

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078411.D
 Acq On : 27 Jun 2023 11:26
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 28 07:05:54 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	8.229	168	434521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	751426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	653523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	260829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	290864	50.205	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.420%	
35) Dibromofluoromethane	8.177	113	256449	53.976	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.960%	
50) Toluene-d8	10.571	98	919988	50.228	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	12.853	95	299958	52.679	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	196433	39.992	ug/l	99
3) Chloromethane	2.371	50	230742	49.932	ug/l	98
4) Vinyl Chloride	2.518	62	334324	51.980	ug/l	94
5) Bromomethane	2.947	94	239747	49.323	ug/l	94
6) Chloroethane	3.118	64	274734	62.660	ug/l	98
7) Trichlorofluoromethane	3.500	101	610038	69.943	ug/l	97
8) Diethyl Ether	3.971	74	206115	67.256	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	231701	50.337	ug/l	98
10) Methyl Iodide	4.594	142	320510	49.236	ug/l	96
11) Tert butyl alcohol	5.536	59	194598	243.259	ug/l	99
12) 1,1-Dichloroethene	4.342	96	225217	47.464	ug/l	97
13) Acrolein	4.189	56	322320	365.582	ug/l	97
14) Allyl chloride	5.024	41	298767	51.581	ug/l	95
15) Acrylonitrile	5.730	53	551882	267.589	ug/l	99
16) Acetone	4.436	43	443620	266.026	ug/l	96
17) Carbon Disulfide	4.724	76	569821	46.656	ug/l	99
18) Methyl Acetate	5.030	43	385231	50.177	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	781102	51.595	ug/l	95
20) Methylene Chloride	5.283	84	265028	48.094	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	246901	48.244	ug/l	85
22) Diisopropyl ether	6.677	45	739349	54.266	ug/l	94
23) Vinyl Acetate	6.612	43	2218715	273.948	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	462048	51.408	ug/l	99
25) 2-Butanone	7.488	43	695820	271.340	ug/l #	84
26) 2,2-Dichloropropane	7.500	77	405036	61.033	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	296493	48.569	ug/l	92
28) Bromochloromethane	7.818	49	209448	50.755	ug/l	91
29) Tetrahydrofuran	7.841	42	452418	263.908	ug/l #	84
30) Chloroform	7.977	83	505137	52.193	ug/l	92
31) Cyclohexane	8.265	56	353899	47.620	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	432805	50.937	ug/l	95
36) 1,1-Dichloropropene	8.377	75	362502	53.192	ug/l	97
37) Ethyl Acetate	7.565	43	291036	54.666	ug/l	97
38) Carbon Tetrachloride	8.371	117	397983	55.306	ug/l	97
39) Methylcyclohexane	9.606	83	330156	46.747	ug/l	93
40) Benzene	8.612	78	1089616	53.555	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	155873	54.016	ug/l	92
42) 1,2-Dichloroethane	8.677	62	381704	54.718	ug/l	98
43) Isopropyl Acetate	8.694	43	512315	50.317	ug/l	95
44) Trichloroethene	9.359	130	279102	51.945	ug/l	100
45) 1,2-Dichloropropane	9.629	63	282748	55.857	ug/l	95
46) Dibromomethane	9.718	93	196583	52.724	ug/l	94
47) Bromodichloromethane	9.894	83	400576	57.838	ug/l	99
48) Methyl methacrylate	9.688	41	239327	56.012	ug/l	89
49) 1,4-Dioxane	9.700	88	98437	1096.122	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1492316	278.337	ug/l	93
52) Toluene	10.635	92	704880	54.873	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	428007	59.339	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	459308	57.606	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	273730	56.330	ug/l	99
56) Ethyl methacrylate	10.876	69	401352	56.723	ug/l	93
57) 1,3-Dichloropropane	11.170	76	462499	56.385	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	675379	236.284	ug/l	93
59) 2-Hexanone	11.200	43	1063450	284.863	ug/l	92
60) Dibromochloromethane	11.365	129	303373	57.053	ug/l	99
61) 1,2-Dibromoethane	11.476	107	279667	54.841	ug/l	99
64) Tetrachloroethene	11.106	164	238238	54.643	ug/l	98
65) Chlorobenzene	11.894	112	746502	53.338	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	281364	54.660	ug/l	97
67) Ethyl Benzene	11.970	91	1301972	53.914	ug/l	99
68) m/p-Xylenes	12.076	106	1002044	108.879	ug/l	98
69) o-Xylene	12.400	106	481515	53.278	ug/l	94
70) Styrene	12.417	104	800461	56.259	ug/l	98
71) Bromoform	12.582	173	197384	59.418	ug/l #	99
73) Isopropylbenzene	12.700	105	1196565	48.513	ug/l	98
74) N-amyl acetate	12.500	43	414046	50.977	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	380802	56.449	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	461362	74.822	ug/l	72
77) Bromobenzene	12.982	156	287766	50.259	ug/l	96
78) n-propylbenzene	13.041	91	1338112	49.934	ug/l	99
79) 2-Chlorotoluene	13.129	91	859874	49.710	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	987284	49.441	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	128339	63.946	ug/l	94
82) 4-Chlorotoluene	13.223	91	820101	50.799	ug/l	98
83) tert-Butylbenzene	13.447	119	799021	46.031	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	976052	50.415	ug/l	98
85) sec-Butylbenzene	13.623	105	1026920	45.200	ug/l	99
86) p-Isopropyltoluene	13.735	119	861469	46.725	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	475290	49.075	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	469677	50.258	ug/l	99
89) n-Butylbenzene	14.064	91	670840	46.130	ug/l	98
90) Hexachloroethane	14.335	117	158646	48.487	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	475504	50.236	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	60825	49.787	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	152414	45.194	ug/l	97
94) Hexachlorobutadiene	15.506	225	82692	50.024	ug/l	99
95) Naphthalene	15.647	128	502276	44.276	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	169678	44.986	ug/l	97

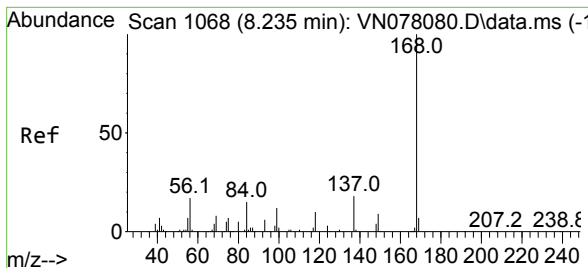
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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.005 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

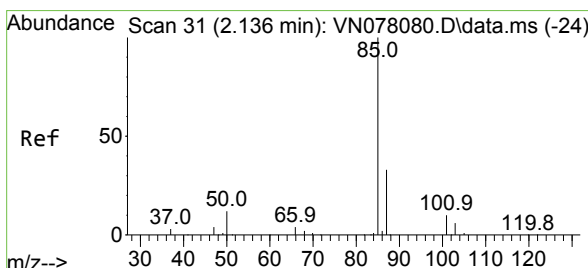
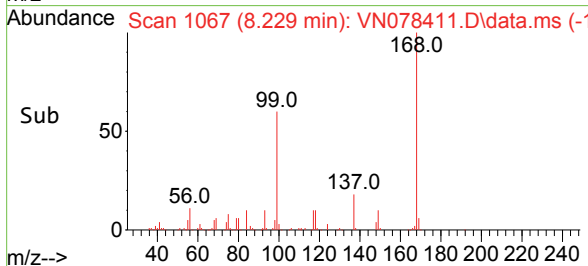
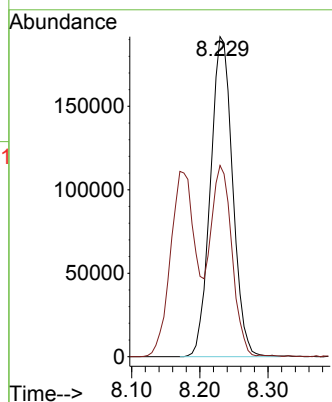
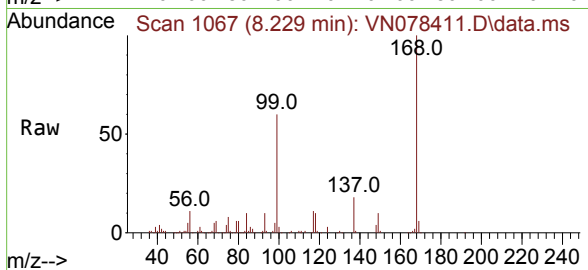
VSTDCCC050

Tgt Ion:168 Resp: 434521

Ion Ratio Lower Upper

168 100

99 59.6 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 39.992 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078411.D

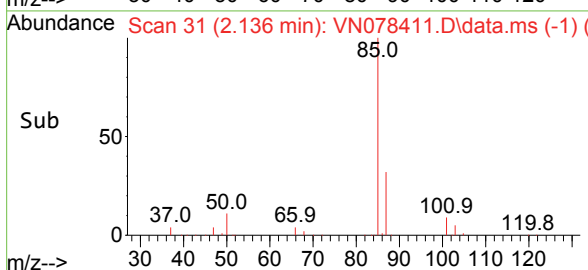
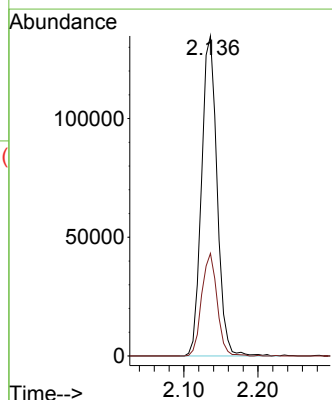
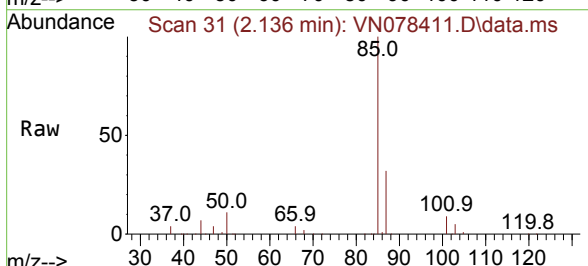
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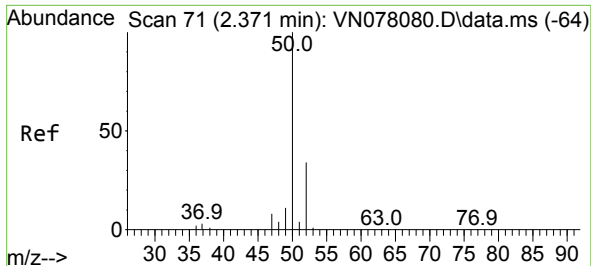
Tgt Ion: 85 Resp: 196433

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.4

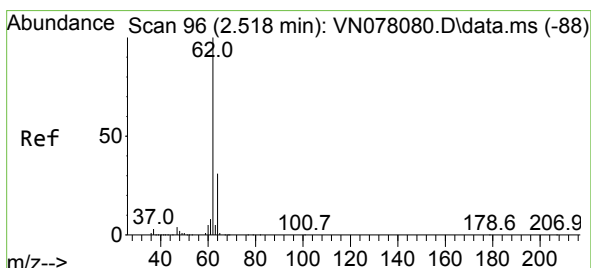
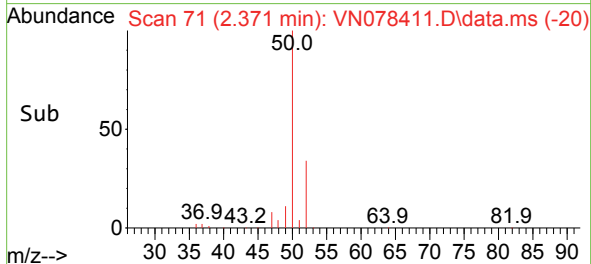
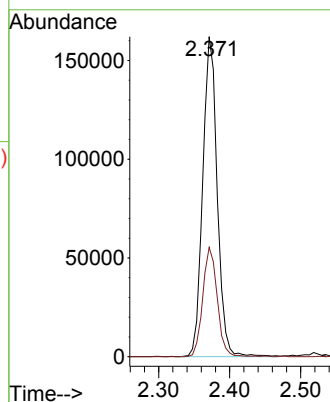
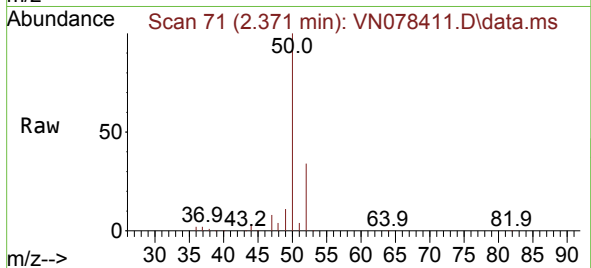




