroform

Concen: 47.118 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078133.D

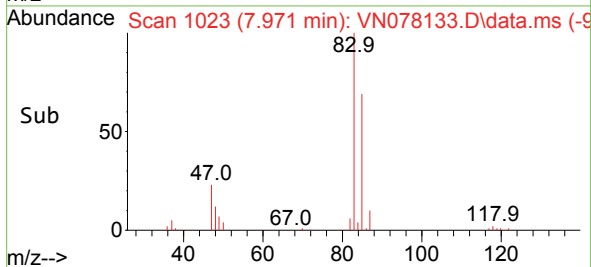
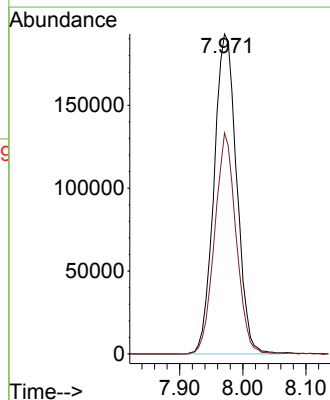
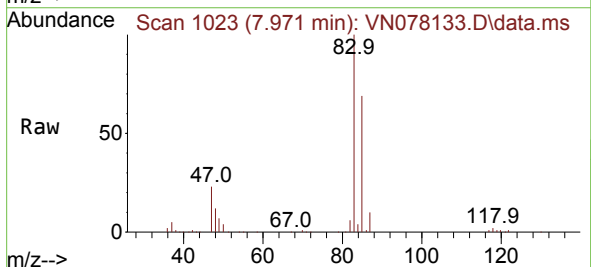
Acq: 09 Jun 2023 09:29

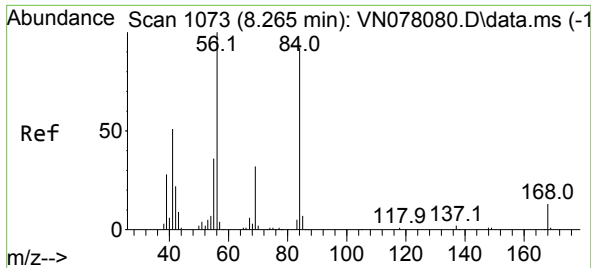
Tgt Ion: 83 Resp: 480591

Ion Ratio Lower Upper

83 100

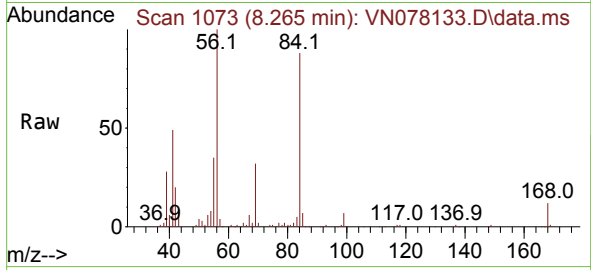
85 69.0 55.4 83.0



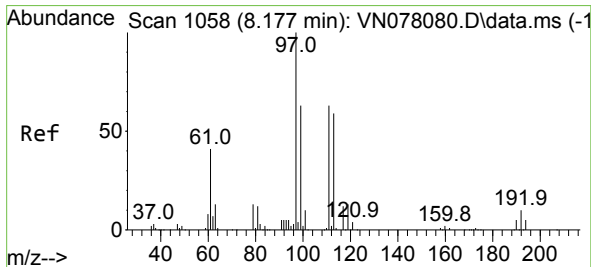
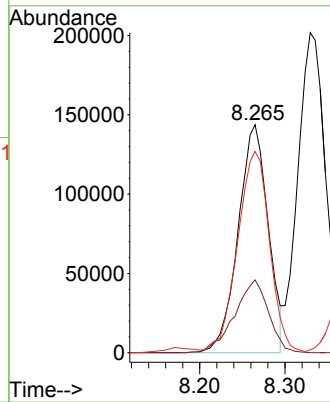
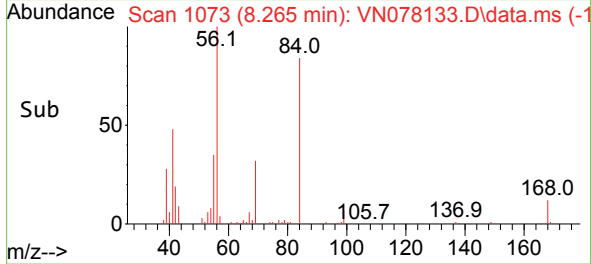


#31
Cyclohexane
Concen: 44.956 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

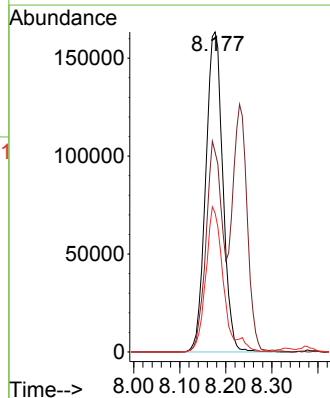
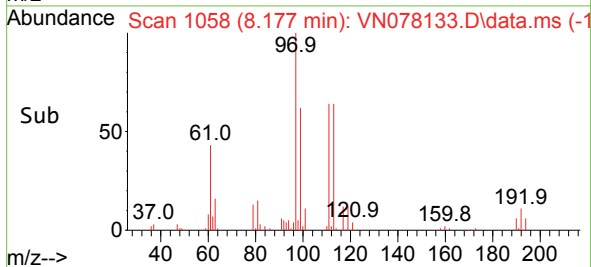
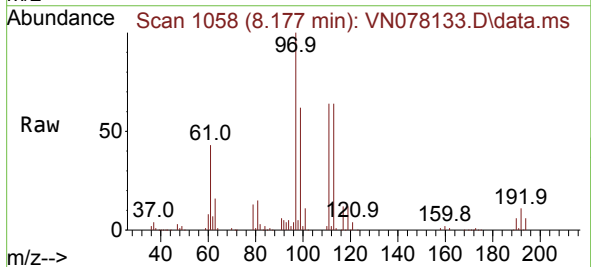


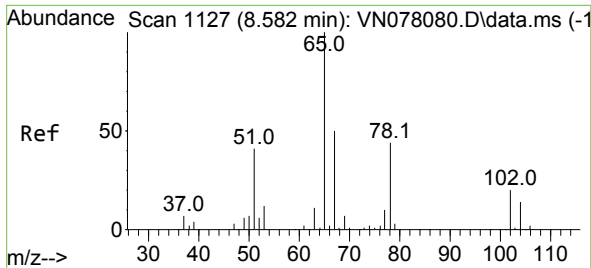
Tgt Ion: 56 Resp: 352106
Ion Ratio Lower Upper
56 100
69 31.9 26.8 40.2
84 86.3 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 47.133 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 97 Resp: 422062
Ion Ratio Lower Upper
97 100
99 62.1 50.3 75.5
61 44.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.471 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

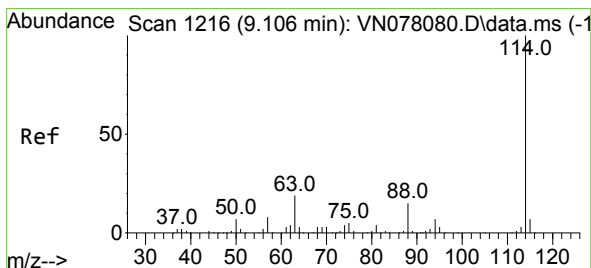
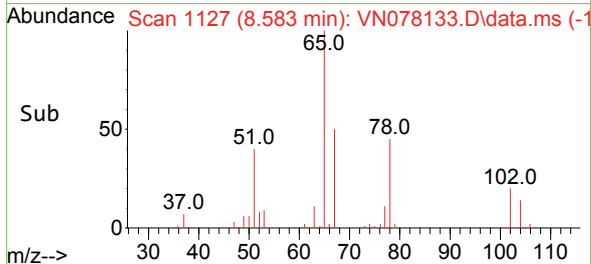
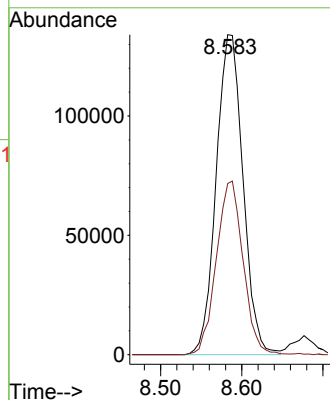
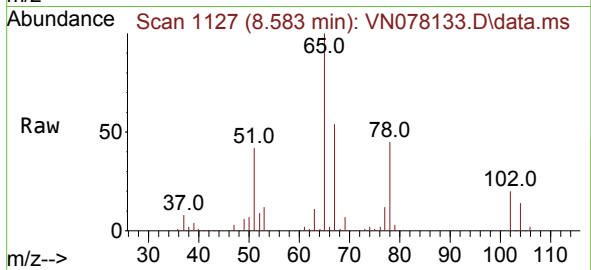
VSTDCCC050

Tgt Ion: 65 Resp: 308161

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

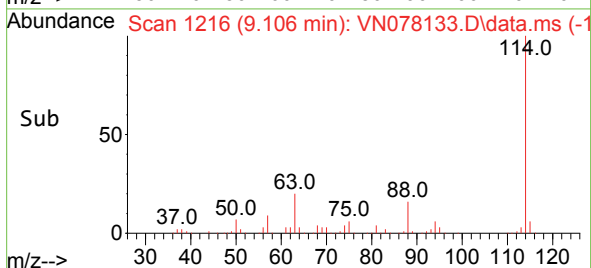
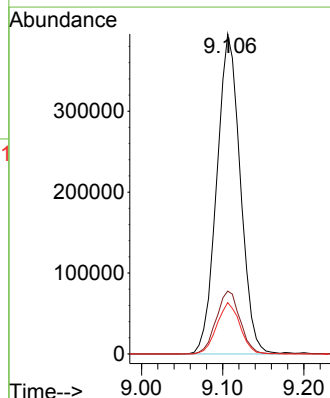
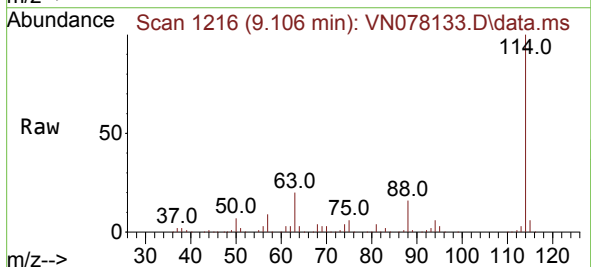
Tgt Ion: 114 Resp: 796579

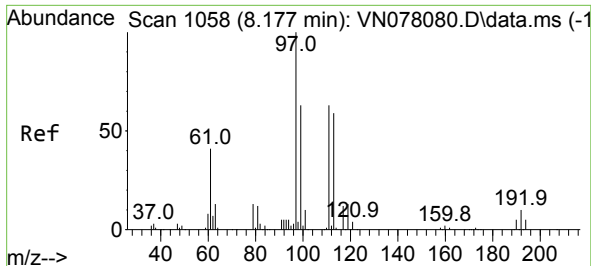
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 16.1 0.0 30.6

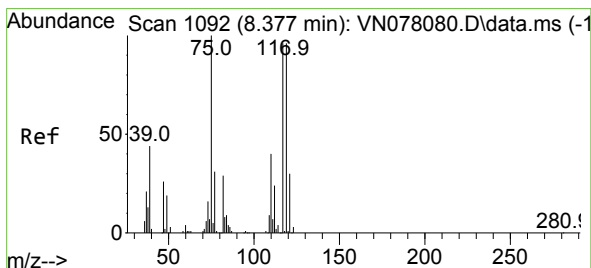
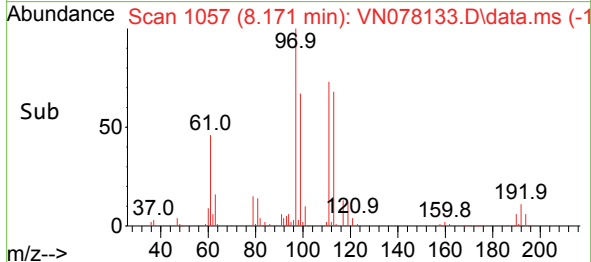
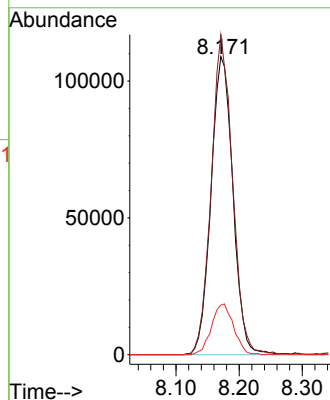
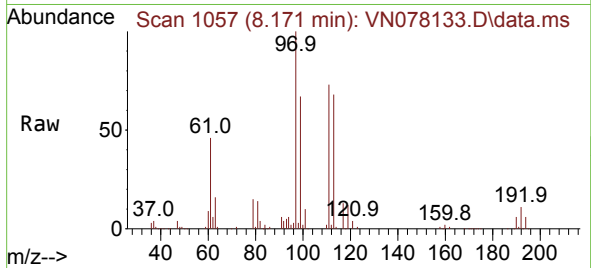




#35
Dibromofluoromethane
Concen: 52.028 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

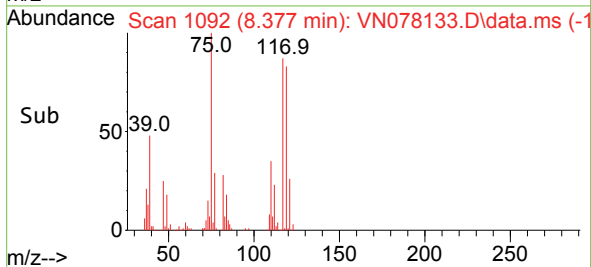
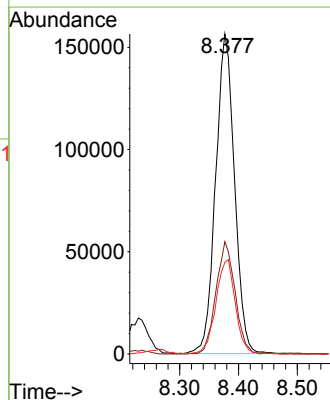
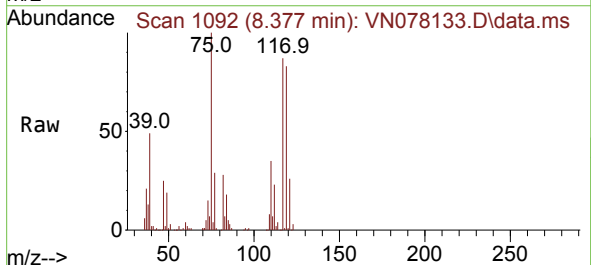
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

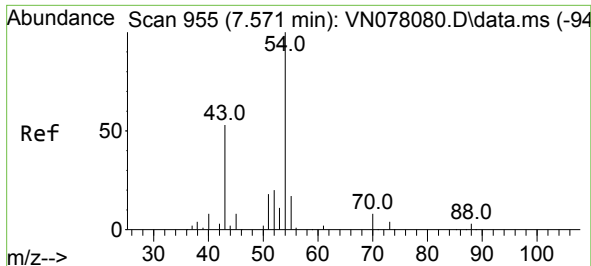
Tgt Ion:113 Resp: 262050
Ion Ratio Lower Upper
113 100
111 104.7 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 48.322 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 75 Resp: 349103
Ion Ratio Lower Upper
75 100
110 35.6 19.1 57.3
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 50.372 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

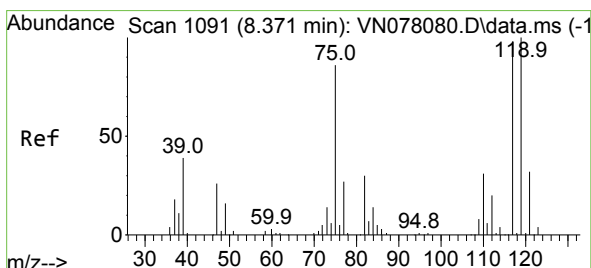
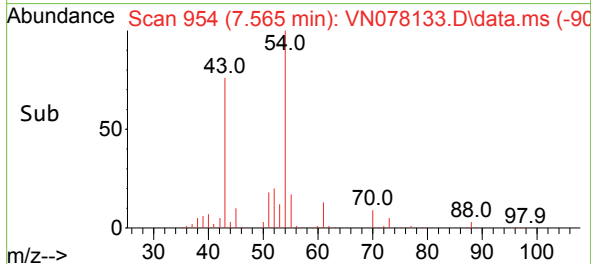
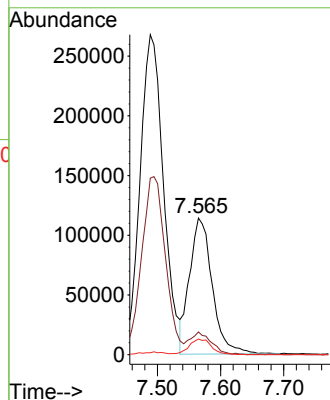
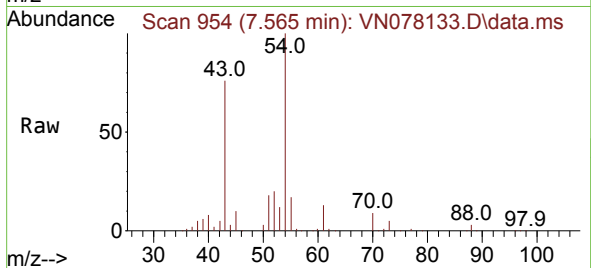
Tgt Ion: 43 Resp: 284288

