

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078246.D
 Acq On : 15 Jun 2023 22:22
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 16 06:15:41 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	8.236	168	369523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	698927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	608342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	285927	58.034	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.060%	
35) Dibromofluoromethane	8.171	113	245902	55.644	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.280%	
50) Toluene-d8	10.571	98	905916	53.175	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.340%	
62) 4-Bromofluorobenzene	12.853	95	284539	53.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	177672	42.535	ug/l	99
3) Chloromethane	2.371	50	209619	53.469	ug/l	97
4) Vinyl Chloride	2.518	62	267198	48.851	ug/l	99
5) Bromomethane	2.954	94	198830	48.100	ug/l	93
6) Chloroethane	3.124	64	191072	51.244	ug/l	99
7) Trichlorofluoromethane	3.501	101	350349	47.234	ug/l	96
8) Diethyl Ether	3.971	74	131437	50.432	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	187271	47.841	ug/l	98
10) Methyl Iodide	4.595	142	278282	50.269	ug/l	98
11) Tert butyl alcohol	5.530	59	168549	247.757	ug/l	99
12) 1,1-Dichloroethene	4.348	96	188878	46.808	ug/l	92
13) Acrolein	4.189	56	214572	286.181	ug/l	98
14) Allyl chloride	5.030	41	275556	55.942	ug/l	96
15) Acrylonitrile	5.736	53	491529	280.247	ug/l	100
16) Acetone	4.436	43	372130	262.408	ug/l	94
17) Carbon Disulfide	4.724	76	450545	43.379	ug/l	99
18) Methyl Acetate	5.036	43	347398	53.208	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	692884	53.818	ug/l	98
20) Methylene Chloride	5.289	84	231131	49.321	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	205313	47.174	ug/l #	82
22) Diisopropyl ether	6.689	45	649252	56.035	ug/l	94
23) Vinyl Acetate	6.618	43	1942454	282.024	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	413642	54.118	ug/l	96
25) 2-Butanone	7.494	43	608285	278.929	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	281731	49.920	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	257055	49.516	ug/l	93
28) Bromochloromethane	7.818	49	206710	58.902	ug/l	90
29) Tetrahydrofuran	7.847	42	394252	270.430	ug/l	86
30) Chloroform	7.977	83	449912	54.664	ug/l	92
31) Cyclohexane	8.265	56	278476	44.062	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	383929	53.133	ug/l	95
36) 1,1-Dichloropropene	8.383	75	308212	48.623	ug/l	96
37) Ethyl Acetate	7.571	43	259895	52.484	ug/l	95
38) Carbon Tetrachloride	8.371	117	332235	49.638	ug/l	94
39) Methylcyclohexane	9.606	83	265578	40.428	ug/l	91
40) Benzene	8.612	78	953876	50.405	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	138108	51.454	ug/l	92
42) 1,2-Dichloroethane	8.677	62	338782	52.213	ug/l	97
43) Isopropyl Acetate	8.694	43	470777	49.711	ug/l	94
44) Trichloroethene	9.359	130	237264	47.475	ug/l	96
45) 1,2-Dichloropropane	9.630	63	249441	52.978	ug/l	98
46) Dibromomethane	9.712	93	173129	49.922	ug/l	95
47) Bromodichloromethane	9.894	83	350288	54.376	ug/l	96
48) Methyl methacrylate	9.688	41	211815	53.297	ug/l	89
49) 1,4-Dioxane	9.700	88	80929	968.856	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	1365826	273.879	ug/l	93
52) Toluene	10.635	92	592006	49.548	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	360128	53.679	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	383031	51.648	ug/l	92
55) 1,1,2-Trichloroethane	11.024	97	245933	54.411	ug/l	97
56) Ethyl methacrylate	10.882	69	357242	54.281	ug/l	90
57) 1,3-Dichloropropane	11.171	76	418099	54.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	686420	258.185	ug/l	91
59) 2-Hexanone	11.200	43	966754	278.413	ug/l	92
60) Dibromochloromethane	11.365	129	265720	53.725	ug/l	99
61) 1,2-Dibromoethane	11.476	107	247865	52.256	ug/l	99
64) Tetrachloroethene	11.112	164	184516	45.465	ug/l	97
65) Chlorobenzene	11.894	112	636097	48.825	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	247982	51.753	ug/l	98
67) Ethyl Benzene	11.971	91	1130045	50.270	ug/l	97
68) m/p-Xylenes	12.076	106	838857	97.917	ug/l	98
69) o-Xylene	12.406	106	412223	48.999	ug/l	95
70) Styrene	12.418	104	677396	51.145	ug/l	98
71) Bromoform	12.582	173	164857	53.312	ug/l #	98
73) Isopropylbenzene	12.700	105	1012979	45.298	ug/l	99
74) N-amyl acetate	12.500	43	371646	50.467	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	347815	56.886	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	410767	73.475	ug/l	68
77) Bromobenzene	12.988	156	239229	46.083	ug/l	100
78) n-propylbenzene	13.041	91	1139262	46.890	ug/l	99
79) 2-Chlorotoluene	13.129	91	721283	45.990	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	821927	45.397	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	95224	52.331	ug/l	93
82) 4-Chlorotoluene	13.229	91	690639	47.184	ug/l	99
83) tert-Butylbenzene	13.441	119	692202	43.982	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	829690	47.267	ug/l	100
85) sec-Butylbenzene	13.623	105	874313	42.444	ug/l	100
86) p-Isopropyltoluene	13.735	119	726221	43.444	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	404744	46.093	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	388476	45.848	ug/l	99
89) n-Butylbenzene	14.059	91	558989	42.396	ug/l	96
90) Hexachloroethane	14.341	117	136208	45.915	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	403274	46.991	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55633	50.225	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	140187	45.848	ug/l	98
94) Hexachlorobutadiene	15.506	225	66535	44.075	ug/l	97
95) Naphthalene	15.647	128	454726	44.211	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	150662	44.056	ug/l	96

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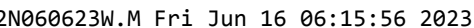
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MSVOA_N
ClientSampleId :
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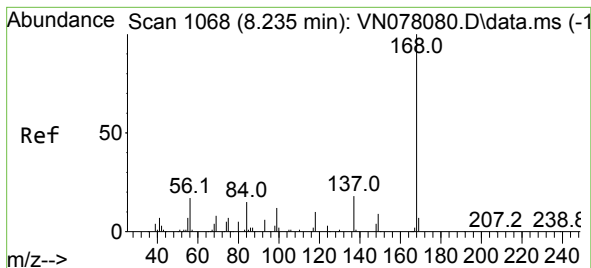
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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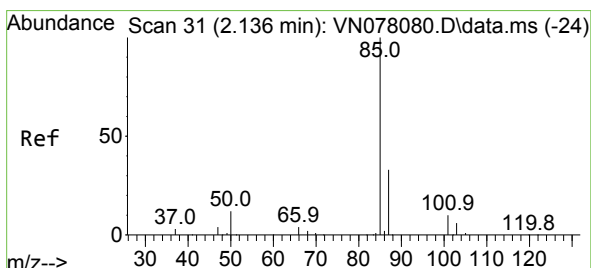
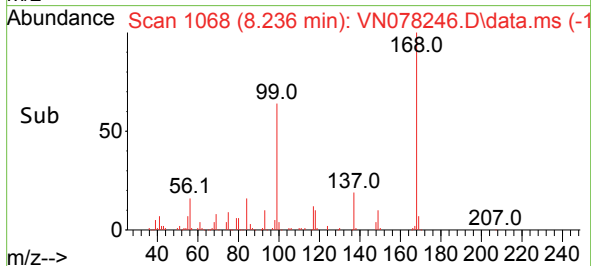
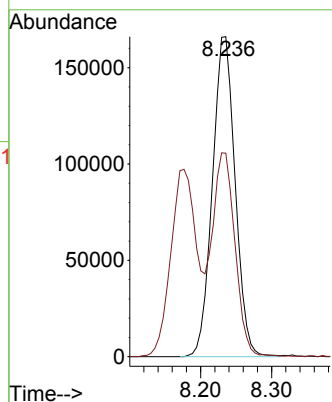
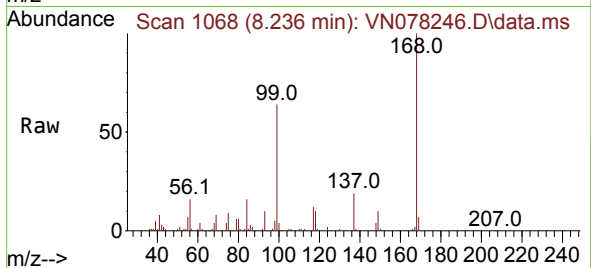




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
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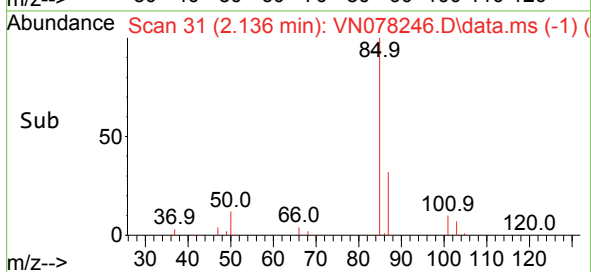
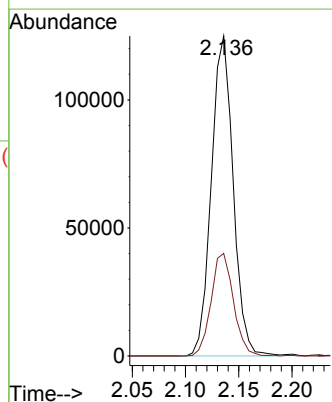
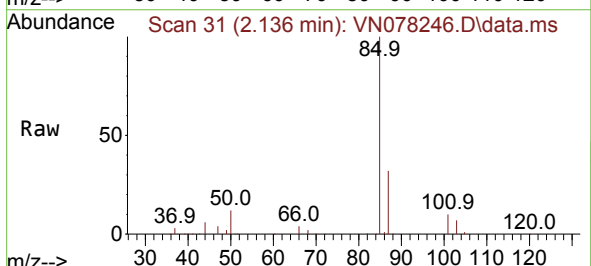
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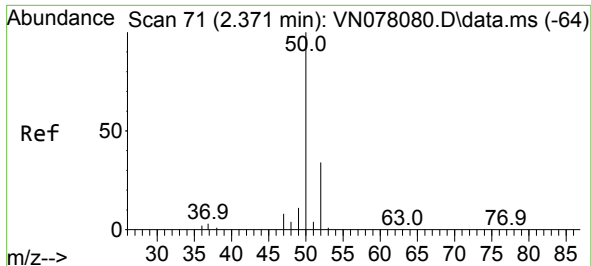
Tgt Ion:168 Resp: 369523
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 42.535 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 85 Resp: 177672
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
 Chloromethane
 Concen: 53.469 ug/l
 RT: 2.371 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

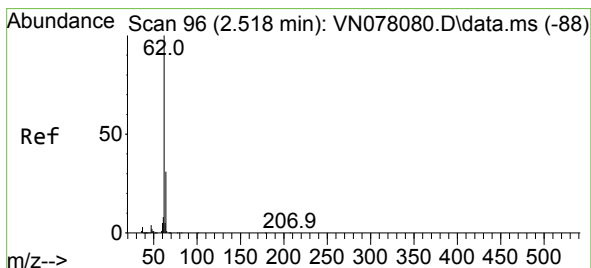
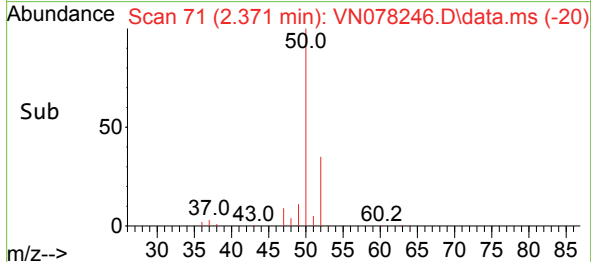
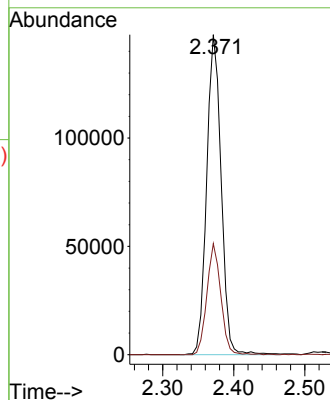
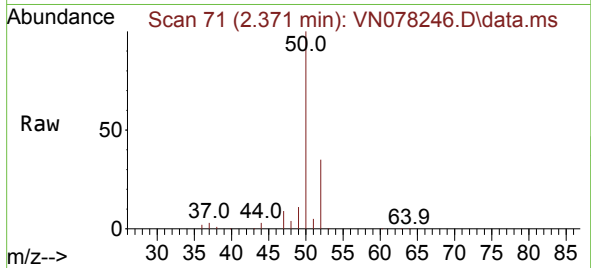
Instrument :

MSVOA_N

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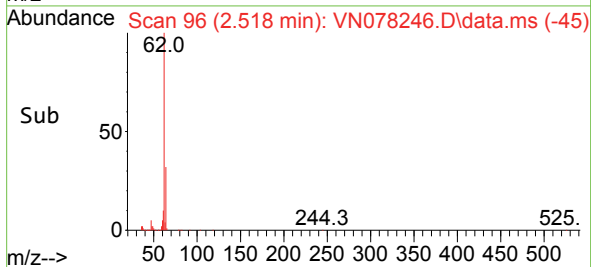
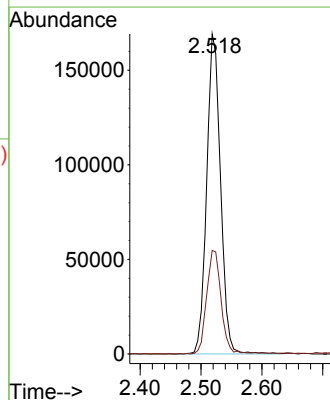
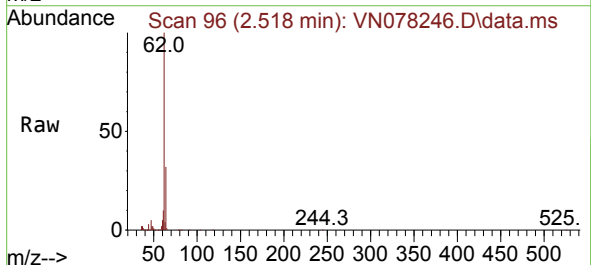
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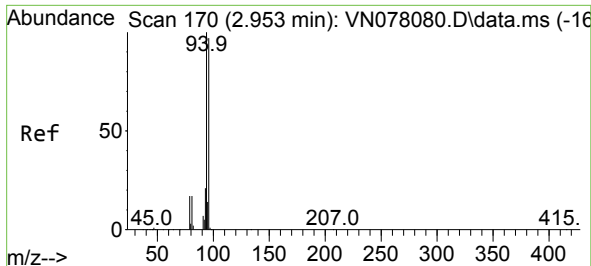
Tgt Ion: 50 Resp: 209619
 Ion Ratio Lower Upper
 50 100
 52 34.7 26.5 39.7



#4
 Vinyl Chloride
 Concen: 48.851 ug/l
 RT: 2.518 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

Tgt Ion: 62 Resp: 267198
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.2 39.2

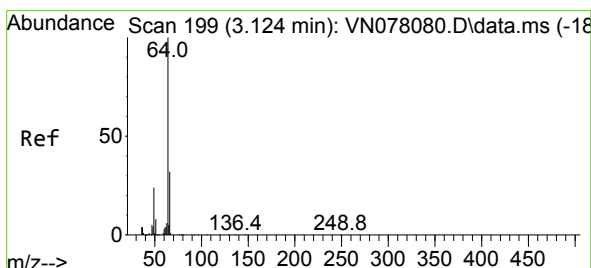
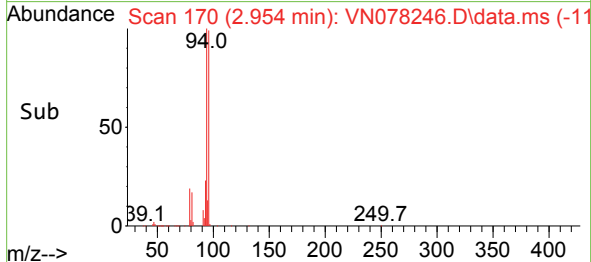
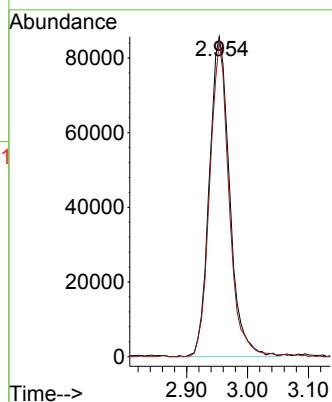
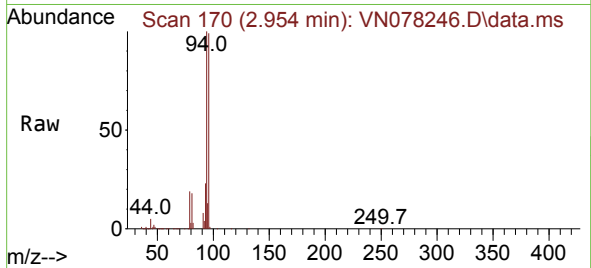




#5
Bromomethane
Concen: 48.100 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

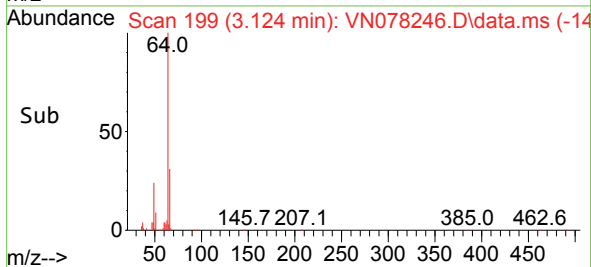
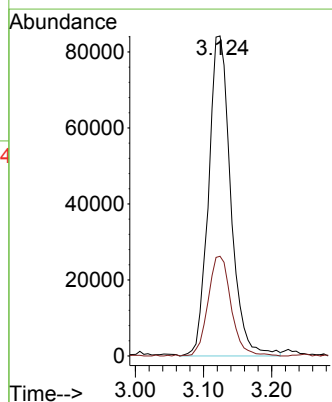
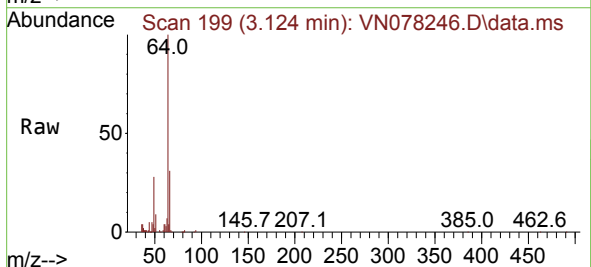
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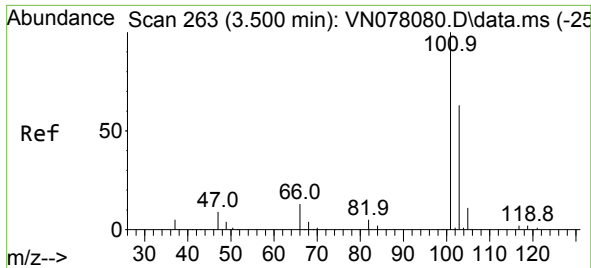
Tgt Ion: 94 Resp: 198830
Ion Ratio Lower Upper
94 100
96 98.2 73.1 109.7



#6
Chloroethane
Concen: 51.244 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 64 Resp: 191072
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2

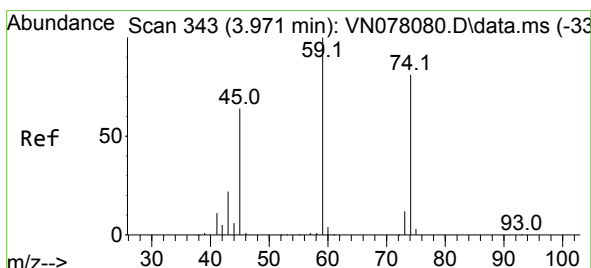
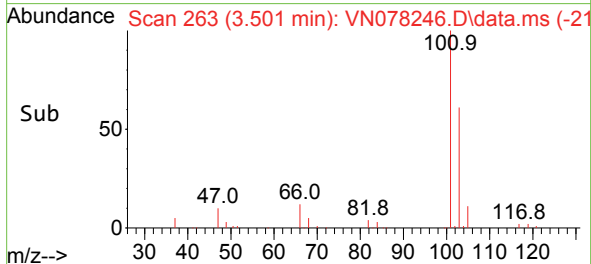
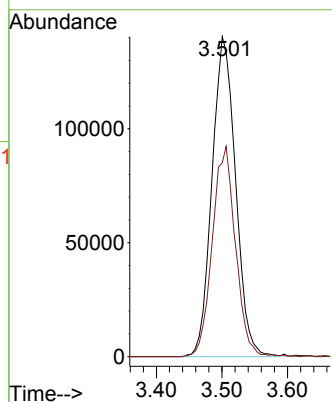
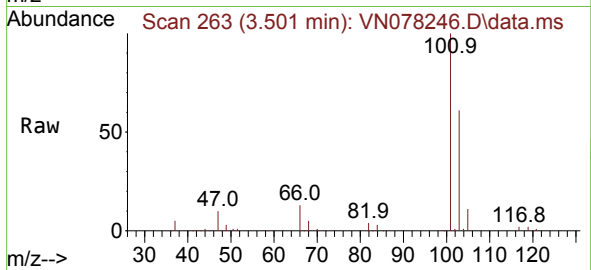




#7
 Trichlorofluoromethane
 Concen: 47.234 ug/l
 RT: 3.501 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

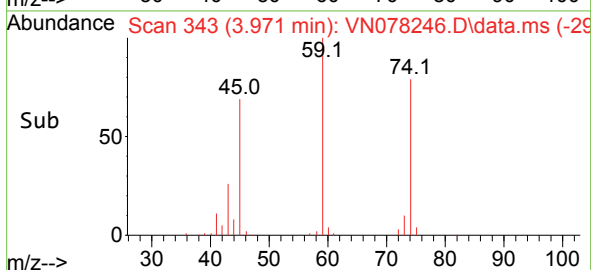
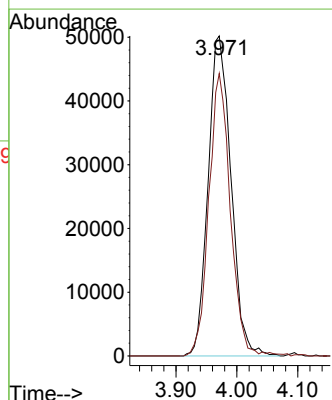
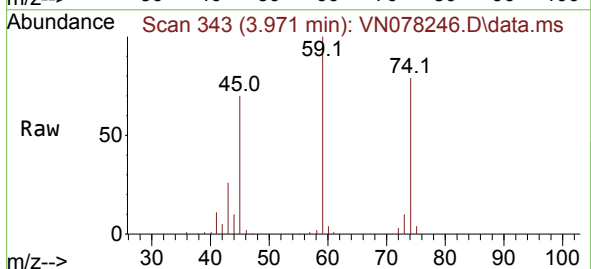
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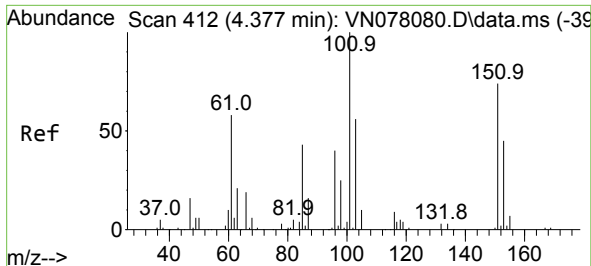
Tgt Ion:101 Resp: 350349
 Ion Ratio Lower Upper
 101 100
 103 60.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 50.432 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078246.D
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Tgt Ion: 74 Resp: 131437
 Ion Ratio Lower Upper
 74 100
 45 82.8 34.4 103.3

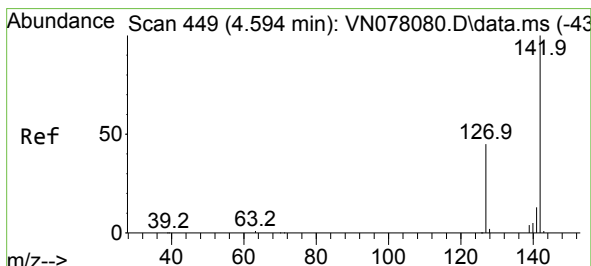
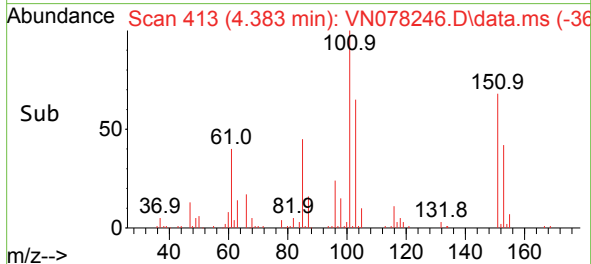
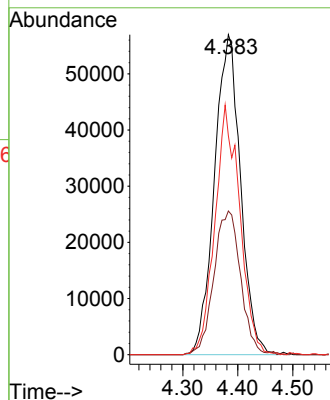
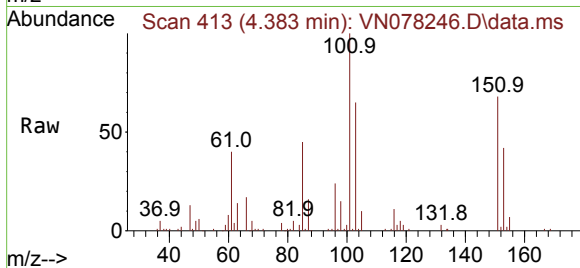