#3
Chloromethane
Concen: 49.932 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

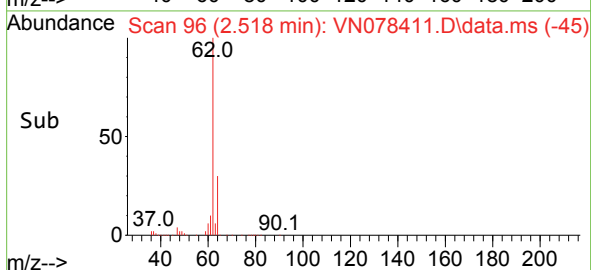
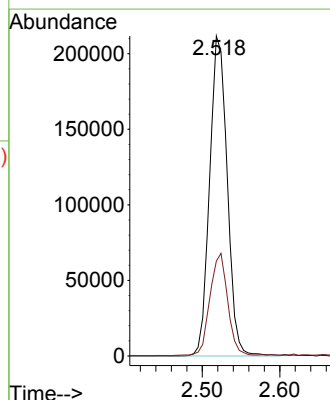
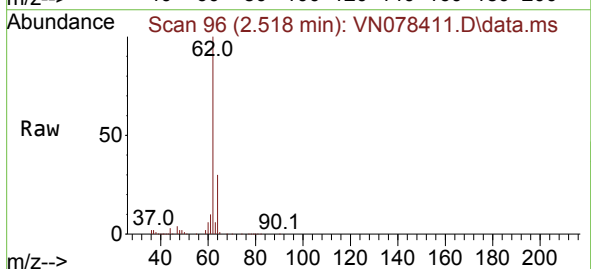
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

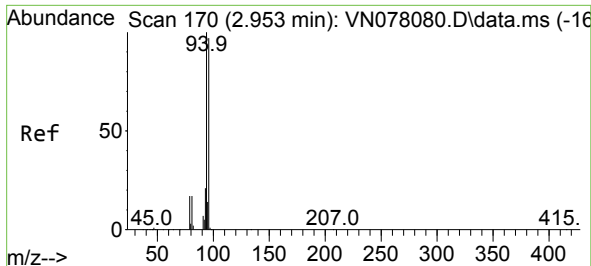
Tgt Ion: 50 Resp: 230742
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7



#4
Vinyl Chloride
Concen: 51.980 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 62 Resp: 334324
Ion Ratio Lower Upper
62 100
64 29.4 26.2 39.2

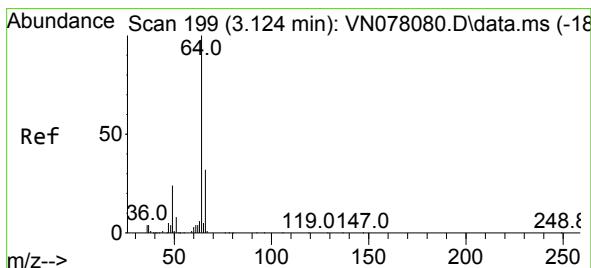
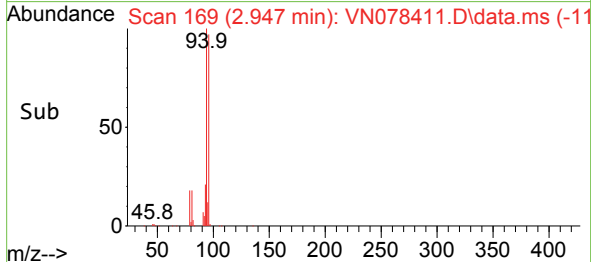
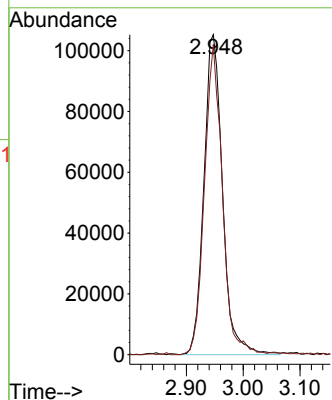
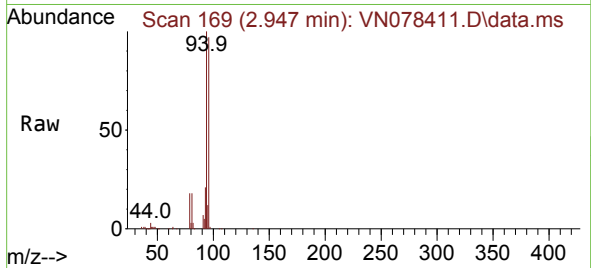




#5
Bromomethane
Concen: 49.323 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

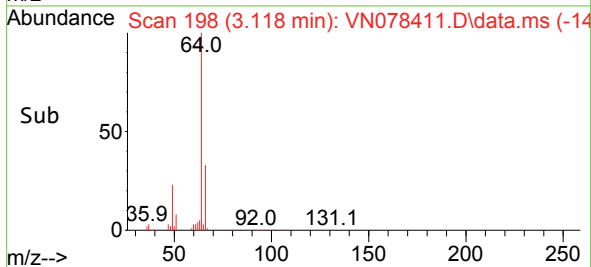
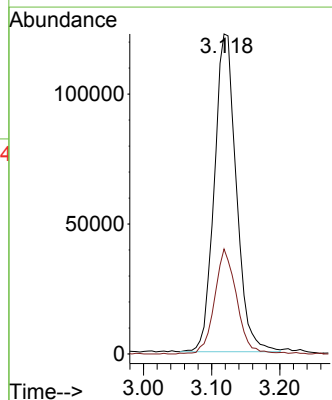
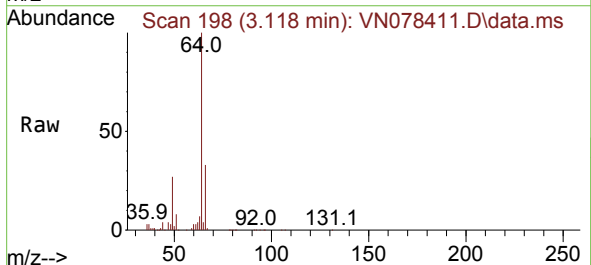
Instrument :
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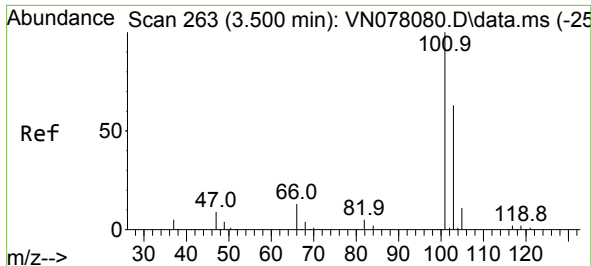
Tgt Ion: 94 Resp: 239747
Ion Ratio Lower Upper
94 100
96 97.0 73.1 109.7



#6
Chloroethane
Concen: 62.660 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 64 Resp: 274734
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2

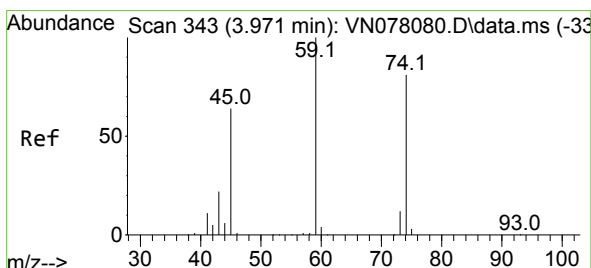
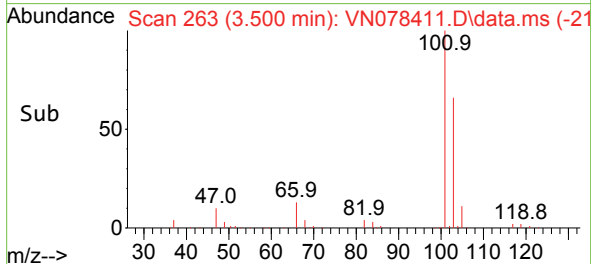
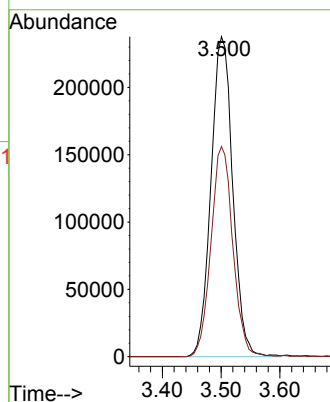
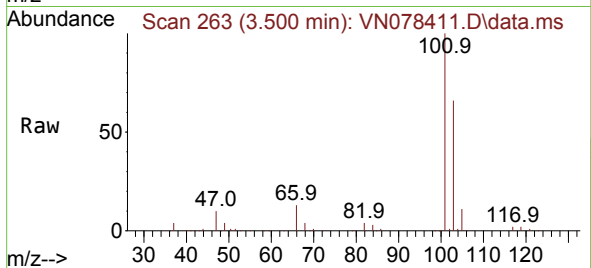




#7
 Trichlorofluoromethane
 Concen: 69.943 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

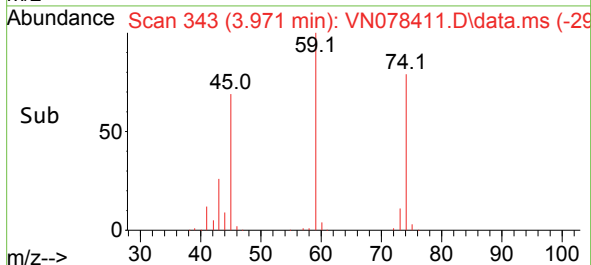
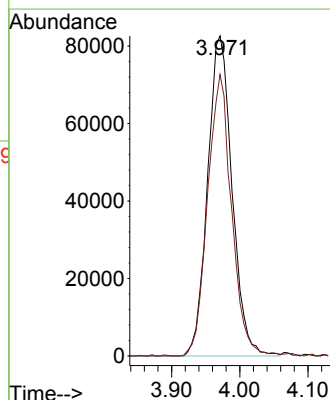
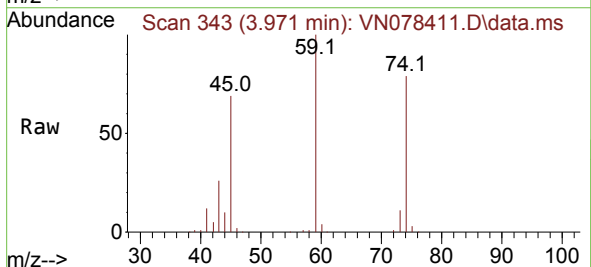
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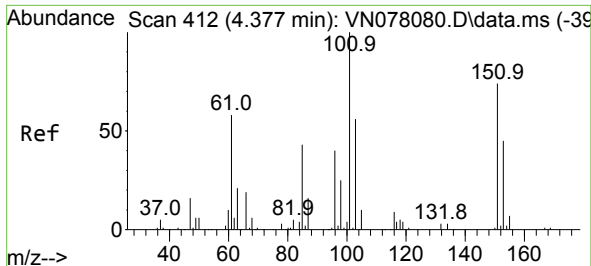
Tgt Ion:101 Resp: 610038
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 67.256 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