Ion Ratio Lower Upper

43 100

61 16.0 13.2 19.8

70 11.3 11.3 16.9



#38

Carbon Tetrachloride

Concen: 49.580 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

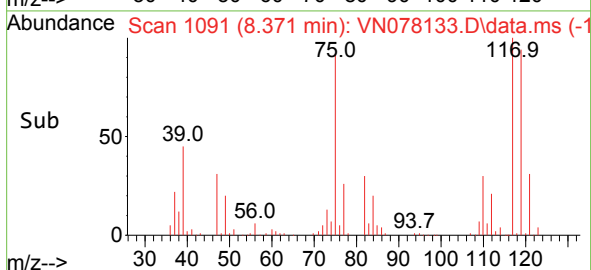
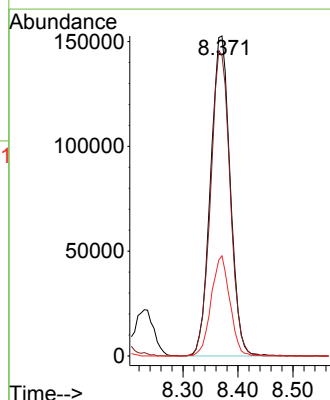
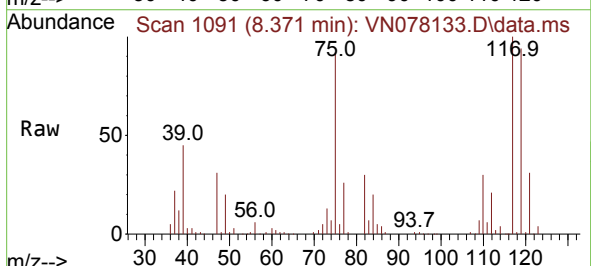
Tgt Ion: 117 Resp: 378213

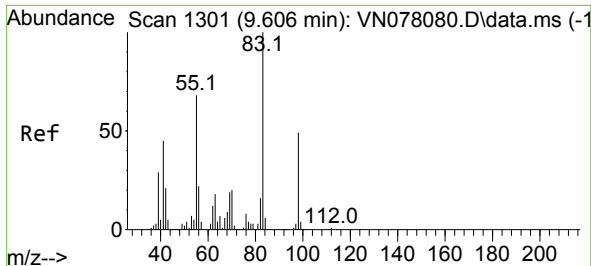
Ion Ratio Lower Upper

117 100

119 94.0 77.3 115.9

121 31.3 23.3 34.9





#39

Methylcyclohexane

Concen: 48.303 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

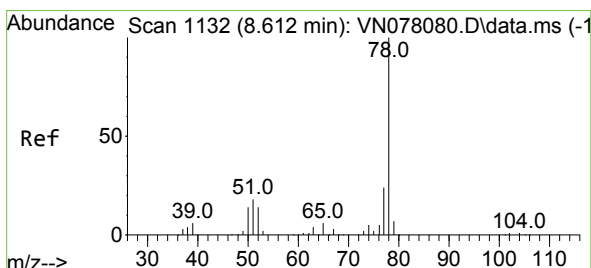
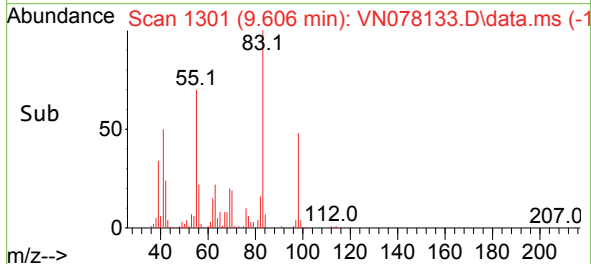
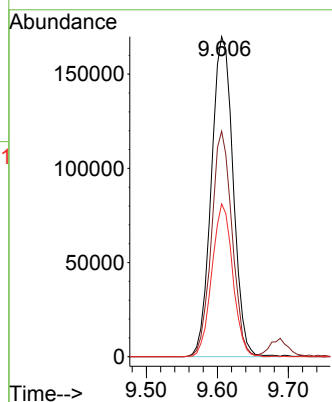
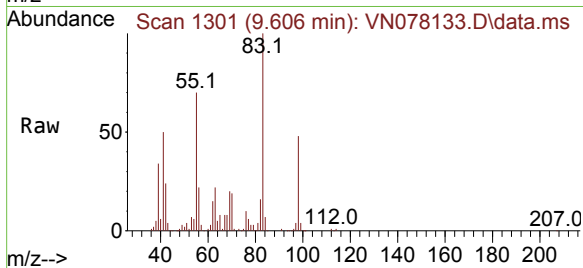
Tgt Ion: 83 Resp: 361646

Ion Ratio Lower Upper

83 100

55 70.5 49.1 73.7

98 47.8 40.6 61.0



#40

Benzene

Concen: 47.936 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078133.D

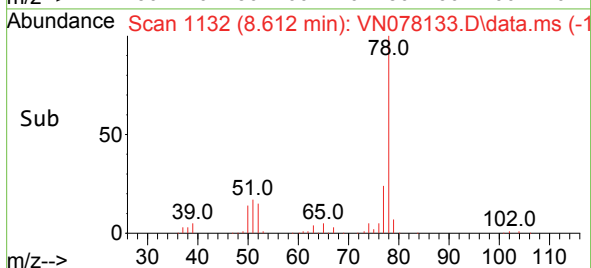
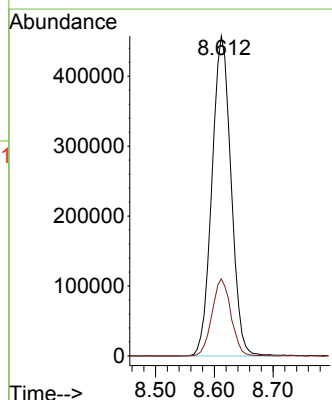
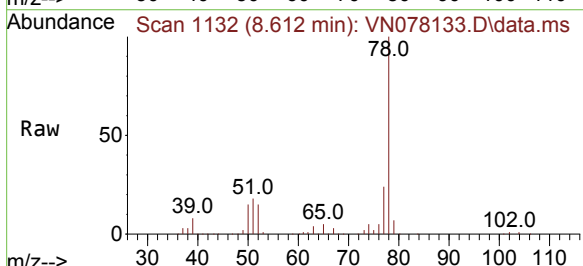
Acq: 09 Jun 2023 09:29

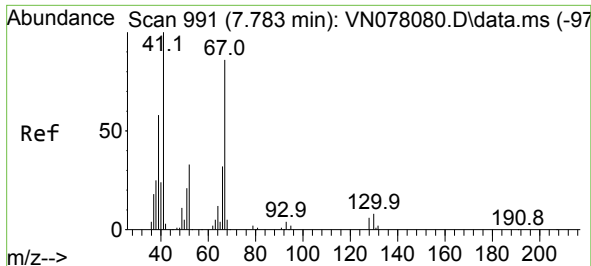
Tgt Ion: 78 Resp: 1033900

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

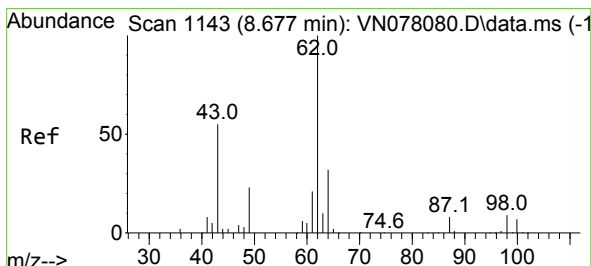
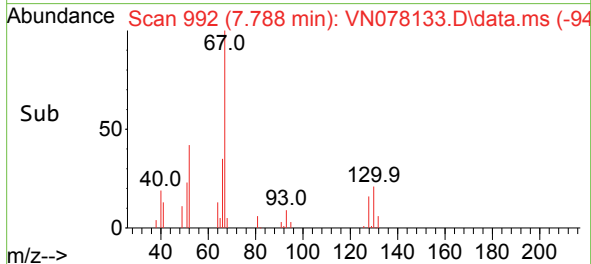
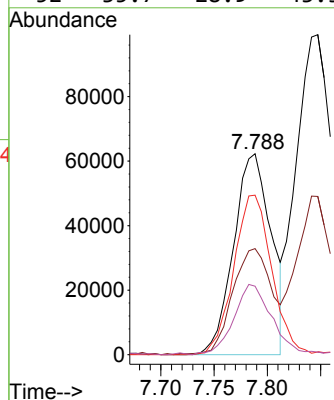
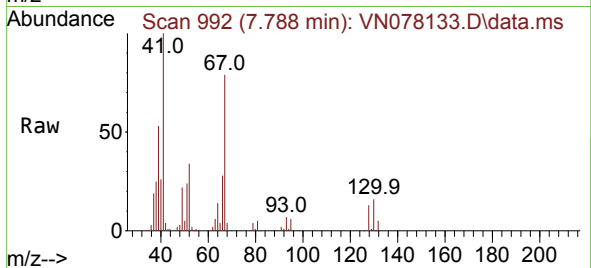




#41
Methacrylonitrile
Concen: 49.829 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

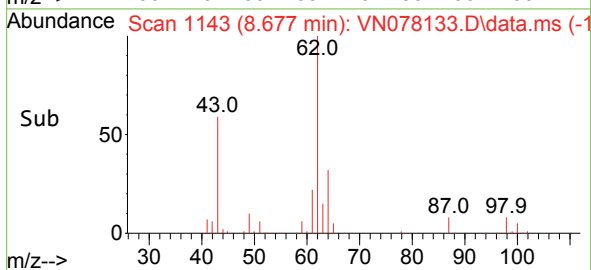
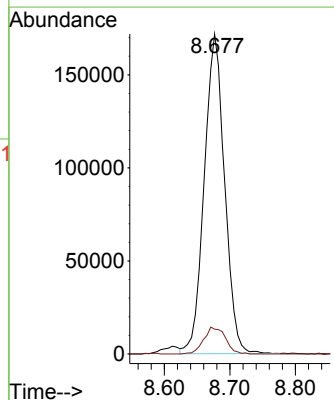
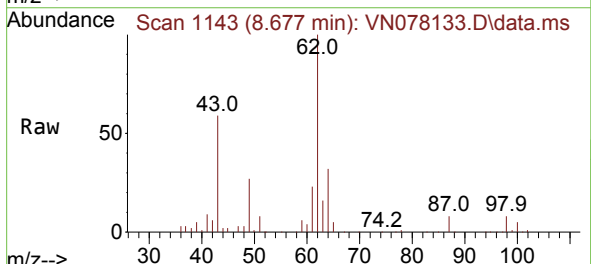
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

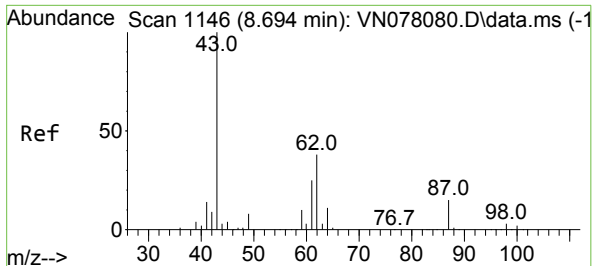
Tgt Ion:	41	Resp:	152432
Ion	Ratio	Lower	Upper
41	100		
39	55.4	42.6	64.0
67	80.7	77.5	116.3
52	35.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 50.106 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion:	62	Resp:	370540
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

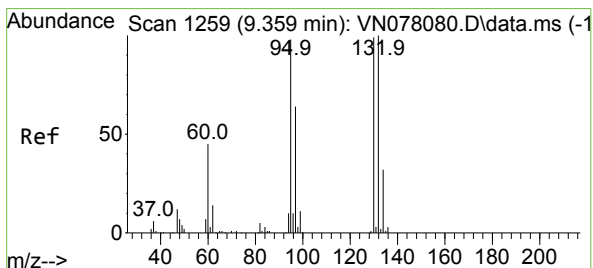
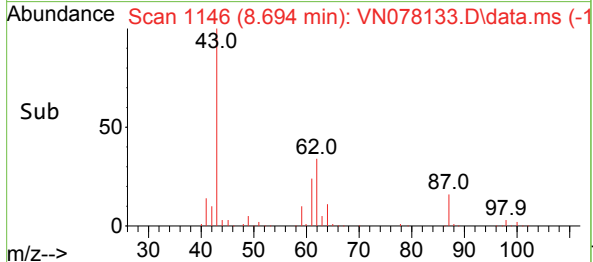
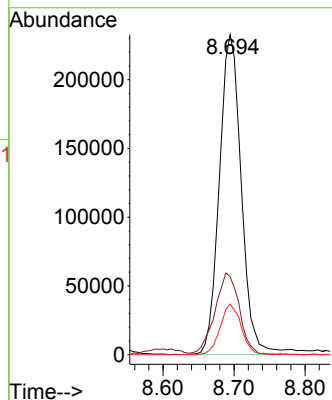
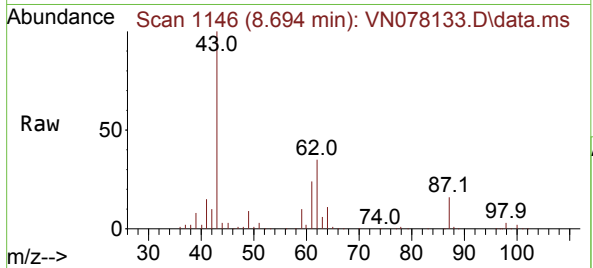




#43
Isopropyl Acetate
Concen: 46.042 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

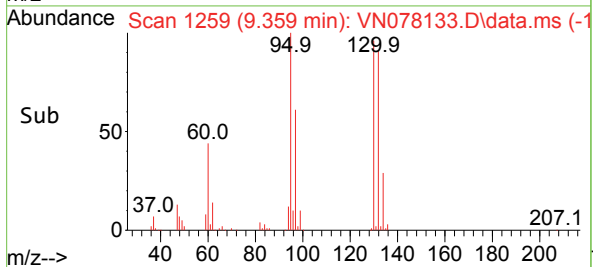
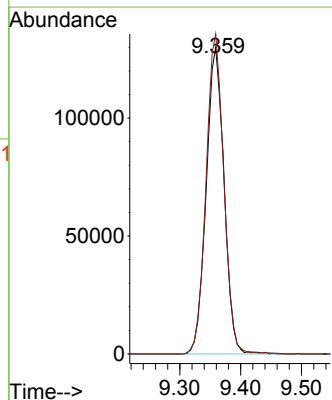
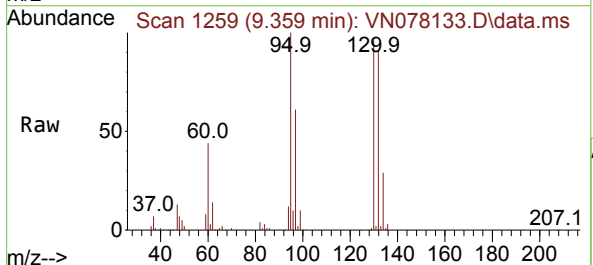
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

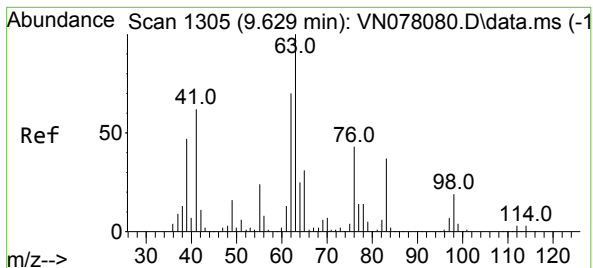
Tgt Ion: 43 Resp: 496953
Ion Ratio Lower Upper
43 100
61 28.3 24.7 37.1
87 15.2 14.6 21.8



#44
Trichloroethene
Concen: 46.488 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion:130 Resp: 264794
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.650 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

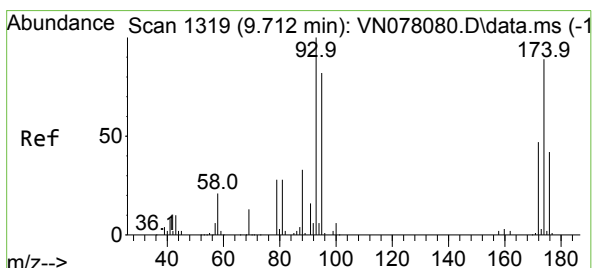
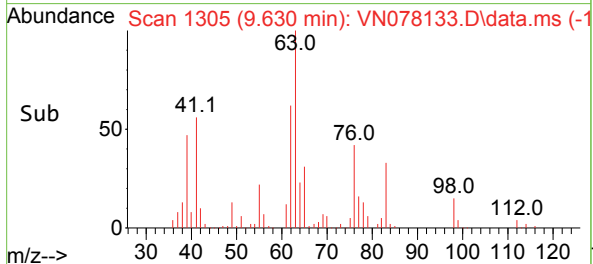
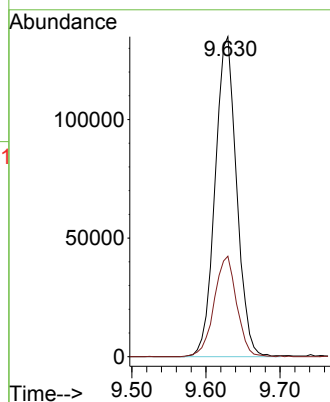
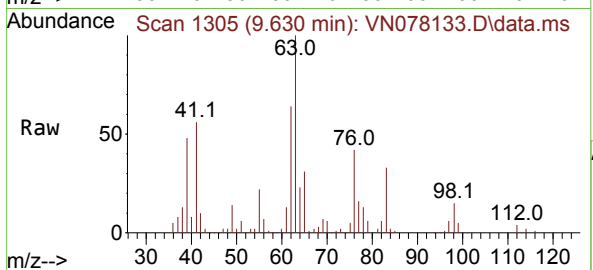
VSTDCCC050

Tgt Ion: 63 Resp: 271799

Ion Ratio Lower Upper

63 100

65 31.4 23.9 35.9



#46

Dibromomethane

Concen: 48.523 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

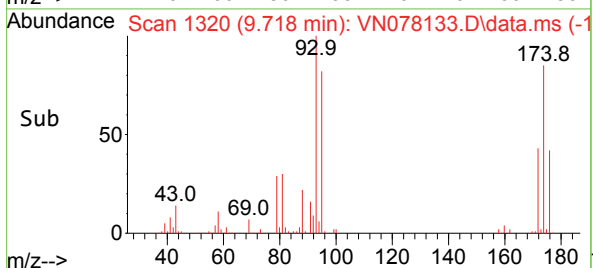
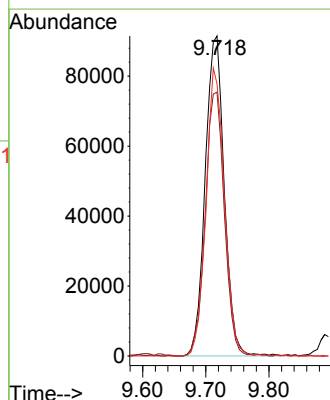
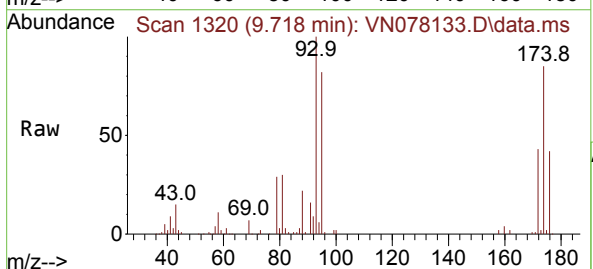
Tgt Ion: 93 Resp: 191791