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.841 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078246.D
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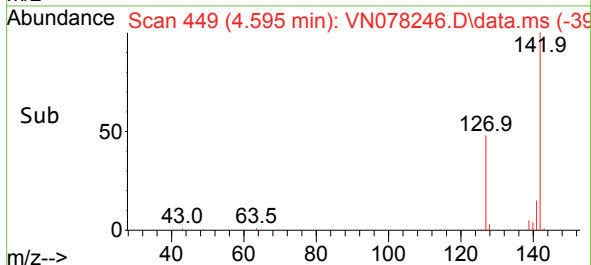
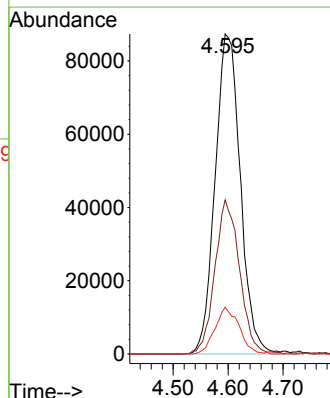
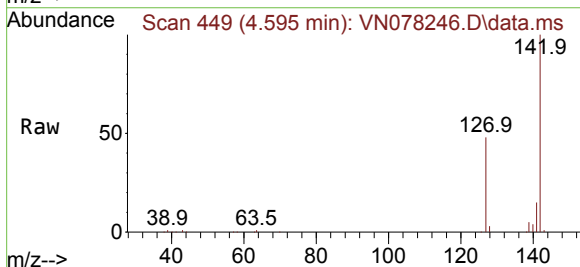
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

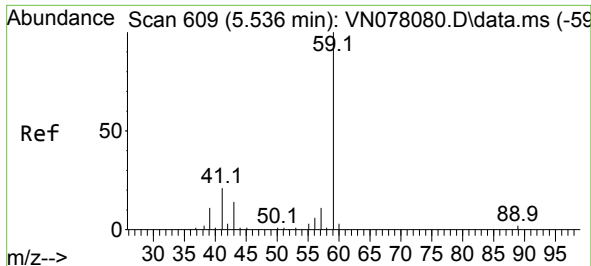
Tgt Ion:101 Resp: 187271
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 74.8 57.6 86.4



#10
Methyl Iodide
Concen: 50.269 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:142 Resp: 278282
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 14.6 11.4 17.0

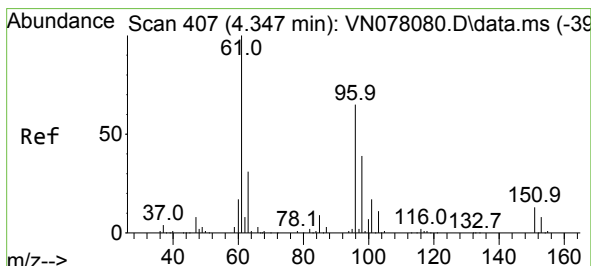
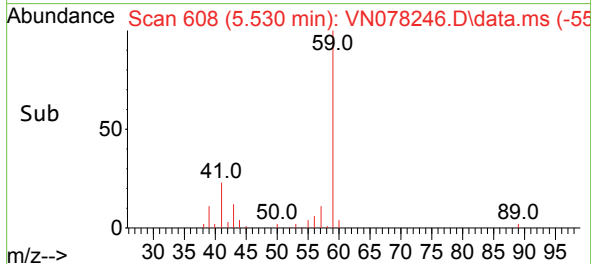
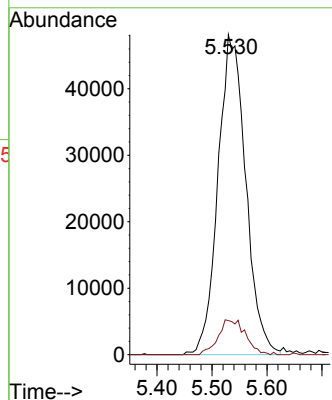
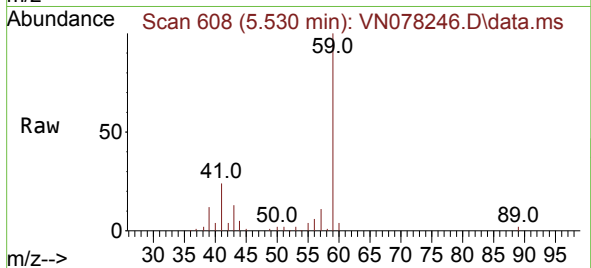




#11
Tert butyl alcohol
Concen: 247.757 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

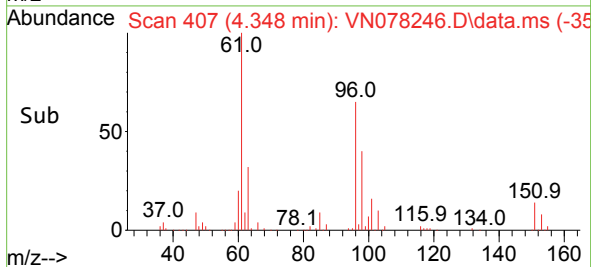
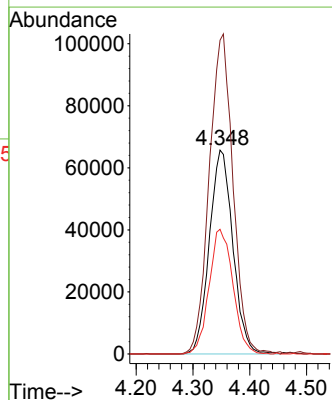
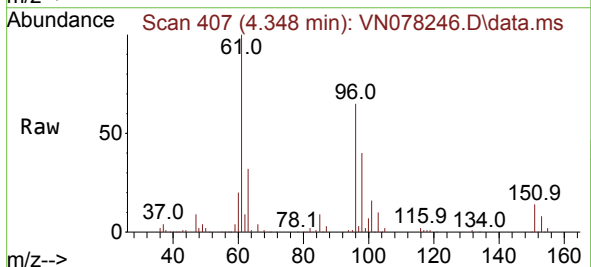
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

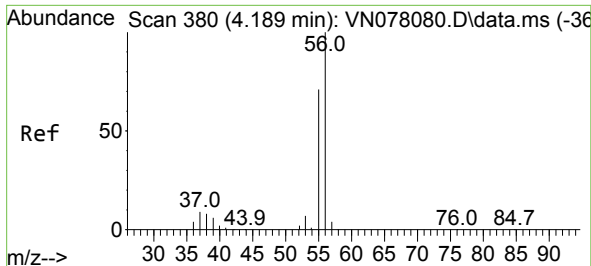
Tgt Ion: 59 Resp: 168549
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.808 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 96 Resp: 188878
Ion Ratio Lower Upper
96 100
61 153.9 112.7 169.1
98 61.2 51.2 76.8

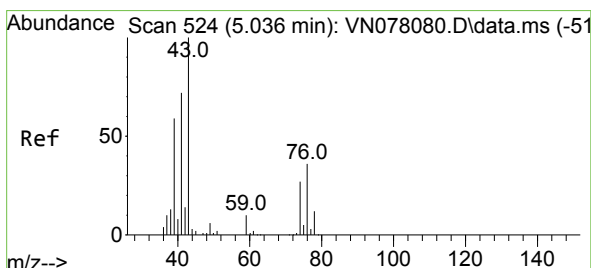
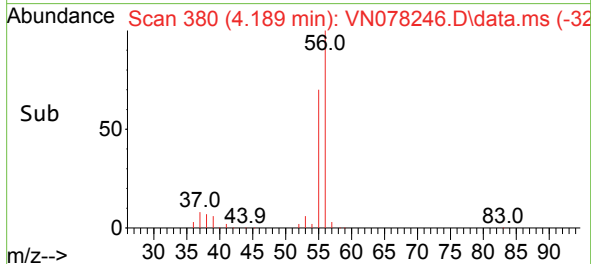
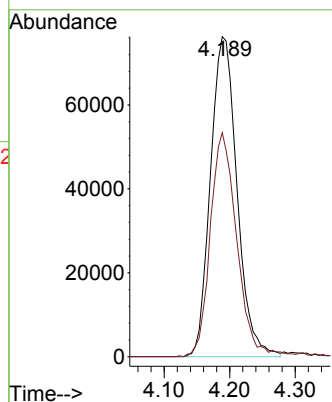
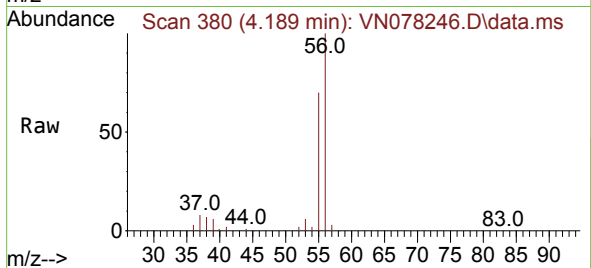




#13
Acrolein
Concen: 286.181 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

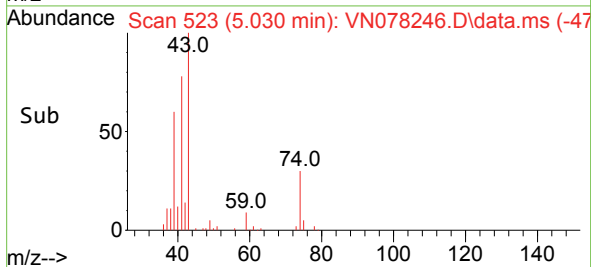
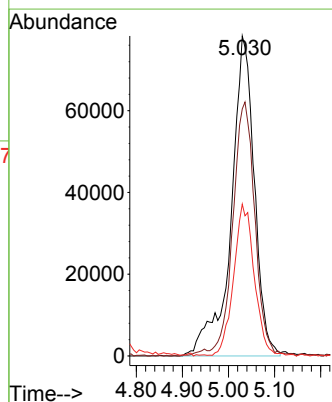
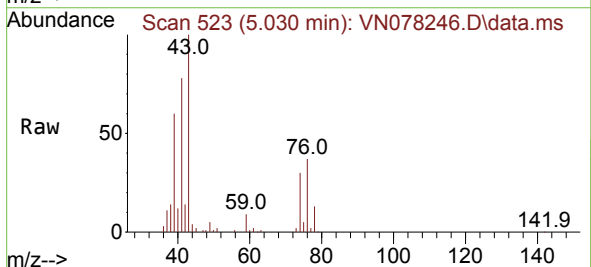
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

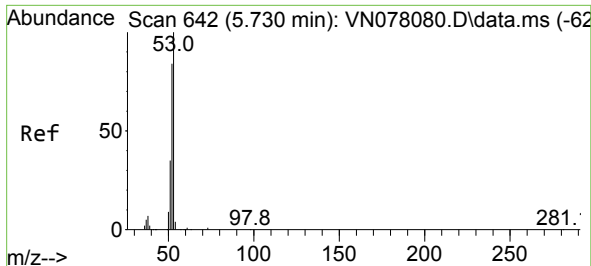
Tgt Ion: 56 Resp: 214572
Ion Ratio Lower Upper
56 100
55 69.7 54.5 81.7



#14
Allyl chloride
Concen: 55.942 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 41 Resp: 275556
Ion Ratio Lower Upper
41 100
39 73.2 58.8 88.2
76 42.3 39.1 58.7

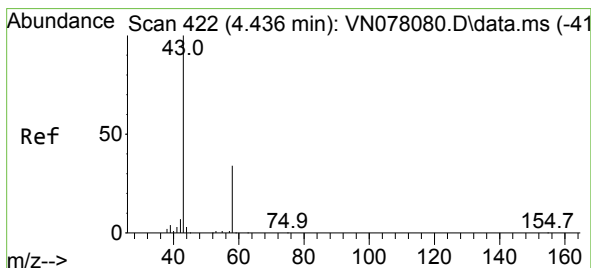
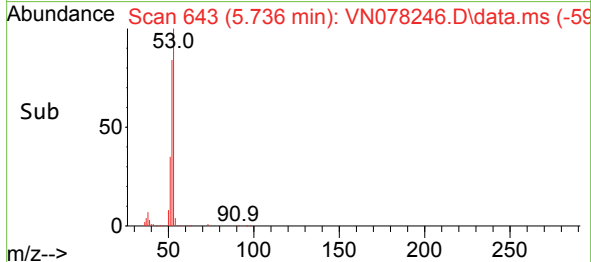
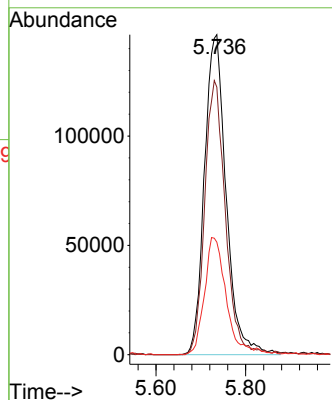
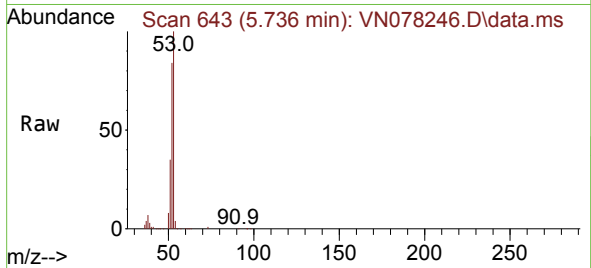




#15
Acrylonitrile
Concen: 280.247 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

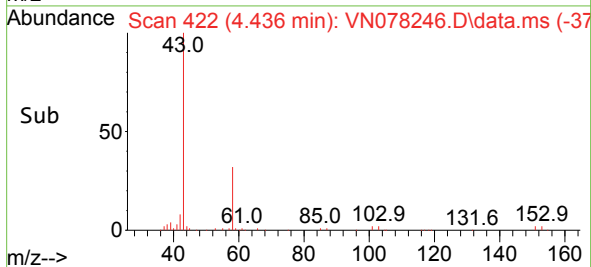
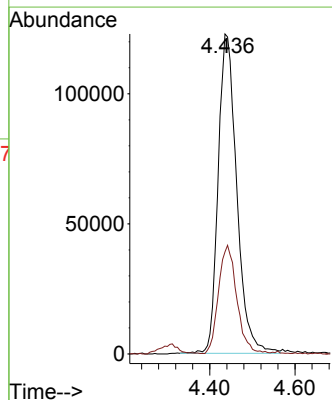
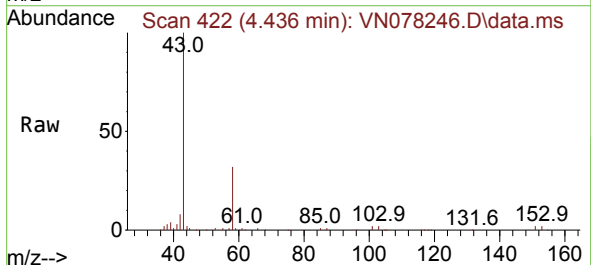
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

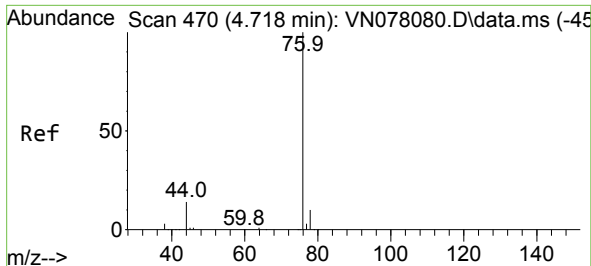
Tgt Ion: 53 Resp: 491529
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 36.1 28.9 43.3



#16
Acetone
Concen: 262.408 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 43 Resp: 372130
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

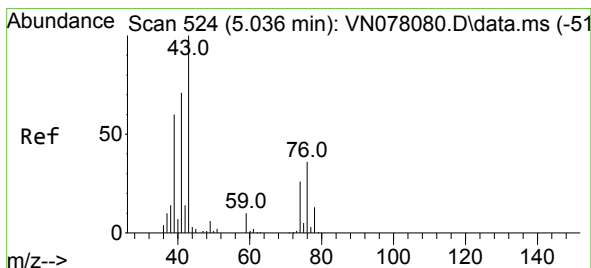
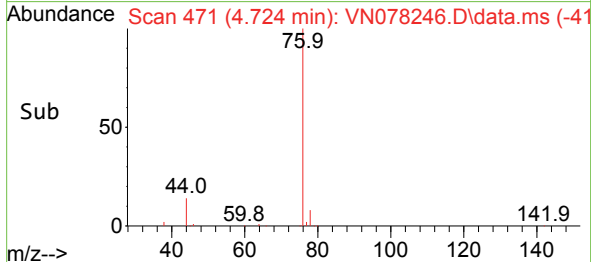
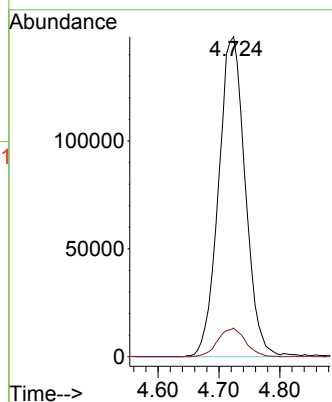
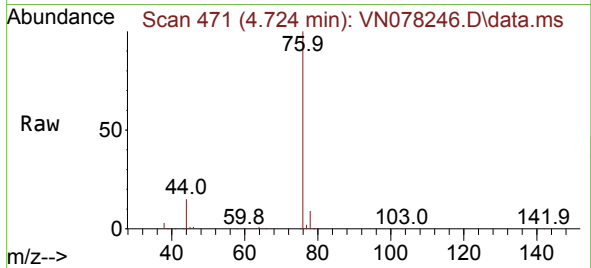




#17
Carbon Disulfide
Concen: 43.379 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

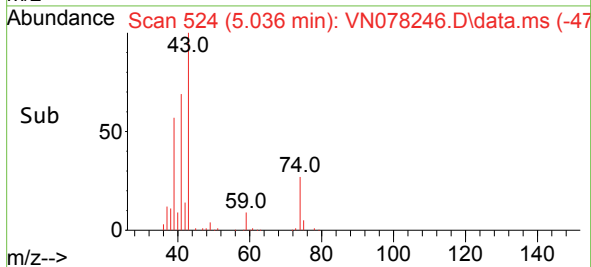
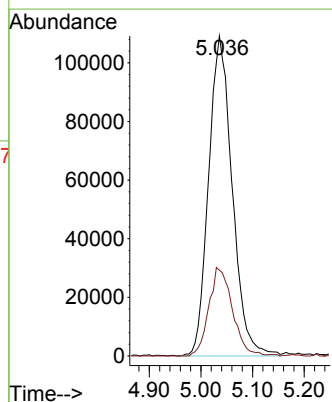
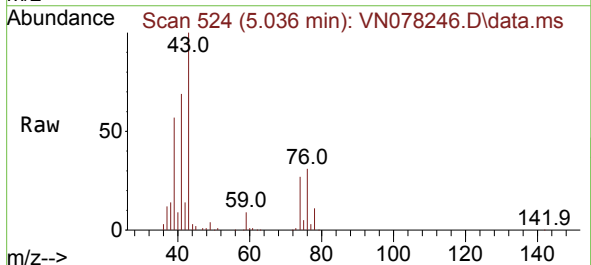
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

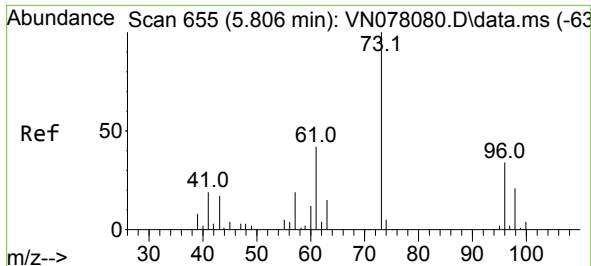
Tgt Ion: 76 Resp: 450545
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 53.208 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 43 Resp: 347398
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4

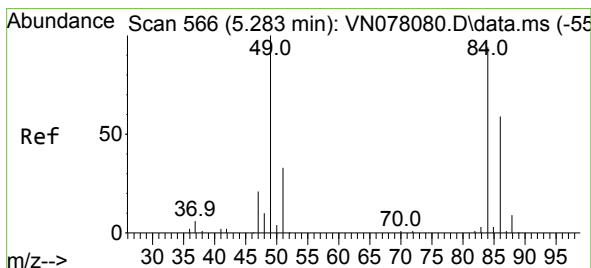
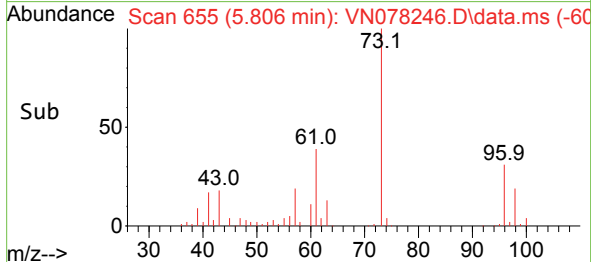
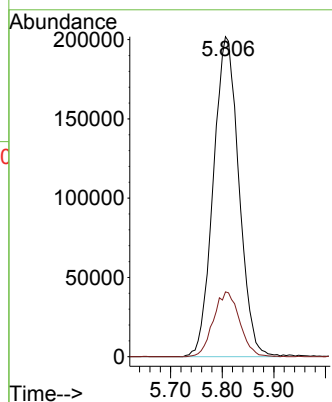
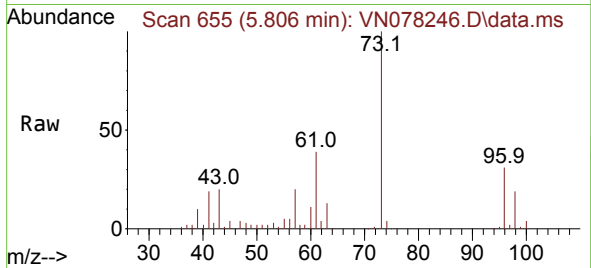




#19
Methyl tert-butyl Ether
Concen: 53.818 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

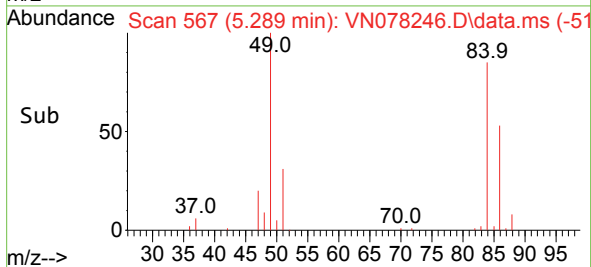
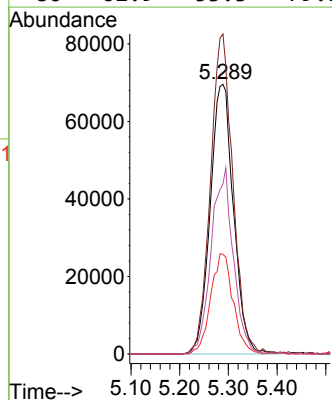
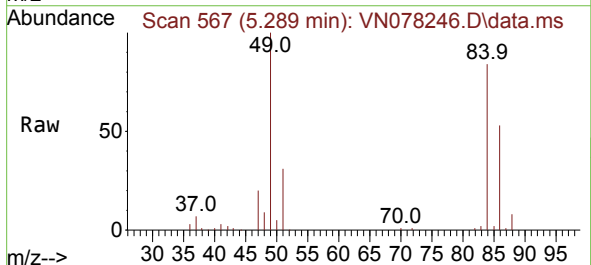
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

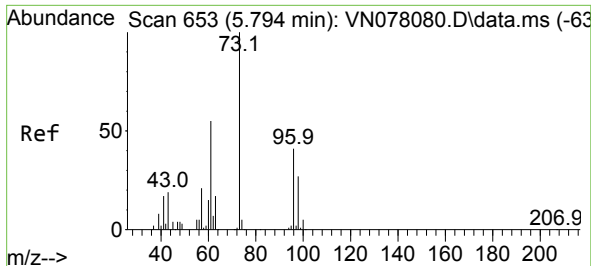
Tgt Ion: 73 Resp: 692884
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4



#20
Methylene Chloride
Concen: 49.321 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 84 Resp: 231131
Ion Ratio Lower Upper
84 100
49 118.7 79.7 119.5
51 37.0 25.2 37.8
86 62.9 53.3 79.9

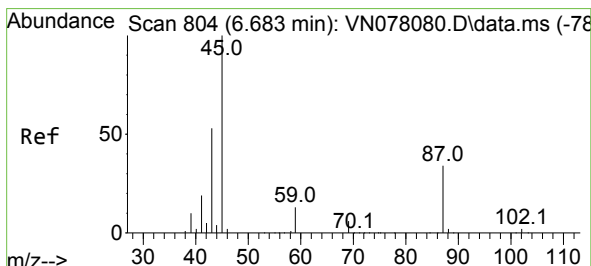
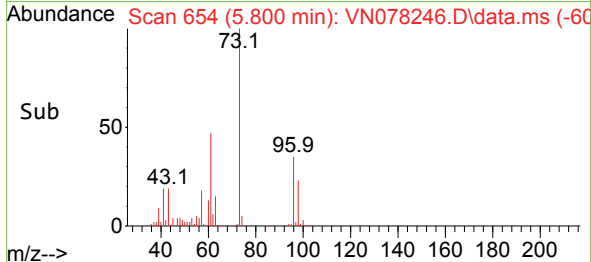
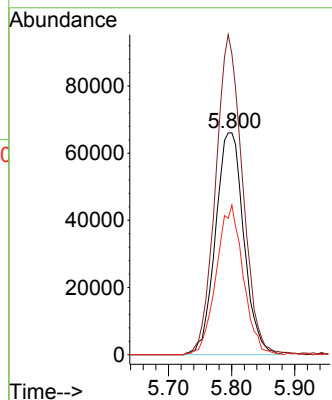
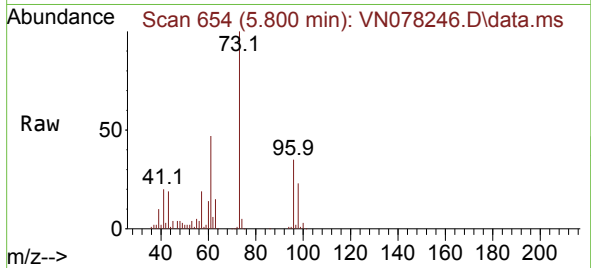




#21
trans-1,2-Dichloroethene
Concen: 47.174 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

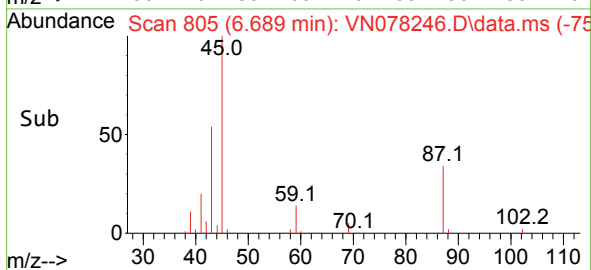
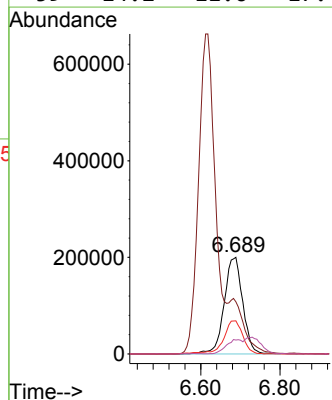
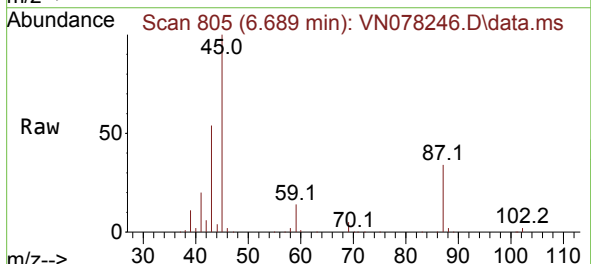
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