Tgt Ion: 74 Resp: 206115
 Ion Ratio Lower Upper
 74 100
 45 86.3 34.4 103.3

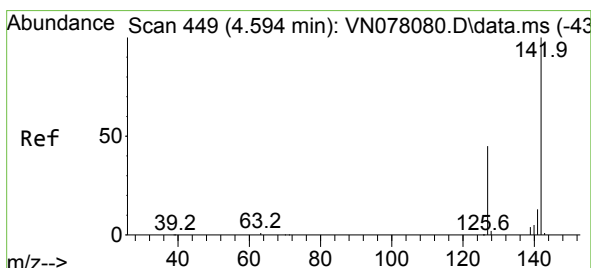
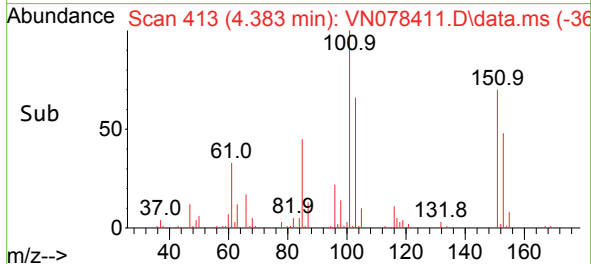
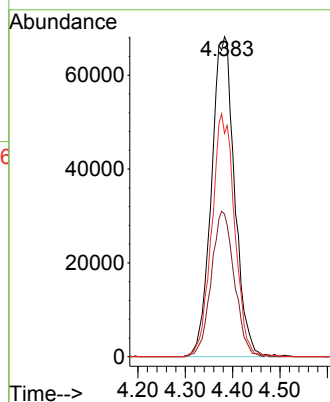
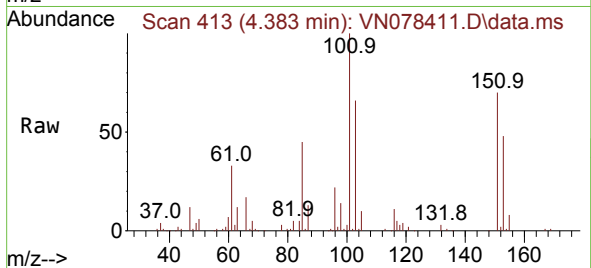




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.337 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078411.D
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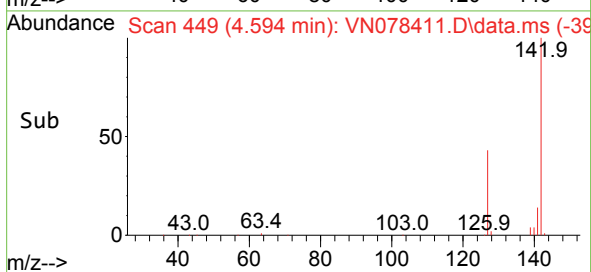
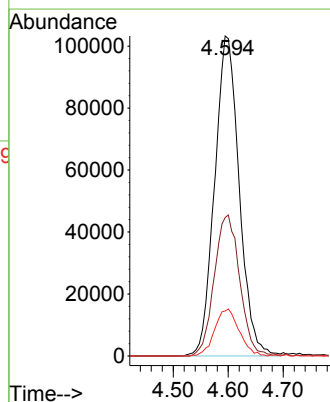
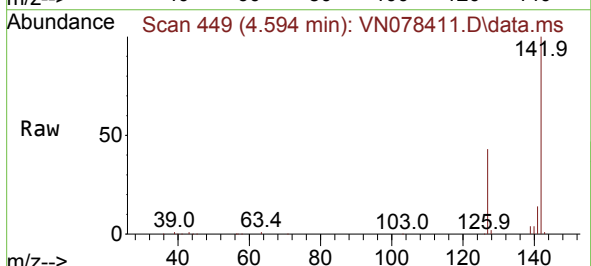
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

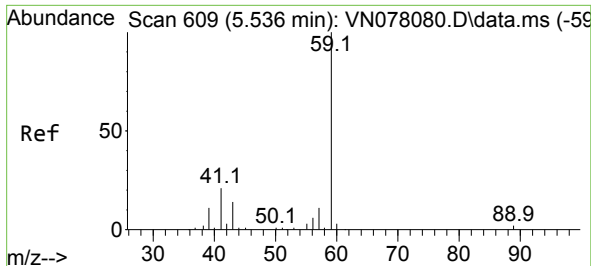
Tgt Ion:101 Resp: 231701
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 74.8 57.6 86.4



#10
Methyl Iodide
Concen: 49.236 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion:142 Resp: 320510
Ion Ratio Lower Upper
142 100
127 43.2 37.6 56.4
141 14.0 11.4 17.0

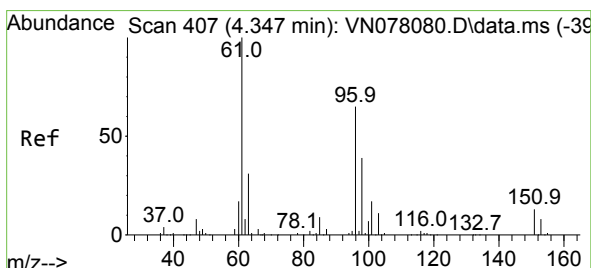
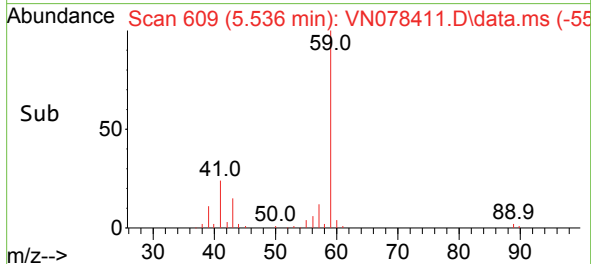
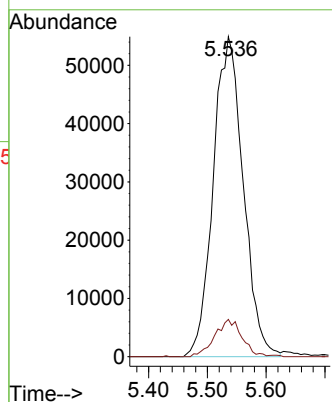
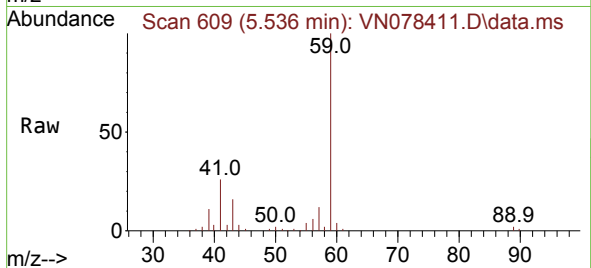




#11
Tert butyl alcohol
Concen: 243.259 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

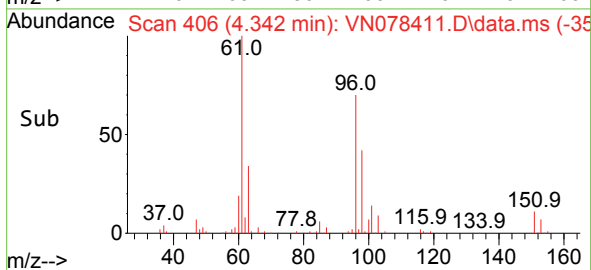
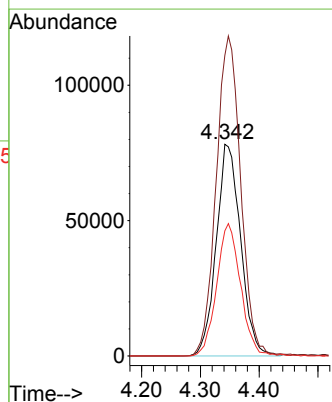
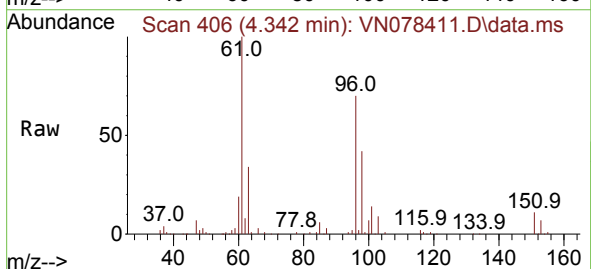
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

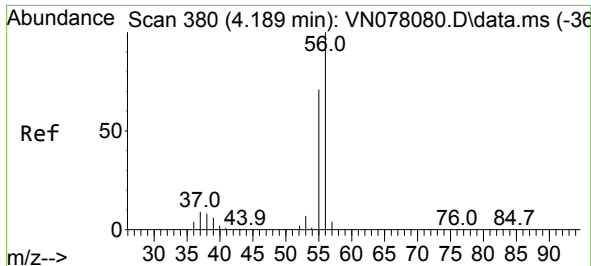
Tgt Ion: 59 Resp: 194598
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.464 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 96 Resp: 225217
Ion Ratio Lower Upper
96 100
61 142.0 112.7 169.1
98 59.1 51.2 76.8

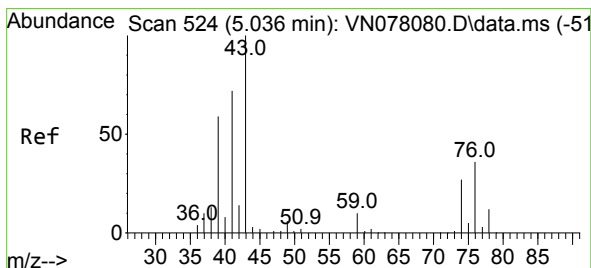
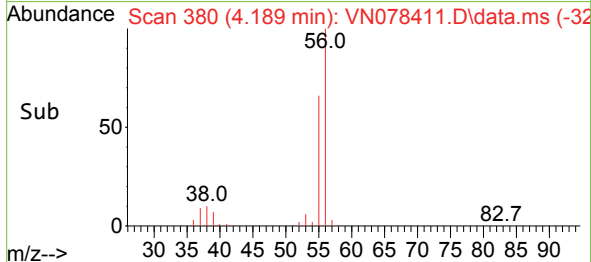
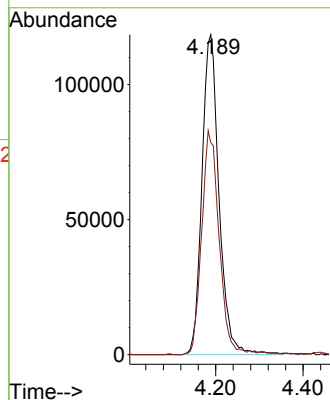
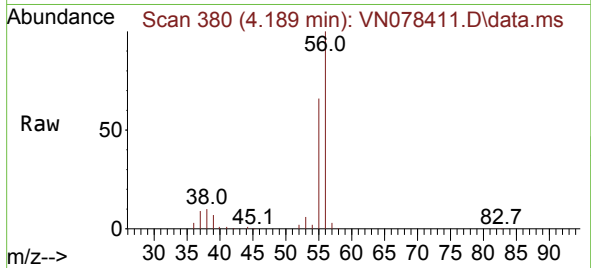




#13
Acrolein
Concen: 365.582 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

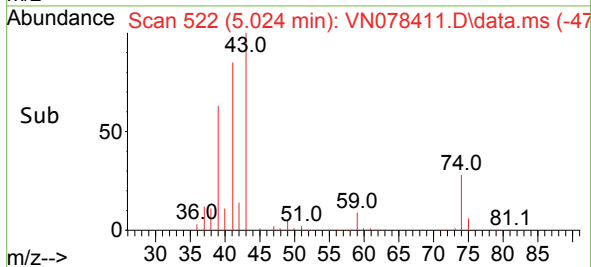
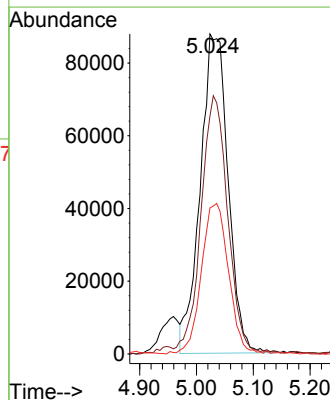
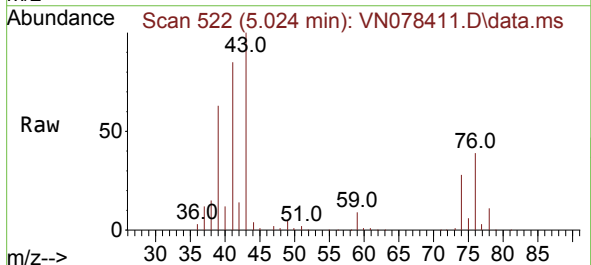
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

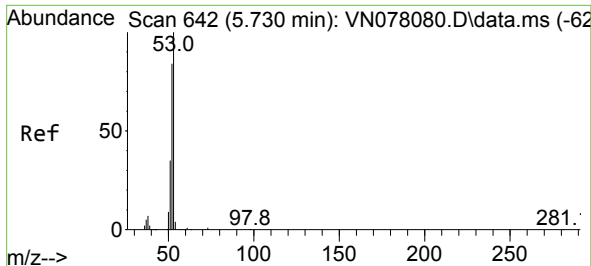
Tgt Ion: 56 Resp: 322320
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7