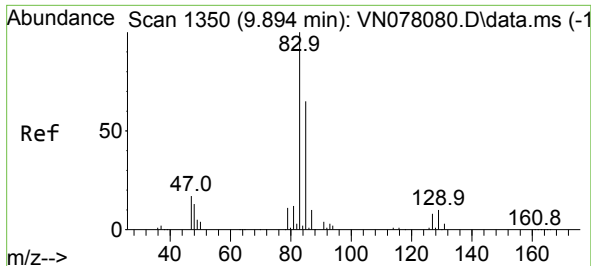
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

174 86.9 65.6 98.4

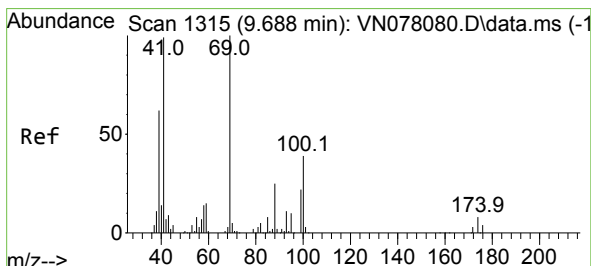
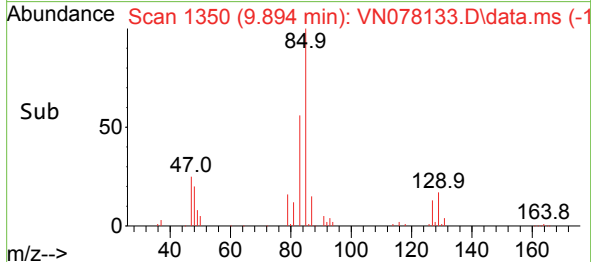
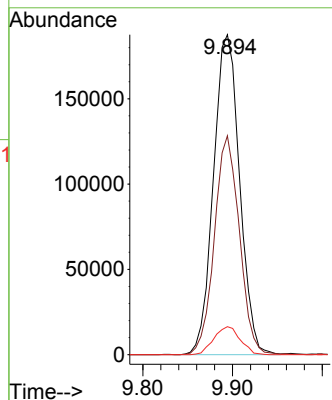
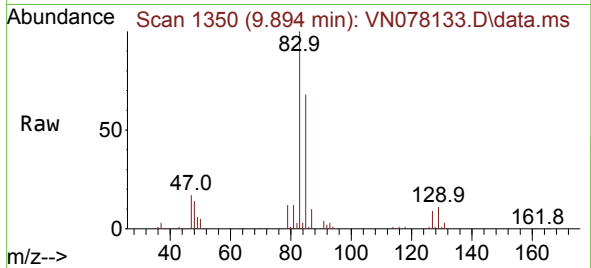




#47
Bromodichloromethane
Concen: 51.699 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

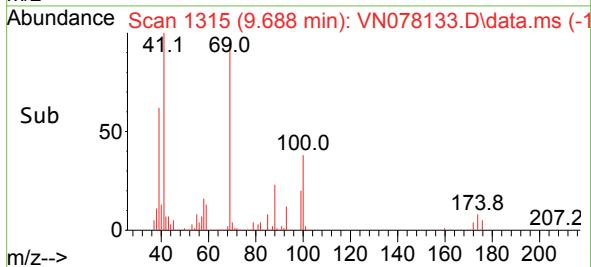
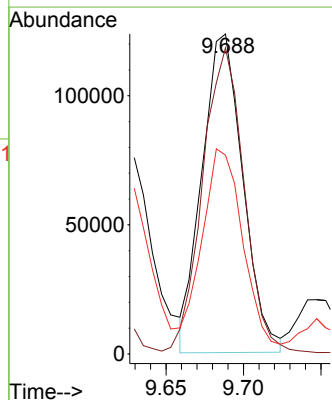
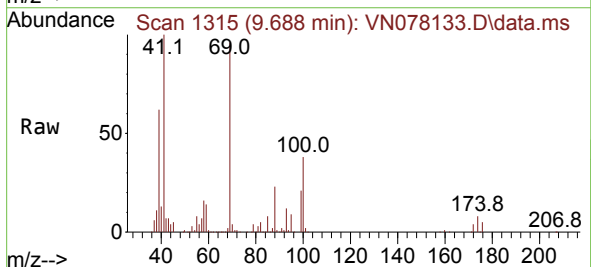
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

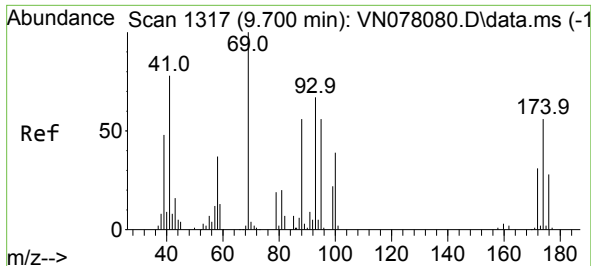
Tgt Ion: 83 Resp: 379571
Ion Ratio Lower Upper
83 100
85 68.4 49.6 74.4
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 50.006 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 41 Resp: 226504
Ion Ratio Lower Upper
41 100
69 98.0 90.4 135.6
39 66.3 54.6 81.8

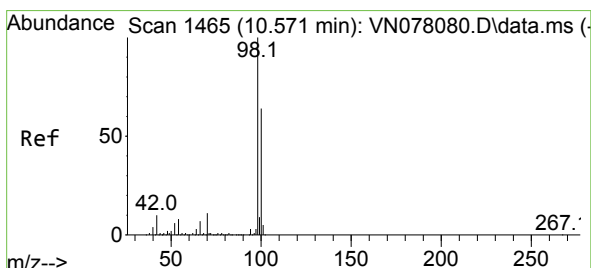
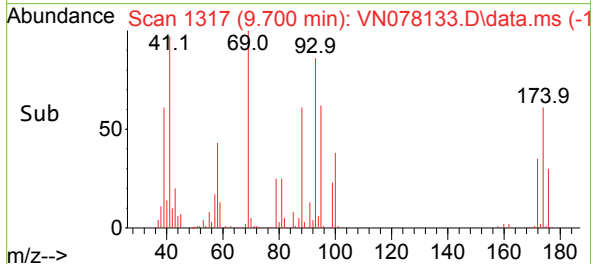
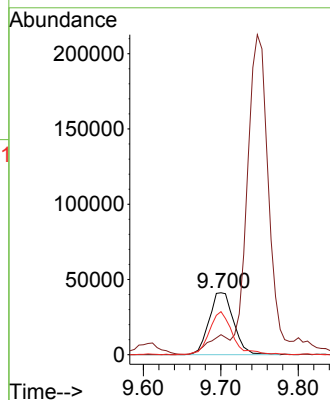
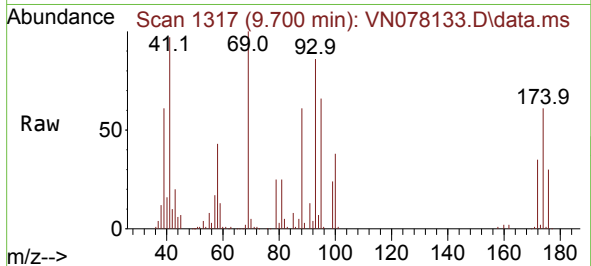




#49
1,4-Dioxane
Concen: 955.336 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

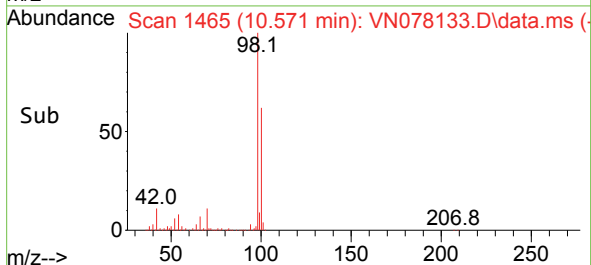
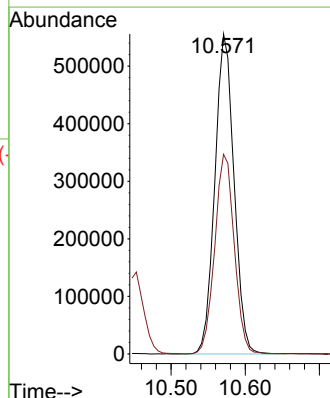
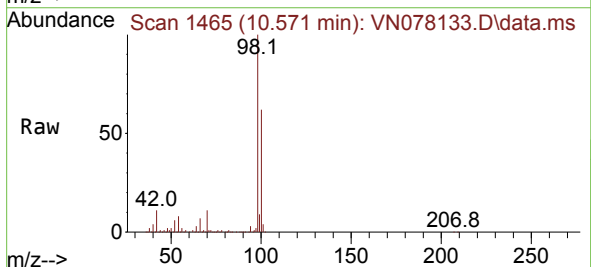
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

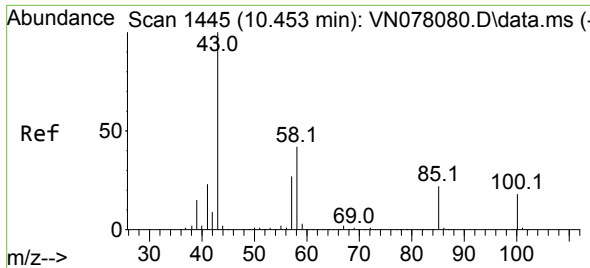
Tgt Ion: 88 Resp: 90949
Ion Ratio Lower Upper
88 100
43 27.0 17.0 25.6#
58 65.6 47.0 70.4



#50
Toluene-d8
Concen: 51.399 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 98 Resp: 998012
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

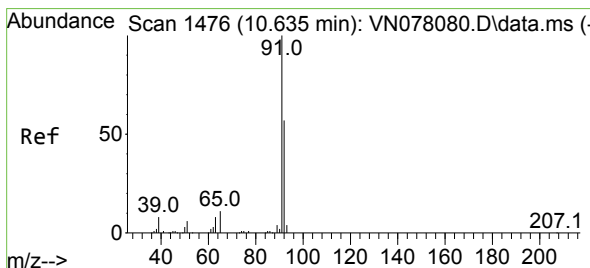
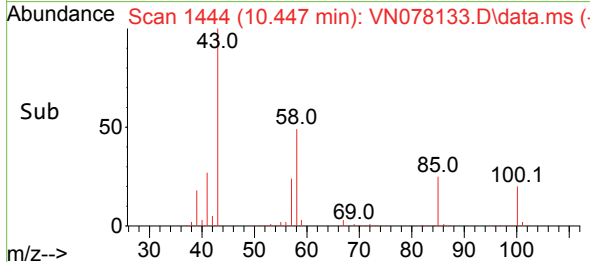
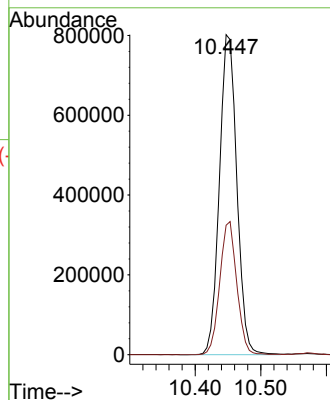
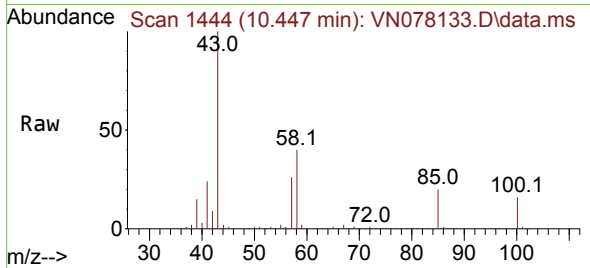




#51
4-Methyl-2-Pentanone
Concen: 259.446 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

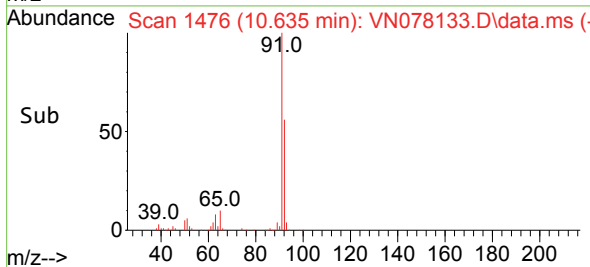
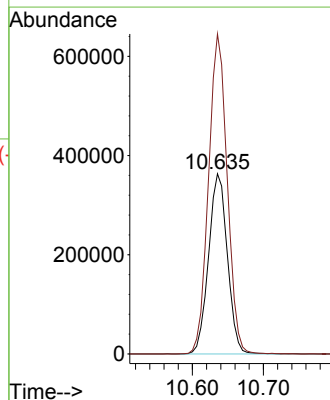
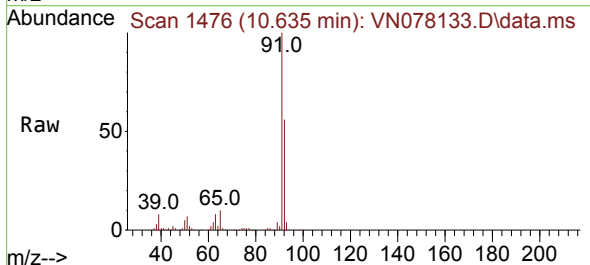
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

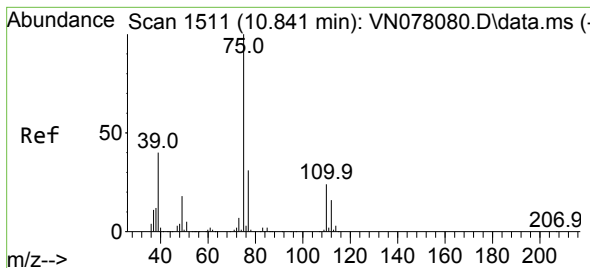
Tgt Ion: 43 Resp: 1474617
Ion Ratio Lower Upper
43 100
58 40.6 36.6 54.8



#52
Toluene
Concen: 49.075 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 92 Resp: 668282
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 52.567 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

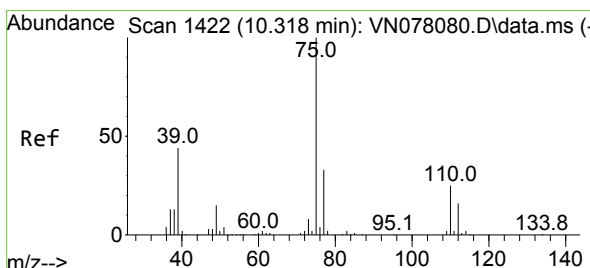
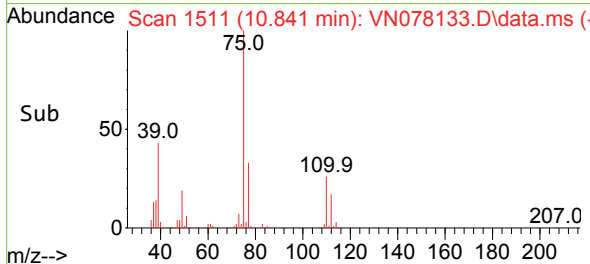
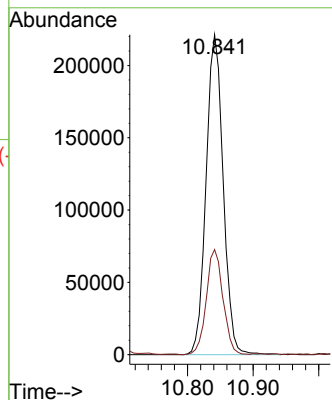
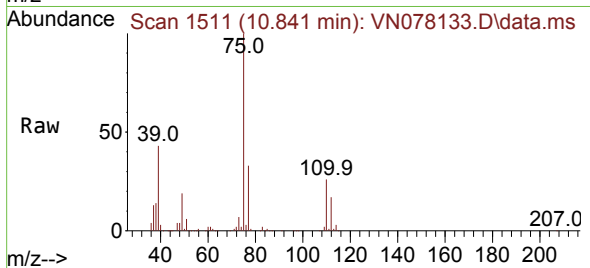
VSTDCCC050

Tgt Ion: 75 Resp: 401939

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.943 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

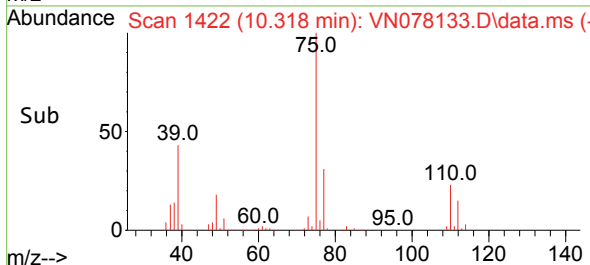
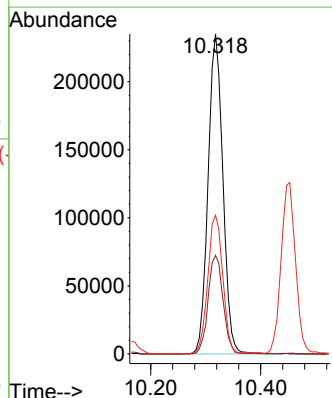
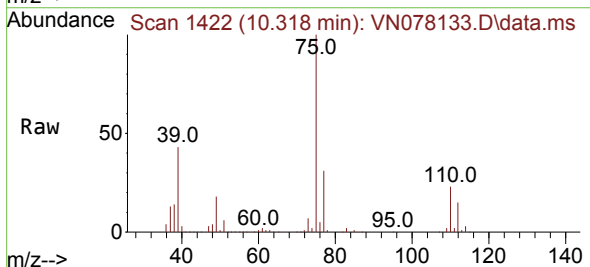
Tgt Ion: 75 Resp: 439041