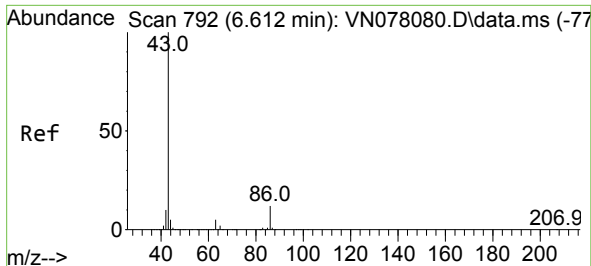
Tgt Ion: 96 Resp: 205313
Ion Ratio Lower Upper
96 100
61 135.6 90.1 135.1#
98 67.4 46.4 69.6



#22
Diisopropyl ether
Concen: 56.035 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 45 Resp: 649252
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 34.1 31.8 47.8
59 14.2 11.6 17.4

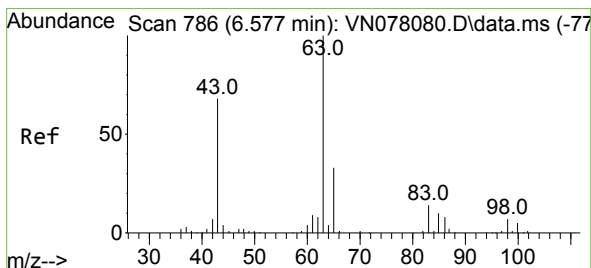
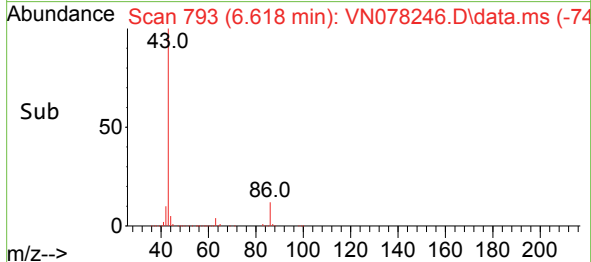
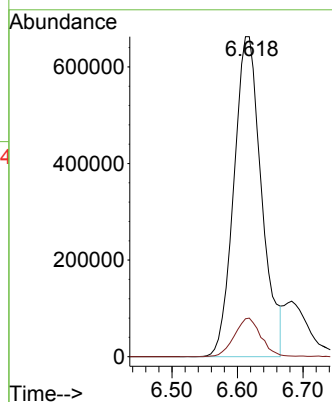
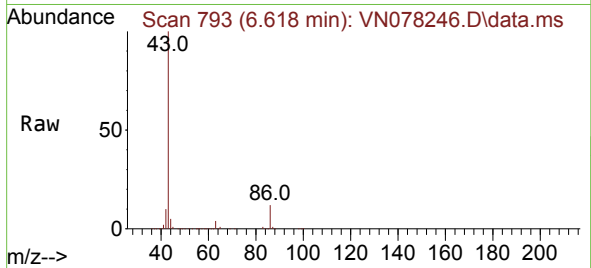




#23
 Vinyl Acetate
 Concen: 282.024 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

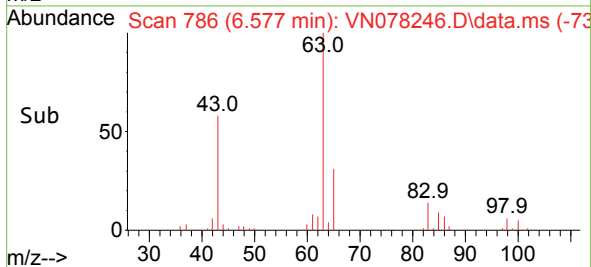
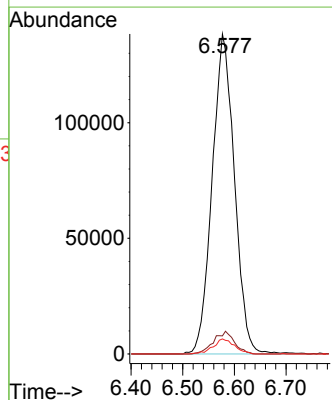
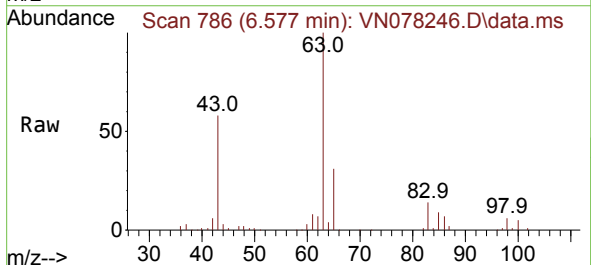
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

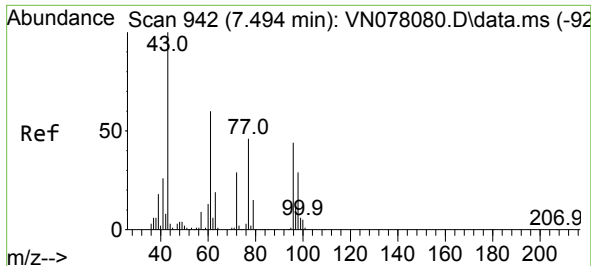
Tgt Ion: 43 Resp: 1942454
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 54.118 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

Tgt Ion: 63 Resp: 413642
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.9 11.7
 100 4.7 2.5 7.4

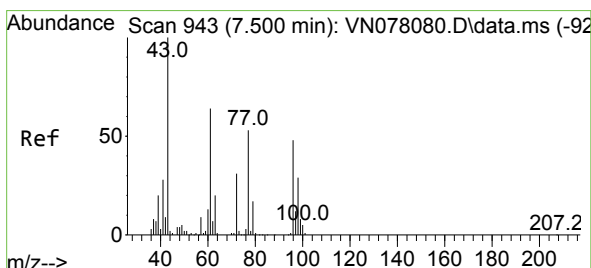
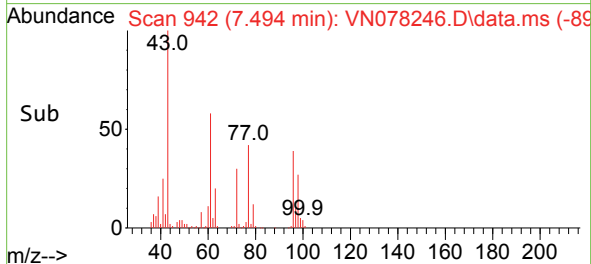
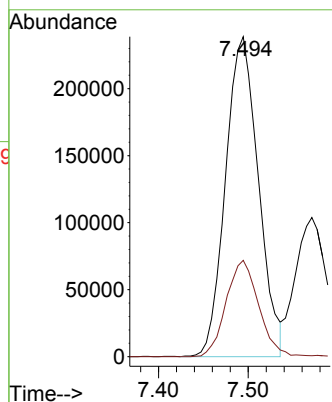
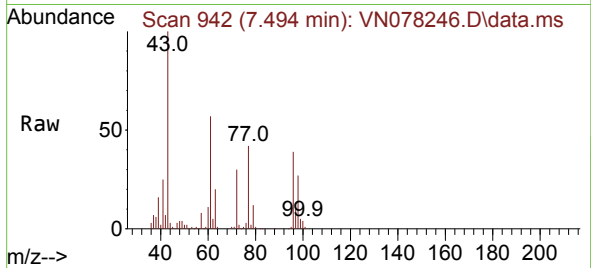




#25
2-Butanone
Concen: 278.929 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

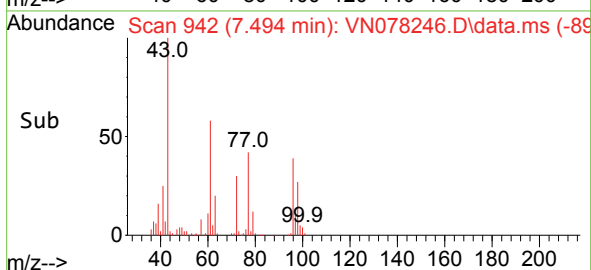
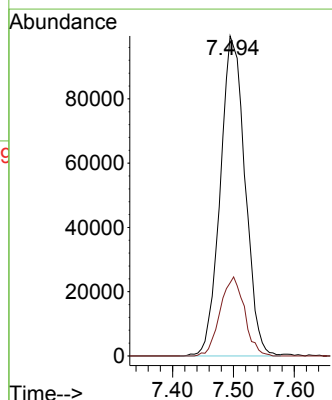
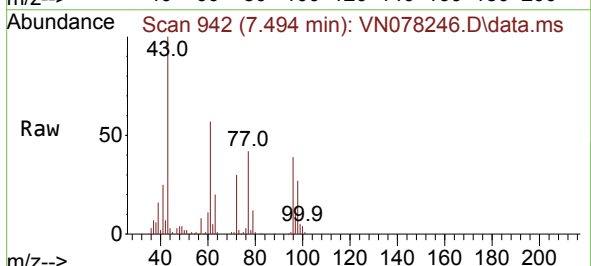
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

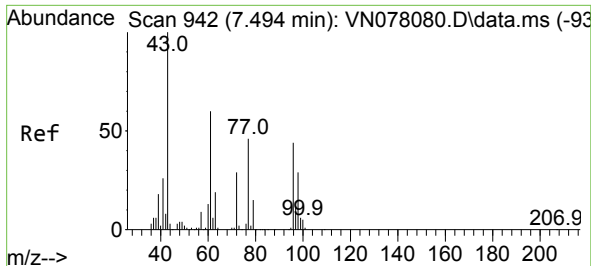
Tgt Ion: 43 Resp: 608285
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 49.920 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

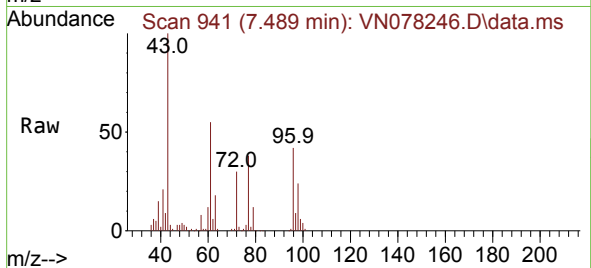
Tgt Ion: 77 Resp: 281731
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6



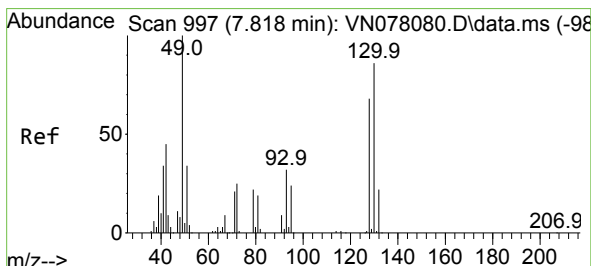
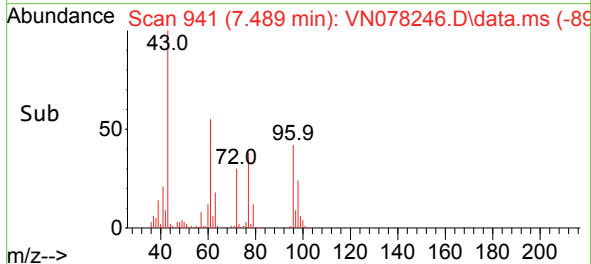
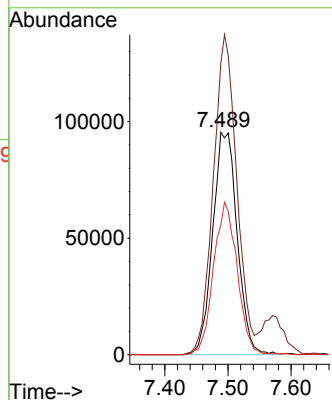


#27
 cis-1,2-Dichloroethene
 Concen: 49.516 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

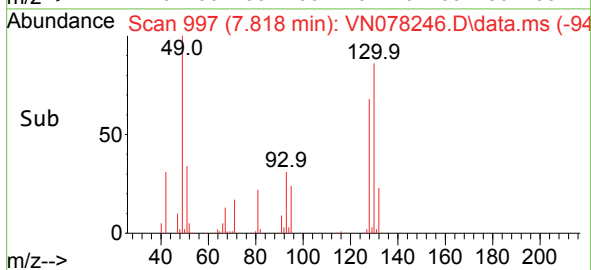
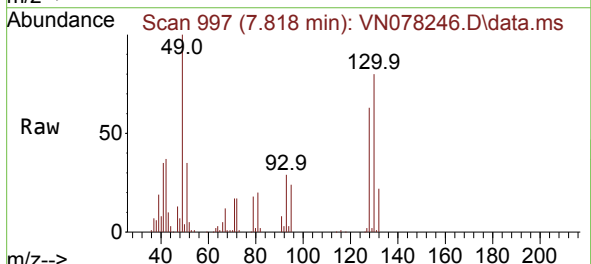
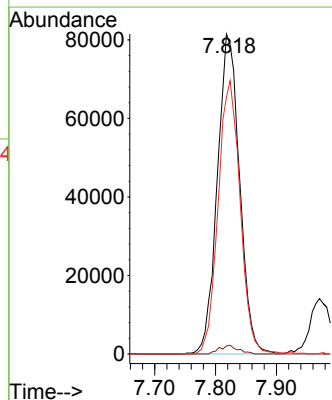


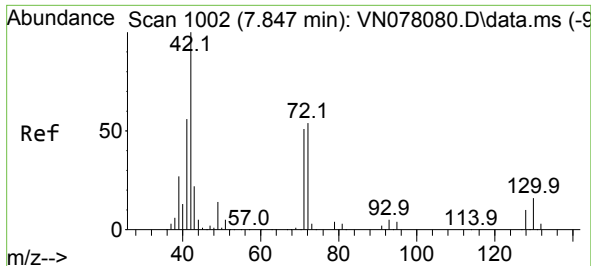
Tgt Ion: 96 Resp: 257055
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 255.2
 98 66.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 58.902 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

Tgt Ion: 49 Resp: 206710
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 84.4 75.3 112.9

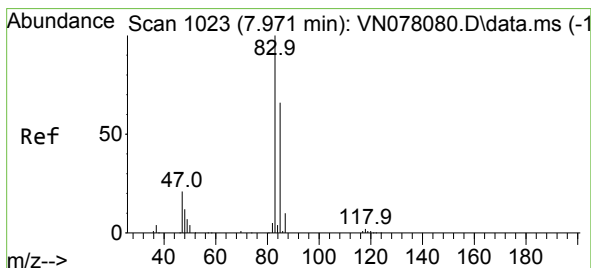
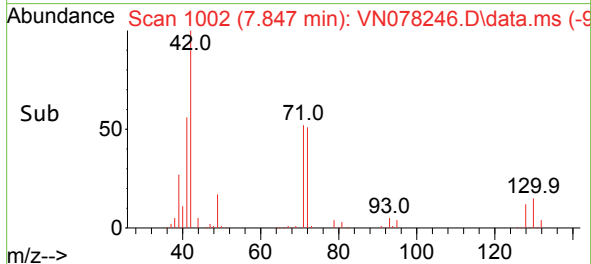
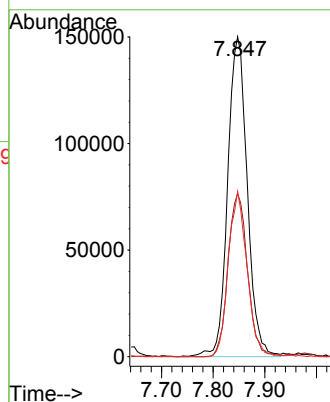
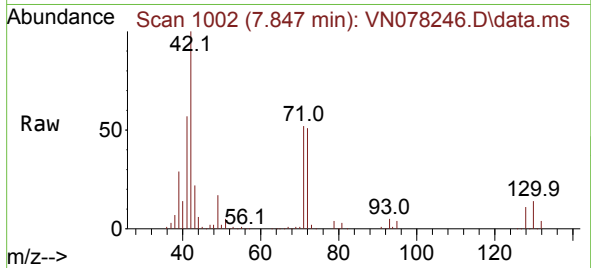




#29
Tetrahydrofuran
Concen: 270.430 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

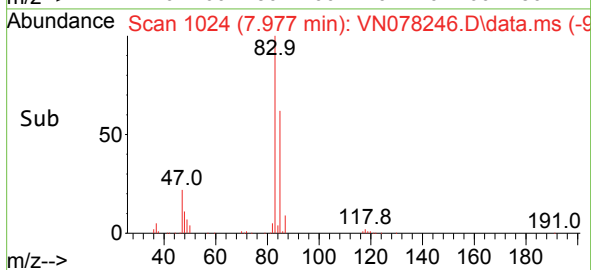
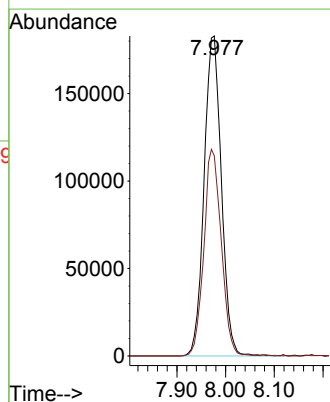
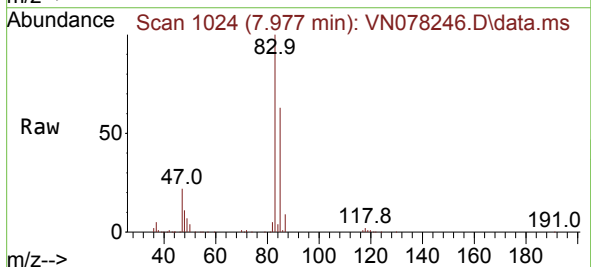
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

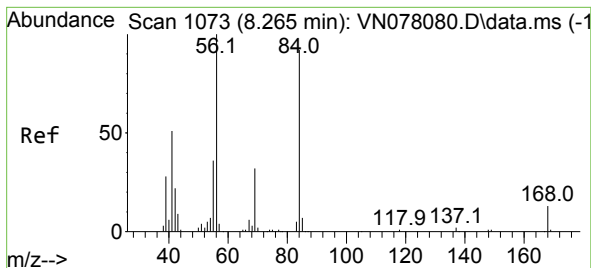
Tgt Ion: 42 Resp: 394252
Ion Ratio Lower Upper
42 100
72 50.7 49.8 74.6
71 49.5 47.4 71.2



#30
Chloroform
Concen: 54.664 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 83 Resp: 449912
Ion Ratio Lower Upper
83 100
85 62.6 55.4 83.0





#31

Cyclohexane

Concen: 44.062 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

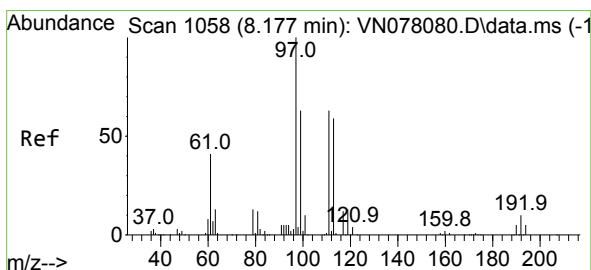
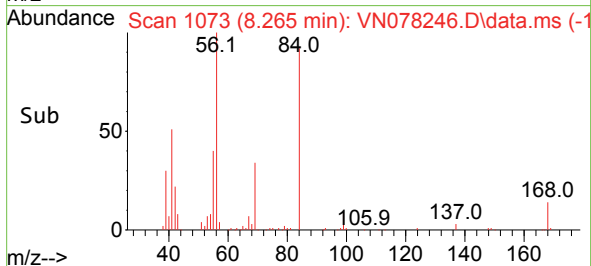
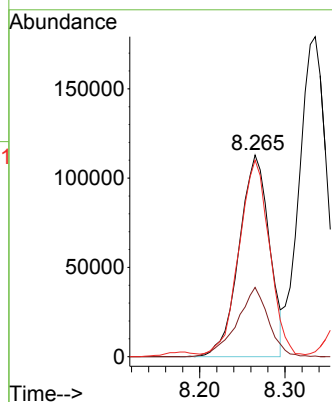
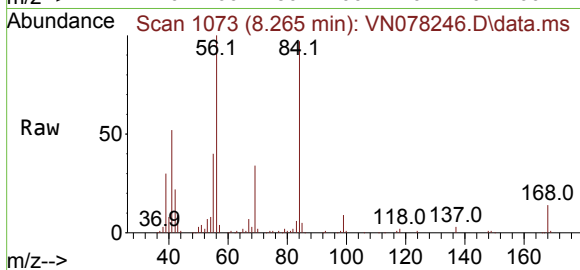
Tgt Ion: 56 Resp: 278476

Ion Ratio Lower Upper

56 100

69 34.3 26.8 40.2

84 95.2 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 53.133 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

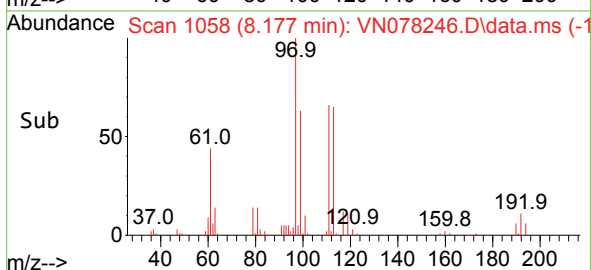
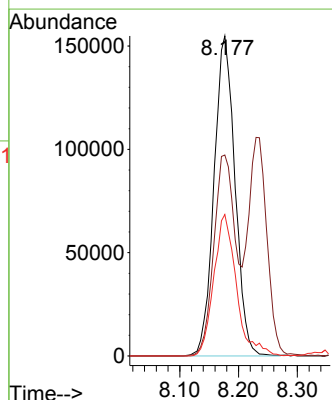
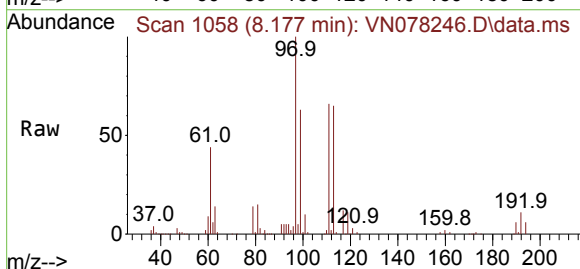
Tgt Ion: 97 Resp: 383929

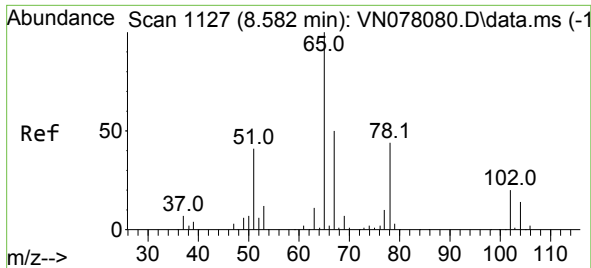
Ion Ratio Lower Upper

97 100

99 65.8 50.3 75.5

61 47.7 34.7 52.1

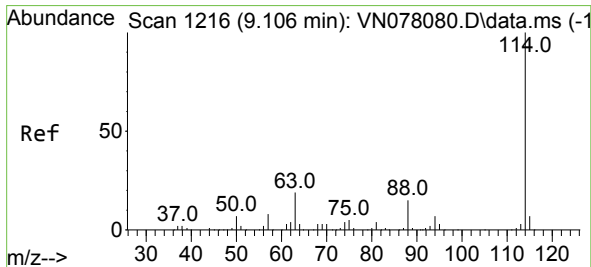
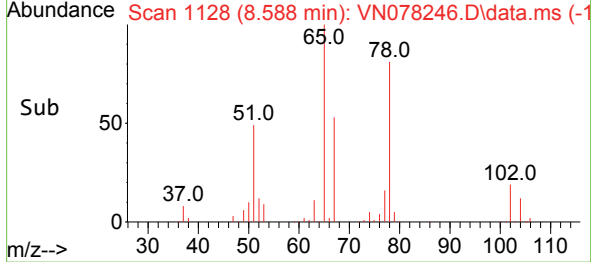
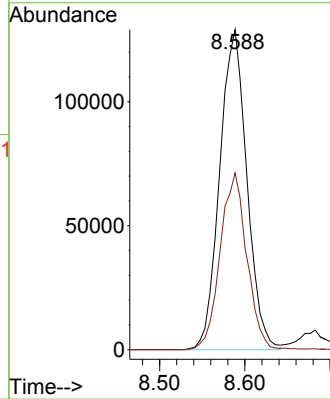
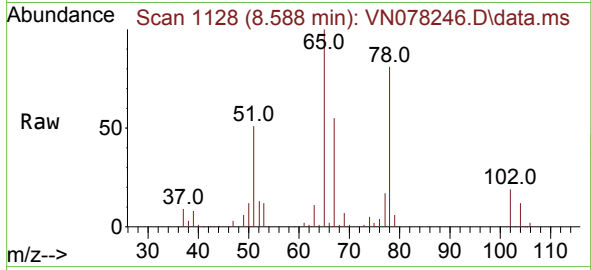




#33
 1,2-Dichloroethane-d4
 Concen: 58.034 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

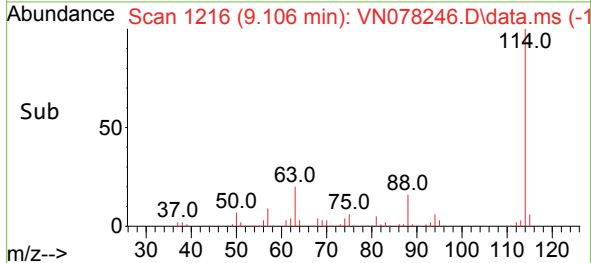
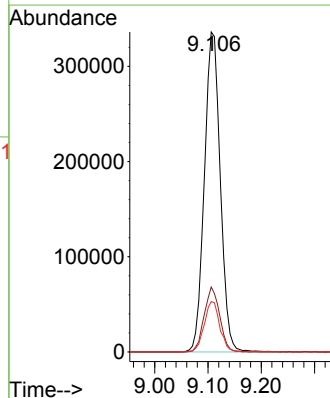
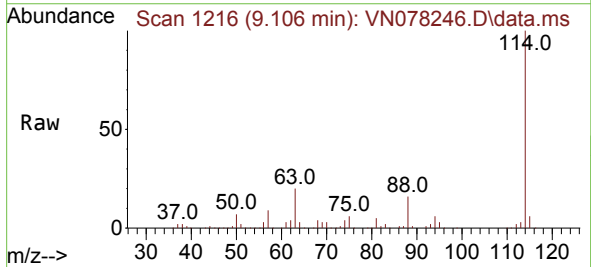
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