#14
Allyl chloride
Concen: 51.581 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.012 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 41 Resp: 298767
Ion Ratio Lower Upper
41 100
39 77.1 58.8 88.2
76 45.3 39.1 58.7

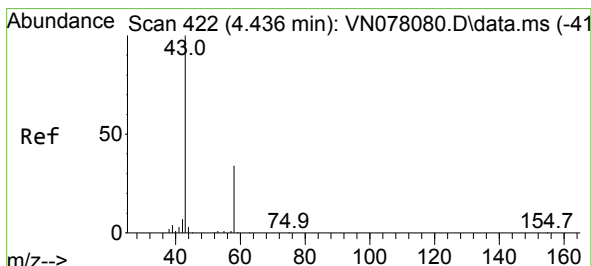
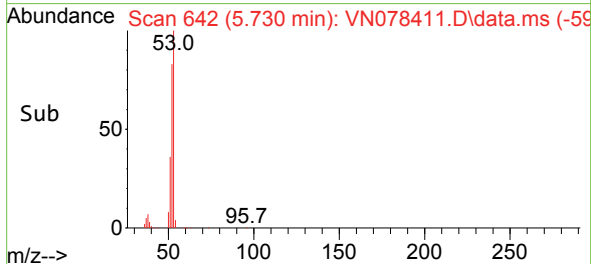
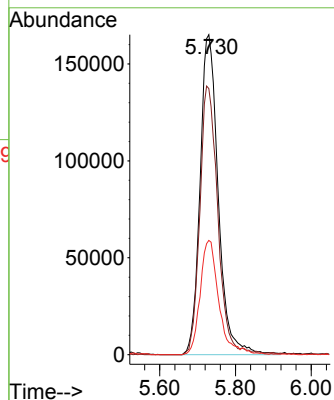
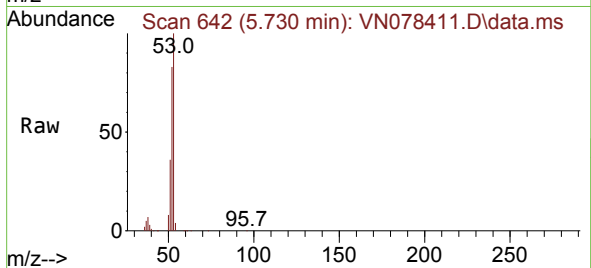




#15
Acrylonitrile
Concen: 267.589 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

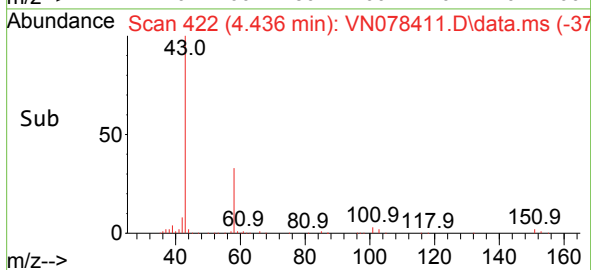
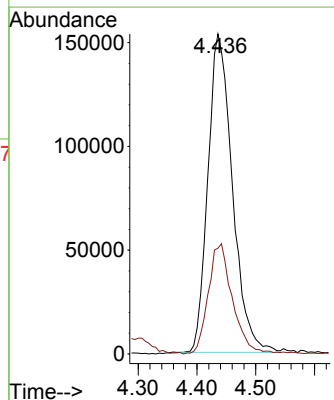
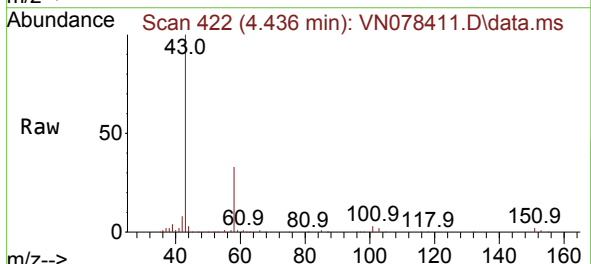
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

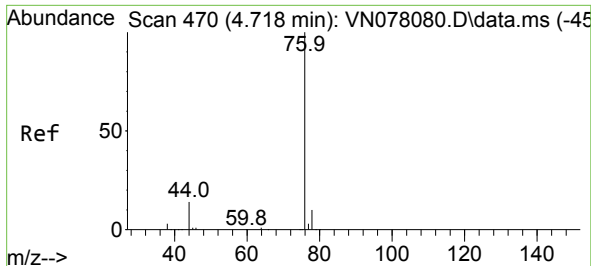
Tgt Ion: 53 Resp: 551882
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.8 28.9 43.3



#16
Acetone
Concen: 266.026 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 43 Resp: 443620
Ion Ratio Lower Upper
43 100
58 32.8 28.0 42.0

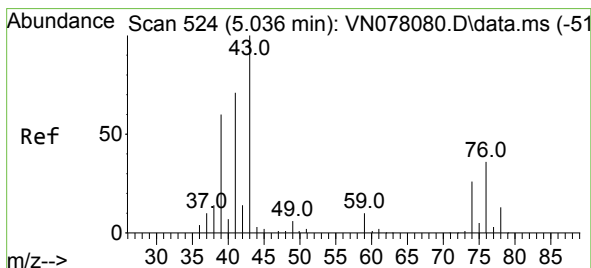
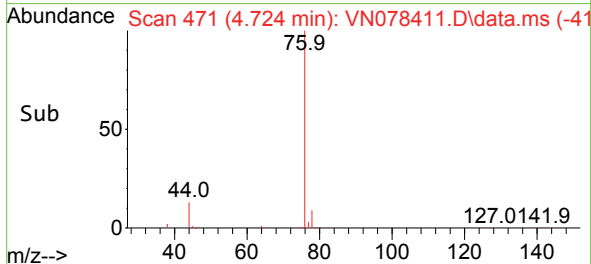
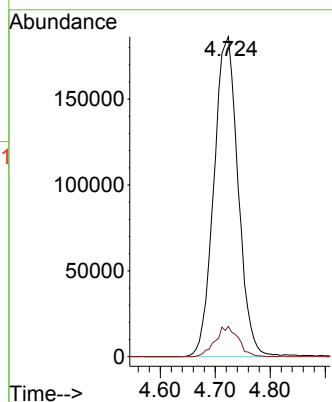
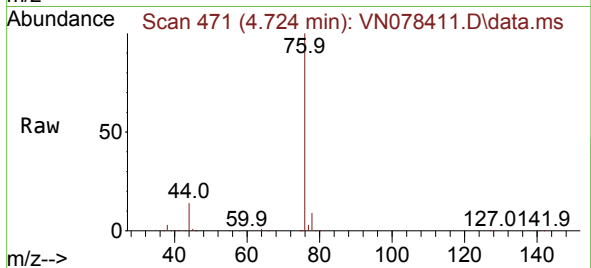




#17
Carbon Disulfide
Concen: 46.656 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

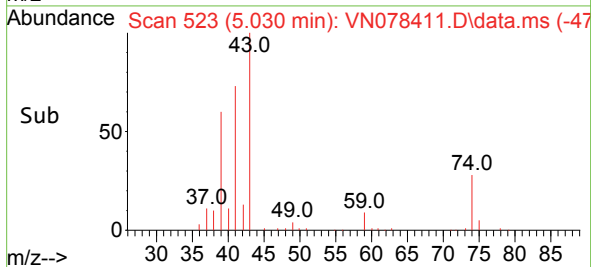
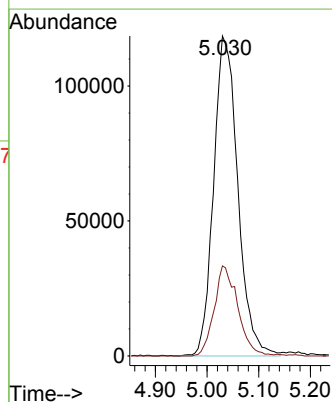
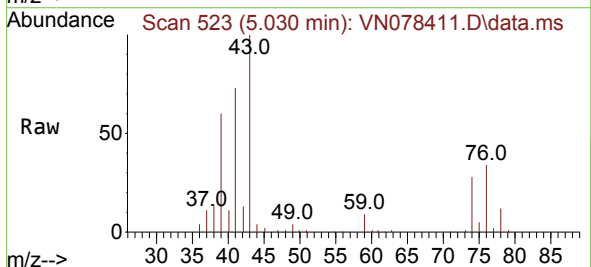
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

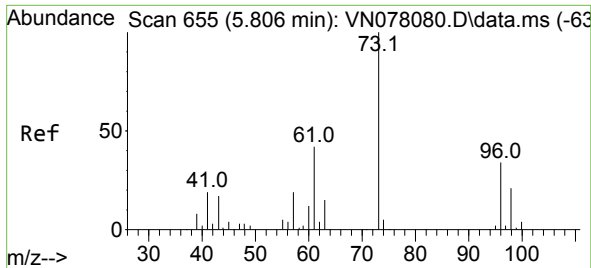
Tgt Ion: 76 Resp: 569821
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 50.177 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 43 Resp: 385231
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4

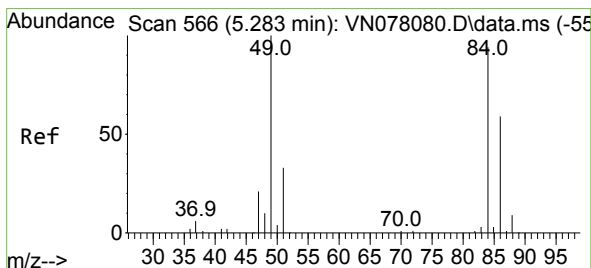
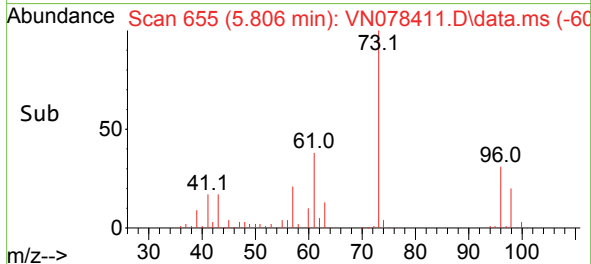
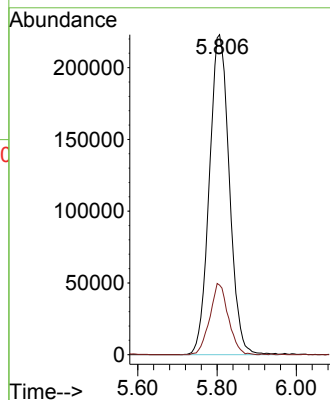
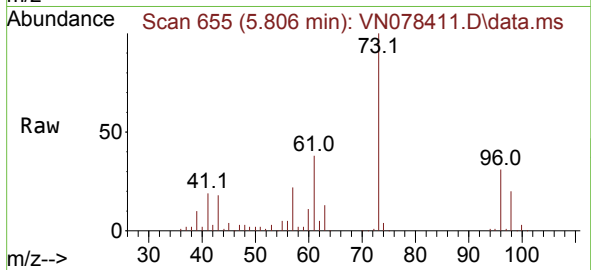




#19
Methyl tert-butyl Ether
Concen: 51.595 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

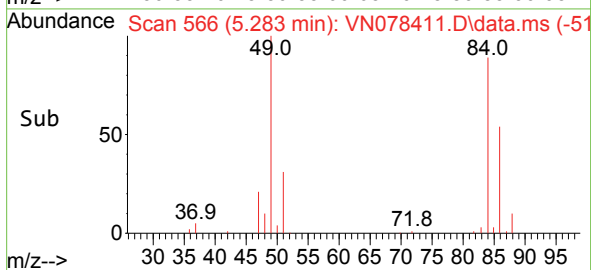
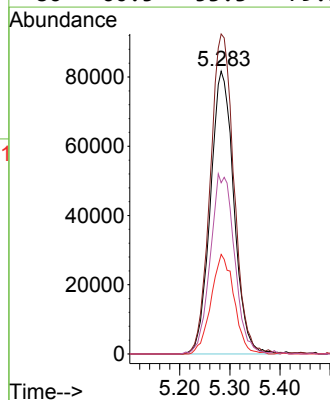
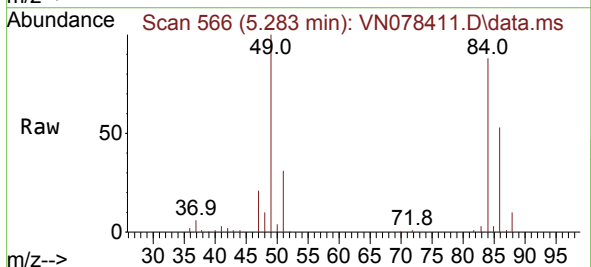
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