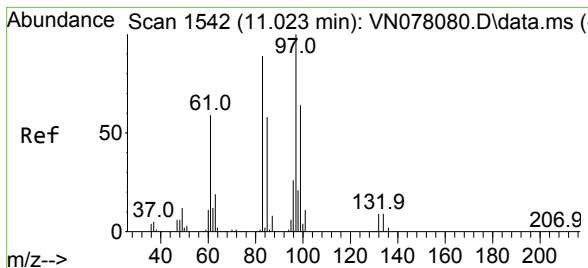
Ion Ratio Lower Upper

75 100

77 30.8 26.1 39.1

39 43.4 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 50.907 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 262239

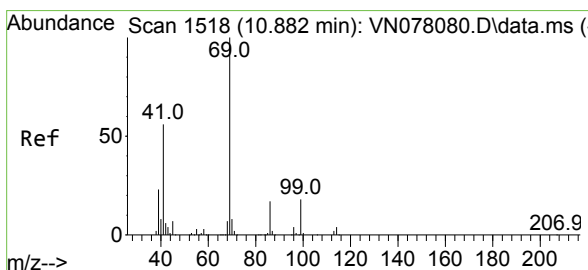
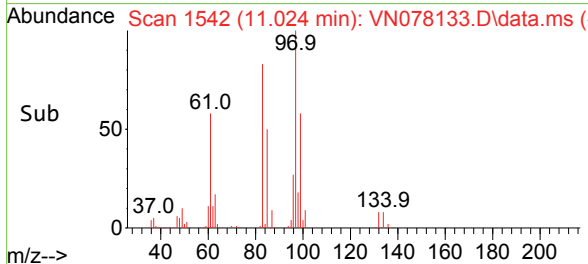
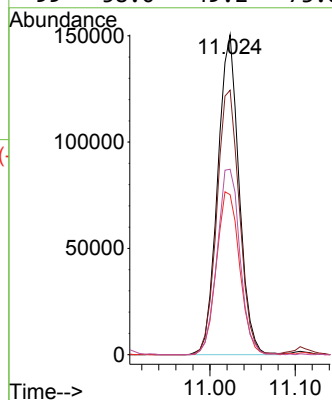
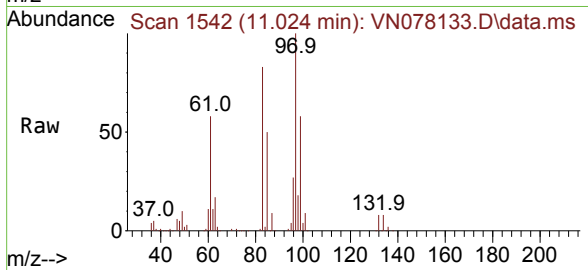
Ion Ratio Lower Upper

97 100

83 82.7 65.1 97.7

85 50.0 43.4 65.2

99 58.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 51.993 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

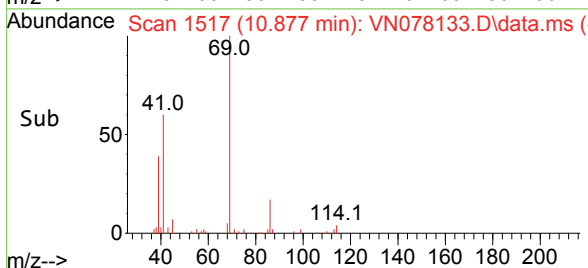
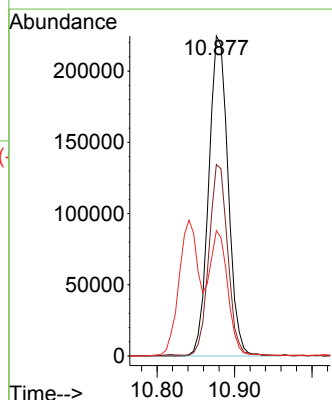
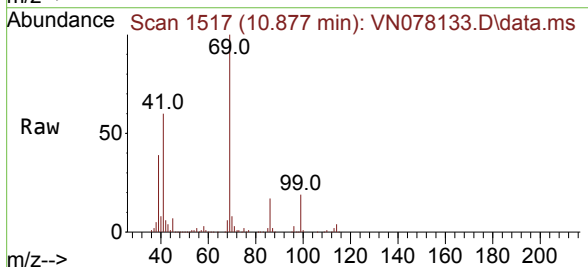
Tgt Ion: 69 Resp: 389991

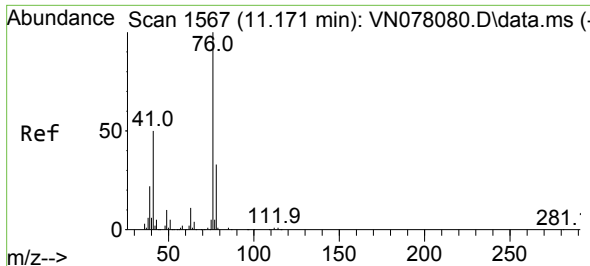
Ion Ratio Lower Upper

69 100

41 57.8 39.6 59.4

39 37.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 50.132 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

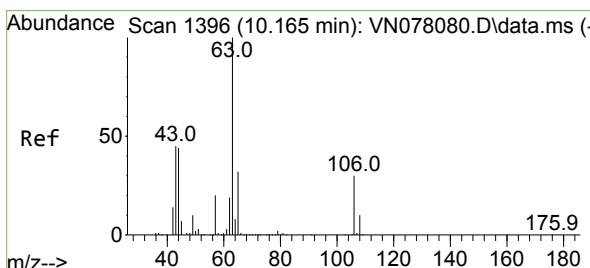
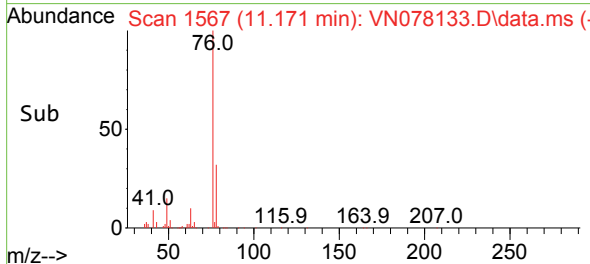
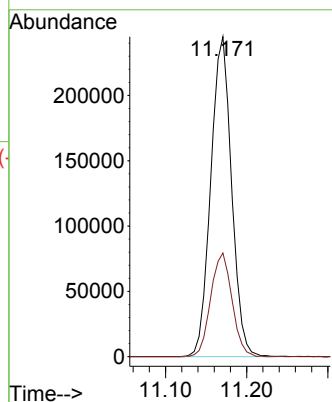
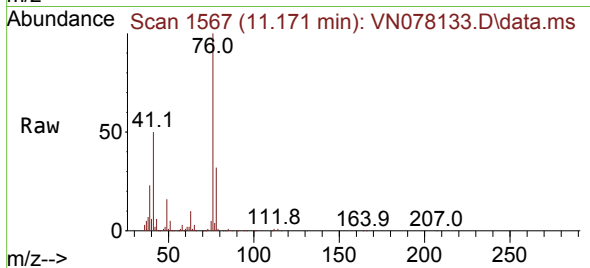
VSTDCCC050

Tgt Ion: 76 Resp: 435911

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 266.290 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078133.D

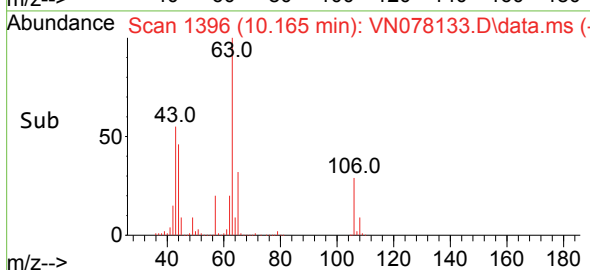
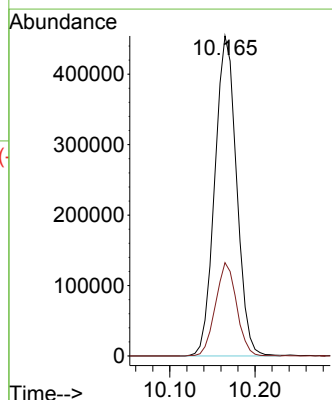
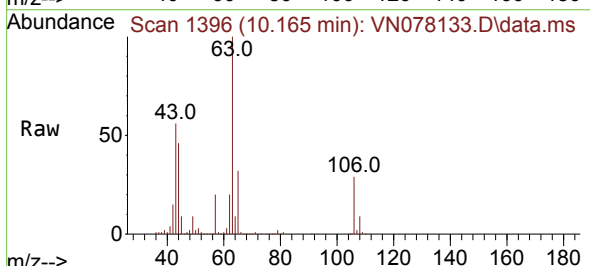
Acq: 09 Jun 2023 09:29

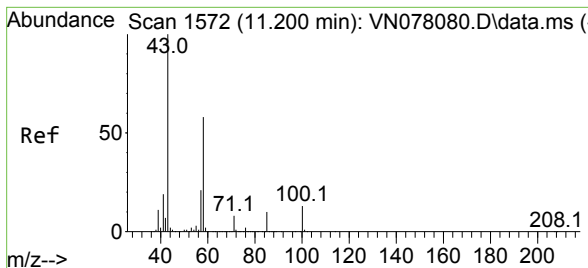
Tgt Ion: 63 Resp: 806884

Ion Ratio Lower Upper

63 100

106 28.3 26.2 39.4

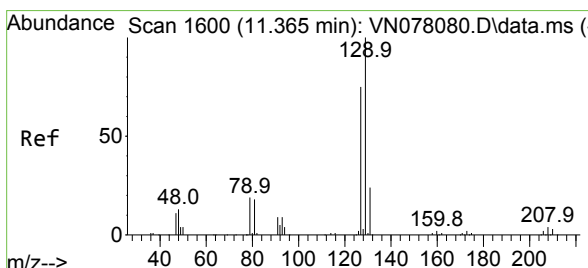
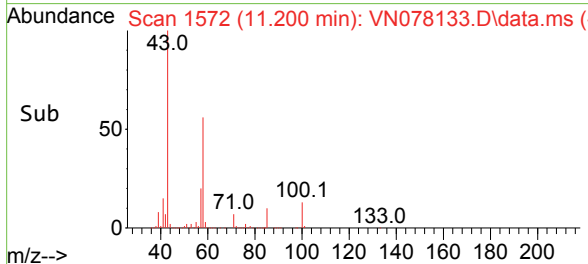
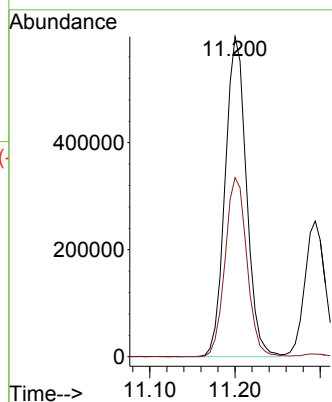
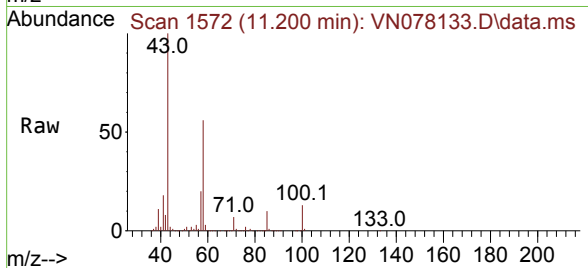




#59
2-Hexanone
Concen: 262.366 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

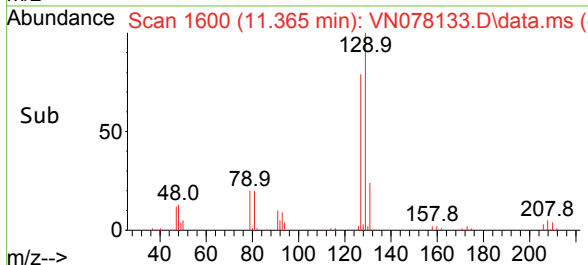
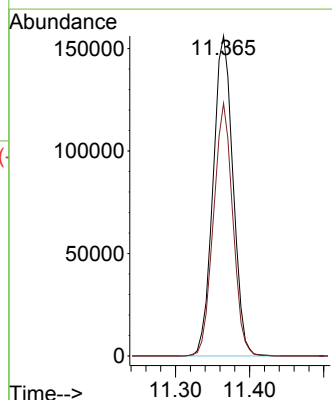
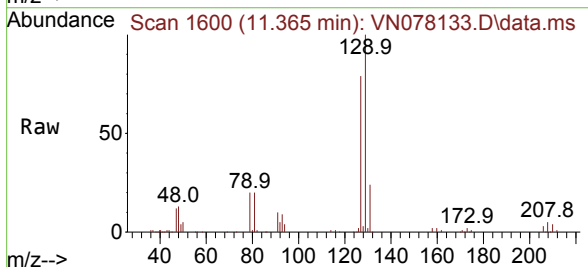
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

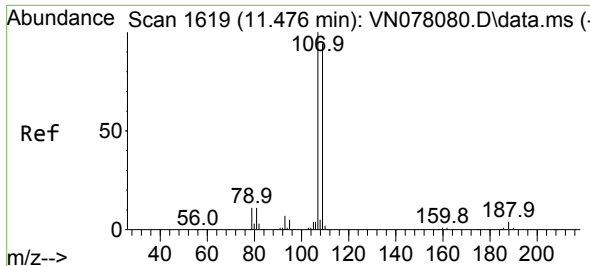
Tgt Ion: 43 Resp: 1038319
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1



#60
Dibromochloromethane
Concen: 51.724 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion:129 Resp: 291564
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0

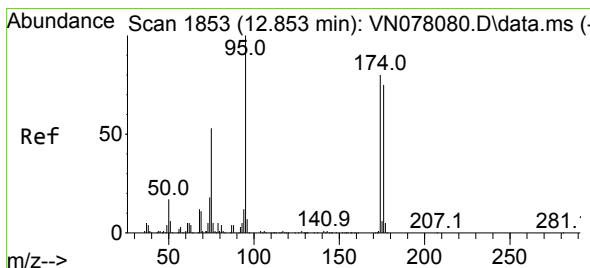
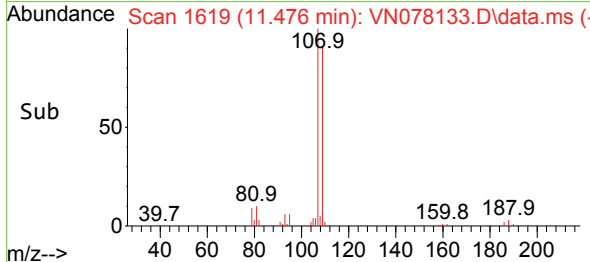
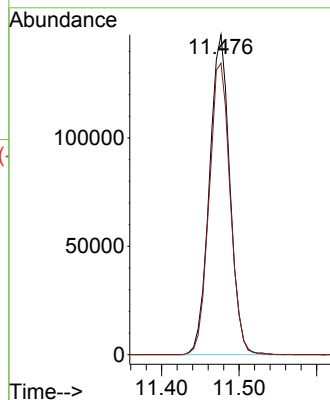
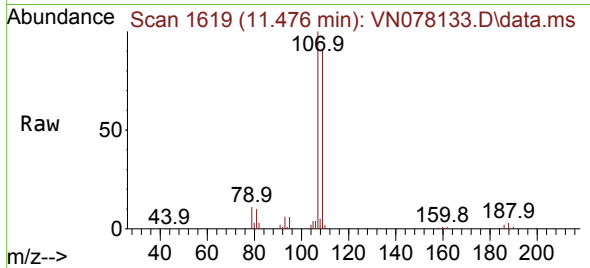




#61
1,2-Dibromoethane
Concen: 50.050 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

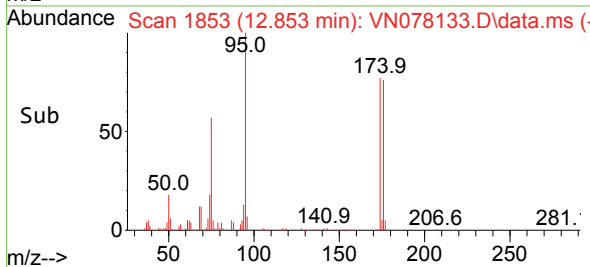
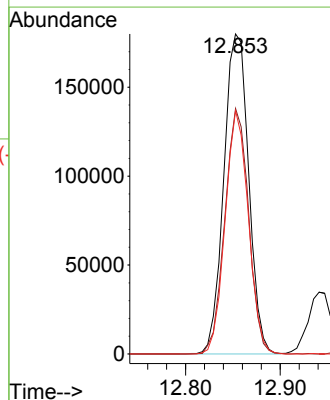
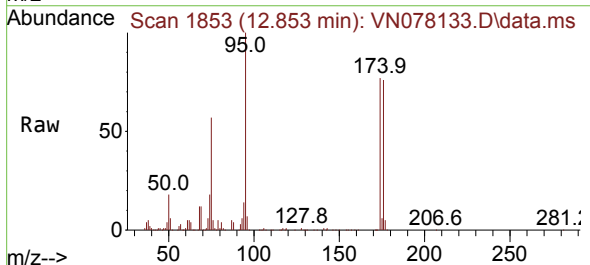
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

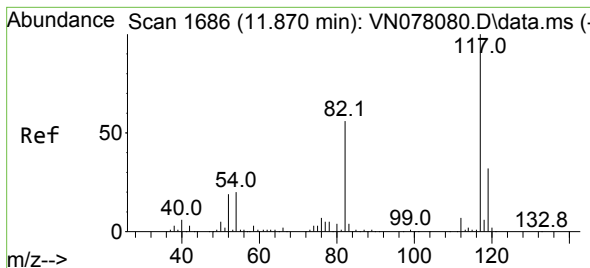
Tgt Ion:107 Resp: 270572
Ion Ratio Lower Upper
107 100
109 93.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.361 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 95 Resp: 328133
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 71.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