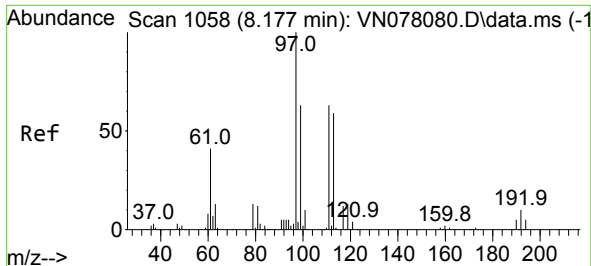
Tgt Ion: 65 Resp: 285927
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

Tgt Ion: 114 Resp: 698927
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 36.4
 88 15.8 0.0 30.6

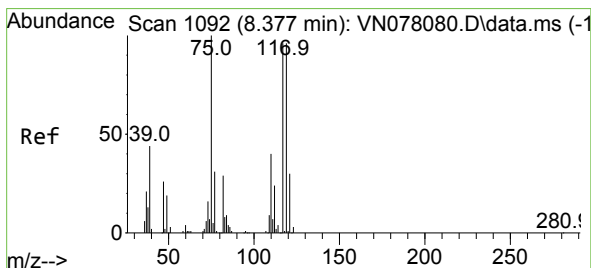
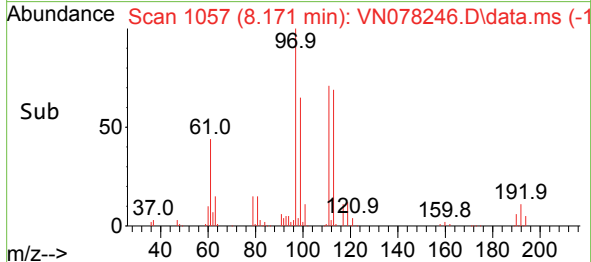
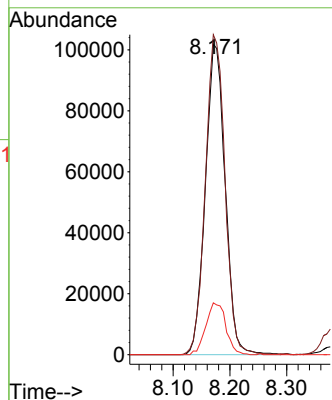
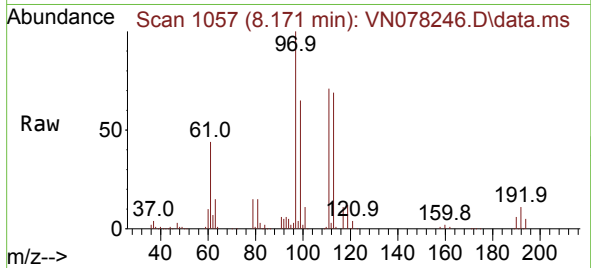




#35
Dibromofluoromethane
Concen: 55.644 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

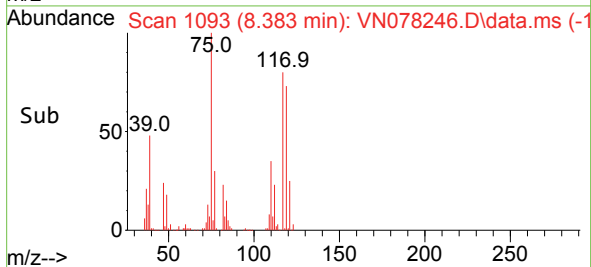
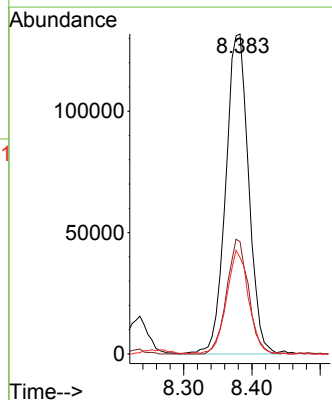
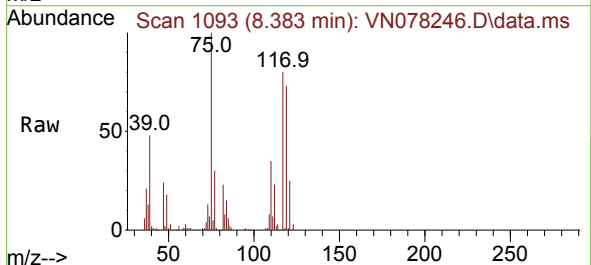
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

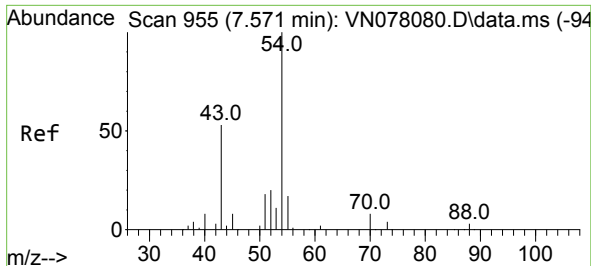
Tgt Ion:113 Resp: 245902
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 16.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 48.623 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 75 Resp: 308212
Ion Ratio Lower Upper
75 100
110 34.3 19.1 57.3
77 31.5 25.0 37.4

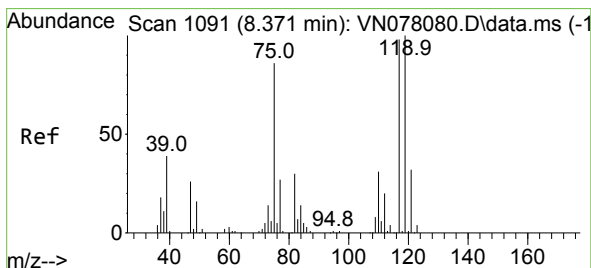
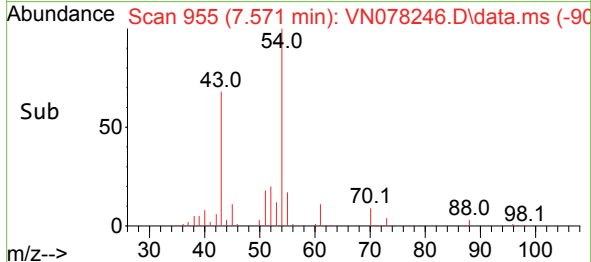
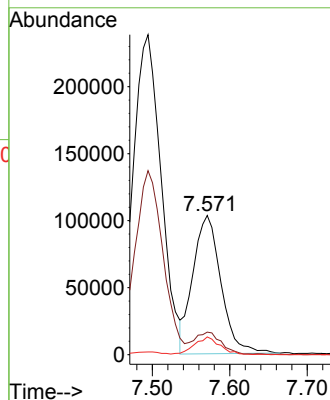
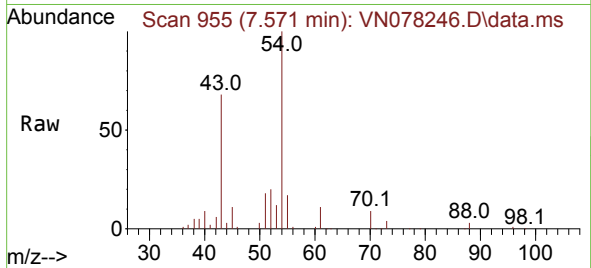




#37
Ethyl Acetate
Concen: 52.484 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

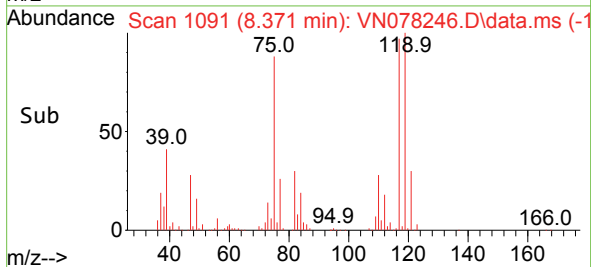
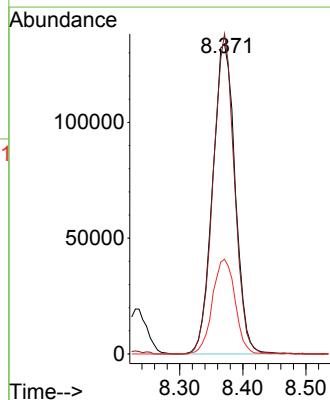
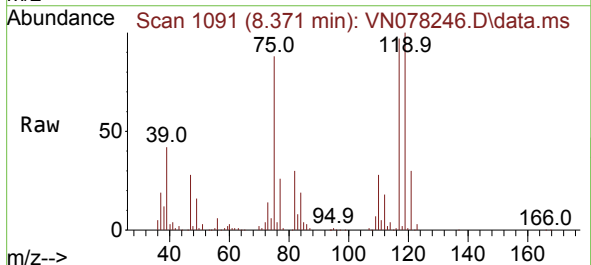
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

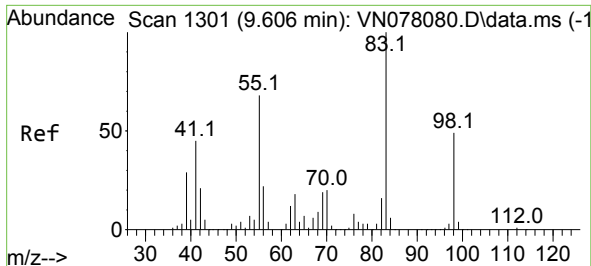
Tgt Ion: 43 Resp: 259895
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 11.9 11.3 16.9



#38
Carbon Tetrachloride
Concen: 49.638 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 117 Resp: 332235
Ion Ratio Lower Upper
117 100
119 103.3 77.3 115.9
121 30.6 23.3 34.9





#39

Methylcyclohexane

Concen: 40.428 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

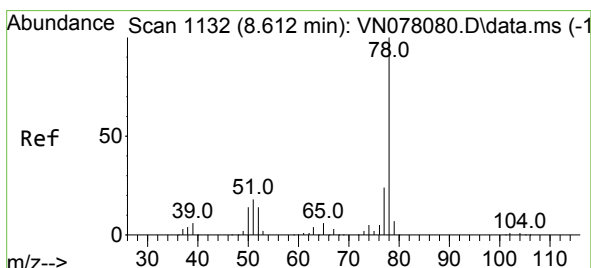
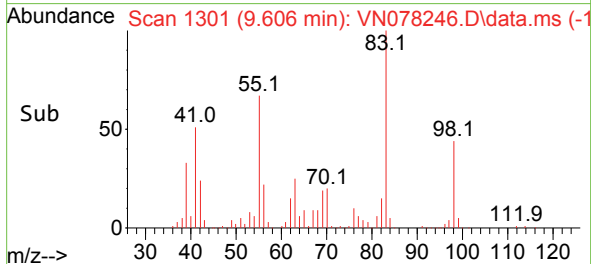
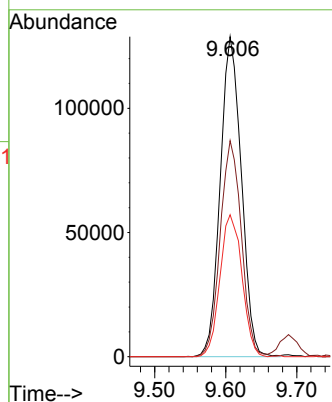
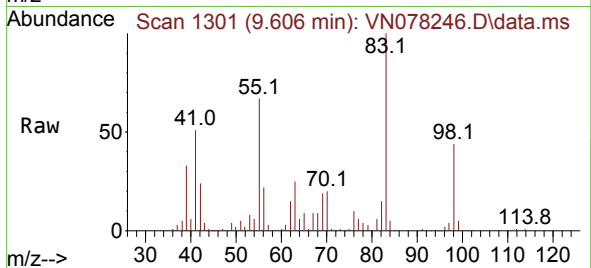
Tgt Ion: 83 Resp: 265578

Ion Ratio Lower Upper

83 100

55 67.5 49.1 73.7

98 44.4 40.6 61.0



#40

Benzene

Concen: 50.405 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078246.D

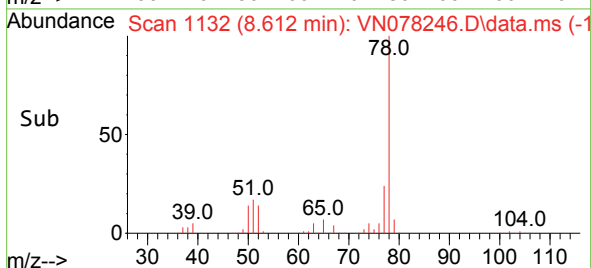
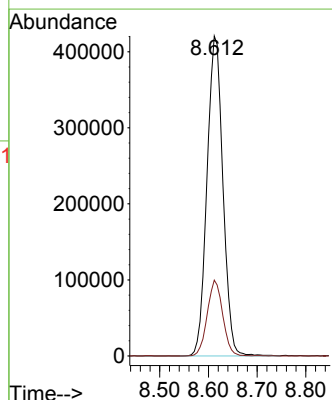
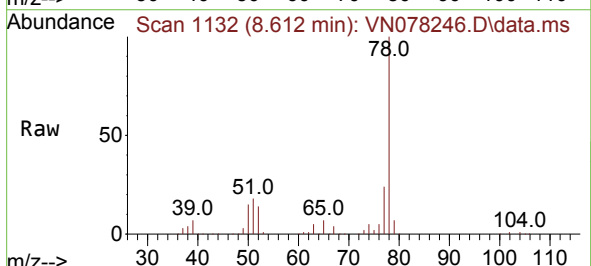
Acq: 15 Jun 2023 22:22

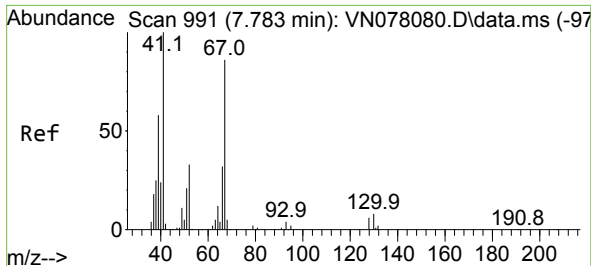
Tgt Ion: 78 Resp: 953876

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

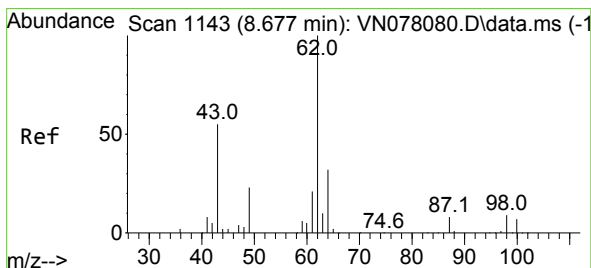
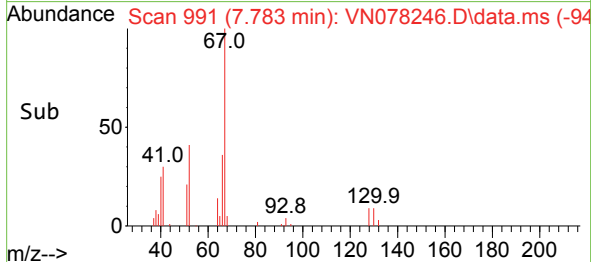
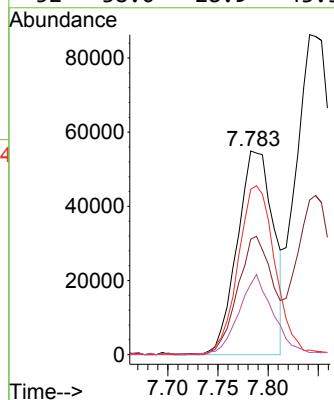
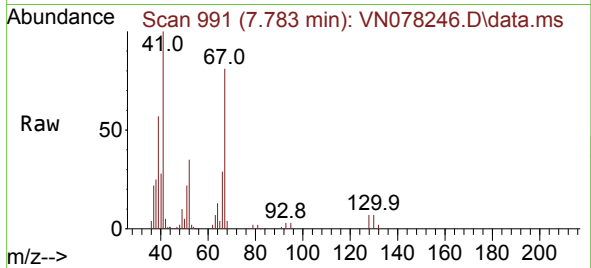




#41
Methacrylonitrile
Concen: 51.454 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

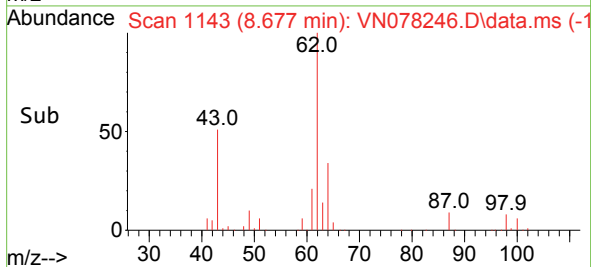
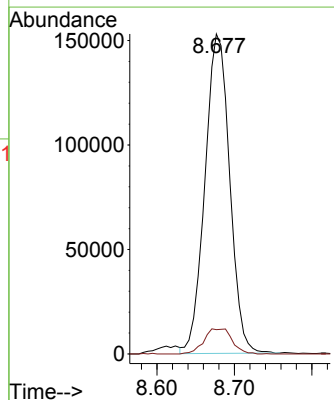
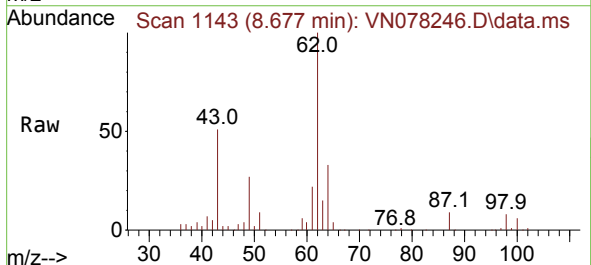
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

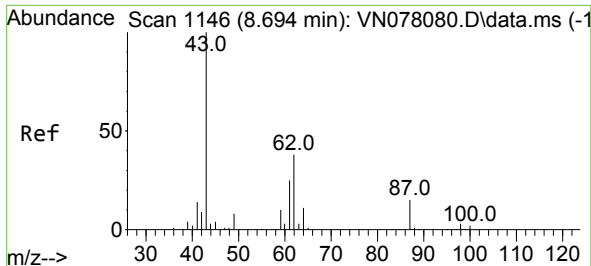
Tgt Ion:	41	Resp:	138108
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.6	64.0
67	84.8	77.5	116.3
52	38.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 52.213 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:	62	Resp:	338782
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

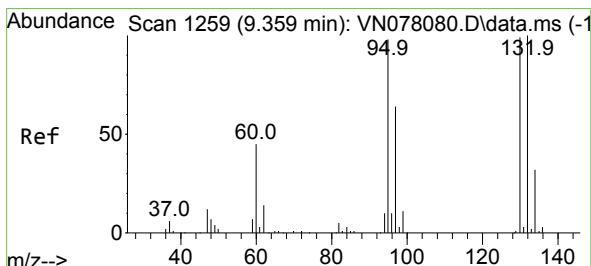
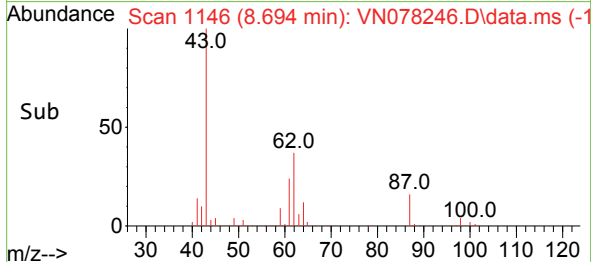
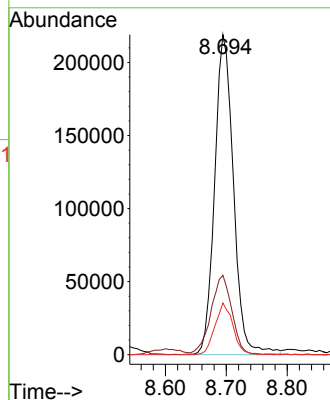
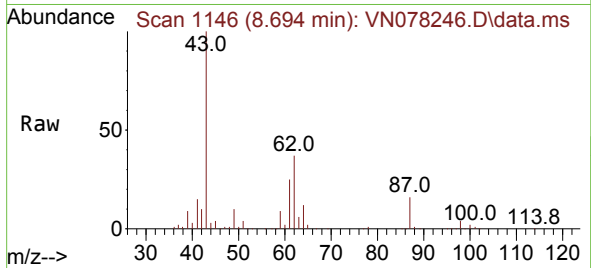




#43
Isopropyl Acetate
Concen: 49.711 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

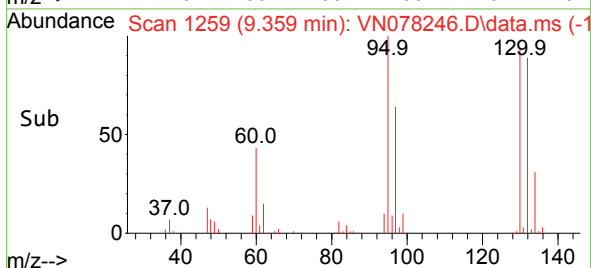
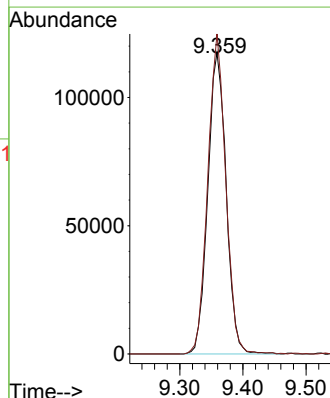
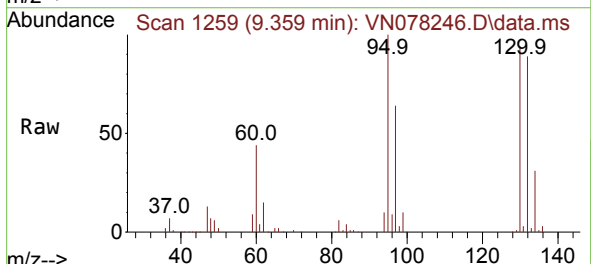
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ClientSampleId :
VSTDCCC050EC

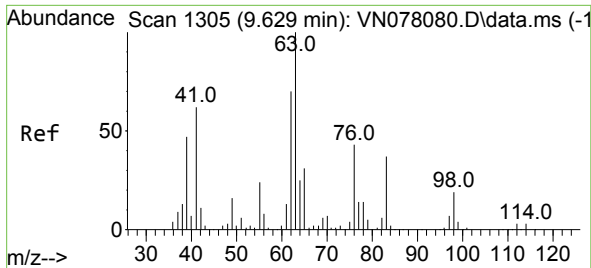
Tgt Ion: 43 Resp: 470777
Ion Ratio Lower Upper
43 100
61 27.4 24.7 37.1
87 15.4 14.6 21.8



#44
Trichloroethene
Concen: 47.475 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:130 Resp: 237264
Ion Ratio Lower Upper
130 100
95 106.2 0.0 204.6

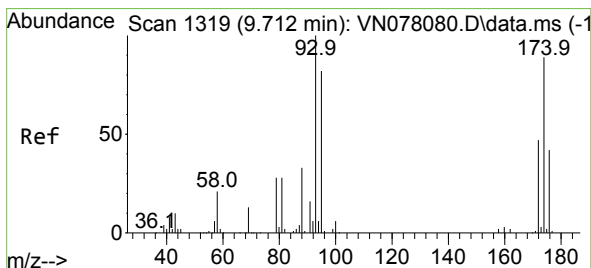
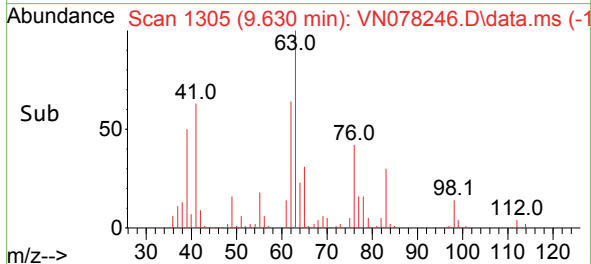
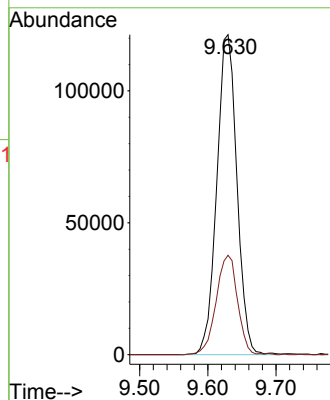
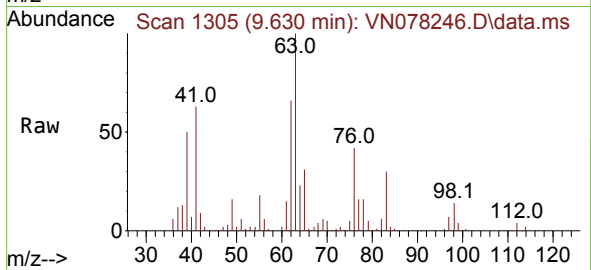




#45
1,2-Dichloropropane
Concen: 52.978 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

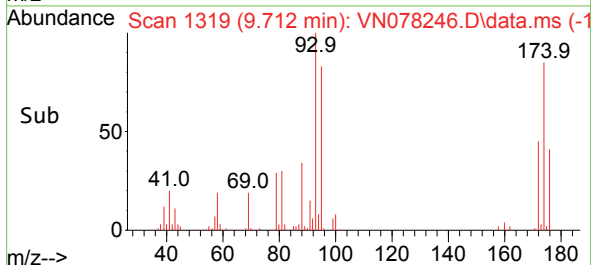
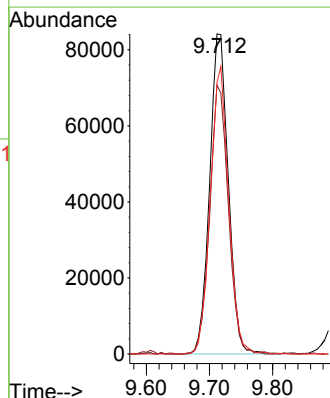
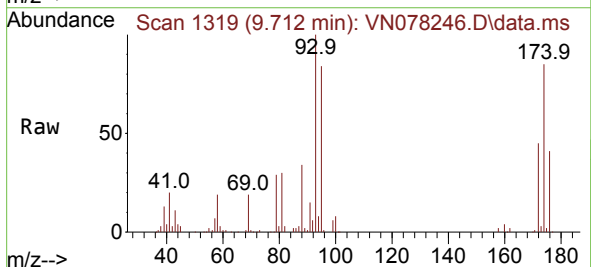
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