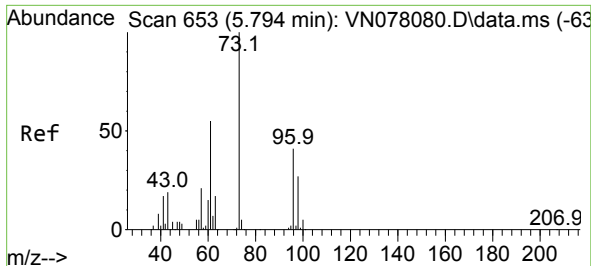
Tgt Ion: 73 Resp: 781102
Ion Ratio Lower Upper
73 100
57 21.8 15.6 23.4



#20
Methylene Chloride
Concen: 48.094 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 84 Resp: 265028
Ion Ratio Lower Upper
84 100
49 113.2 79.7 119.5
51 35.2 25.2 37.8
86 60.5 53.3 79.9

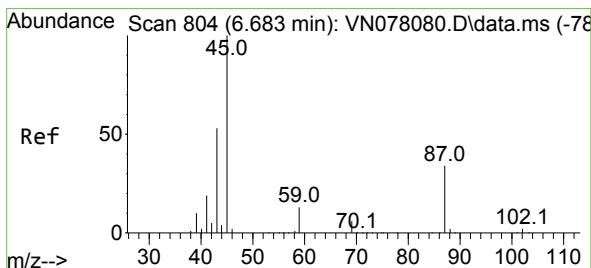
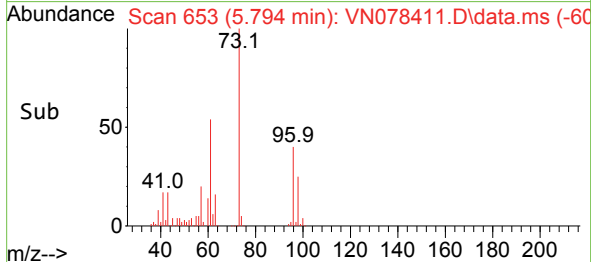
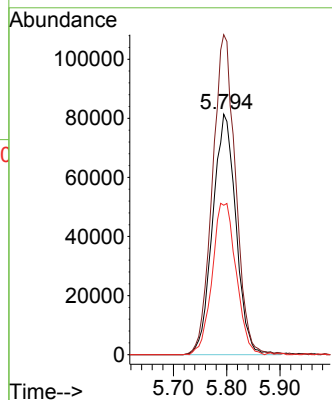
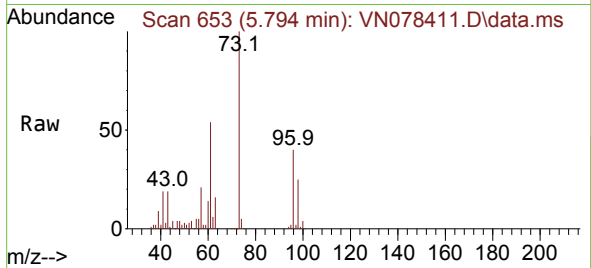




#21
trans-1,2-Dichloroethene
Concen: 48.244 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

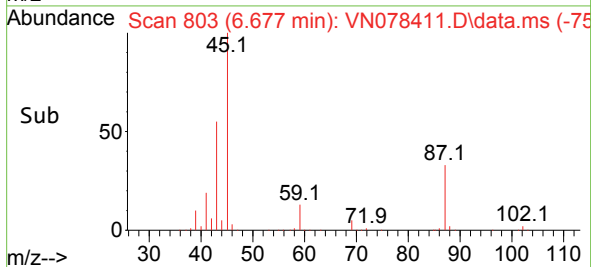
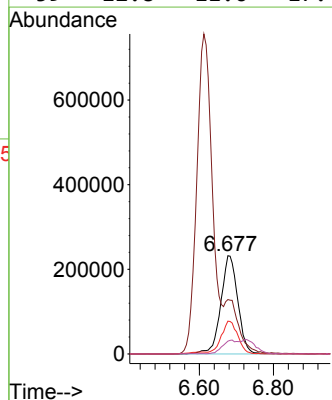
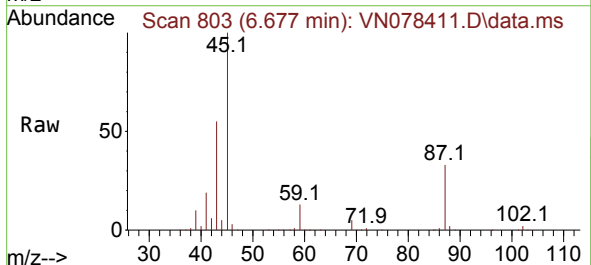
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 246901
Ion Ratio Lower Upper
96 100
61 133.1 90.1 135.1
98 62.1 46.4 69.6



#22
Diisopropyl ether
Concen: 54.266 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 45 Resp: 739349
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 33.3 31.8 47.8
59 12.8 11.6 17.4

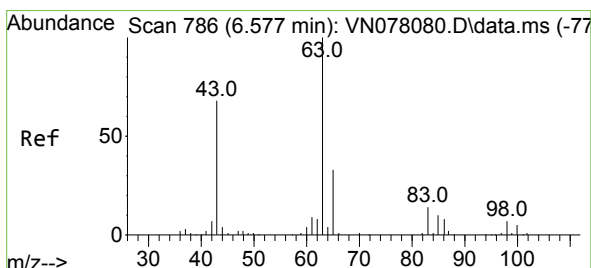
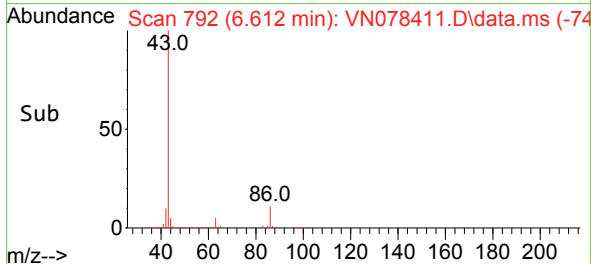
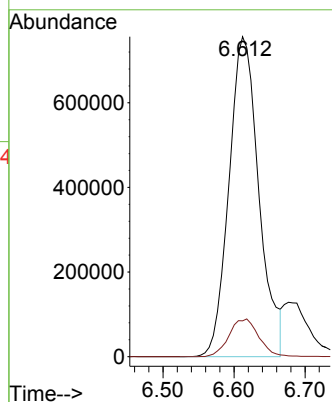
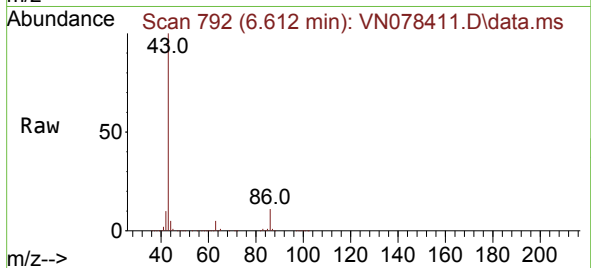




#23
 Vinyl Acetate
 Concen: 273.948 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

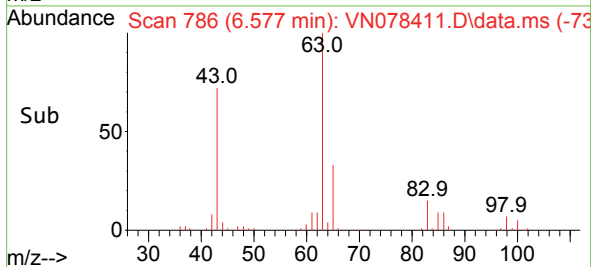
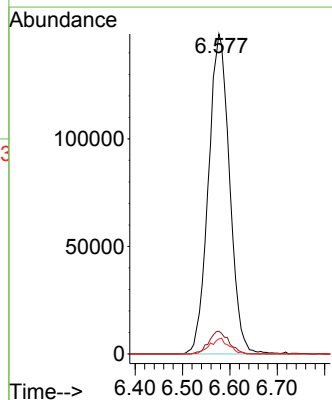
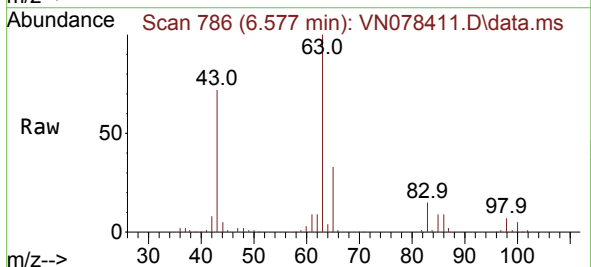
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

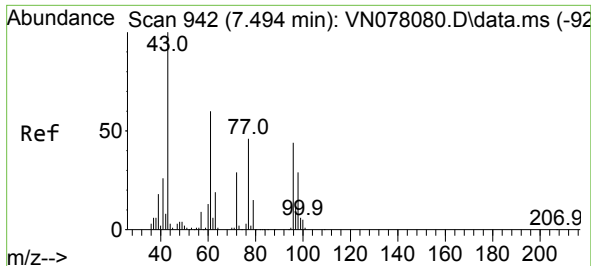
Tgt Ion: 43 Resp: 2218715
 Ion Ratio Lower Upper
 43 100
 86 11.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 51.408 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

Tgt Ion: 63 Resp: 462048
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.7 2.5 7.4

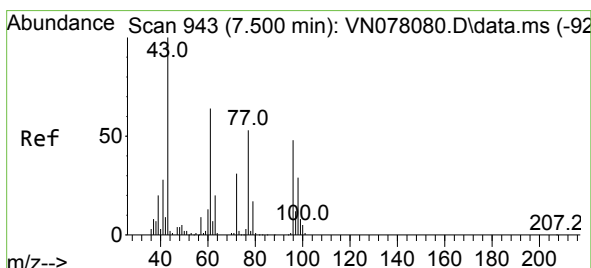
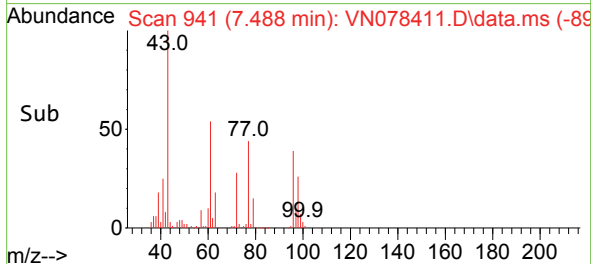
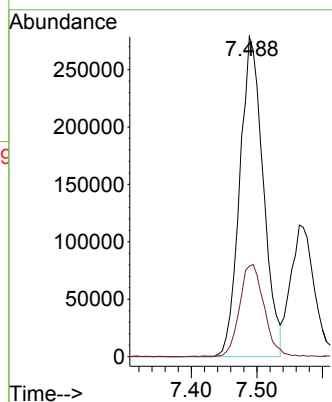
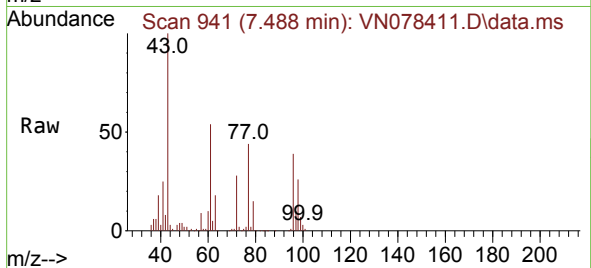




#25
2-Butanone
Concen: 271.340 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