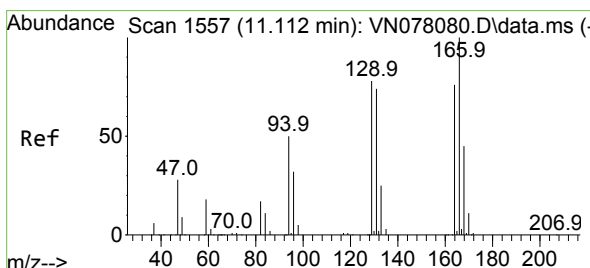
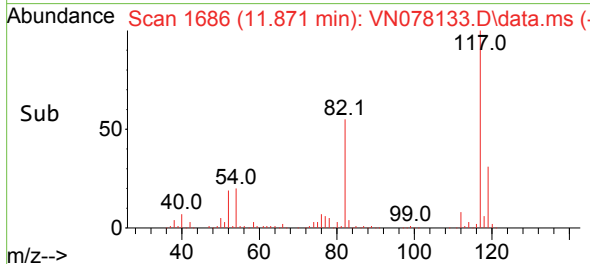
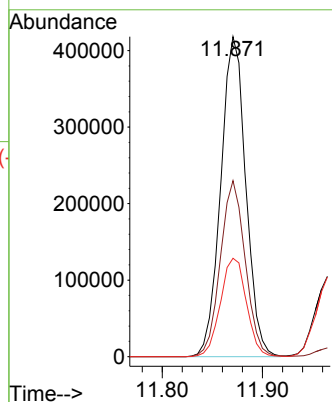
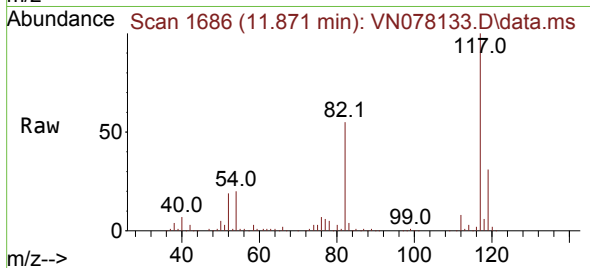
Tgt Ion:117 Resp: 725111

Ion Ratio Lower Upper

117 100

82 55.0 44.0 66.0

119 30.8 25.6 38.4



#64

Tetrachloroethene

Concen: 46.295 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Tgt Ion:164 Resp: 223948

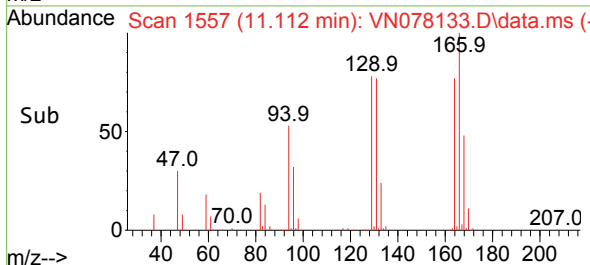
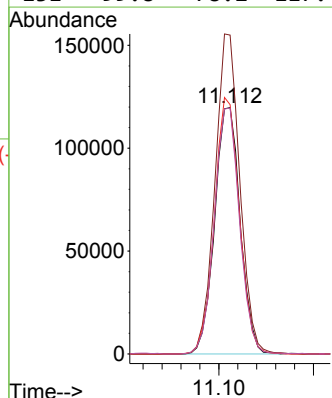
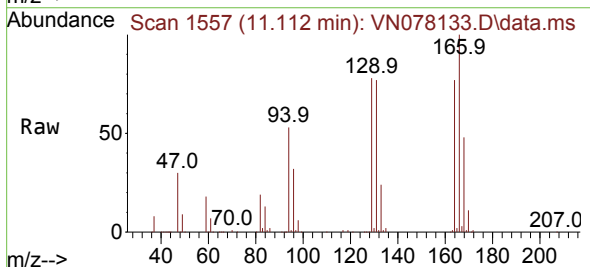
Ion Ratio Lower Upper

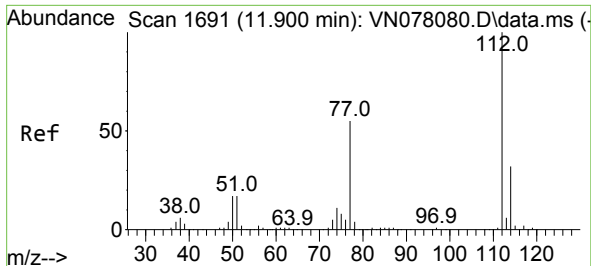
164 100

166 129.4 101.4 152.0

129 101.2 82.4 123.6

131 99.8 78.2 117.4

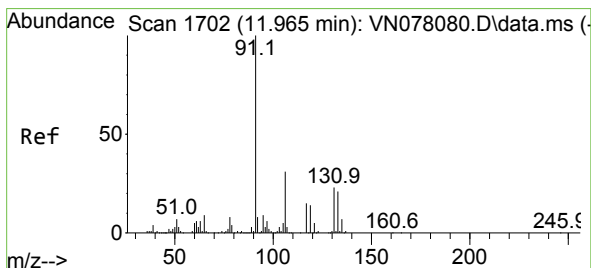
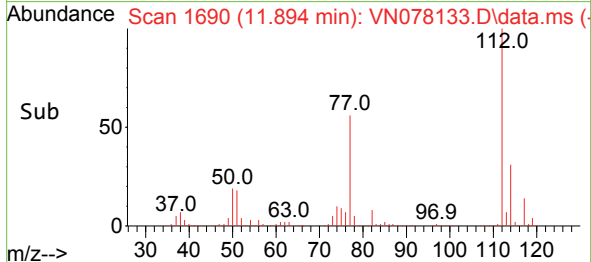
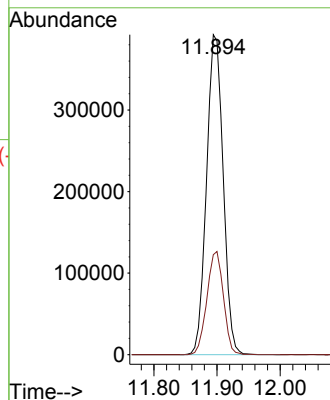
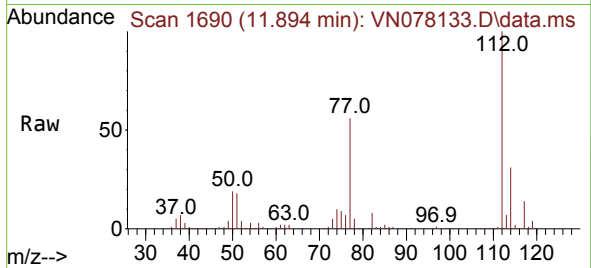




#65
Chlorobenzene
Concen: 46.188 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

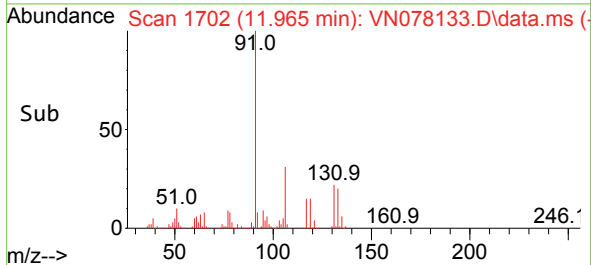
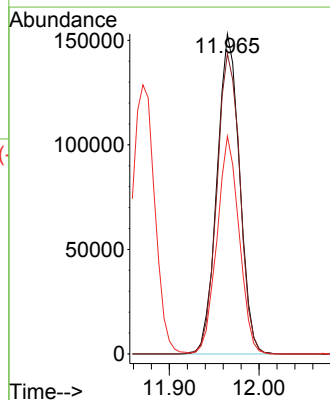
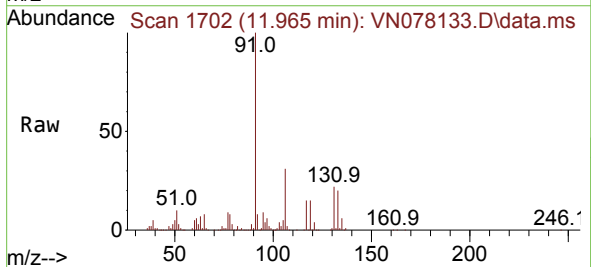
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

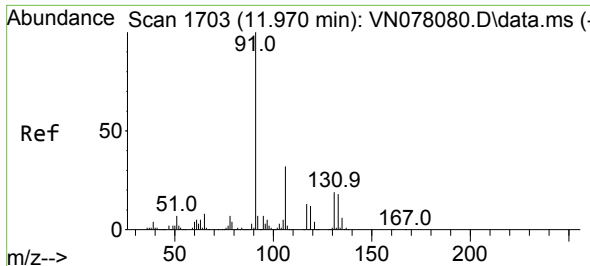
Tgt Ion:112 Resp: 717239
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 46.878 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion:131 Resp: 267739
Ion Ratio Lower Upper
131 100
133 96.0 46.4 139.1
119 66.7 34.1 102.2

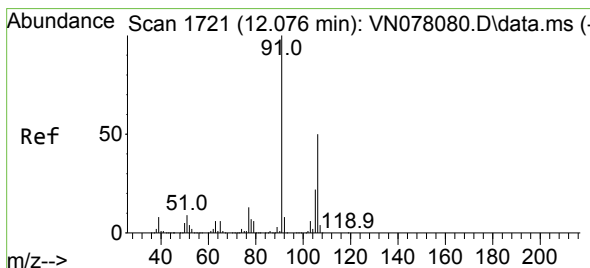
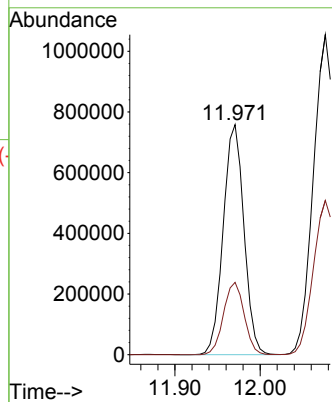
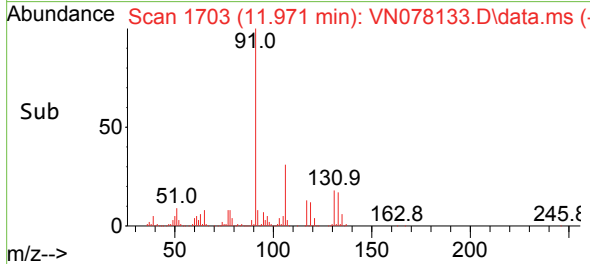
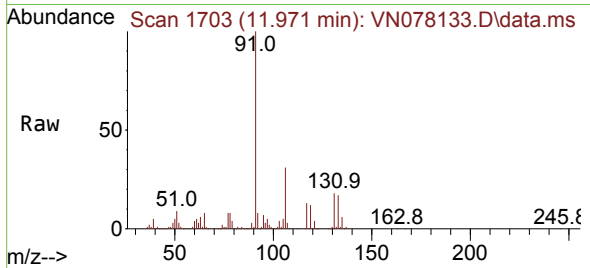




#67
Ethyl Benzene
Concen: 47.794 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

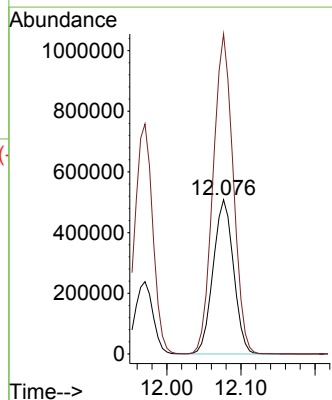
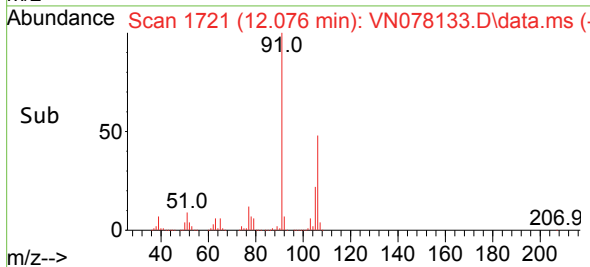
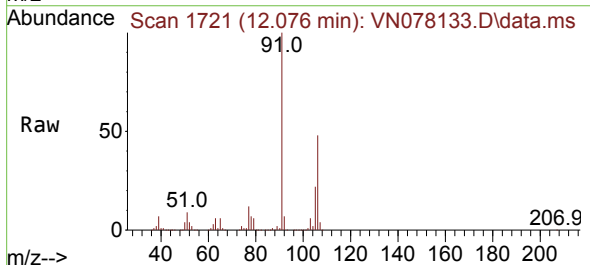
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

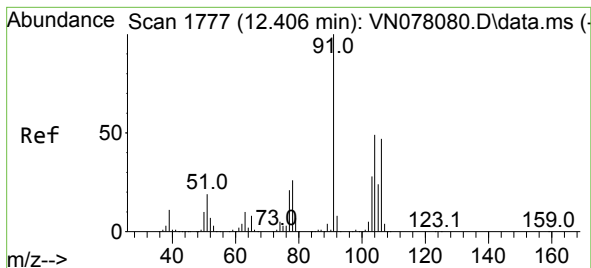
Tgt Ion: 91 Resp: 1280609
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 95.200 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion:106 Resp: 972124
Ion Ratio Lower Upper
106 100
91 204.6 159.6 239.4





#69

o-Xylene

Concen: 47.048 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

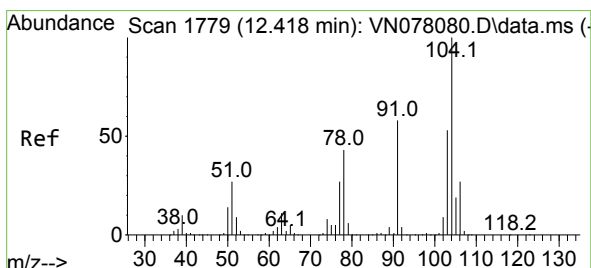
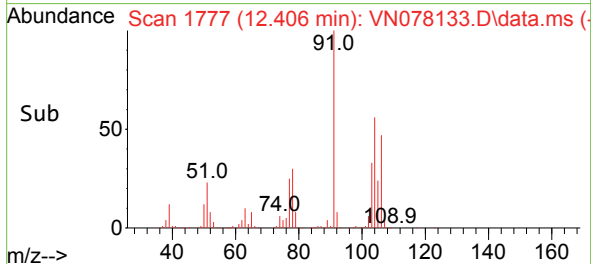
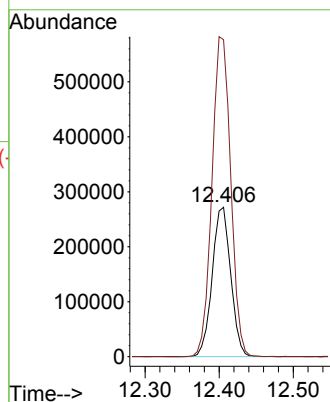
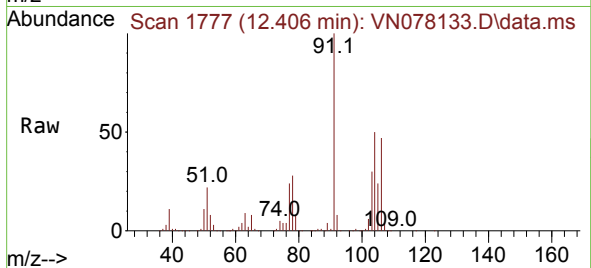
VSTDCCC050

Tgt Ion:106 Resp: 471786

Ion Ratio Lower Upper

106 100

91 216.8 105.2 315.5



#70

Styrene

Concen: 49.248 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

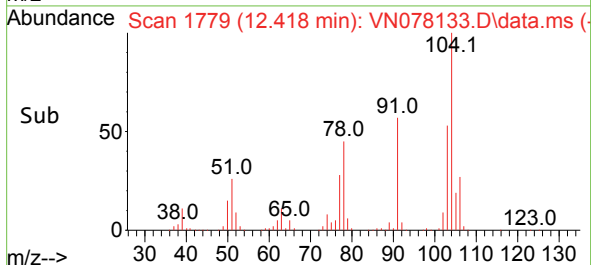
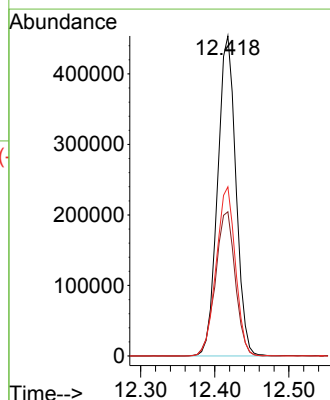
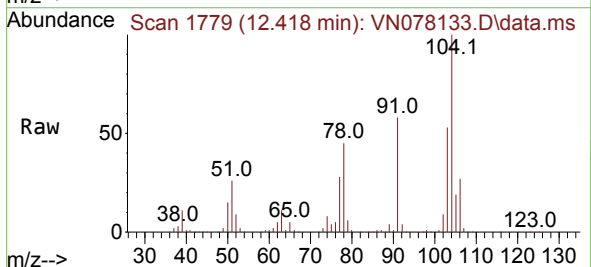
Tgt Ion:104 Resp: 777475

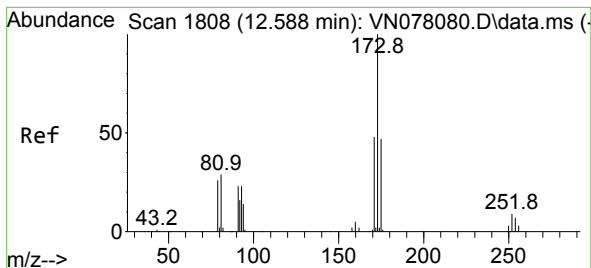
Ion Ratio Lower Upper

104 100

78 48.9 39.5 59.3

103 55.5 43.2 64.8





#71

Bromoform

Concen: 49.492 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

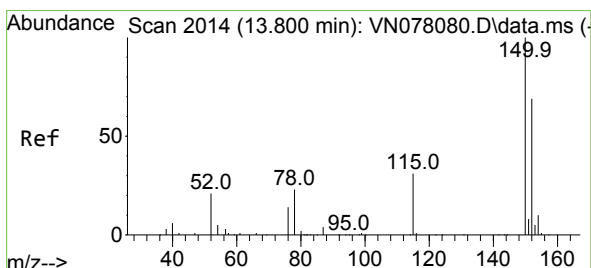
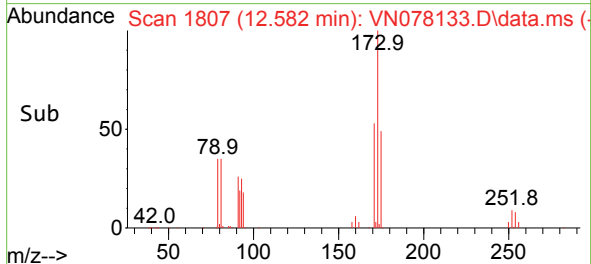
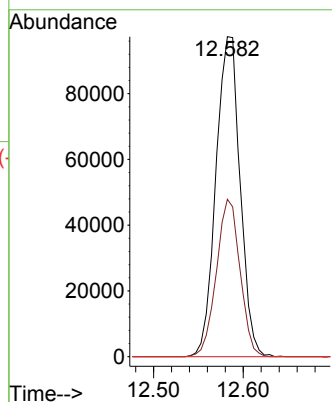
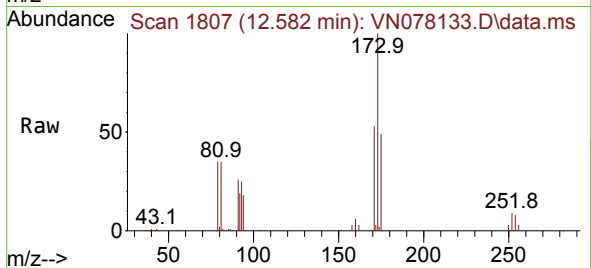
Tgt Ion:173 Resp: 182421