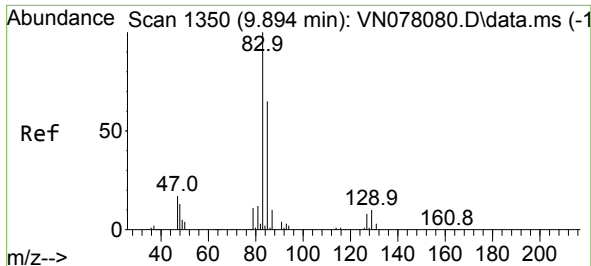
Tgt Ion: 63 Resp: 249441
Ion Ratio Lower Upper
63 100
65 31.0 23.9 35.9



#46
Dibromomethane
Concen: 49.922 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 93 Resp: 173129
Ion Ratio Lower Upper
93 100
95 83.4 63.8 95.8
174 88.0 65.6 98.4

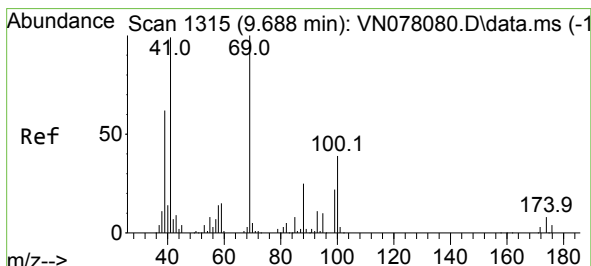
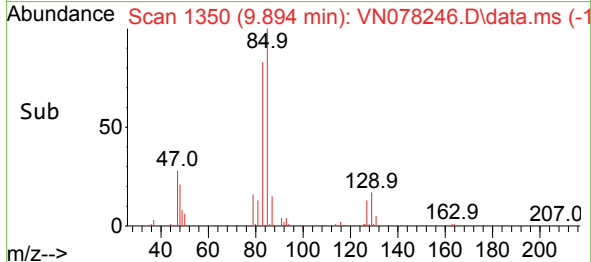
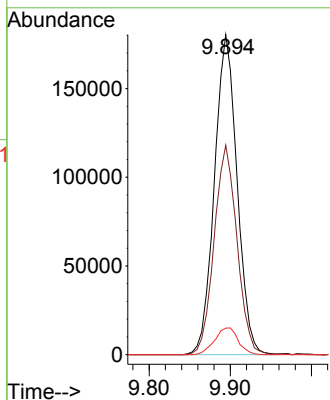
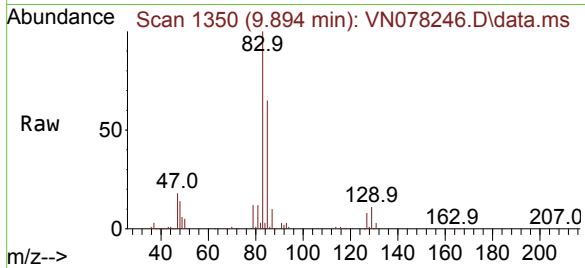




#47
Bromodichloromethane
Concen: 54.376 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

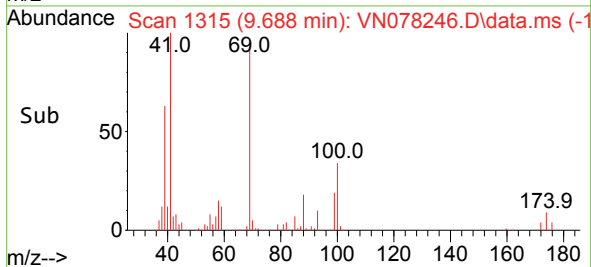
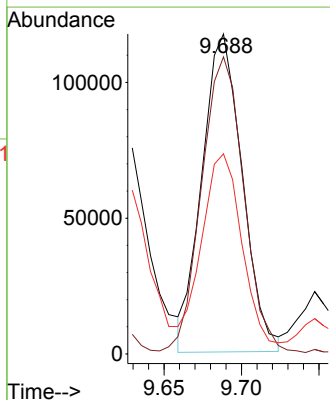
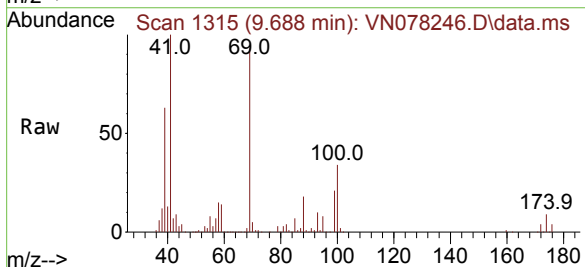
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

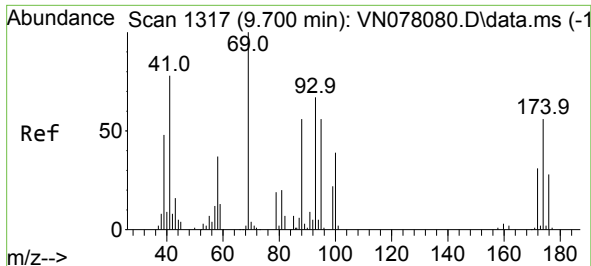
Tgt Ion: 83 Resp: 350288
Ion Ratio Lower Upper
83 100
85 65.4 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 53.297 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 41 Resp: 211815
Ion Ratio Lower Upper
41 100
69 97.4 90.4 135.6
39 64.1 54.6 81.8

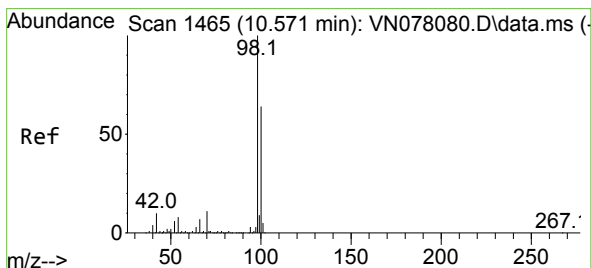
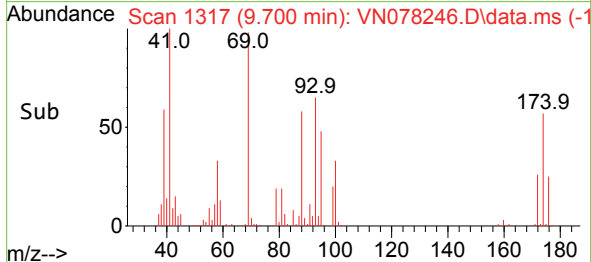
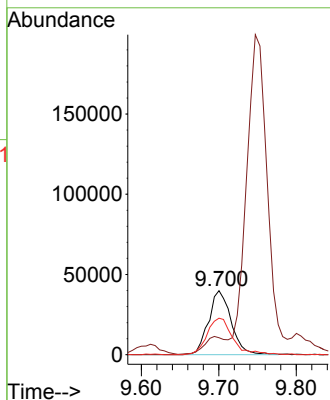
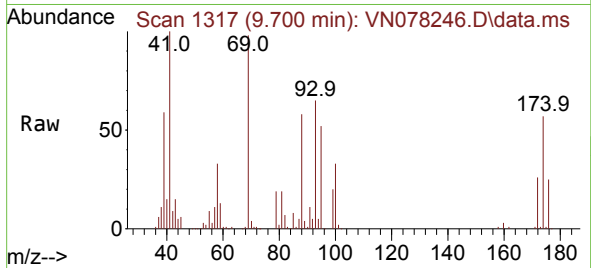




#49
1,4-Dioxane
Concen: 968.856 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

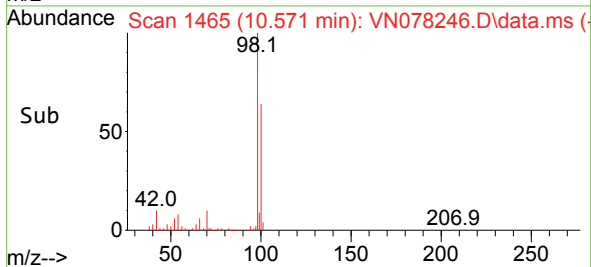
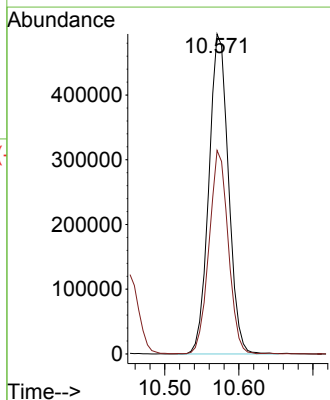
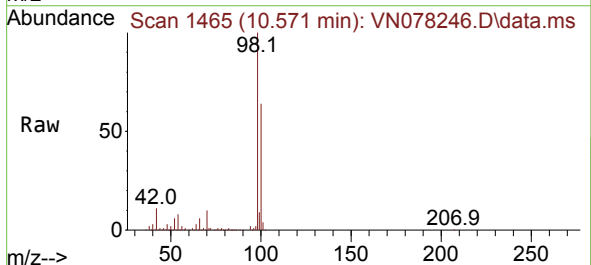
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

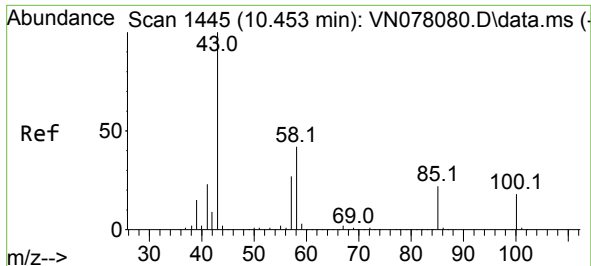
Tgt Ion: 88 Resp: 80929
Ion Ratio Lower Upper
88 100
43 27.4 17.0 25.6#
58 64.9 47.0 70.4



#50
Toluene-d8
Concen: 53.175 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 98 Resp: 905916
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0

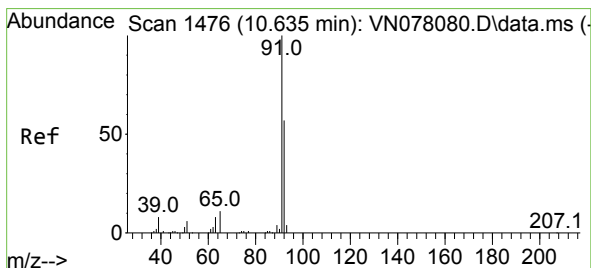
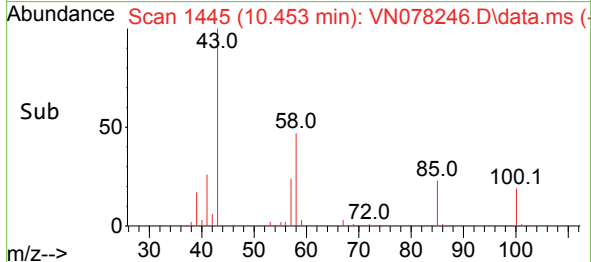
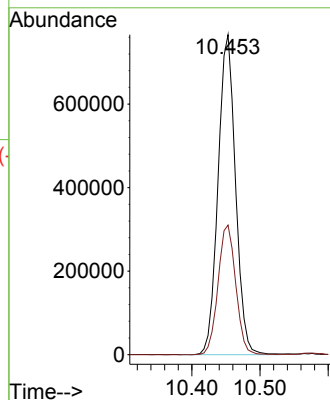
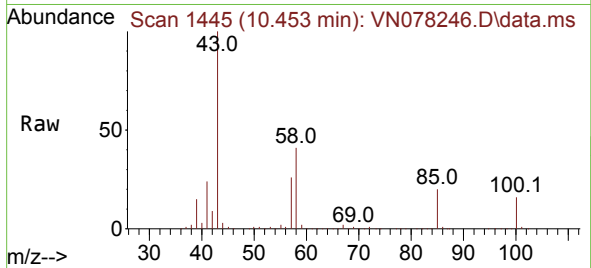




#51
4-Methyl-2-Pentanone
Concen: 273.879 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

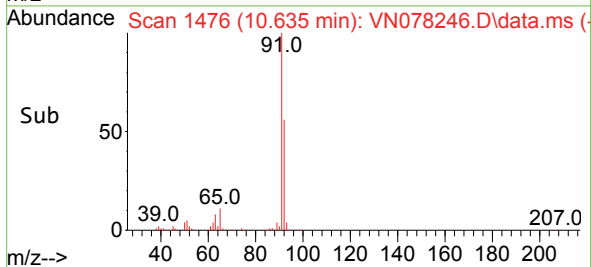
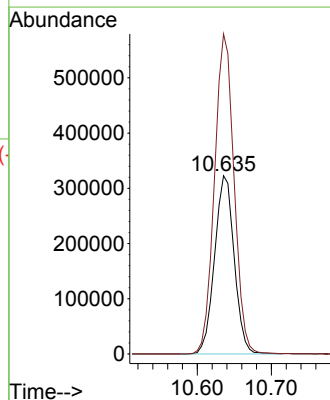
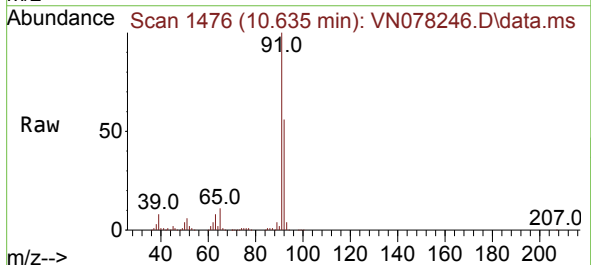
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

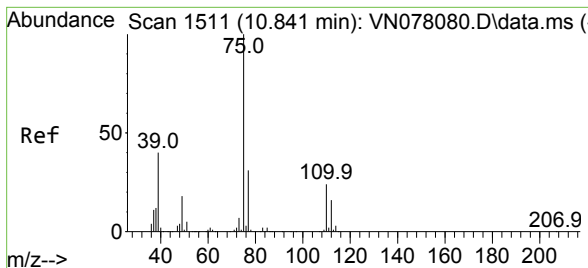
Tgt Ion: 43 Resp: 1365826
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8



#52
Toluene
Concen: 49.548 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 92 Resp: 592006
Ion Ratio Lower Upper
92 100
91 179.7 137.4 206.0

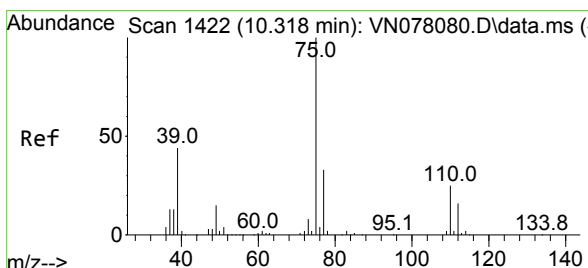
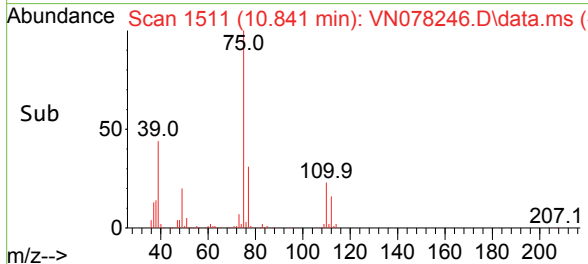
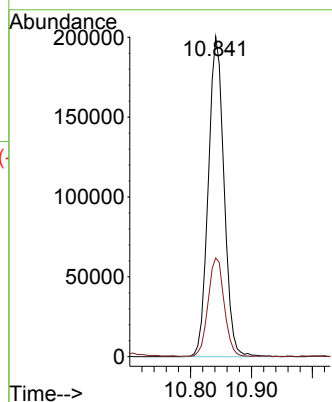
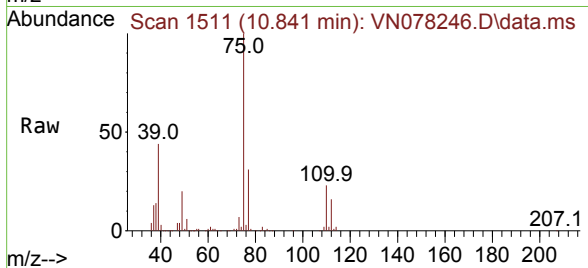




#53
t-1,3-Dichloropropene
Concen: 53.679 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

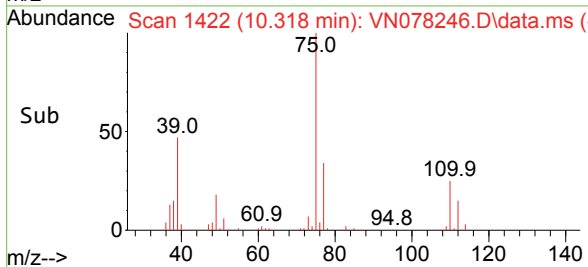
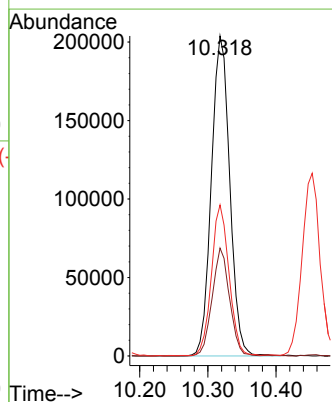
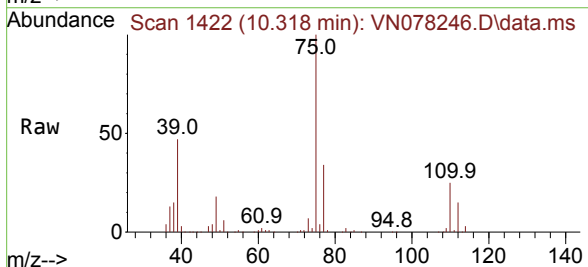
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

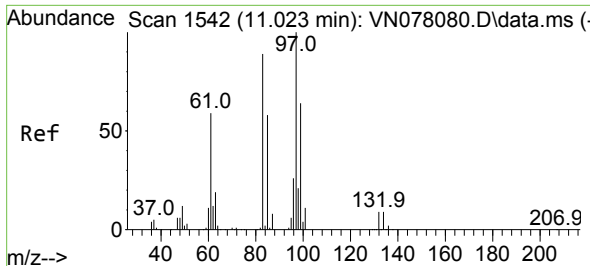
Tgt Ion: 75 Resp: 360128
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 51.648 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 75 Resp: 383031
Ion Ratio Lower Upper
75 100
77 33.7 26.1 39.1
39 47.0 31.6 47.4

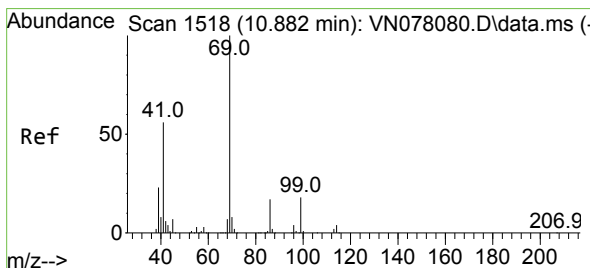
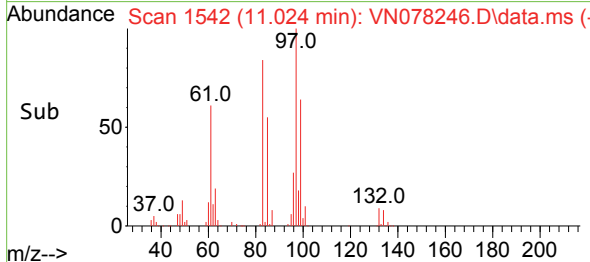
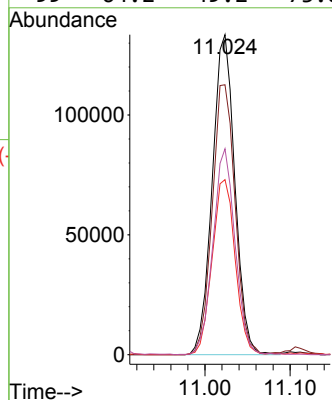
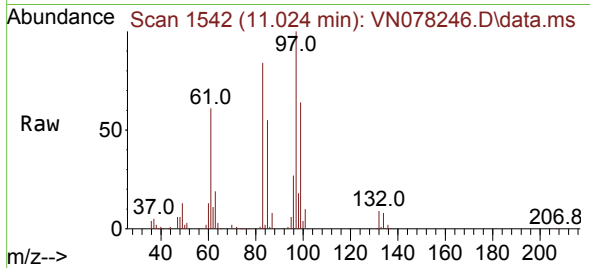




#55
1,1,2-Trichloroethane
Concen: 54.411 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

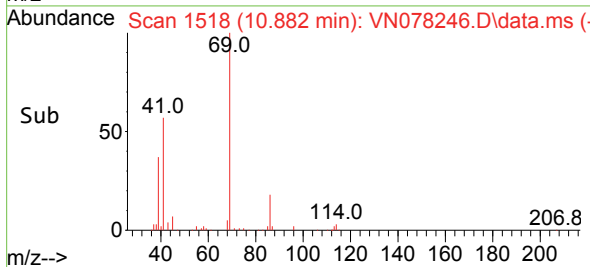
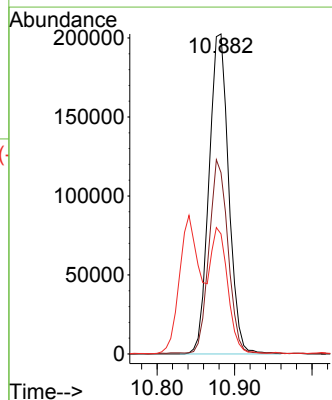
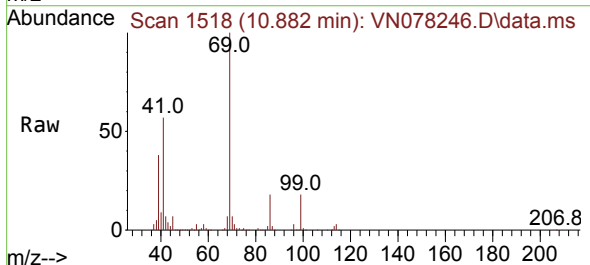
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

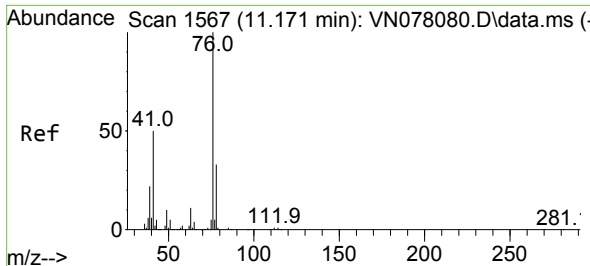
Tgt Ion:	97	Resp:	245933
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.1	97.7
85	54.7	43.4	65.2
99	64.2	49.2	73.8



#56
Ethyl methacrylate
Concen: 54.281 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:	69	Resp:	357242
Ion	Ratio	Lower	Upper
69	100		
41	59.3	39.6	59.4
39	32.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.801 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

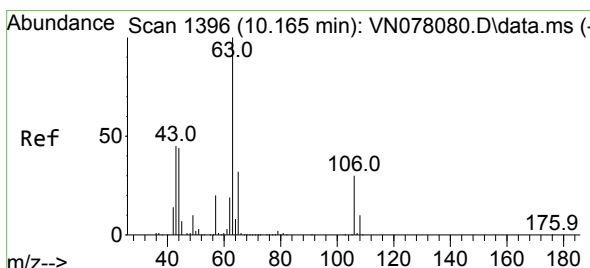
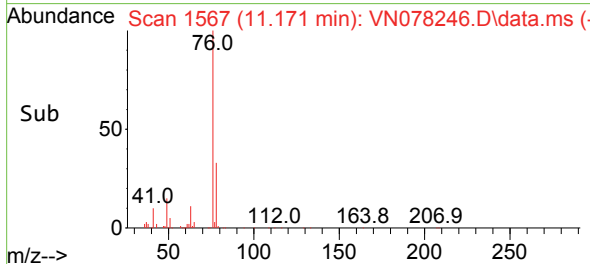
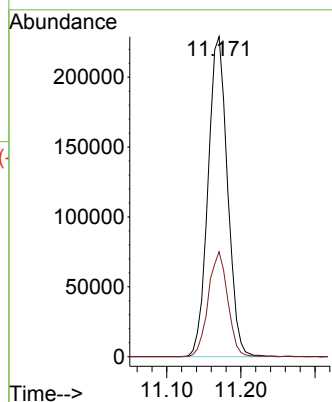
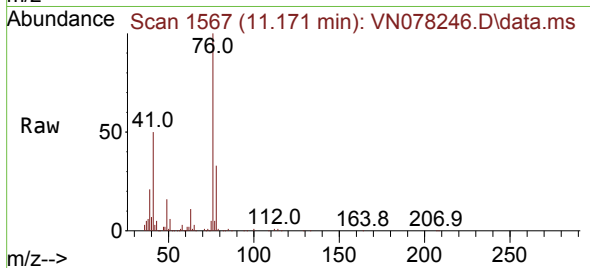
VSTDCCC050EC

Tgt Ion: 76 Resp: 418099

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 258.185 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078246.D

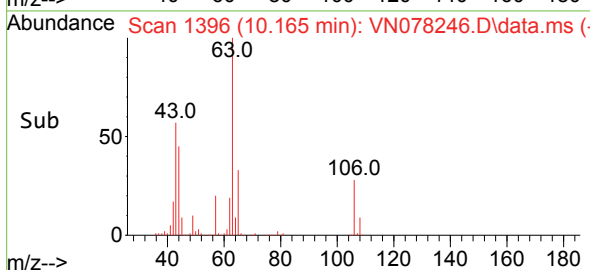
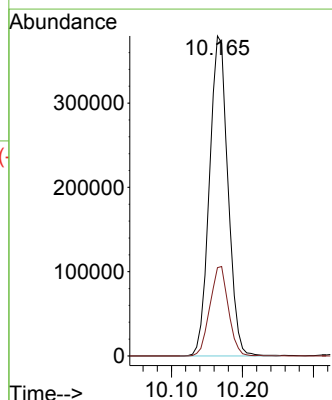
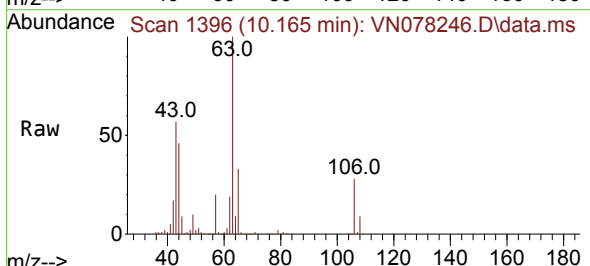
Acq: 15 Jun 2023 22:22