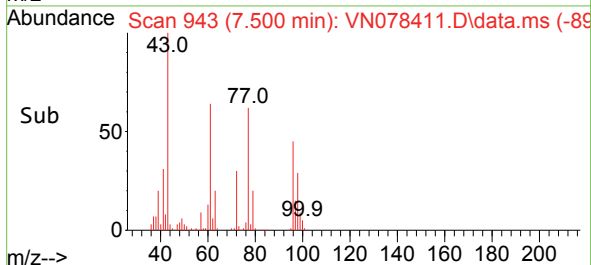
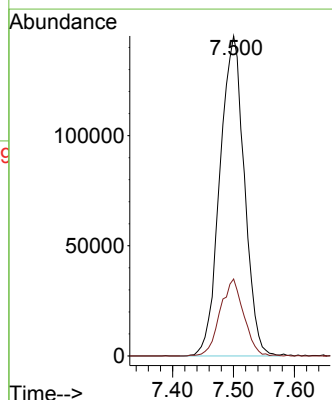
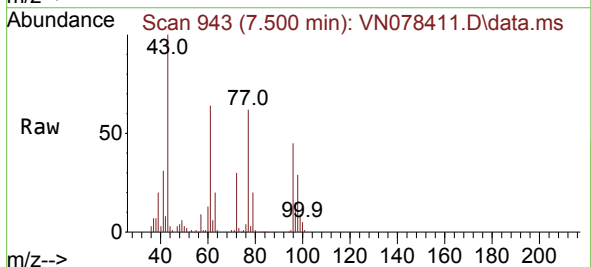
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

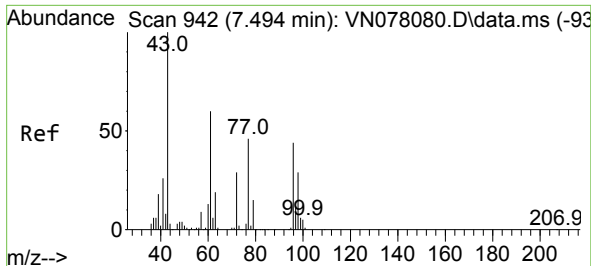
Tgt Ion: 43 Resp: 695820
Ion Ratio Lower Upper
43 100
72 28.3 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 61.033 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 77 Resp: 405036
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6

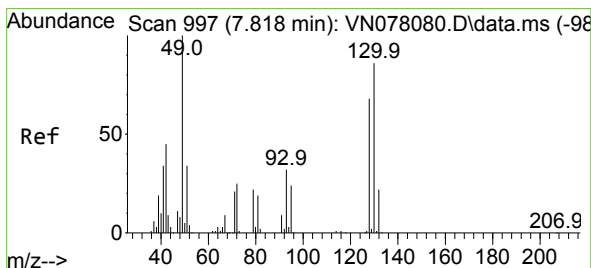
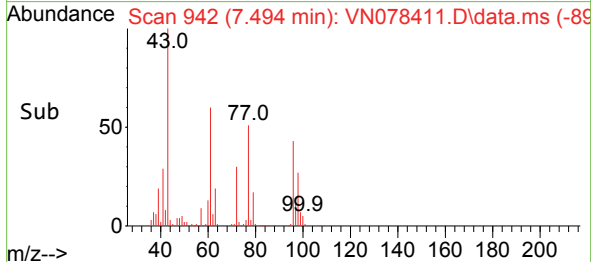
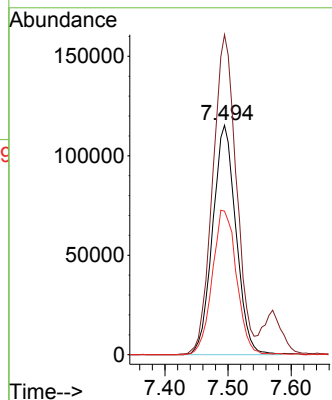
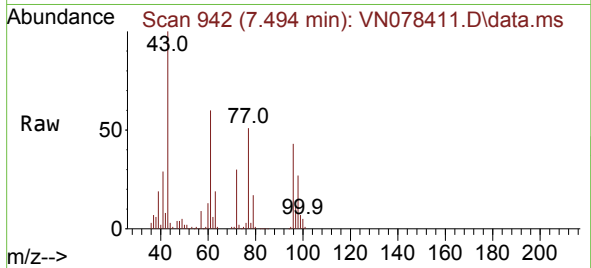




#27
 cis-1,2-Dichloroethene
 Concen: 48.569 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

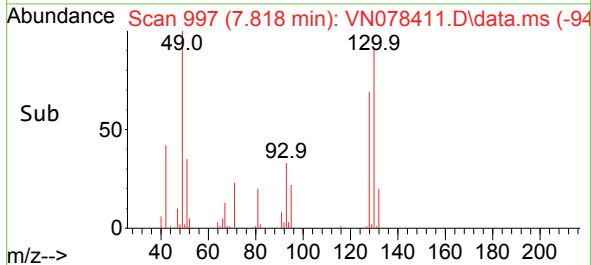
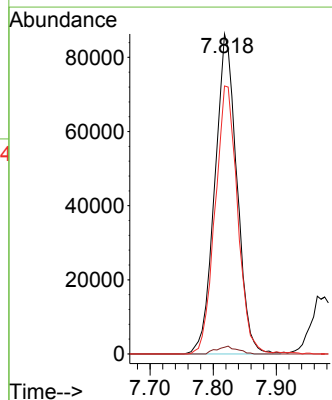
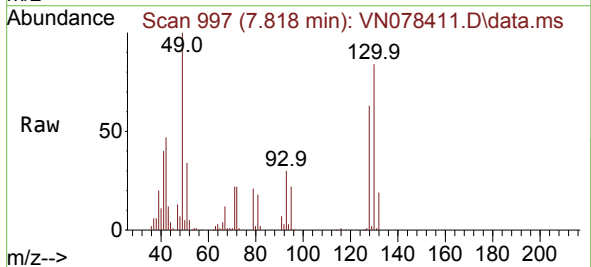
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

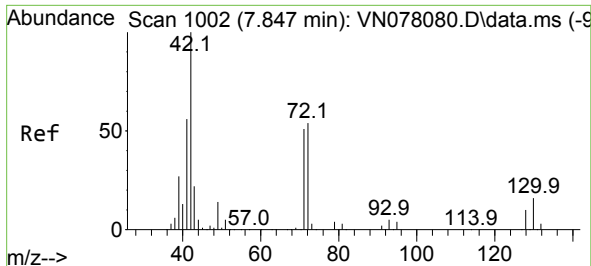
Tgt Ion: 96 Resp: 296493
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 255.2
 98 65.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 50.755 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

Tgt Ion: 49 Resp: 209448
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 85.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 263.908 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

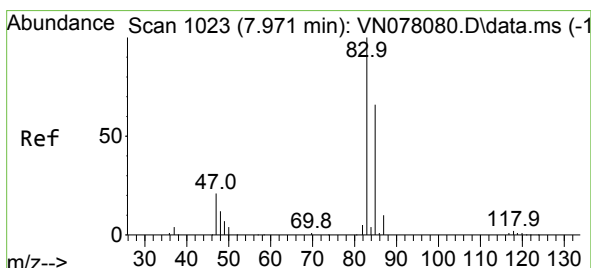
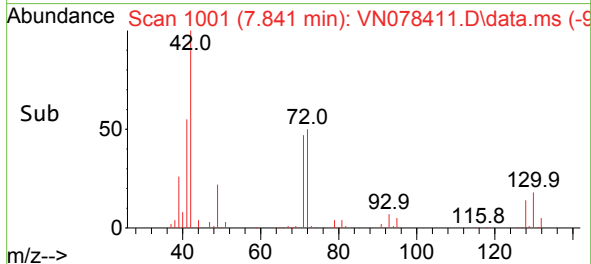
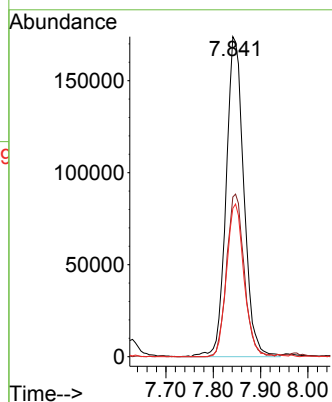
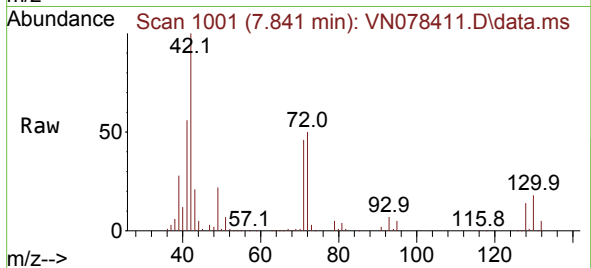
Tgt Ion: 42 Resp: 452418

Ion Ratio Lower Upper

42 100

72 50.3 49.8 74.6

71 47.3 47.4 71.2#



#30

Chloroform

Concen: 52.193 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078411.D

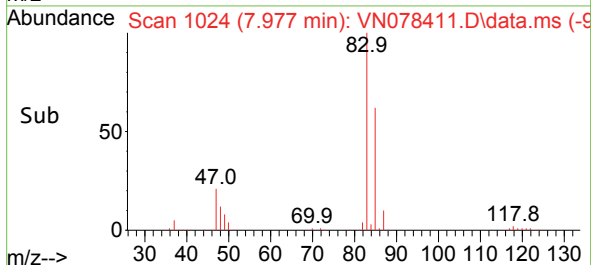
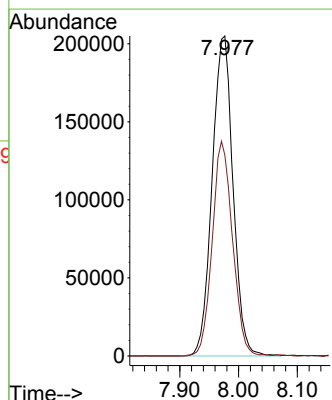
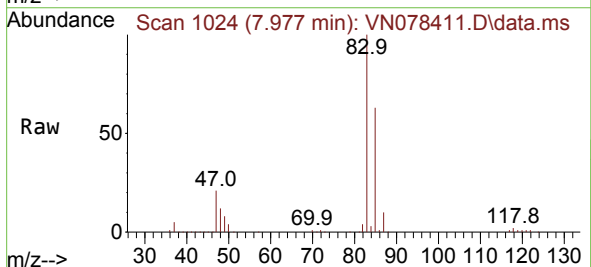
Acq: 27 Jun 2023 11:26

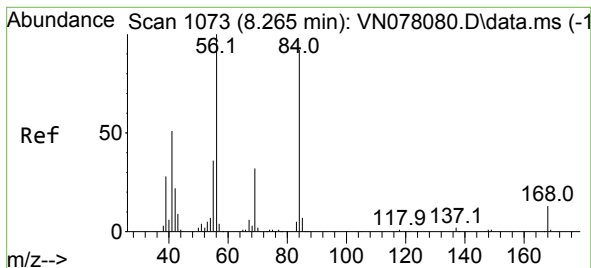
Tgt Ion: 83 Resp: 505137

Ion Ratio Lower Upper

83 100

85 62.8 55.4 83.0





#31

Cyclohexane

Concen: 47.620 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

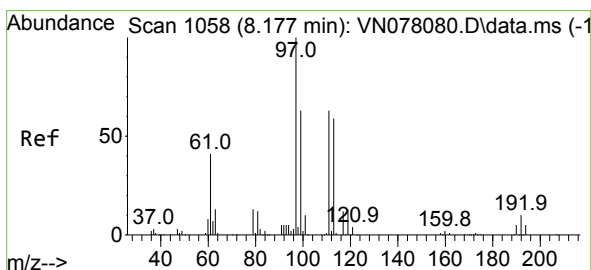
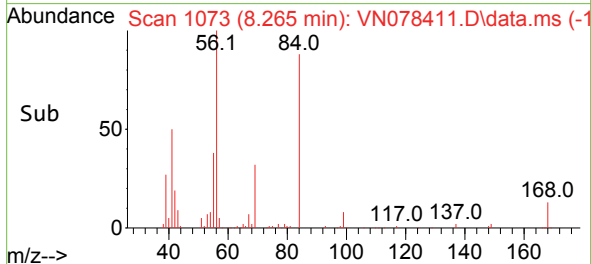
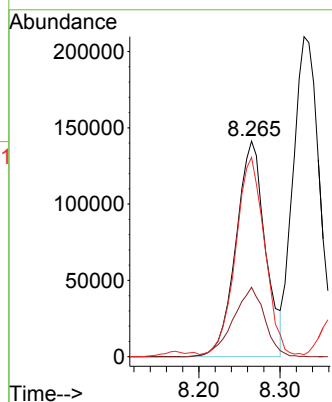
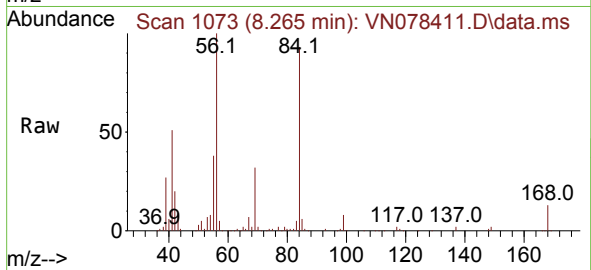
Tgt Ion: 56 Resp: 353899