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

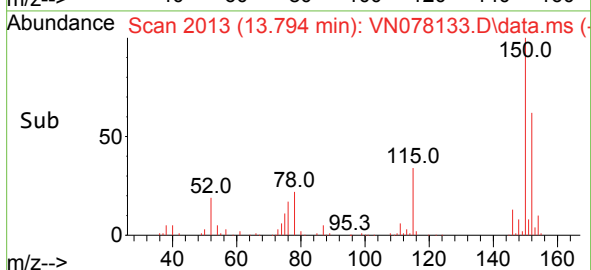
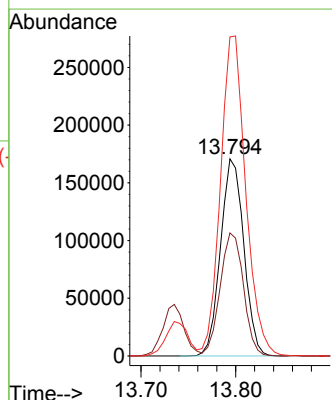
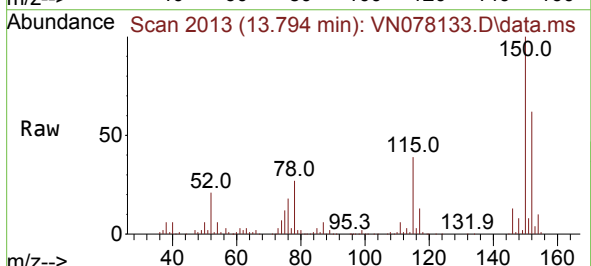
Tgt Ion:152 Resp: 292253

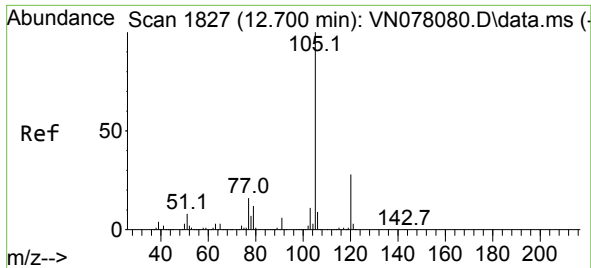
Ion Ratio Lower Upper

152 100

115 62.2 32.3 96.8

150 176.2 0.0 355.8

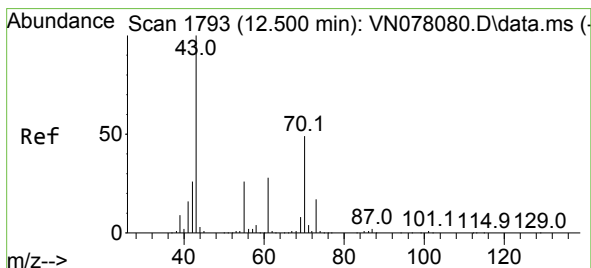
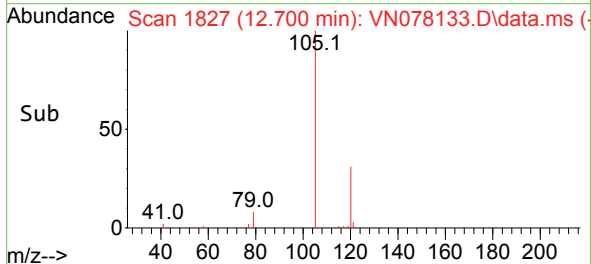
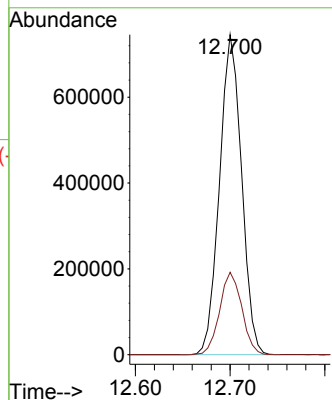
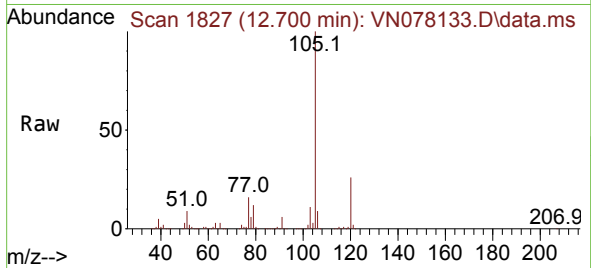




#73
Isopropylbenzene
Concen: 43.695 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

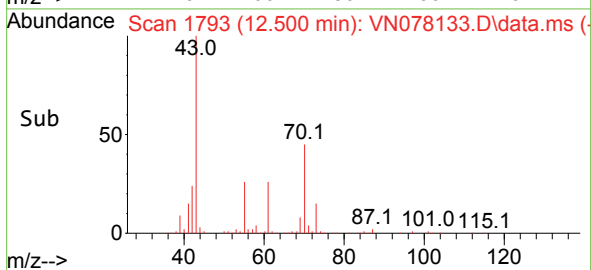
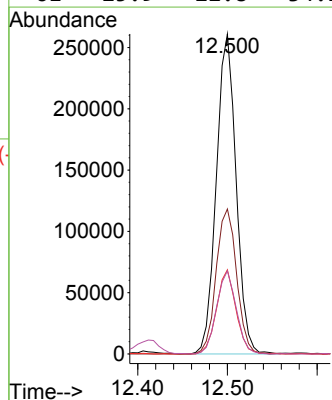
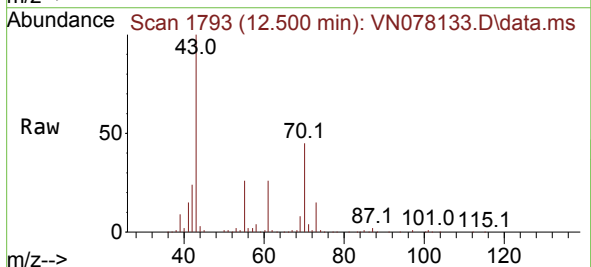
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

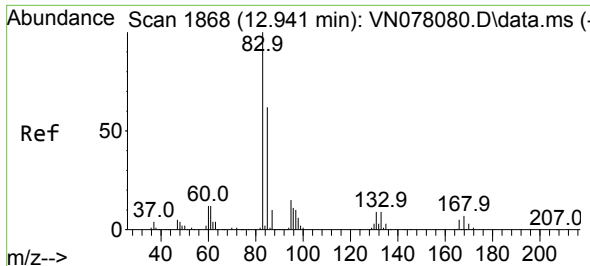
Tgt Ion:105 Resp: 1207567
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 43.950 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 43 Resp: 399980
Ion Ratio Lower Upper
43 100
70 46.9 43.4 65.2
55 25.9 21.4 32.0
61 25.9 22.8 34.2

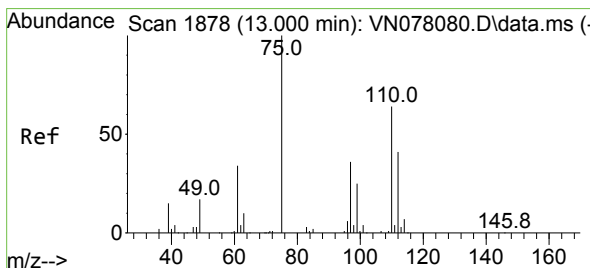
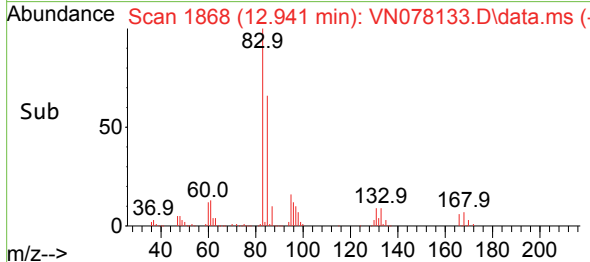
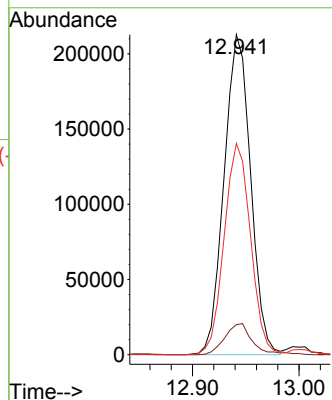
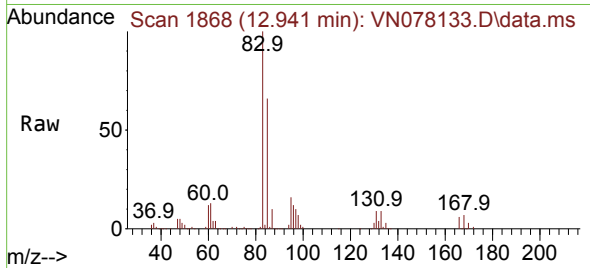




#75
1,1,2,2-Tetrachloroethane
Concen: 48.399 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

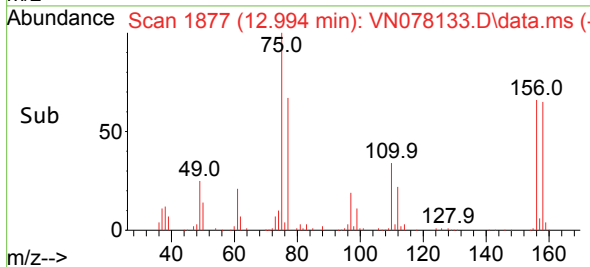
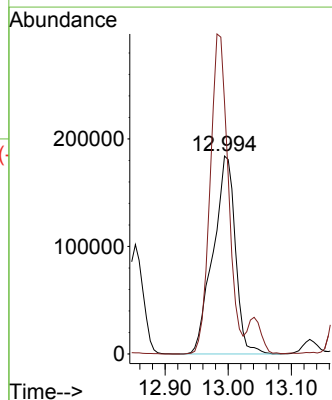
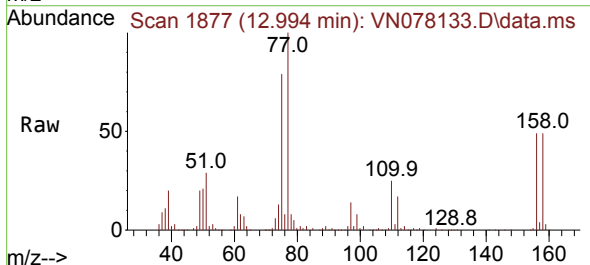
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MSVOA_N
ClientSampleId :
VSTDCCC050

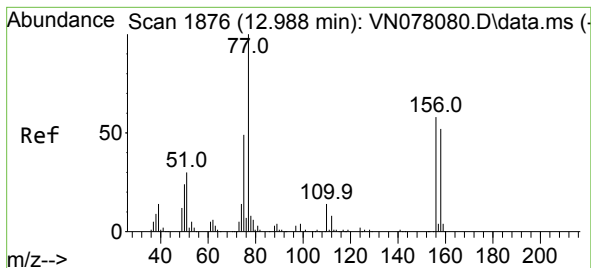
Tgt Ion: 83 Resp: 368485
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 65.142 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 75 Resp: 450062
Ion Ratio Lower Upper
75 100
77 131.4 84.5 253.5





#77

Bromobenzene

Concen: 42.793 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

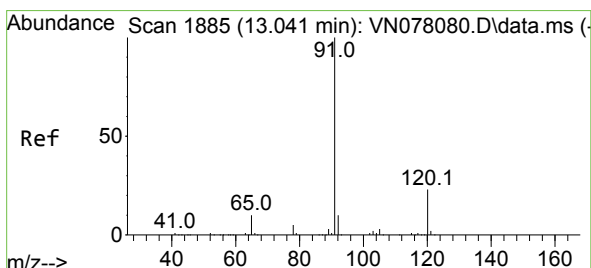
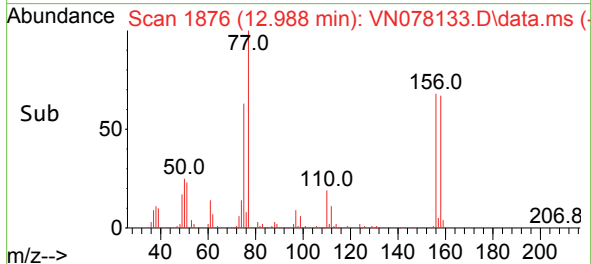
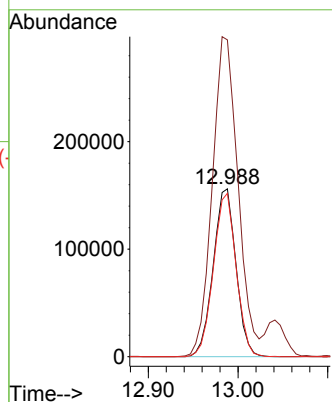
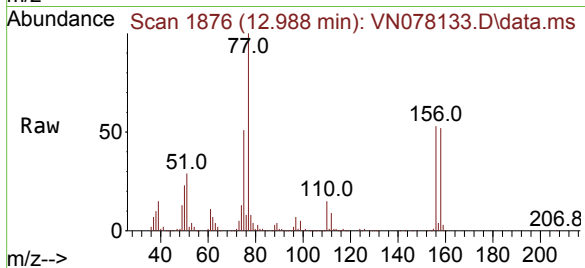
Tgt Ion:156 Resp: 274538

Ion Ratio Lower Upper

156 100

77 215.4 107.7 323.3

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 45.266 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078133.D

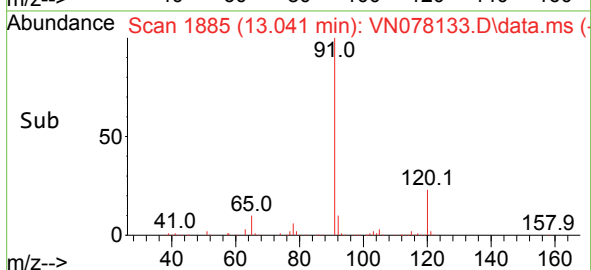
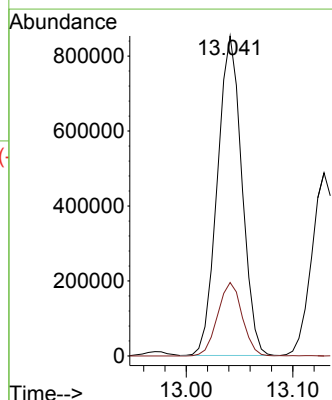
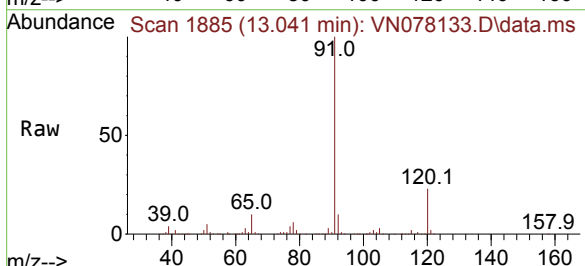
Acq: 09 Jun 2023 09:29

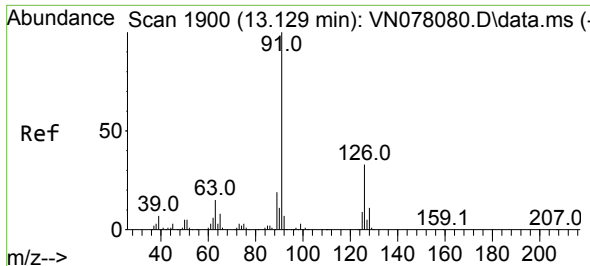
Tgt Ion: 91 Resp: 1359158

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

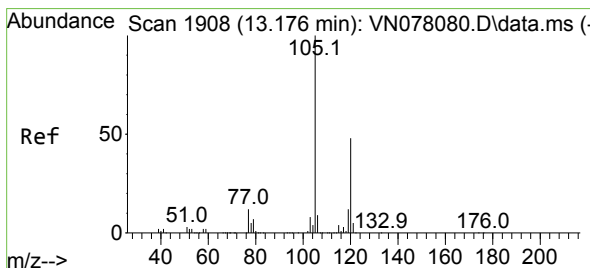
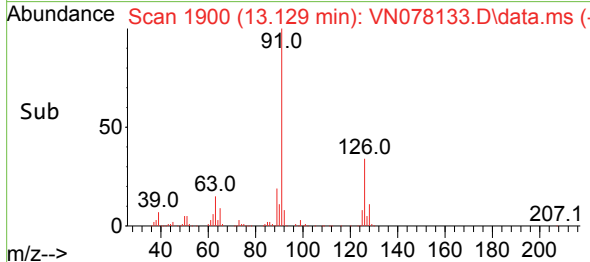
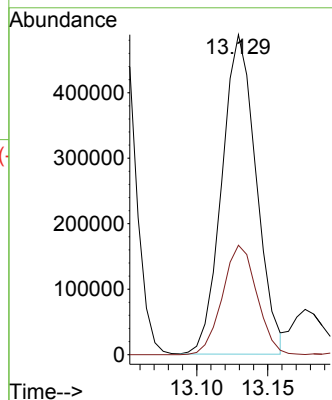
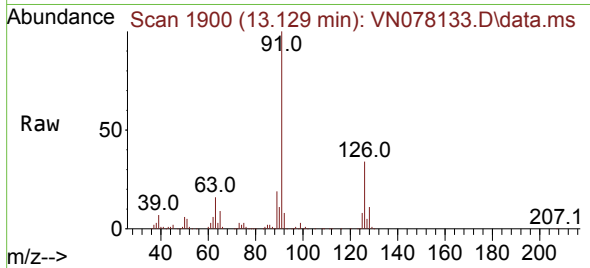