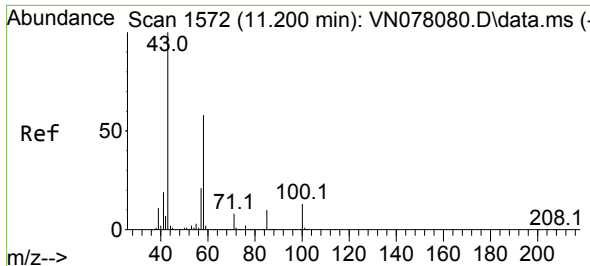
Tgt Ion: 63 Resp: 686420

Ion Ratio Lower Upper

63 100

106 28.0 26.2 39.4

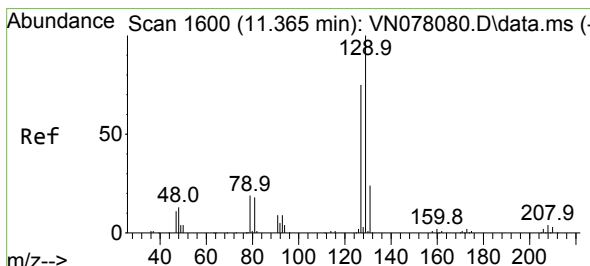
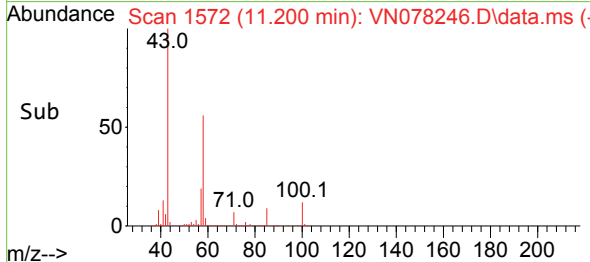
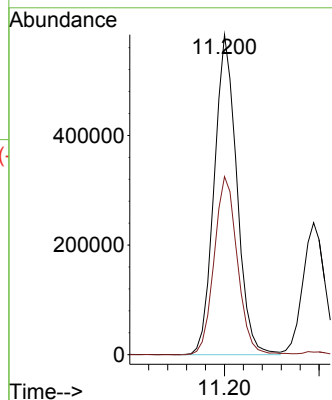
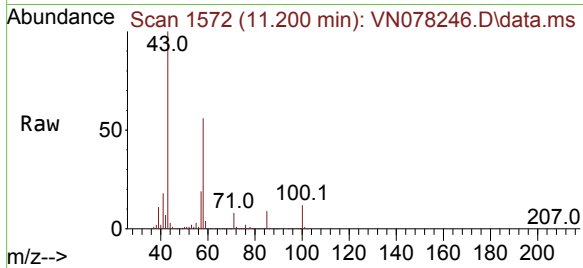




#59
2-Hexanone
Concen: 278.413 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

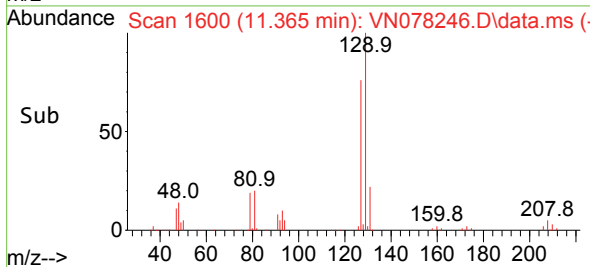
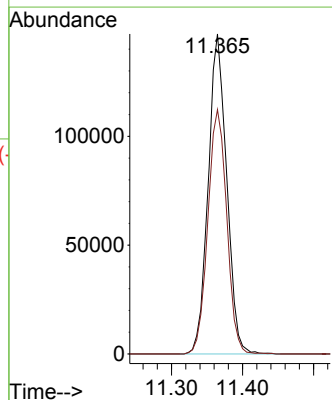
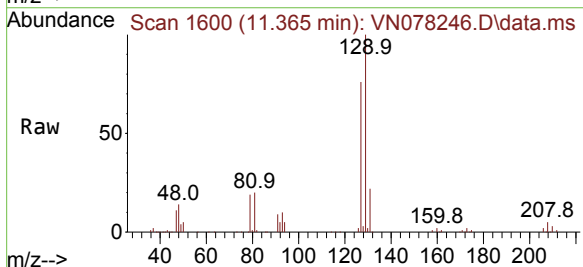
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

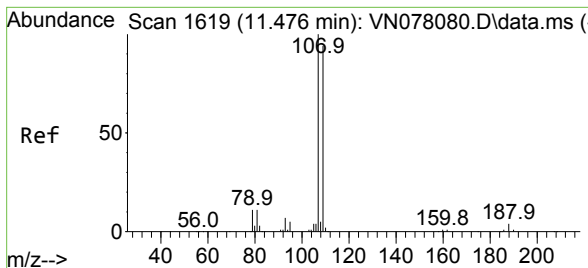
Tgt Ion: 43 Resp: 966754
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1



#60
Dibromochloromethane
Concen: 53.725 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:129 Resp: 265720
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0

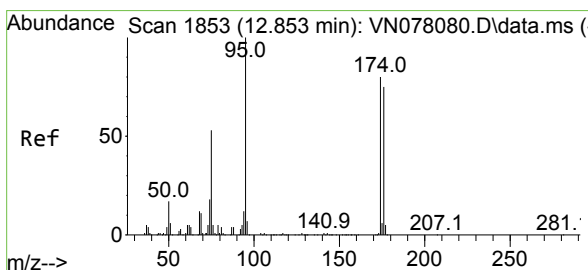
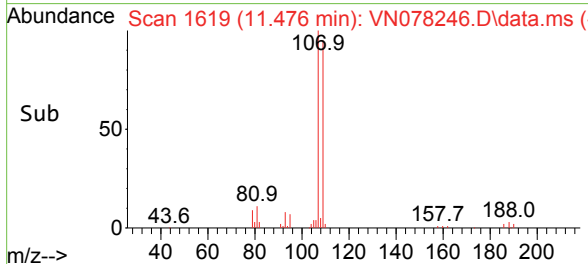
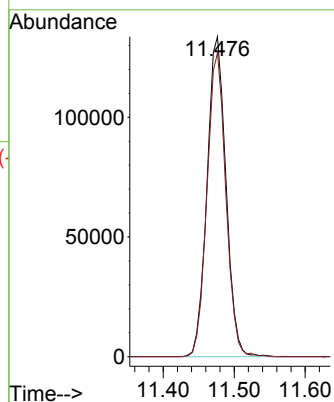
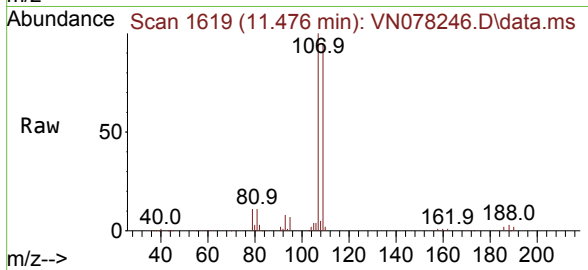




#61
1,2-Dibromoethane
Concen: 52.256 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

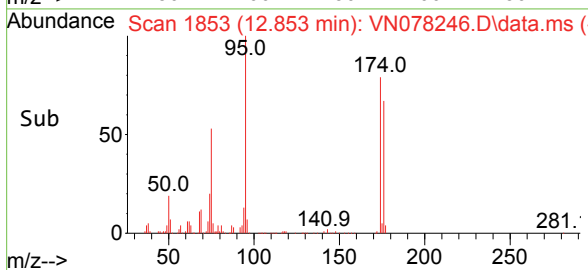
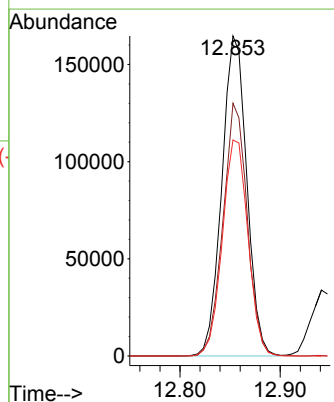
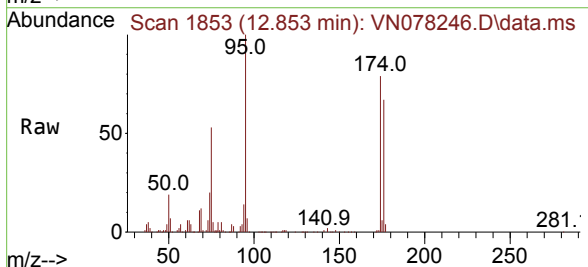
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

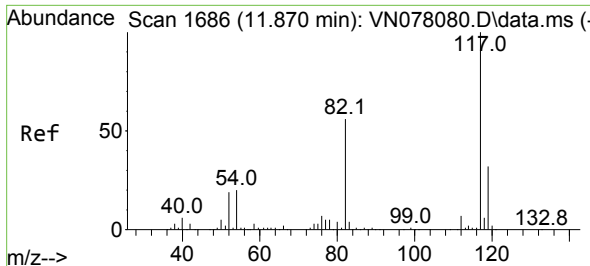
Tgt Ion:107 Resp: 247865
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.725 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 95 Resp: 284539
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 69.4 0.0 135.8

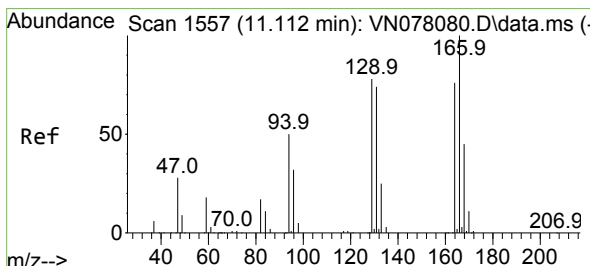
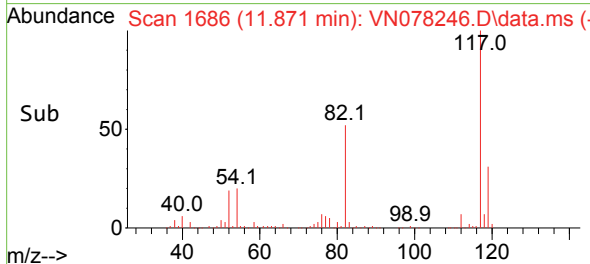
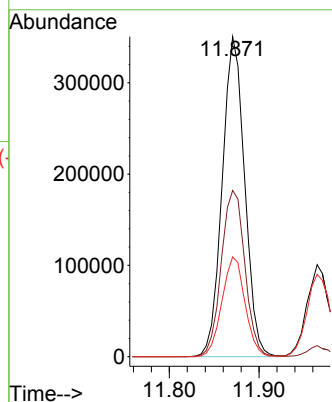
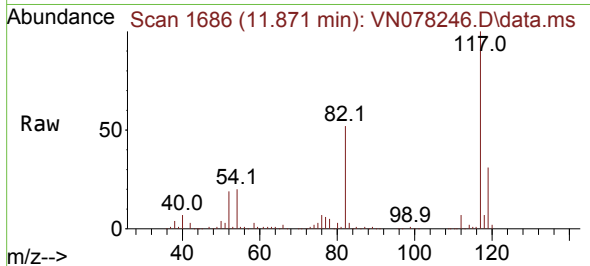




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

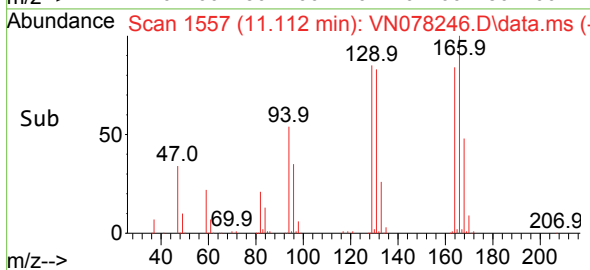
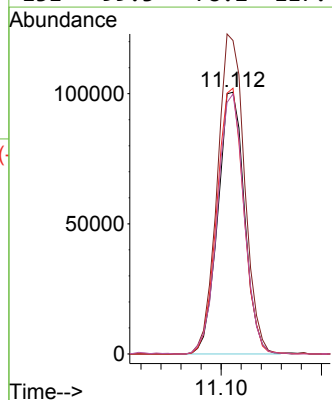
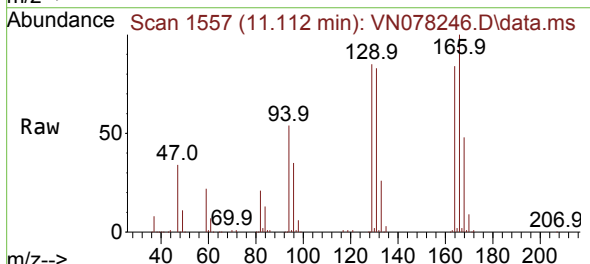
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

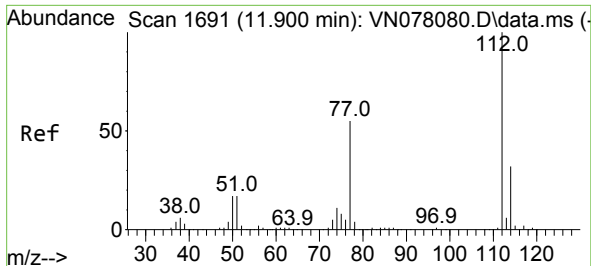
Tgt Ion:117 Resp: 608342
Ion Ratio Lower Upper
117 100
82 51.9 44.0 66.0
119 31.2 25.6 38.4



#64
Tetrachloroethene
Concen: 45.465 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:164 Resp: 184516
Ion Ratio Lower Upper
164 100
166 119.8 101.4 152.0
129 101.6 82.4 123.6
131 99.3 78.2 117.4

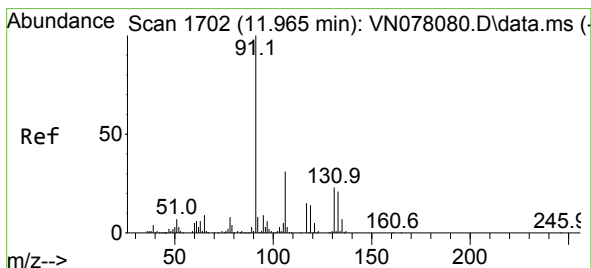
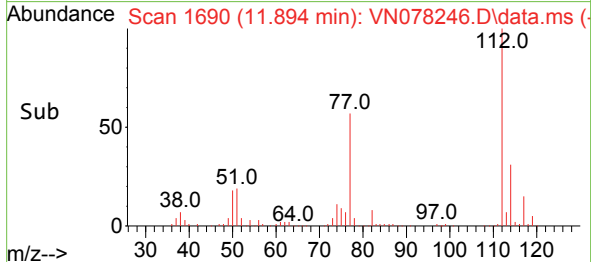
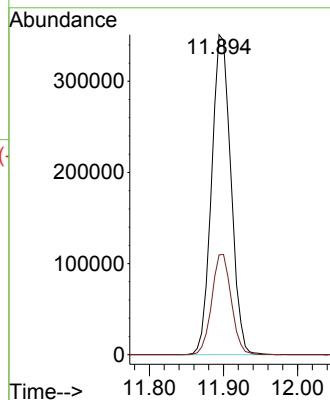
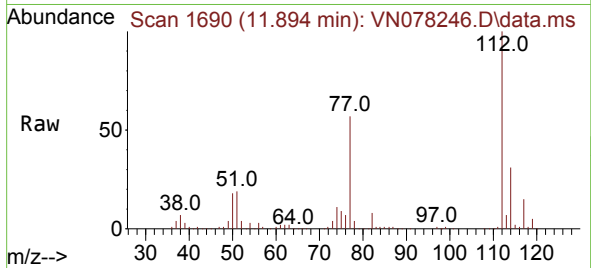




#65
Chlorobenzene
Concen: 48.825 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

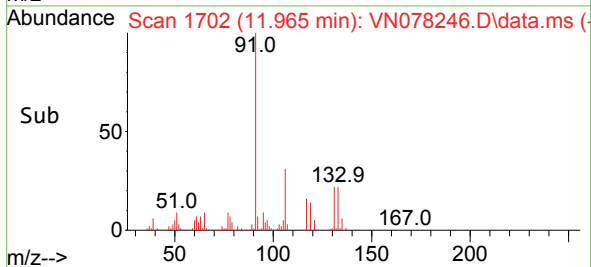
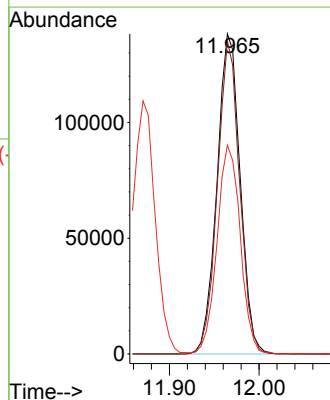
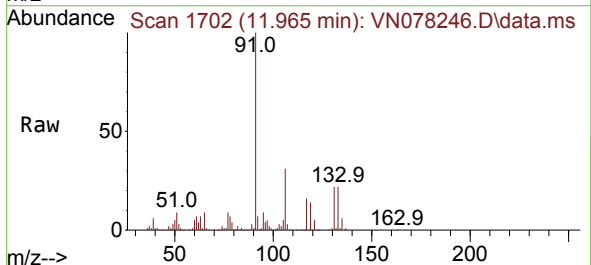
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

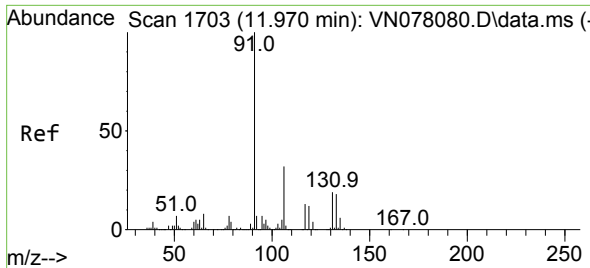
Tgt Ion:112 Resp: 636097
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.753 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:131 Resp: 247982
Ion Ratio Lower Upper
131 100
133 93.8 46.4 139.1
119 65.4 34.1 102.2

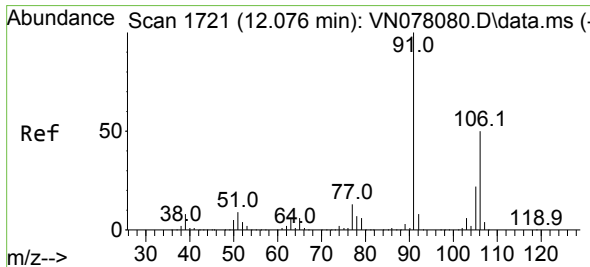
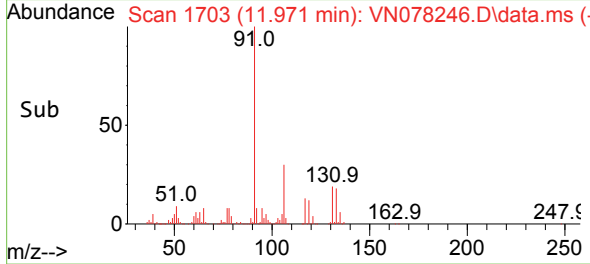
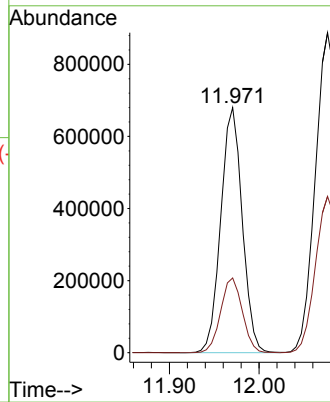
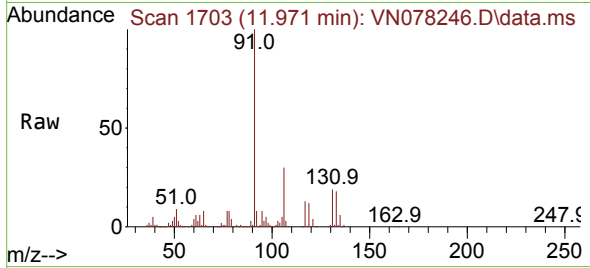




#67
Ethyl Benzene
Concen: 50.270 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

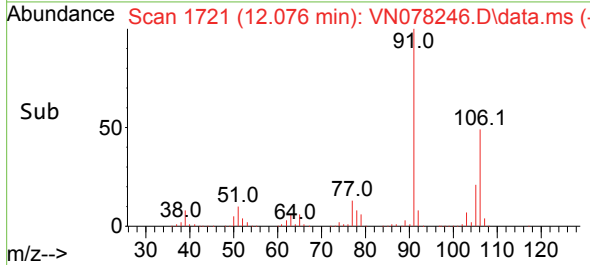
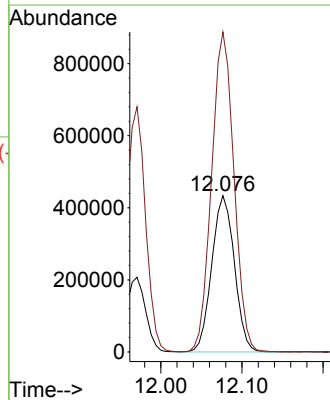
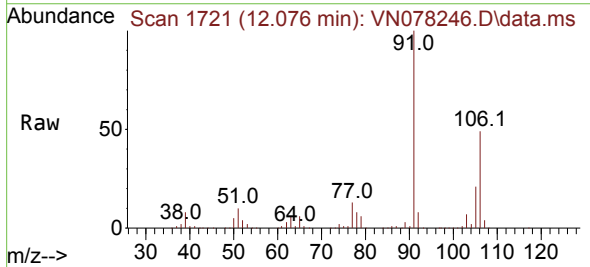
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

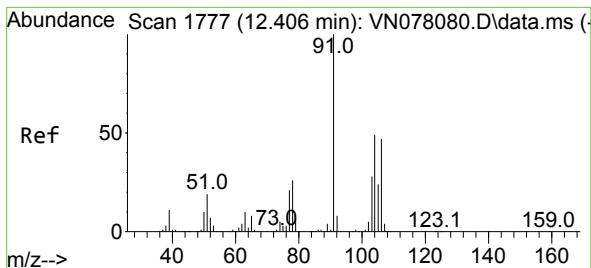
Tgt Ion: 91 Resp: 1130045
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 97.917 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:106 Resp: 838857
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4





#69

o-Xylene

Concen: 48.999 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

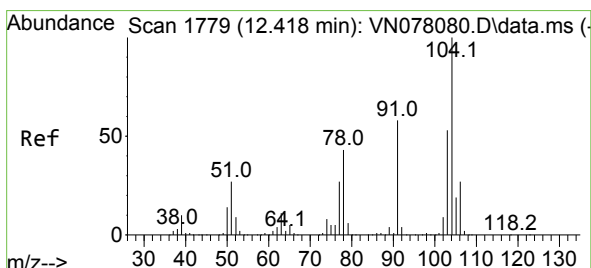
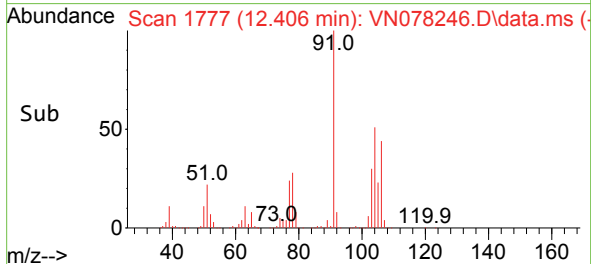
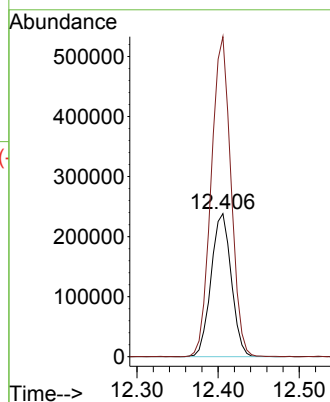
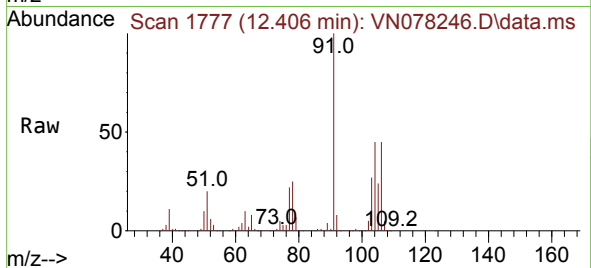
VSTDCCC050EC

Tgt Ion:106 Resp: 412223

Ion Ratio Lower Upper

106 100

91 218.5 105.2 315.5



#70

Styrene

Concen: 51.145 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

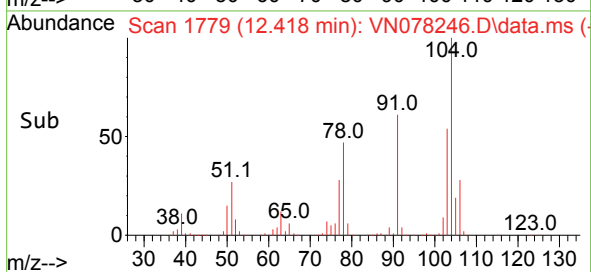
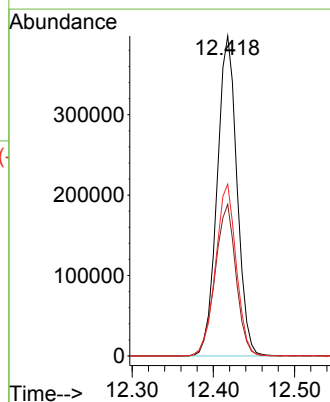
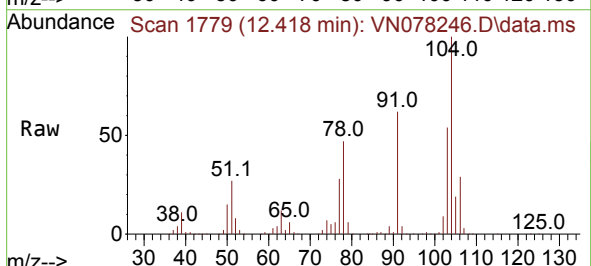
Tgt Ion:104 Resp: 677396