Ion Ratio Lower Upper

56 100

69 32.2 26.8 40.2

84 90.5 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 50.937 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

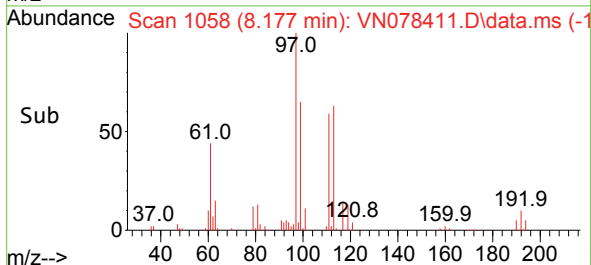
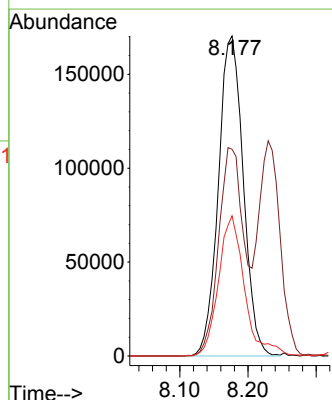
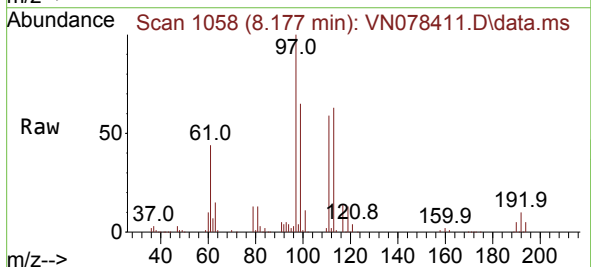
Tgt Ion: 97 Resp: 432805

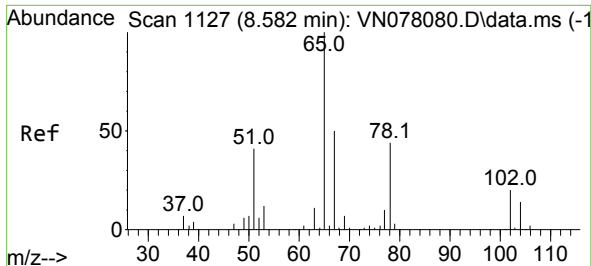
Ion Ratio Lower Upper

97 100

99 66.9 50.3 75.5

61 46.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.205 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

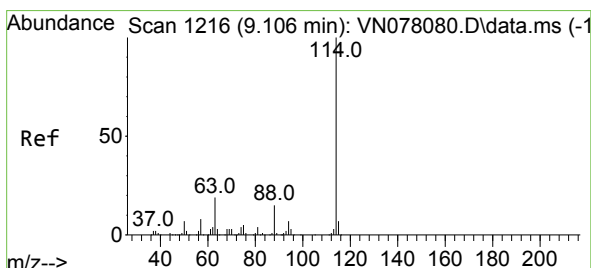
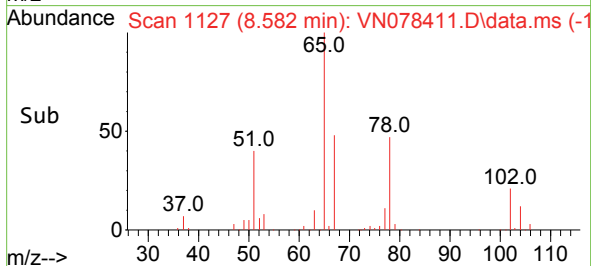
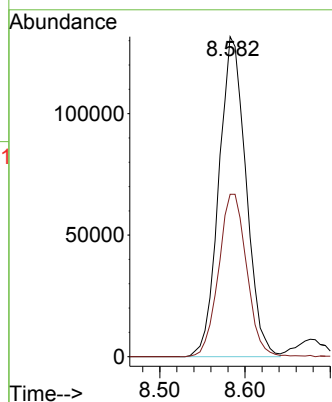
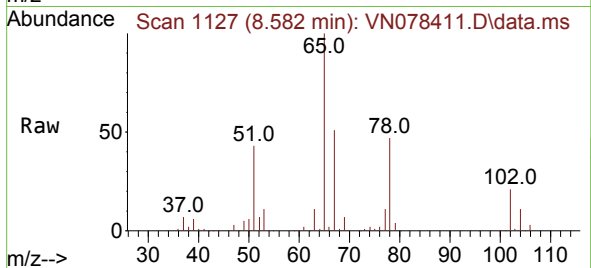
VSTDCCC050

Tgt Ion: 65 Resp: 290864

Ion Ratio Lower Upper

65 100

67 52.6 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: VN078411.D

Acq: 27 Jun 2023 11:26

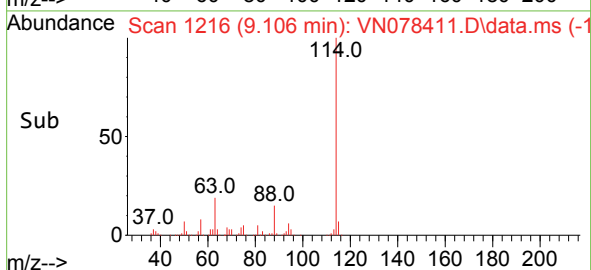
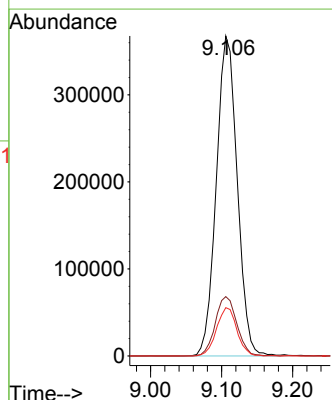
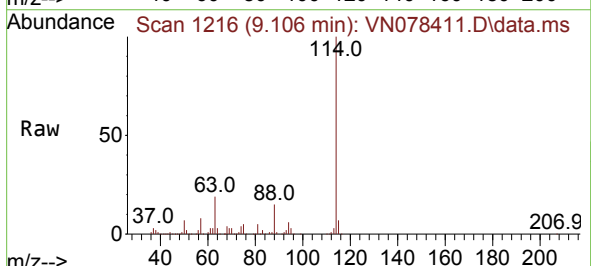
Tgt Ion: 114 Resp: 751426

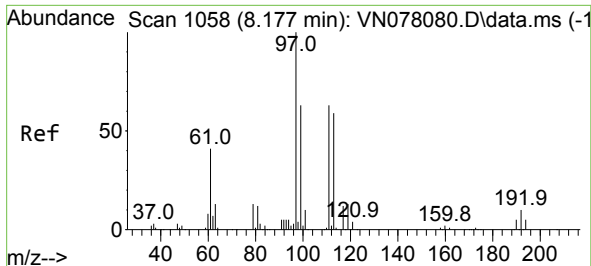
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 15.1 0.0 30.6

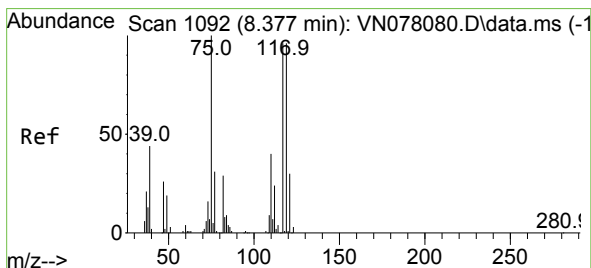
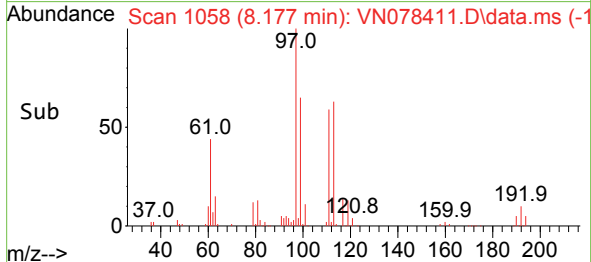
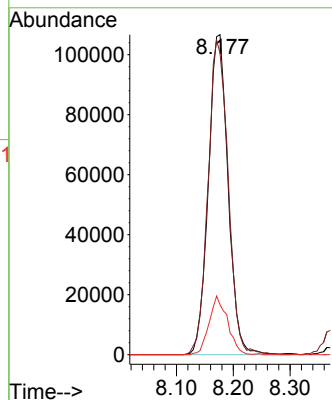
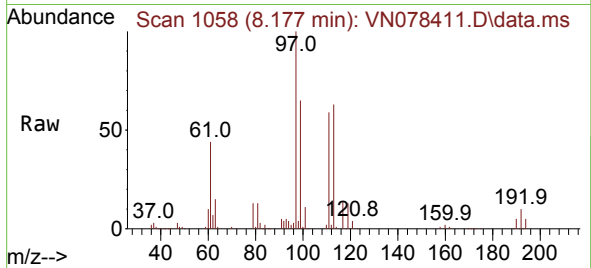




#35
Dibromofluoromethane
Concen: 53.976 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

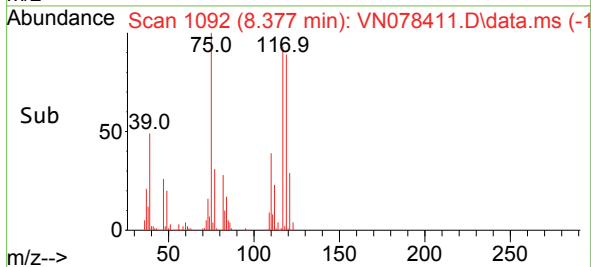
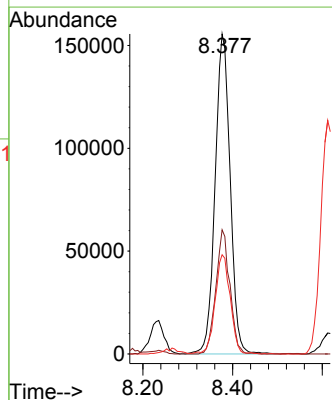
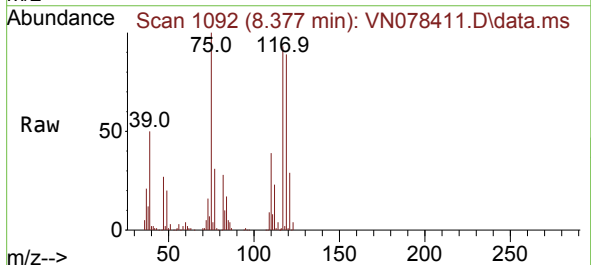
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

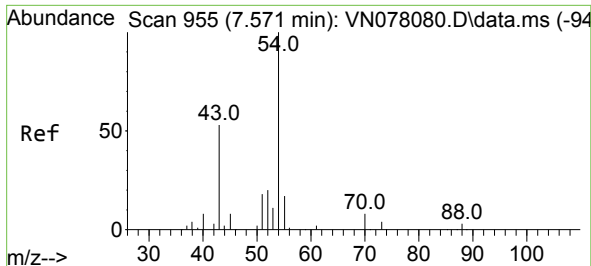
Tgt Ion:113 Resp: 256449
Ion Ratio Lower Upper
113 100
111 100.4 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 53.192 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 75 Resp: 362502
Ion Ratio Lower Upper
75 100
110 36.0 19.1 57.3
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 54.666 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