#79
2-Chlorotoluene
Concen: 42.372 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

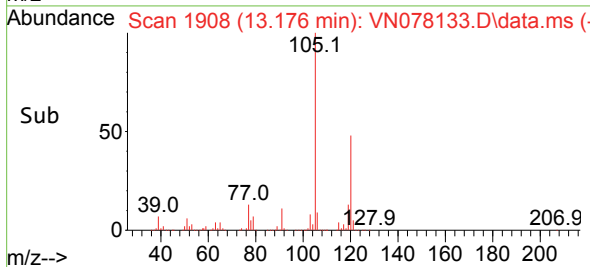
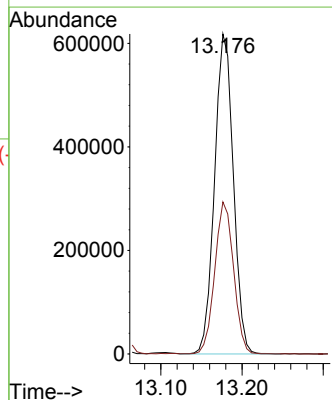
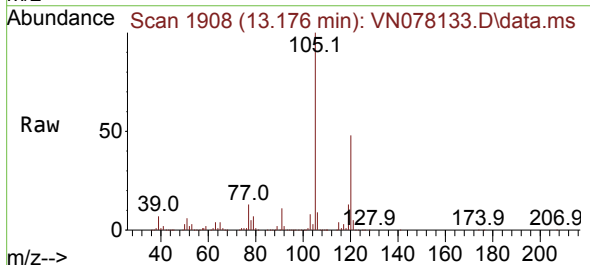
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

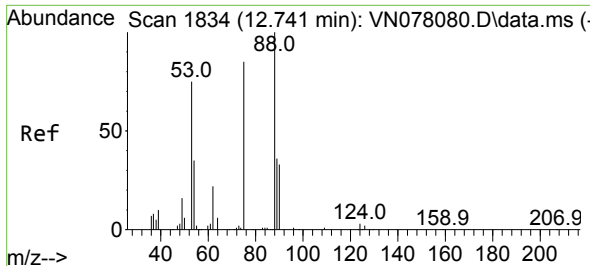
Tgt Ion: 91 Resp: 821253
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 44.425 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 105 Resp: 994017
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3

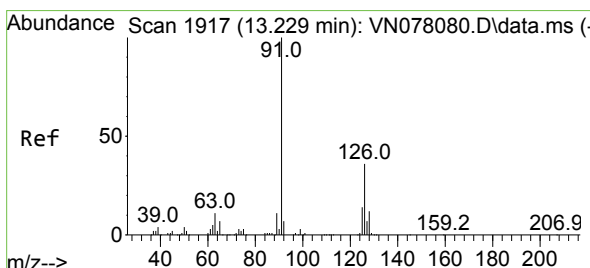
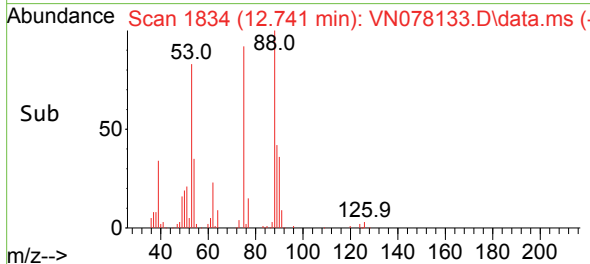
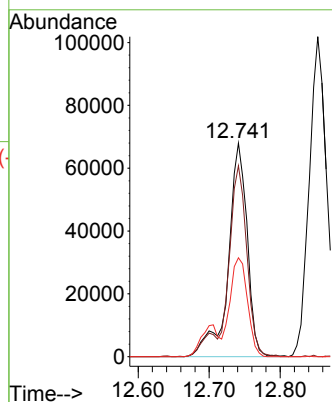
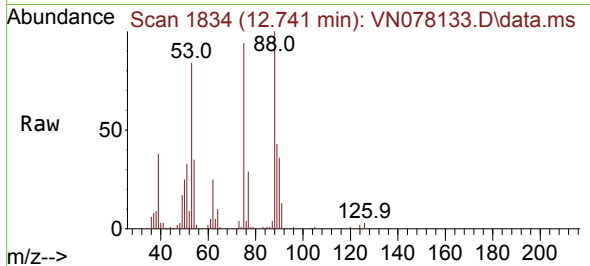




#81
trans-1,4-Dichloro-2-butene
Concen: 56.208 ug/l
RT: 12.741 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

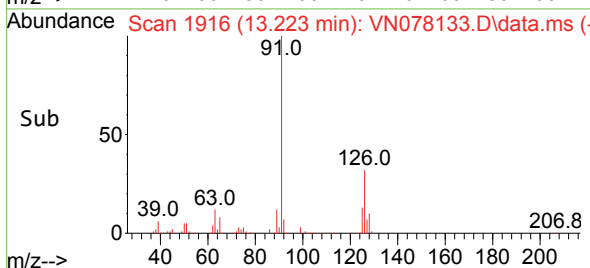
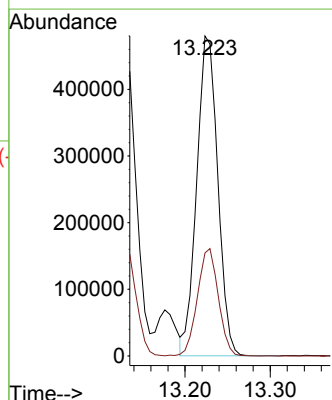
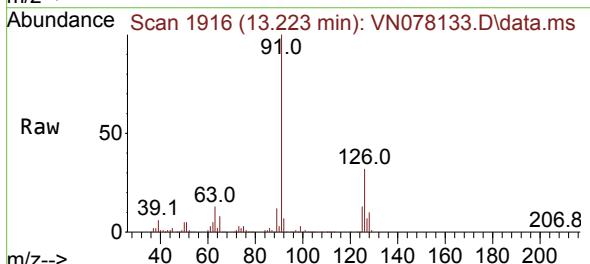
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

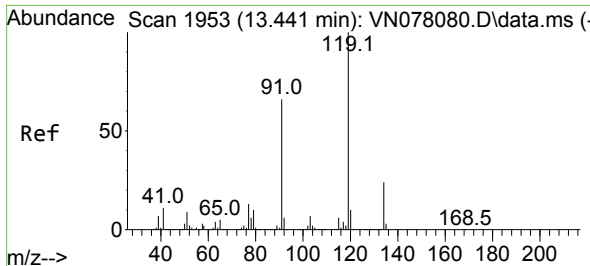
Tgt Ion: 75 Resp: 126400
Ion Ratio Lower Upper
75 100
53 80.5 67.4 101.2
89 42.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 45.494 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078133.D
Acq: 09 Jun 2023 09:29

Tgt Ion: 91 Resp: 822954
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0

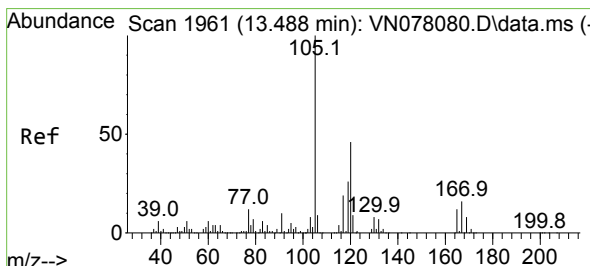
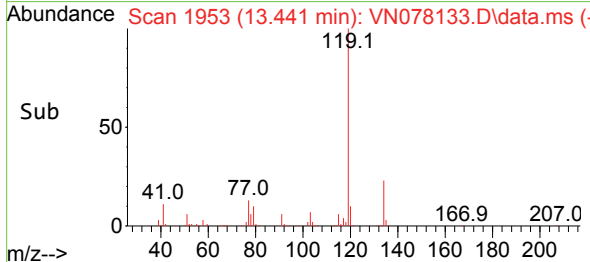
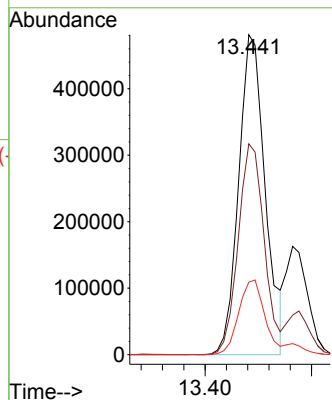
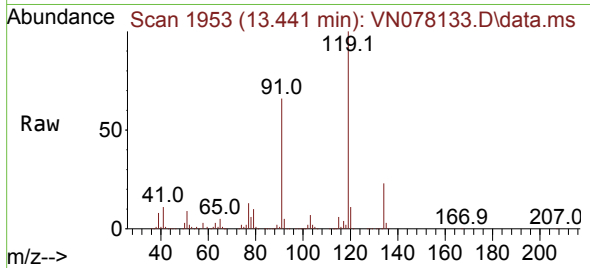




#83
 tert-Butylbenzene
 Concen: 42.839 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

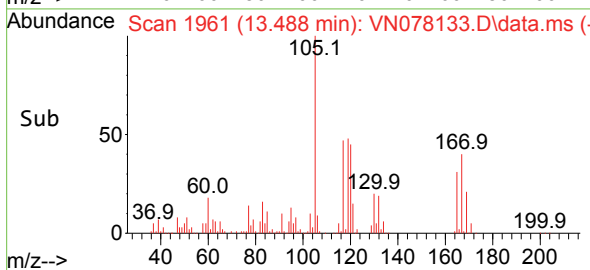
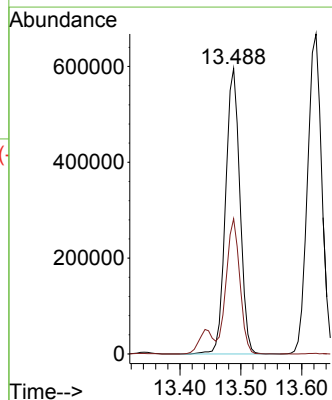
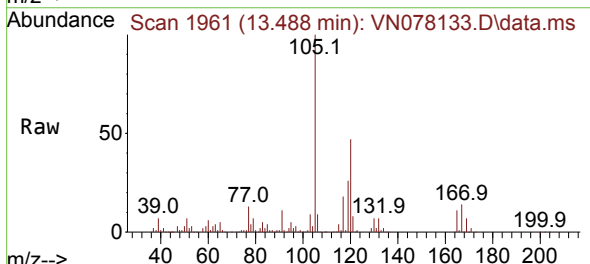
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

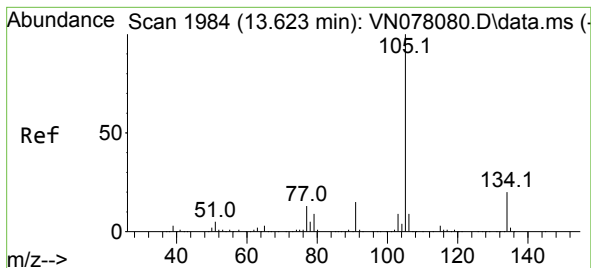
Tgt Ion:119 Resp: 833198
 Ion Ratio Lower Upper
 119 100
 91 64.6 33.9 101.7
 134 25.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 44.873 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

Tgt Ion:105 Resp: 973427
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 42.501 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

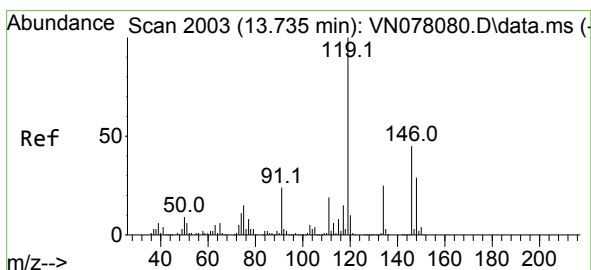
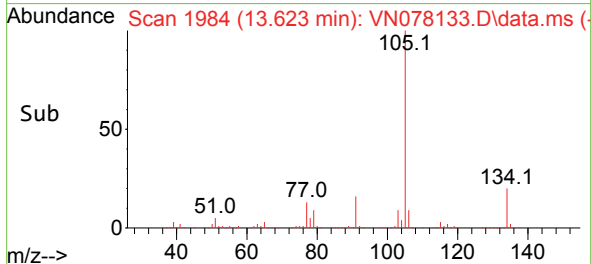
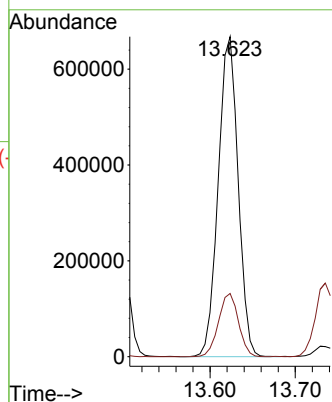
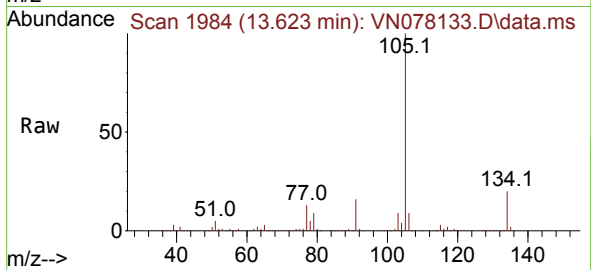
VSTDCCC050

Tgt Ion:105 Resp: 1081947

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 43.797 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

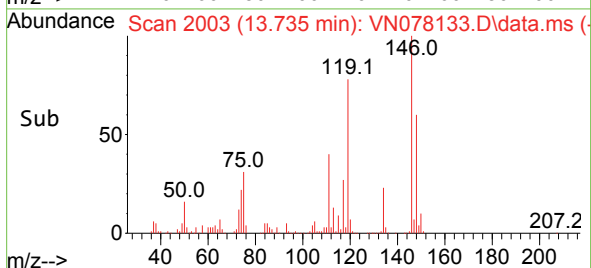
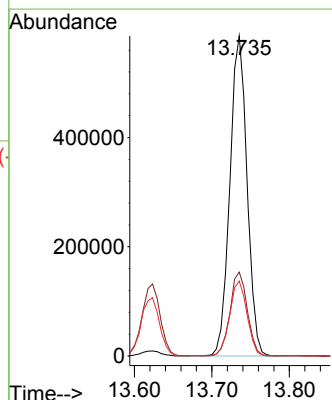
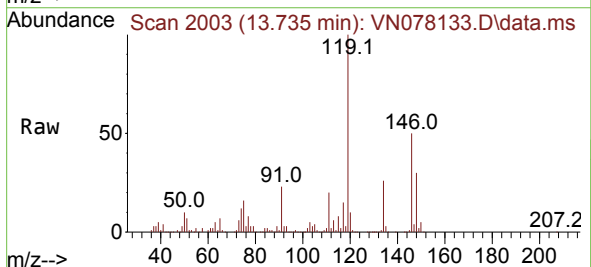
Tgt Ion:119 Resp: 904768

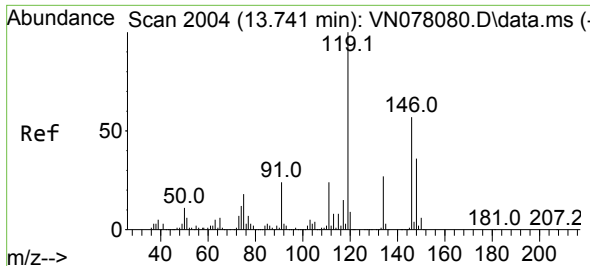
Ion Ratio Lower Upper

119 100

134 26.4 12.6 37.8

91 23.4 12.4 37.2

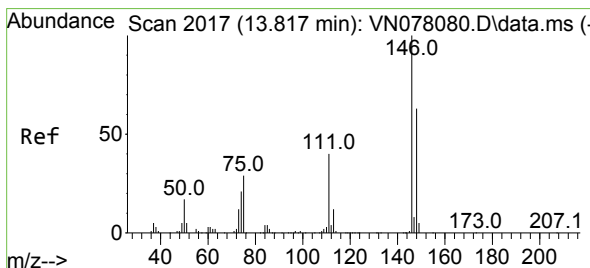
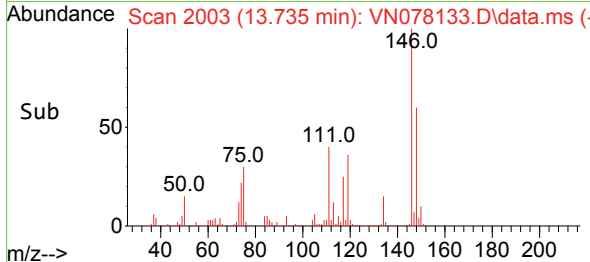
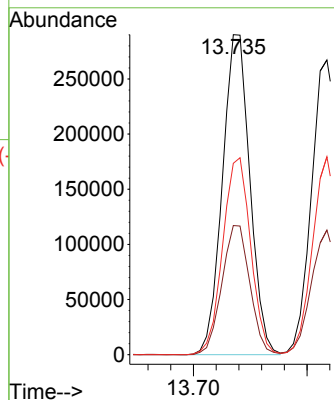
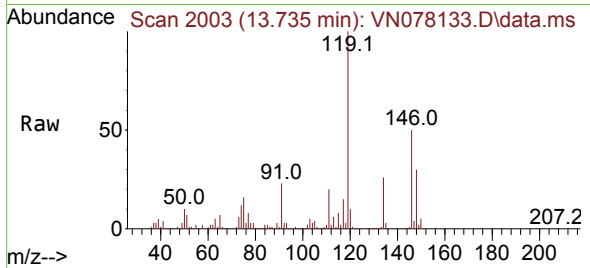