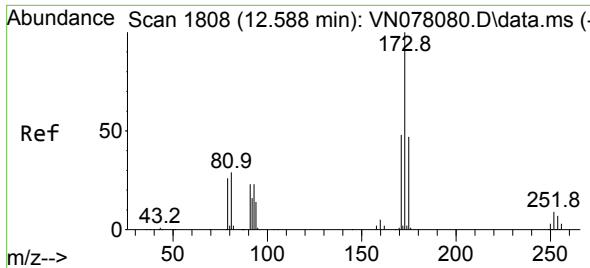
Ion Ratio Lower Upper

104 100

78 50.1 39.5 59.3

103 55.7 43.2 64.8

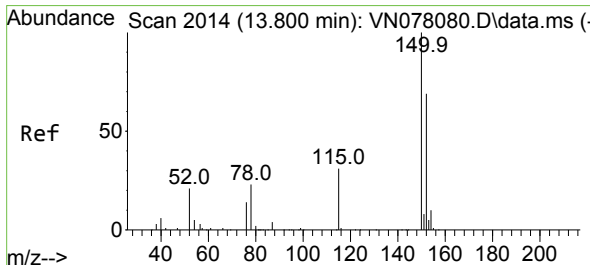
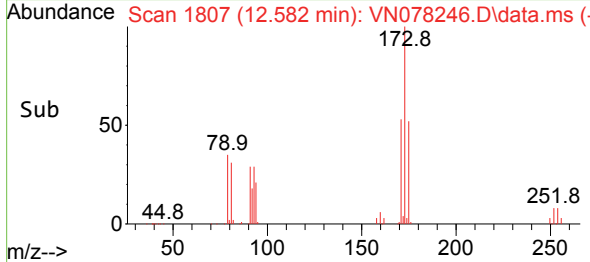
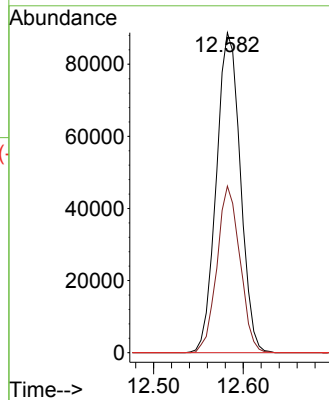
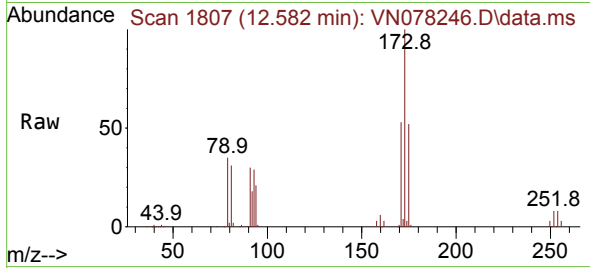




#71
Bromoform
Concen: 53.312 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

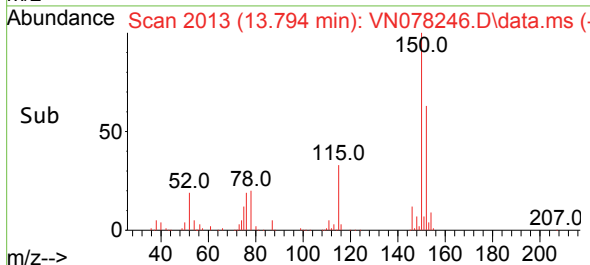
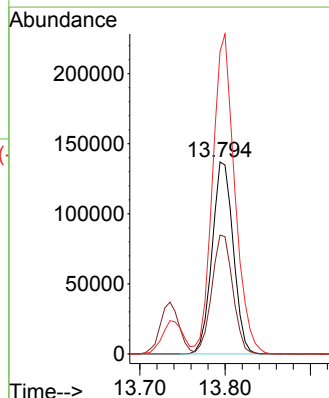
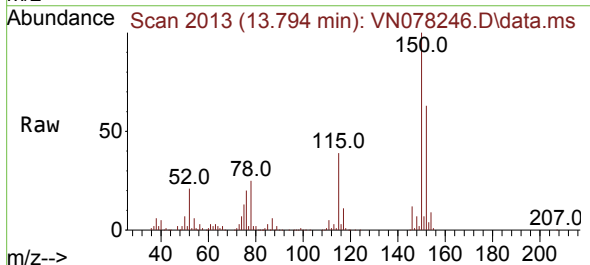
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

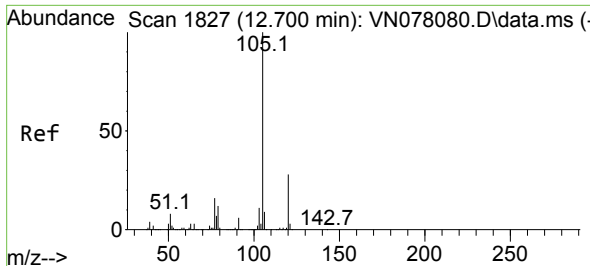
Tgt Ion:173 Resp: 164857
Ion Ratio Lower Upper
173 100
175 49.8 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:152 Resp: 236484
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 174.7 0.0 355.8

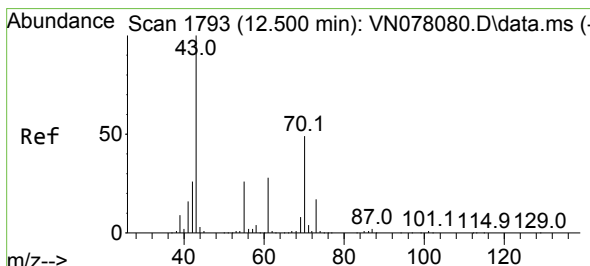
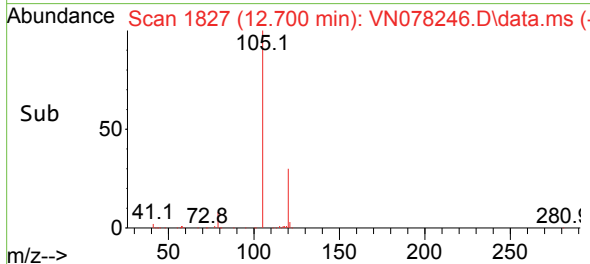
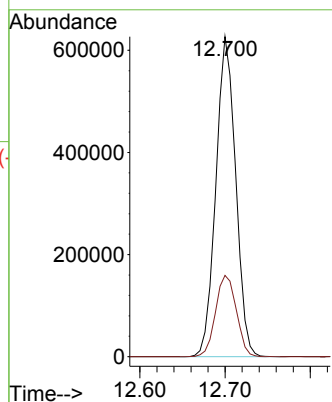
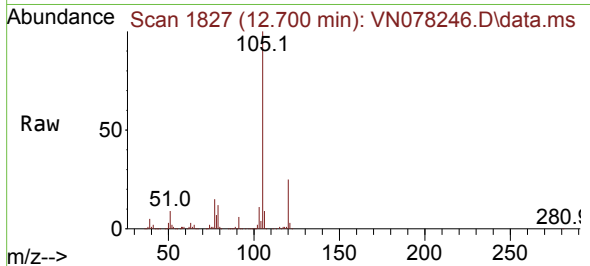




#73
Isopropylbenzene
Concen: 45.298 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

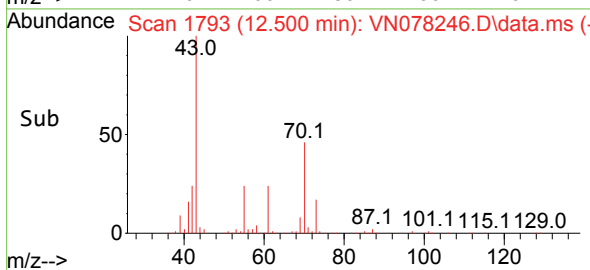
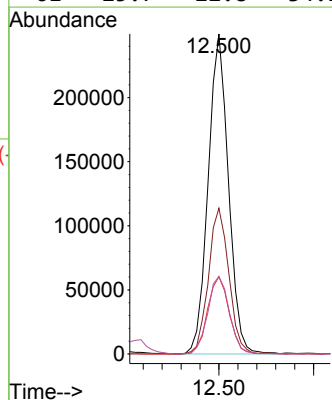
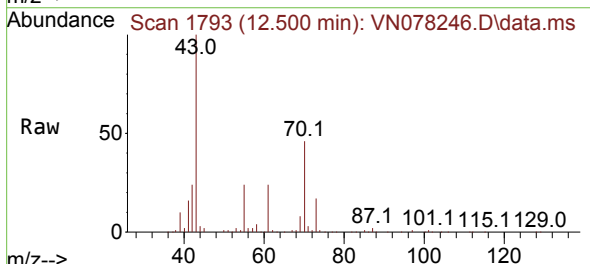
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

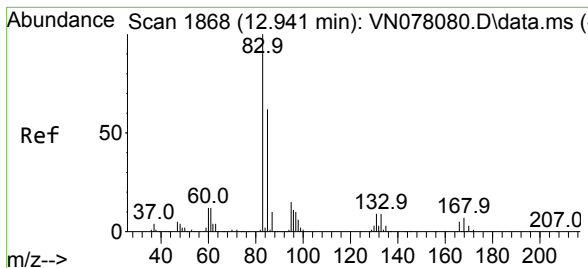
Tgt Ion:105 Resp: 1012979
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 50.467 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 43 Resp: 371646
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 25.8 21.4 32.0
61 25.7 22.8 34.2

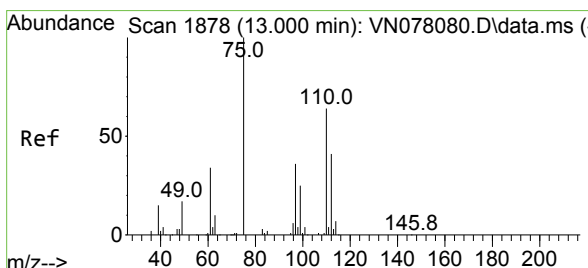
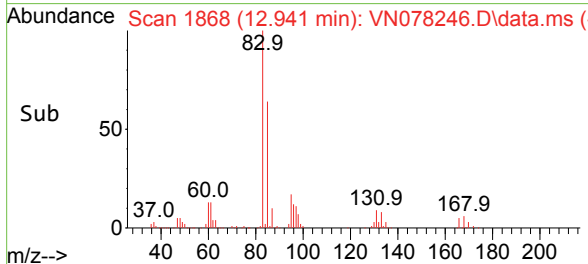
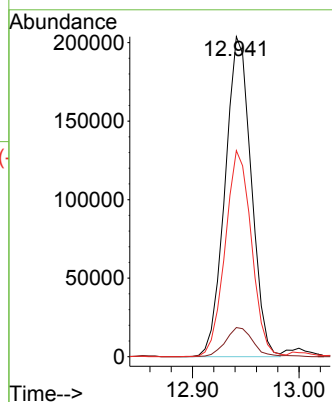
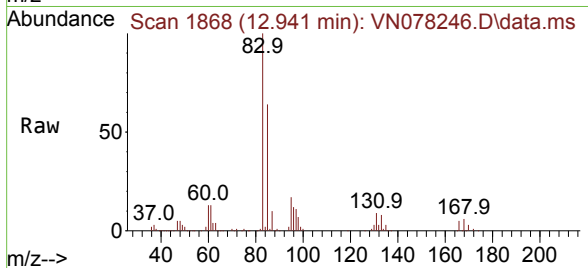




#75
1,1,2,2-Tetrachloroethane
Concen: 56.886 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

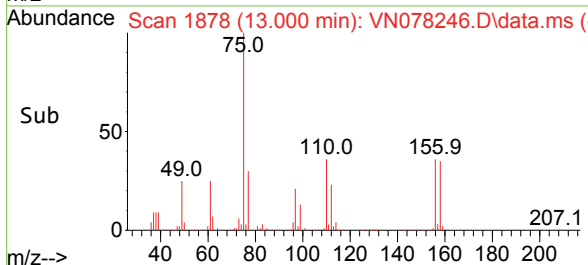
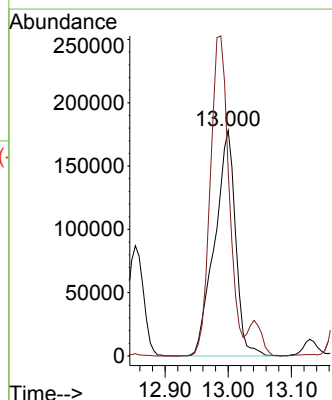
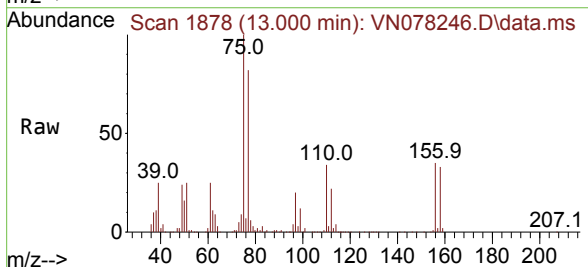
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

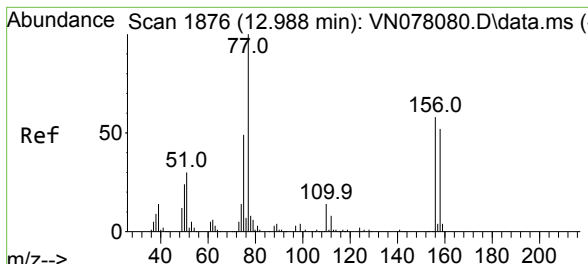
Tgt Ion: 83 Resp: 347815
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 73.475 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 75 Resp: 410767
Ion Ratio Lower Upper
75 100
77 125.9 84.5 253.5

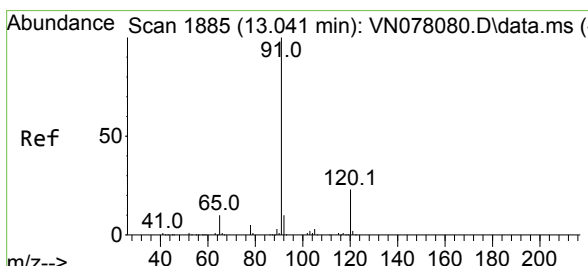
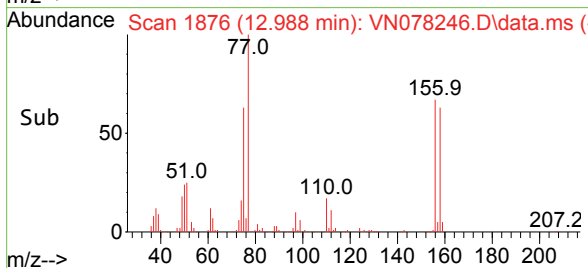
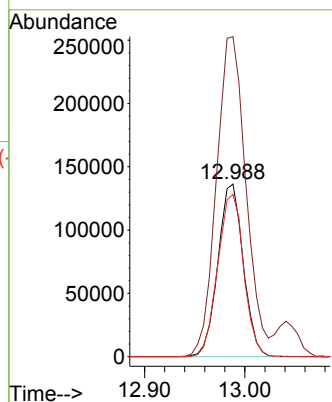
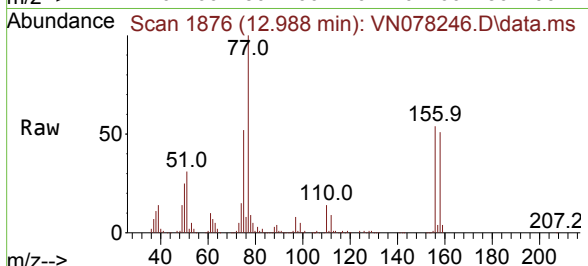




#77
Bromobenzene
Concen: 46.083 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

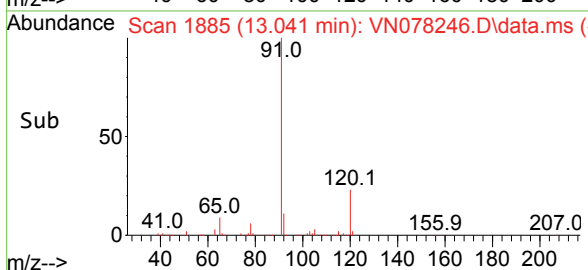
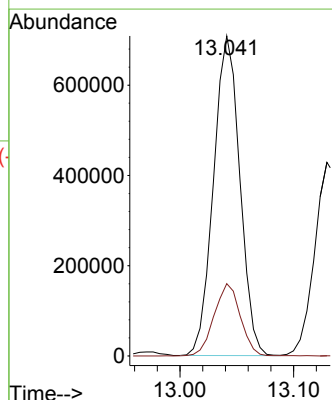
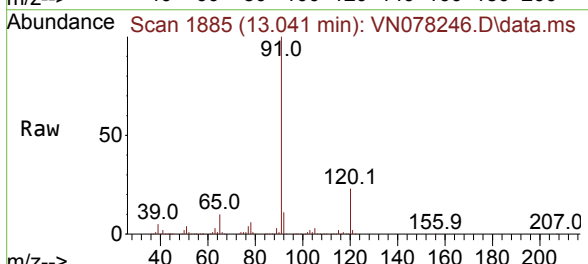
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

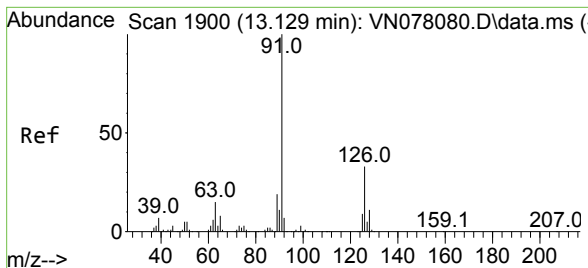
Tgt Ion:156 Resp: 239229
Ion Ratio Lower Upper
156 100
77 216.2 107.7 323.3
158 96.4 48.4 145.3



#78
n-propylbenzene
Concen: 46.890 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 91 Resp: 1139262
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

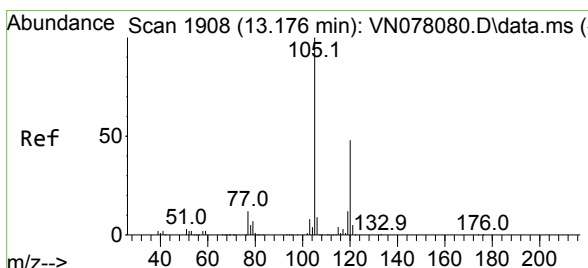
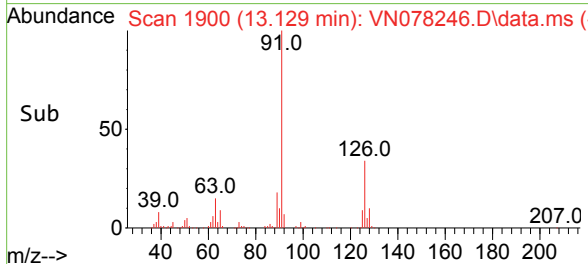
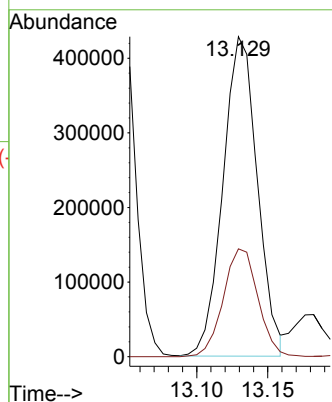
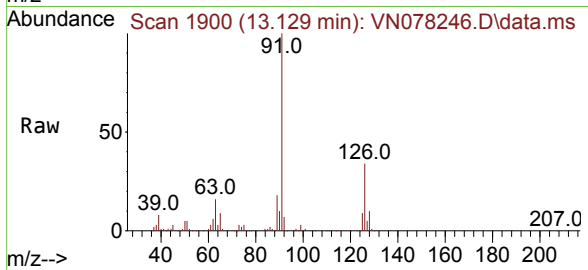




#79
2-Chlorotoluene
Concen: 45.990 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

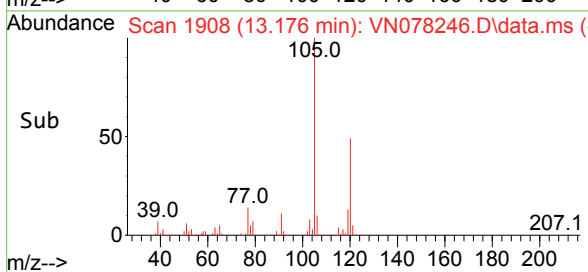
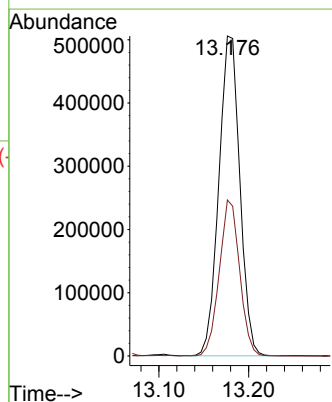
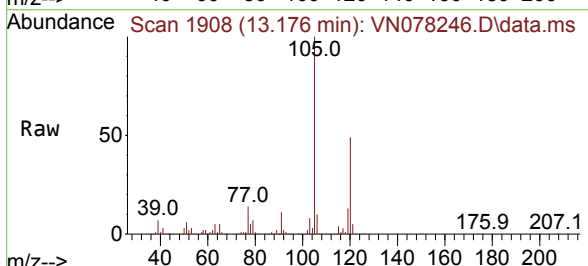
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

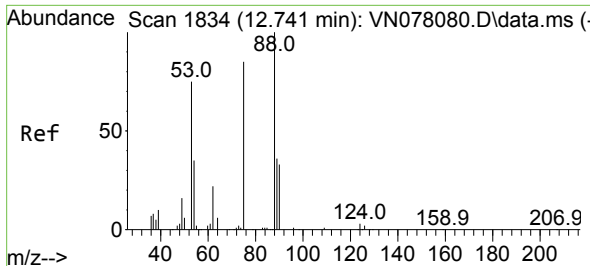
Tgt Ion: 91 Resp: 721283
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 45.397 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 105 Resp: 821927
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

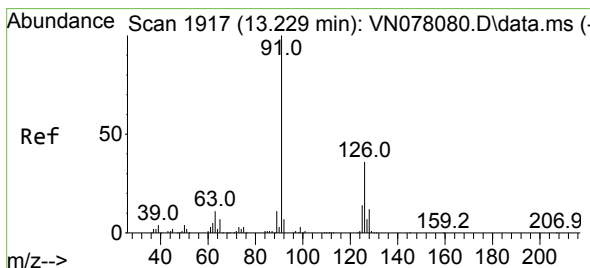
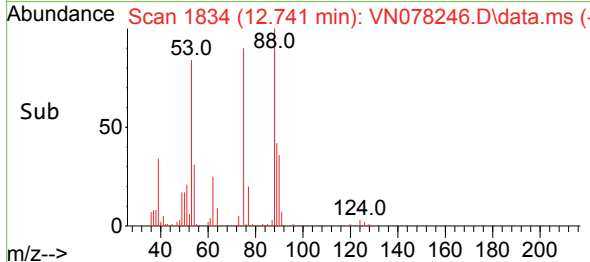
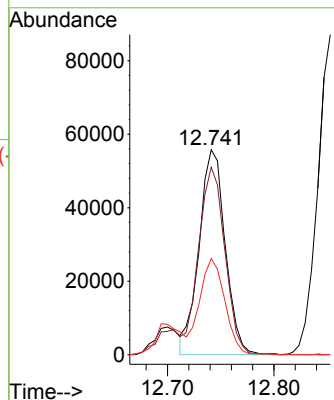
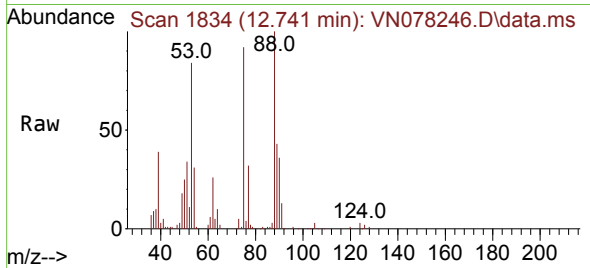




#81
trans-1,4-Dichloro-2-butene
Concen: 52.331 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

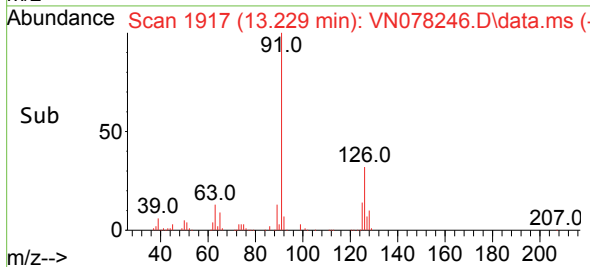
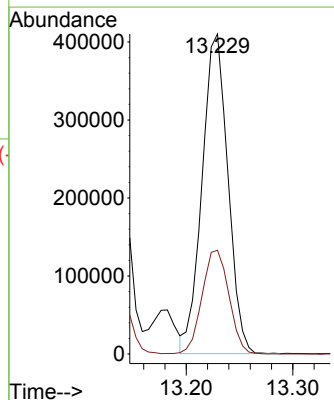
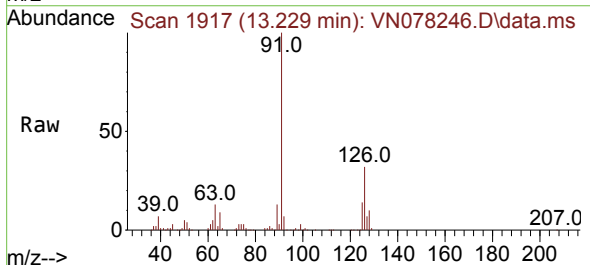
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

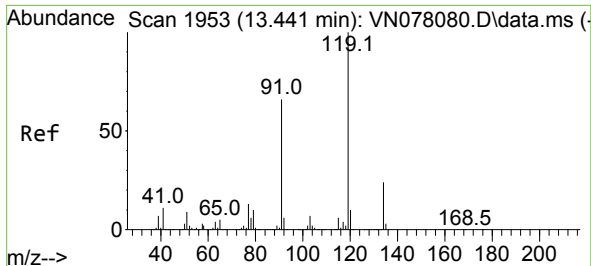
Tgt Ion: 75 Resp: 95224
Ion Ratio Lower Upper
75 100
53 92.2 67.4 101.2
89 45.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 47.184 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 91 Resp: 690639
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0

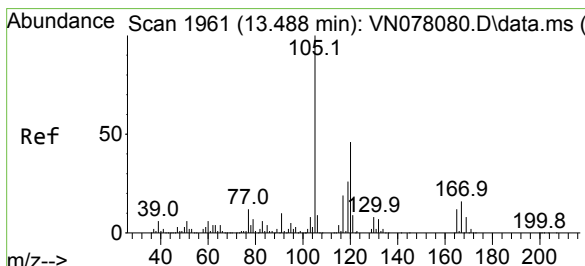
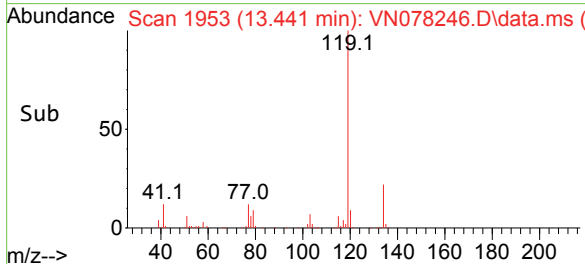
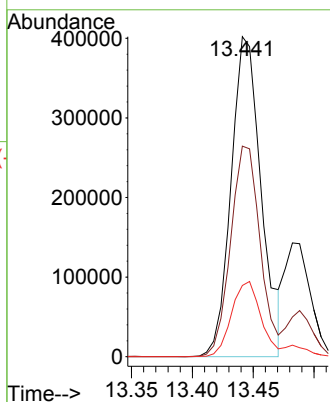
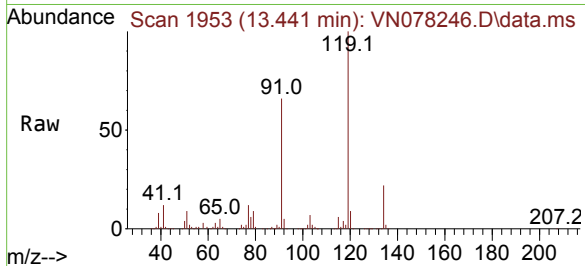