#87
 1,3-Dichlorobenzene
 Concen: 45.020 ug/l
 RT: 13.735 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

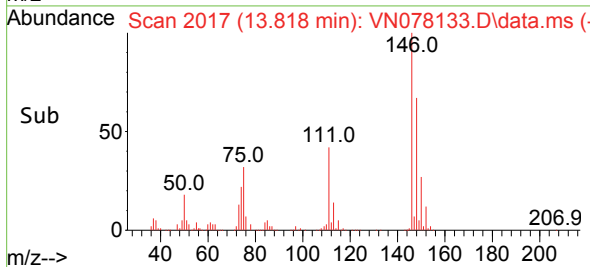
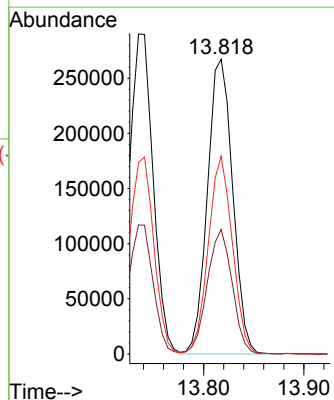
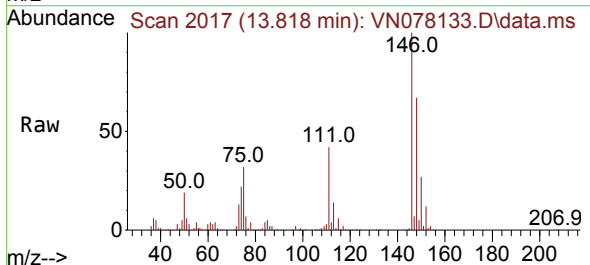
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

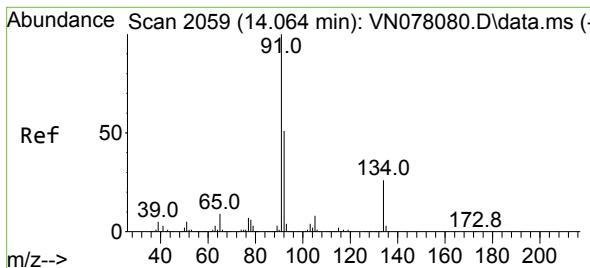
Tgt Ion:146 Resp: 488546
 Ion Ratio Lower Upper
 146 100
 111 40.9 22.1 66.3
 148 62.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 44.642 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

Tgt Ion:146 Resp: 467465
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.8
 148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 43.940 ug/l

RT: 14.059 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

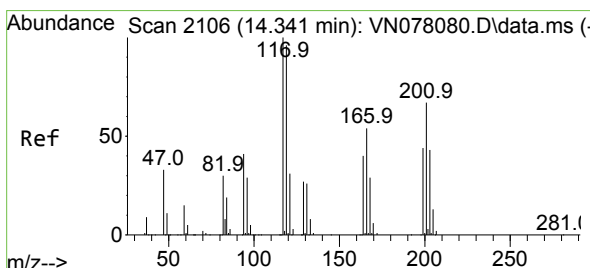
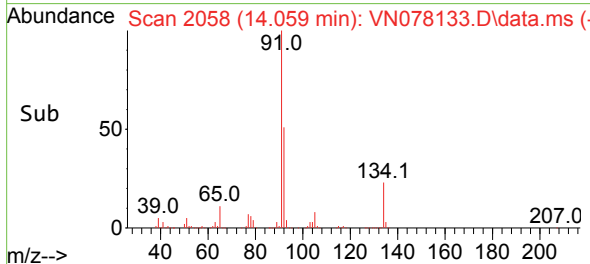
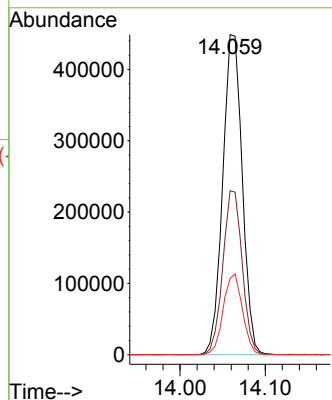
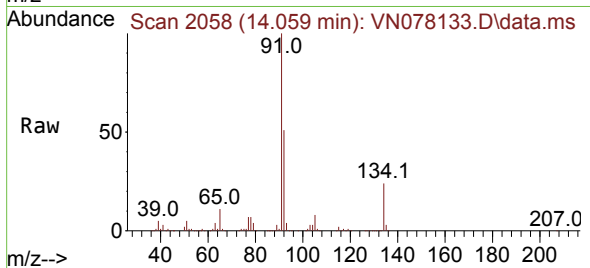
Tgt Ion: 91 Resp: 715975

Ion Ratio Lower Upper

91 100

92 50.9 26.4 79.0

134 24.9 12.6 37.6



#90

Hexachloroethane

Concen: 43.599 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN078133.D

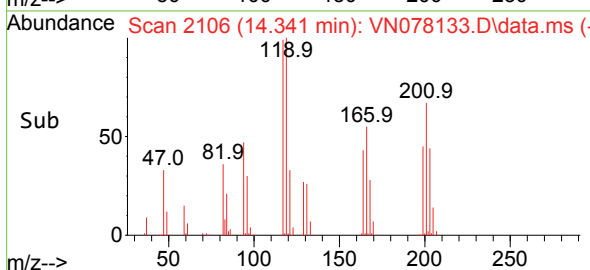
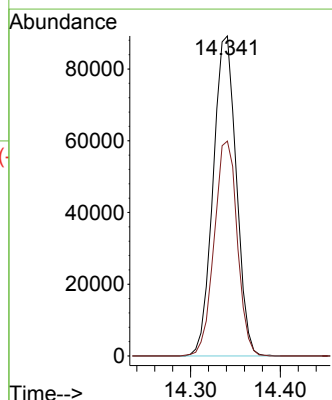
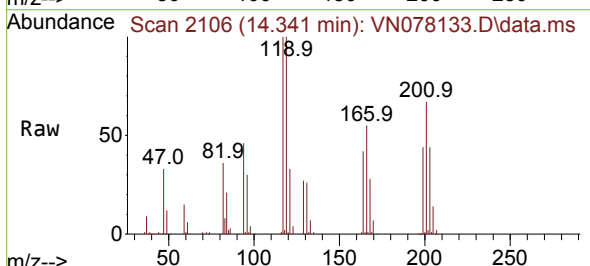
Acq: 09 Jun 2023 09:29

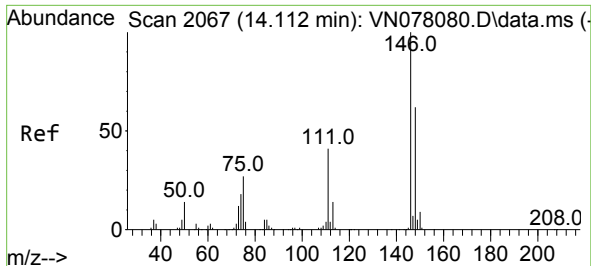
Tgt Ion: 117 Resp: 159839

Ion Ratio Lower Upper

117 100

201 66.8 29.3 88.0

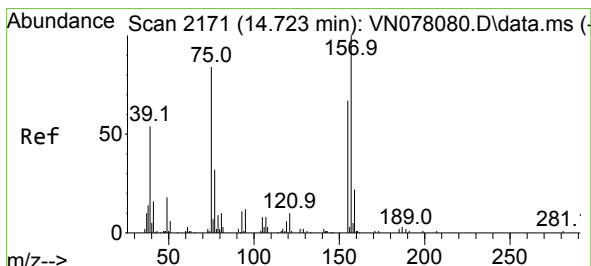
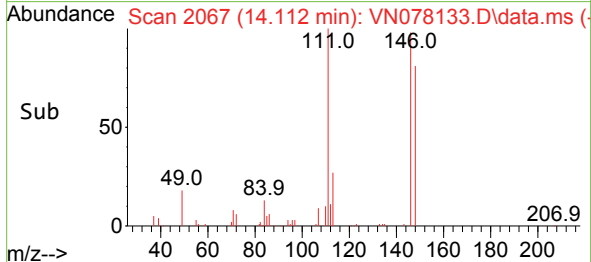
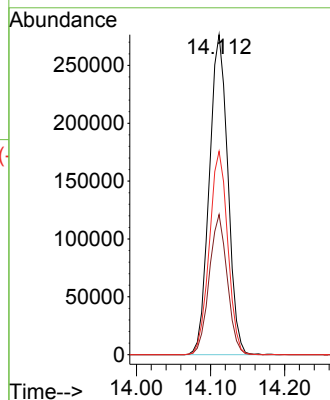
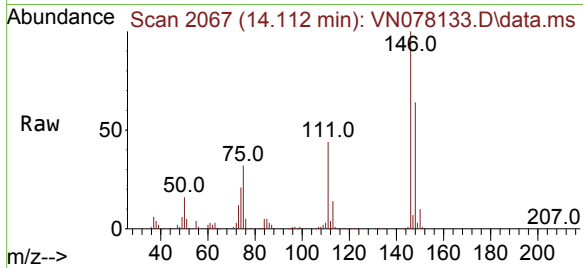




#91
 1,2-Dichlorobenzene
 Concen: 45.205 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

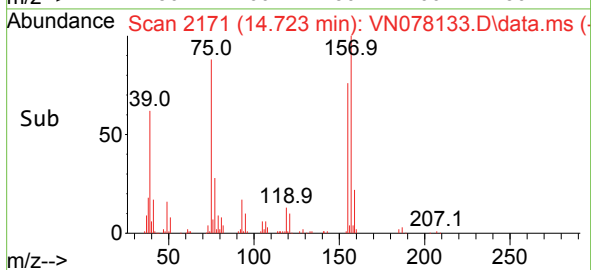
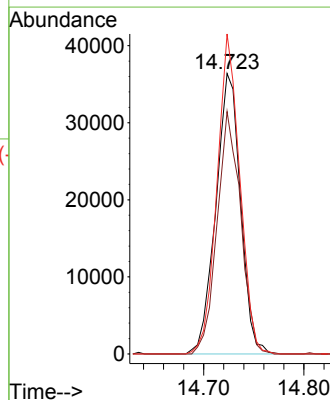
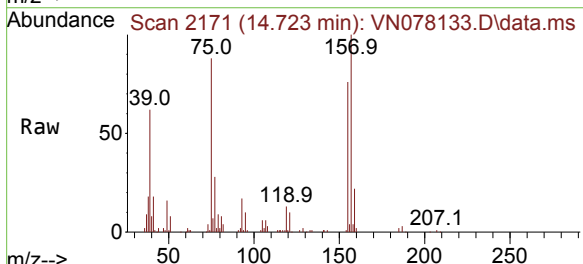
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

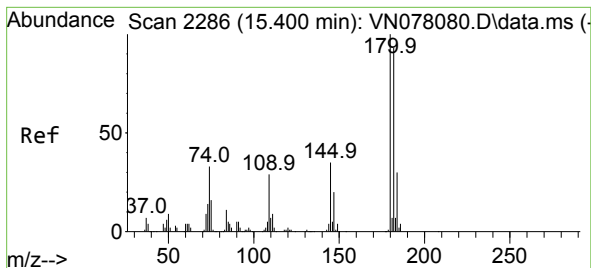
Tgt Ion:146 Resp: 479436
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.0 66.0
 148 63.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.372 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

Tgt Ion: 75 Resp: 62109
 Ion Ratio Lower Upper
 75 100
 155 82.5 39.1 117.2
 157 105.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 48.413 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

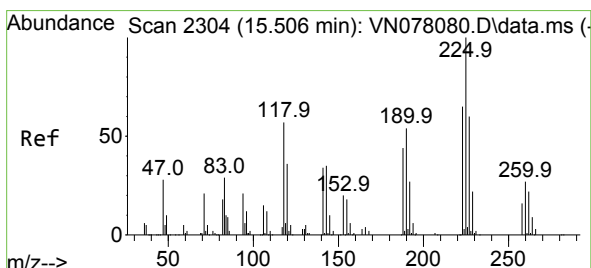
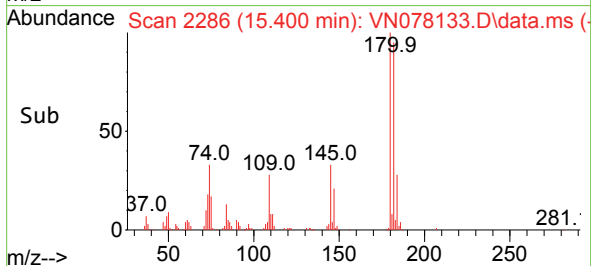
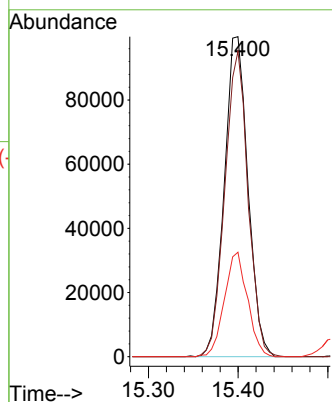
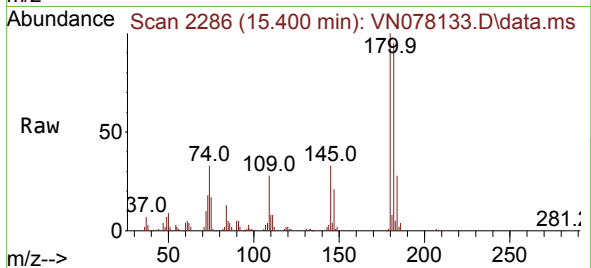
Tgt Ion:180 Resp: 182941

Ion Ratio Lower Upper

180 100

182 93.3 46.1 138.2

145 31.8 16.6 49.8



#94

Hexachlorobutadiene

Concen: 46.407 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078133.D

Acq: 09 Jun 2023 09:29

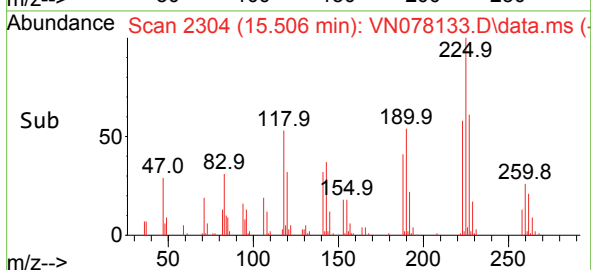
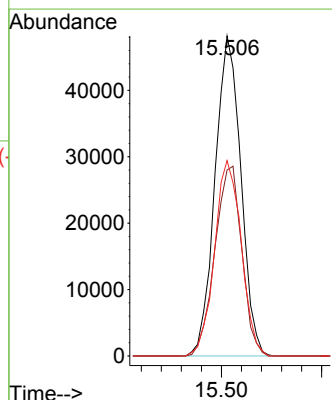
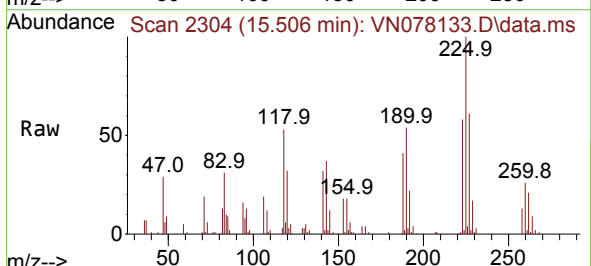
Tgt Ion:225 Resp: 86315

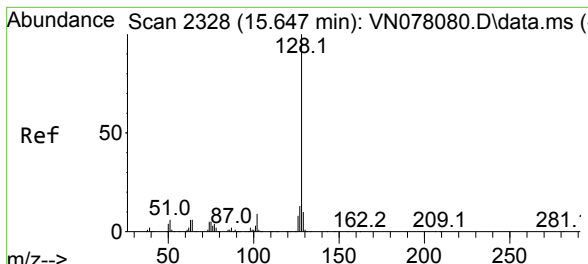
Ion Ratio Lower Upper

225 100

223 61.7 31.3 93.8

227 63.1 31.9 95.9

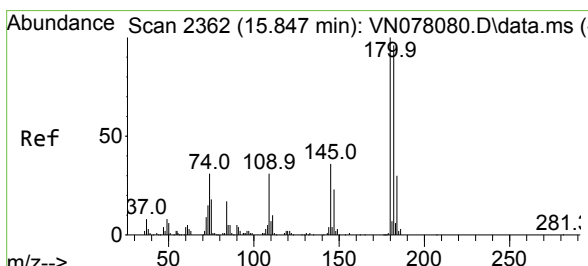
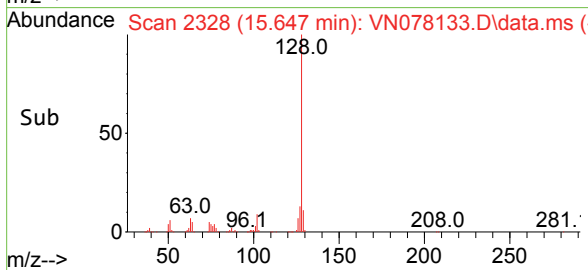
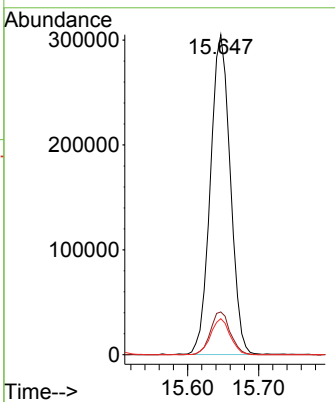
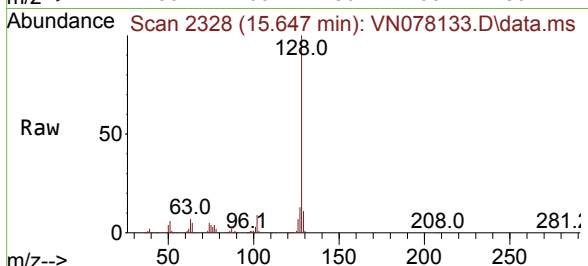




#95
 Naphthalene
 Concen: 46.636 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	128	Resp:	592784
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	11.0	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 45.014 ug/l
 RT: 15.847 min Scan# 2362
 Delta R.T. 0.000 min
 Lab File: VN078133.D
 Acq: 09 Jun 2023 09:29

Tgt Ion:	180	Resp:	190238
Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.2	138.6
145	35.1	17.5	52.6