#83
tert-Butylbenzene
Concen: 43.982 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

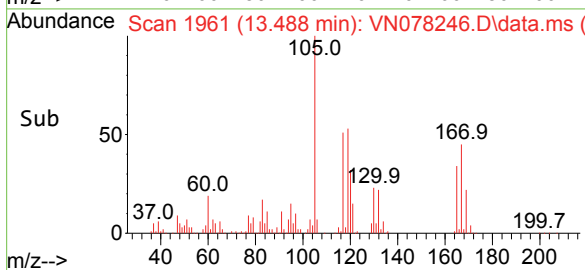
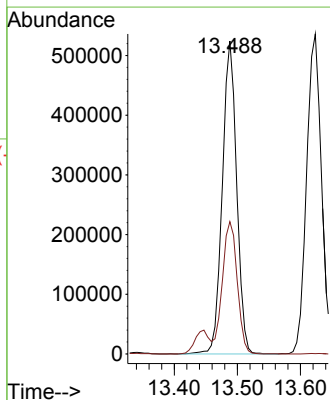
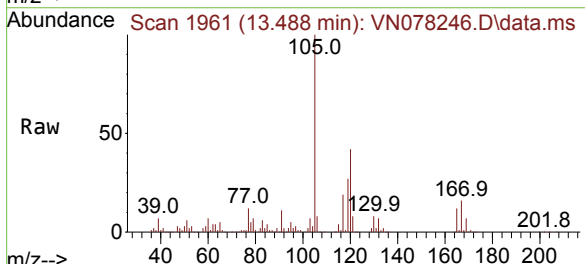
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

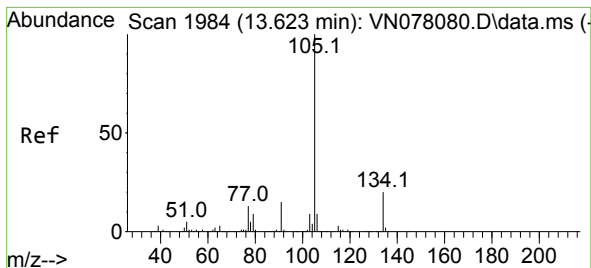
Tgt Ion:119 Resp: 692202
Ion Ratio Lower Upper
119 100
91 64.7 33.9 101.7
134 23.5 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 47.267 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:105 Resp: 829690
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 42.444 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

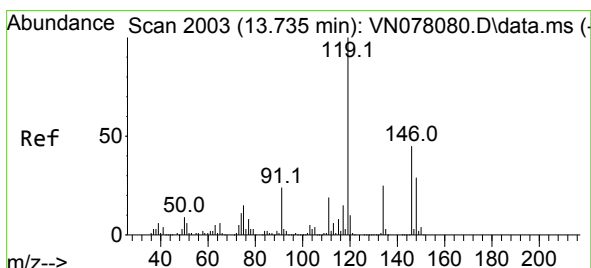
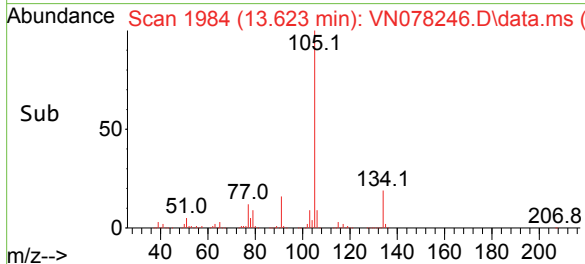
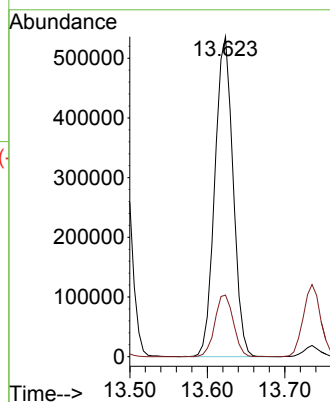
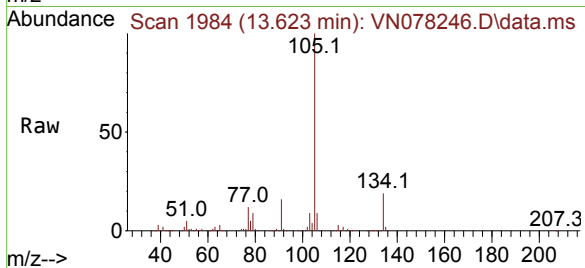
VSTDCCC050EC

Tgt Ion:105 Resp: 874313

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 43.444 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

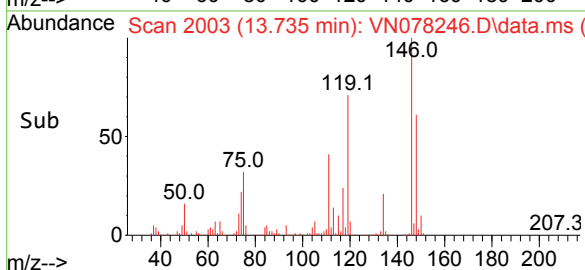
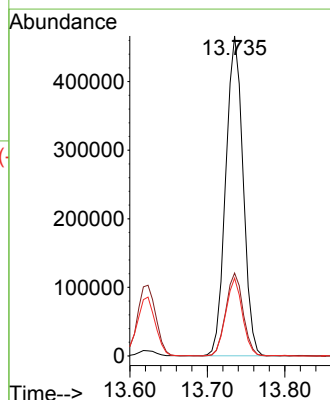
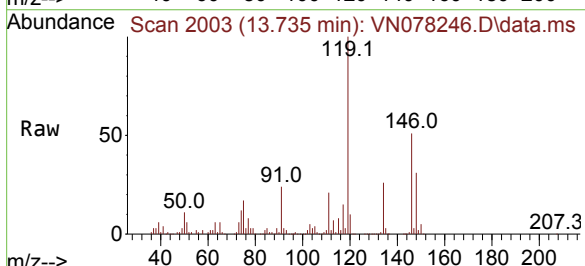
Tgt Ion:119 Resp: 726221

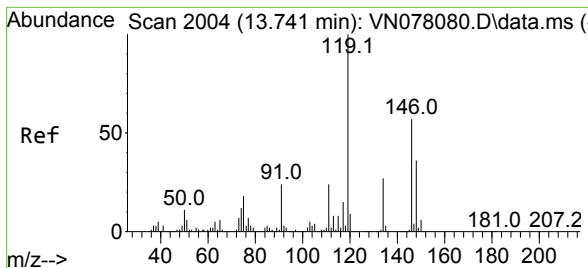
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 23.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.093 ug/l

RT: 13.735 min Scan# 2004

Delta R.T. -0.006 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

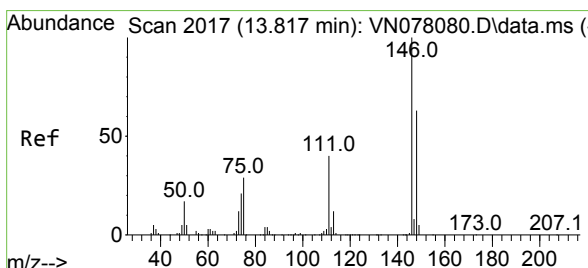
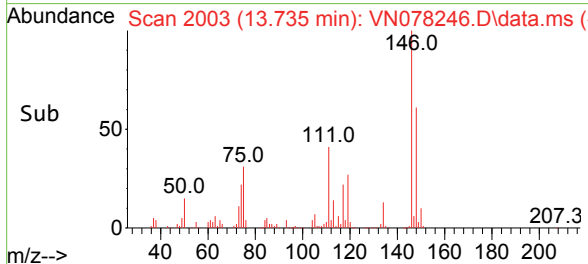
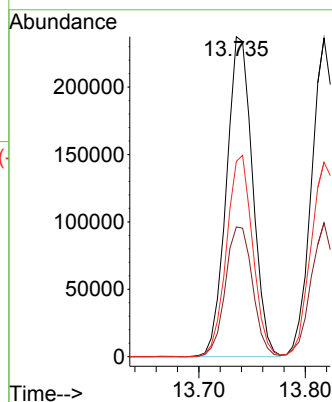
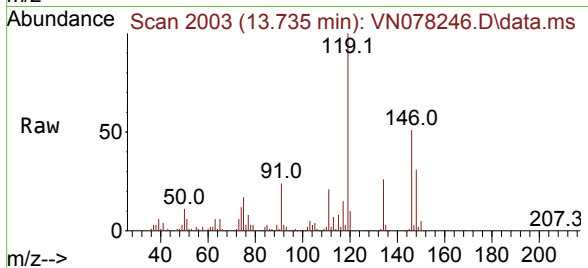
Tgt Ion:146 Resp: 404744

Ion Ratio Lower Upper

146 100

111 42.1 22.1 66.3

148 62.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 45.848 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

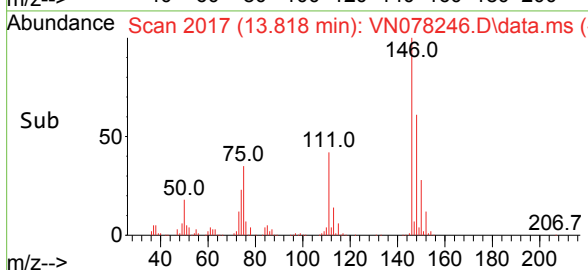
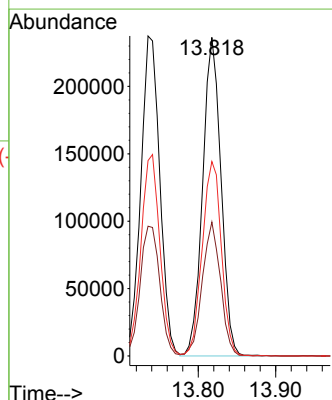
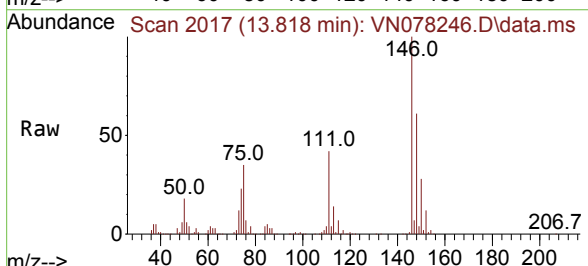
Tgt Ion:146 Resp: 388476

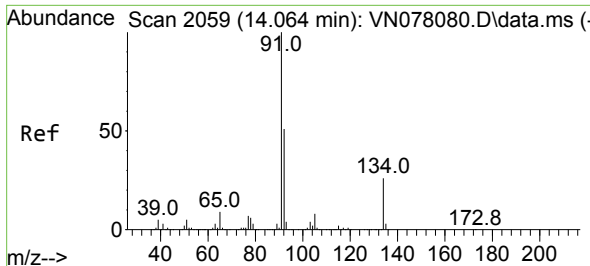
Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.8

148 63.8 31.6 94.8

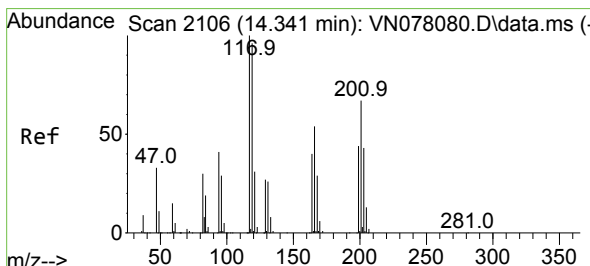
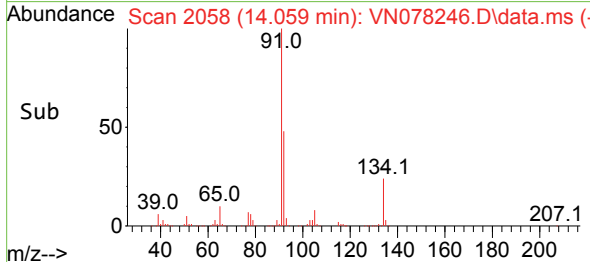
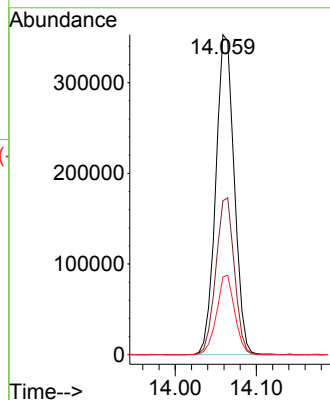
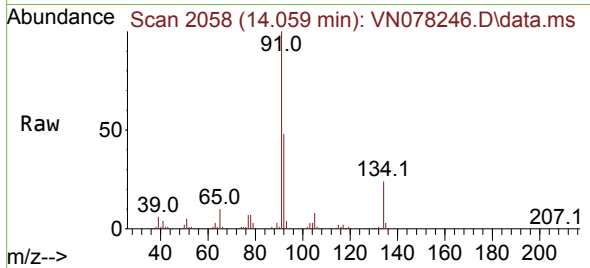




#89
n-Butylbenzene
Concen: 42.396 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

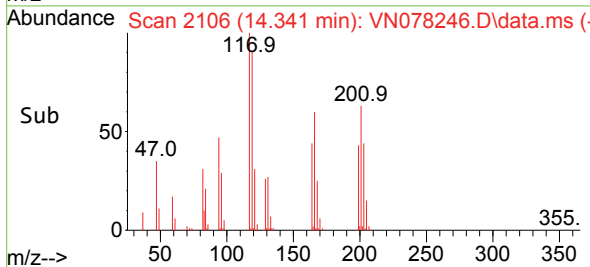
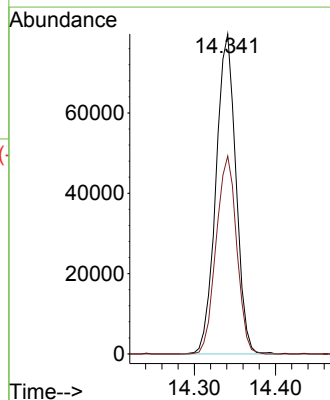
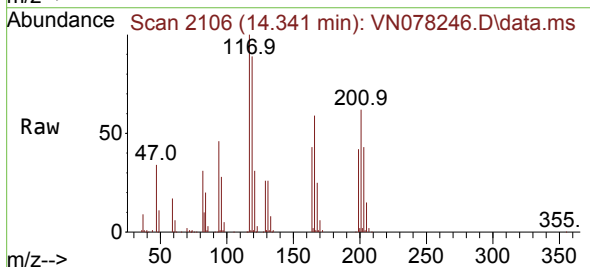
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

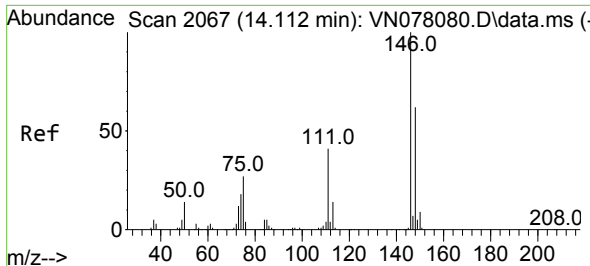
Tgt Ion: 91 Resp: 558989
Ion Ratio Lower Upper
91 100
92 49.1 26.4 79.0
134 24.4 12.6 37.6



#90
Hexachloroethane
Concen: 45.915 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 117 Resp: 136208
Ion Ratio Lower Upper
117 100
201 63.7 29.3 88.0

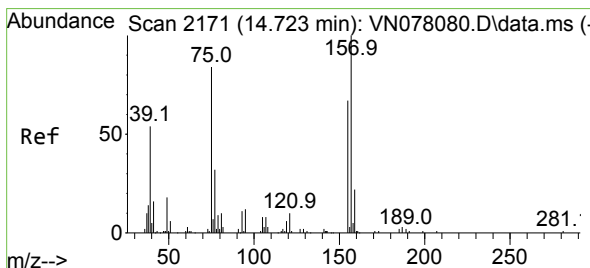
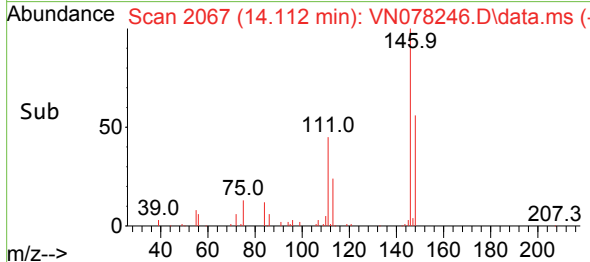
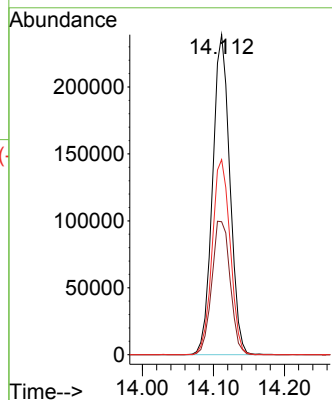
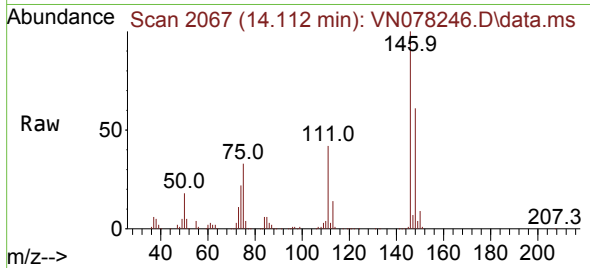




#91
 1,2-Dichlorobenzene
 Concen: 46.991 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

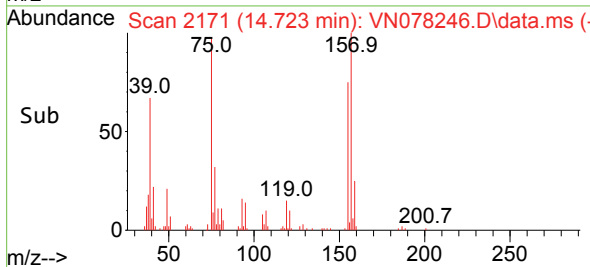
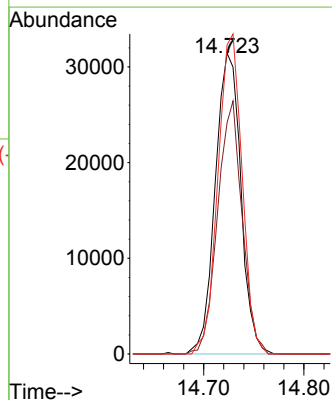
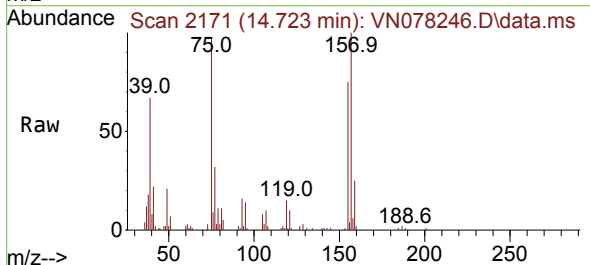
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

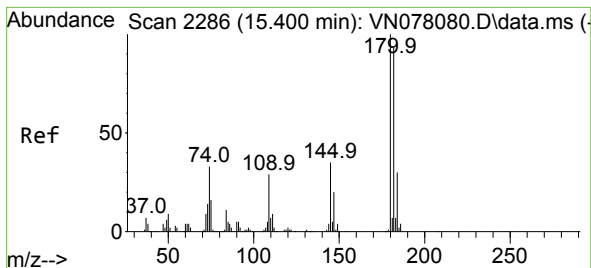
Tgt Ion:146 Resp: 403274
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.0 66.0
 148 63.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.225 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

Tgt Ion: 75 Resp: 55633
 Ion Ratio Lower Upper
 75 100
 155 80.7 39.1 117.2
 157 100.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 45.848 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

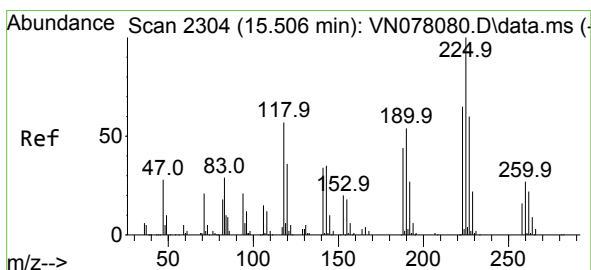
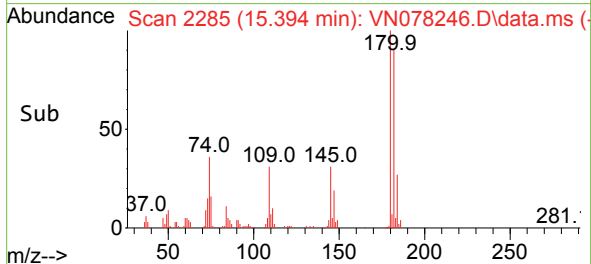
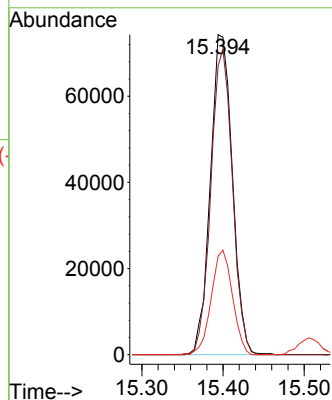
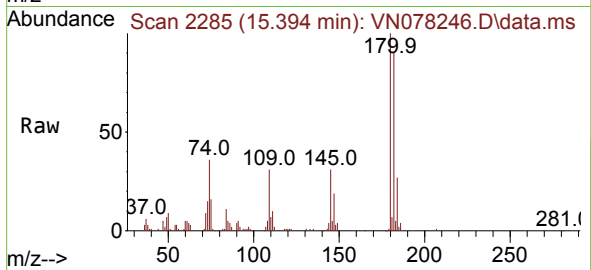
Tgt Ion:180 Resp: 140187

Ion Ratio Lower Upper

180 100

182 93.1 46.1 138.2

145 31.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 44.075 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

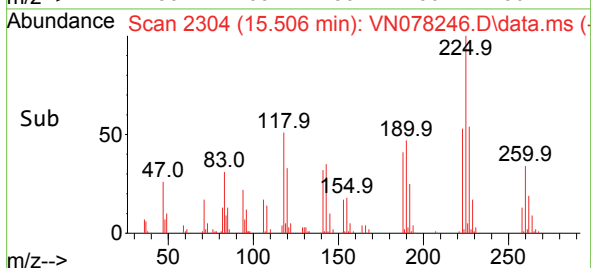
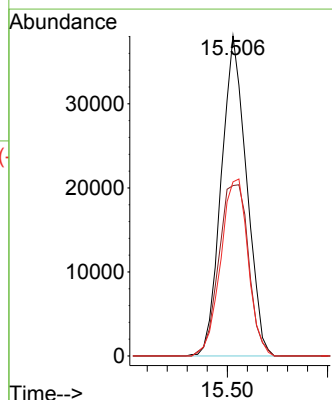
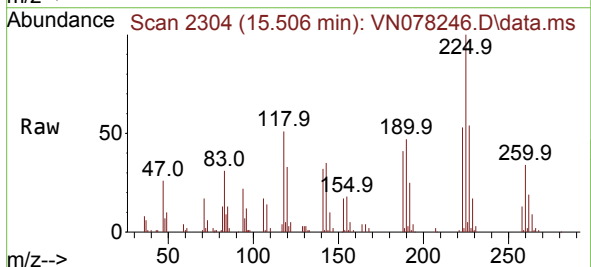
Tgt Ion:225 Resp: 66535

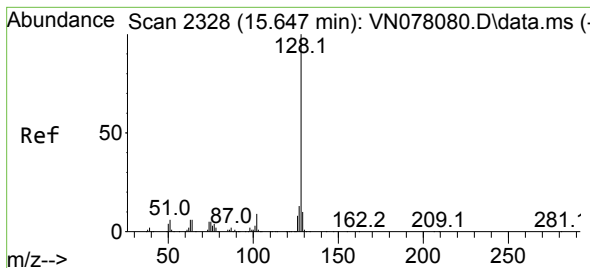
Ion Ratio Lower Upper

225 100

223 63.3 31.3 93.8

227 60.0 31.9 95.9





#95

Naphthalene

Concen: 44.211 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

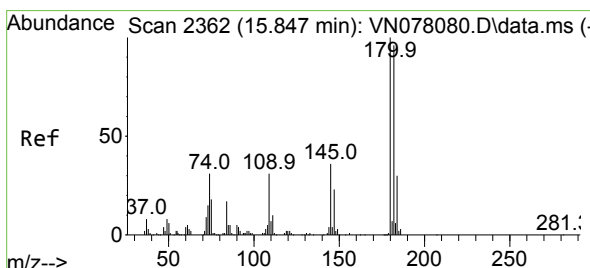
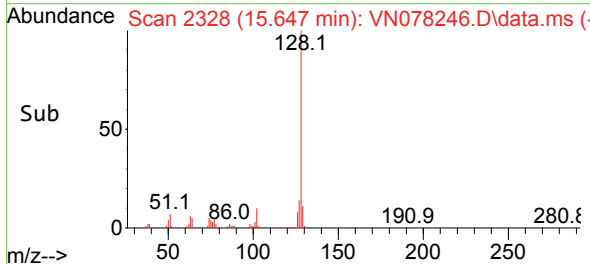
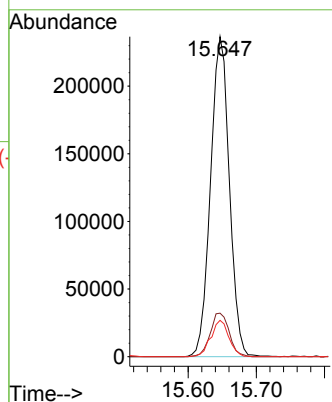
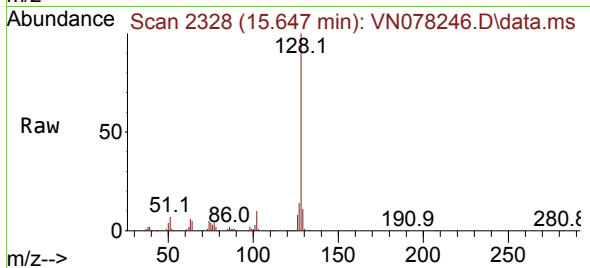
Tgt Ion:128 Resp: 454726

Ion Ratio Lower Upper

128 100

127 13.7 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.056 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Tgt Ion:180 Resp: 150662

Ion Ratio Lower Upper

180 100

182 97.0 46.2 138.6

145 34.7 17.5 52.6