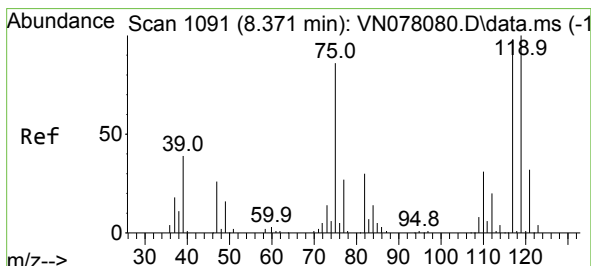
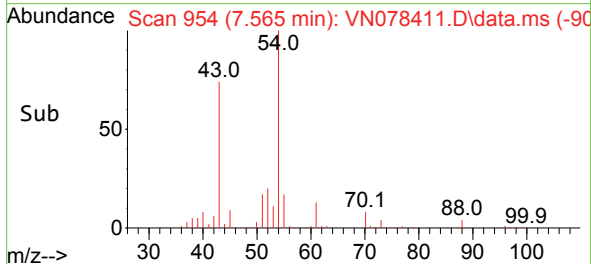
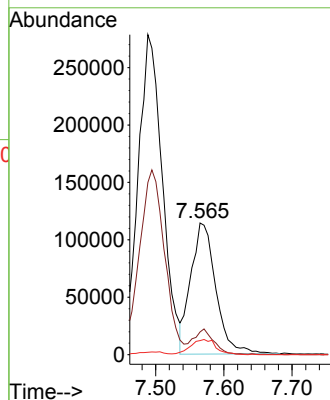
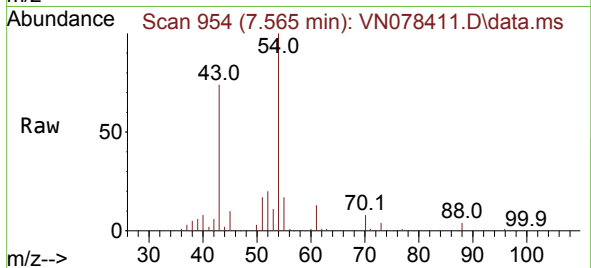
Tgt Ion: 43 Resp: 291036

Ion Ratio Lower Upper

43 100

61 15.8 13.2 19.8

70 11.8 11.3 16.9



#38

Carbon Tetrachloride

Concen: 55.306 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

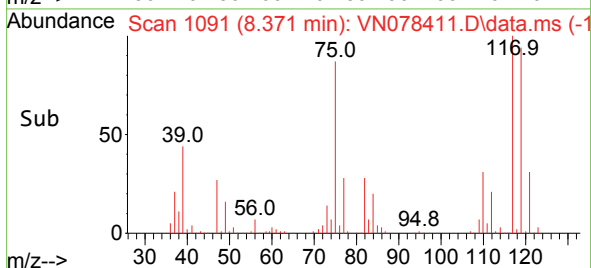
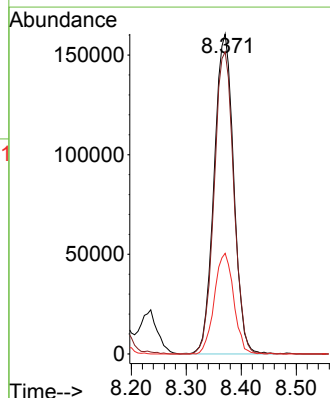
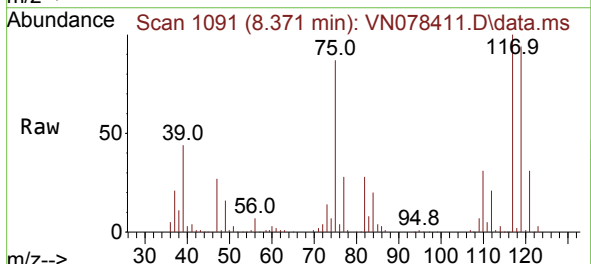
Tgt Ion: 117 Resp: 397983

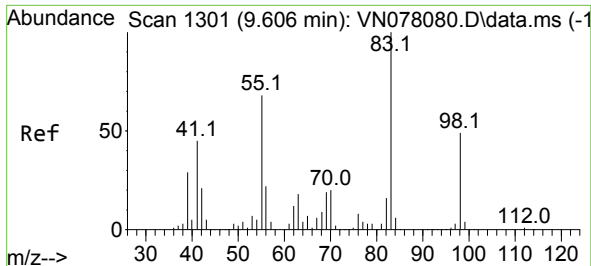
Ion Ratio Lower Upper

117 100

119 94.4 77.3 115.9

121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 46.747 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

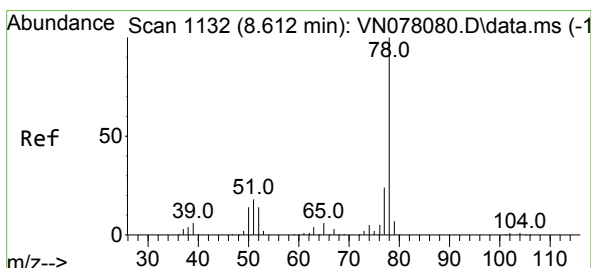
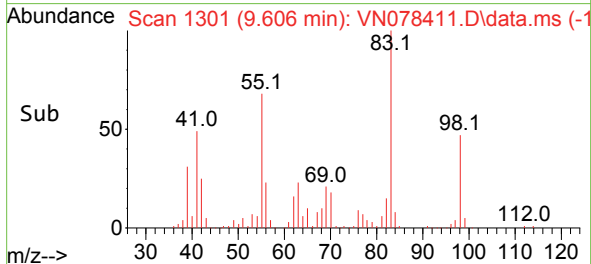
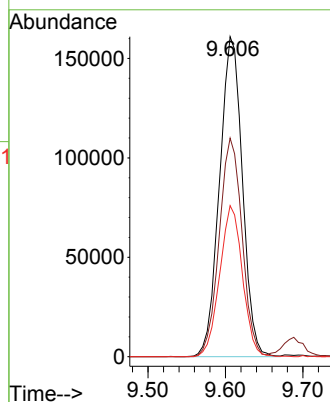
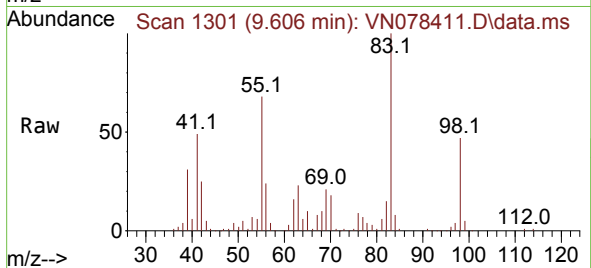
Tgt Ion: 83 Resp: 330156

Ion Ratio Lower Upper

83 100

55 68.3 49.1 73.7

98 47.2 40.6 61.0



#40

Benzene

Concen: 53.555 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078411.D

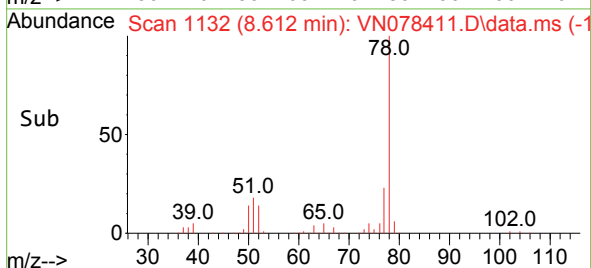
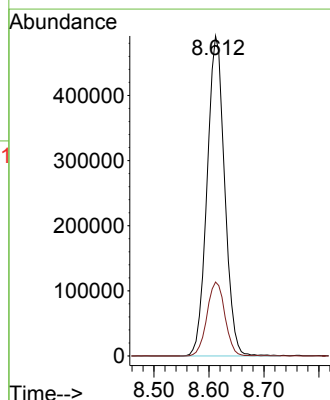
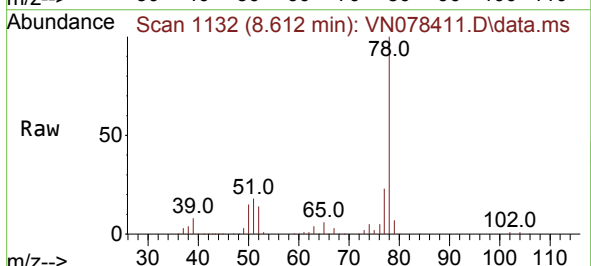
Acq: 27 Jun 2023 11:26

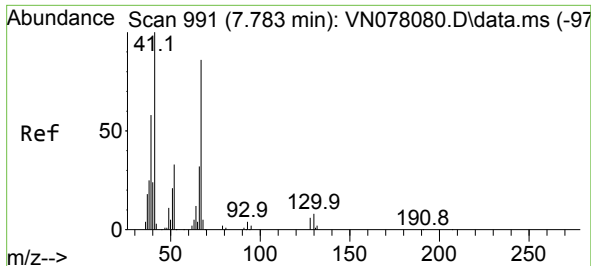
Tgt Ion: 78 Resp: 1089616

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6



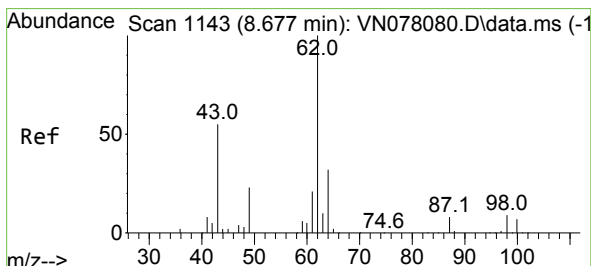
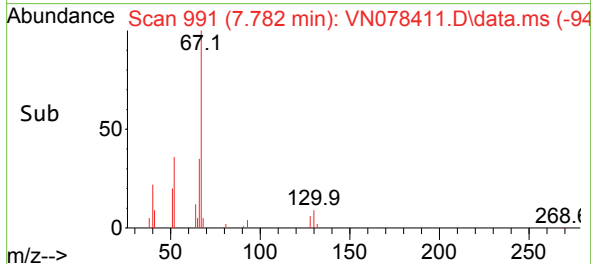
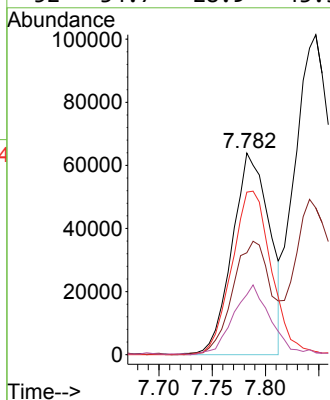
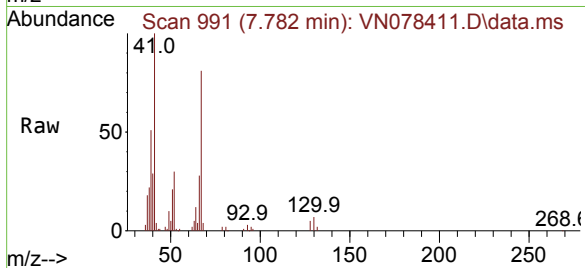


#41
Methacrylonitrile
Concen: 54.016 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 155873

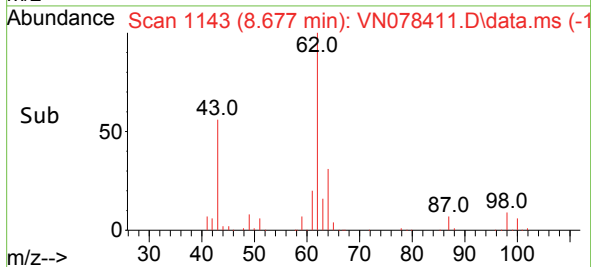
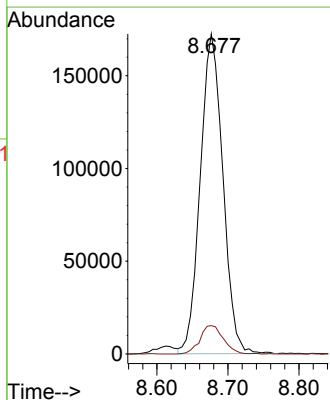
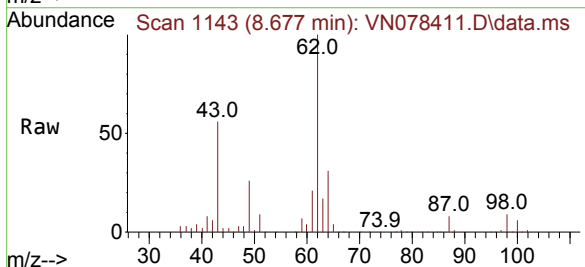
Ion	Ratio	Lower	Upper
41	100		
39	57.1	42.6	64.0
67	86.2	77.5	116.3
52	34.7	28.9	43.3

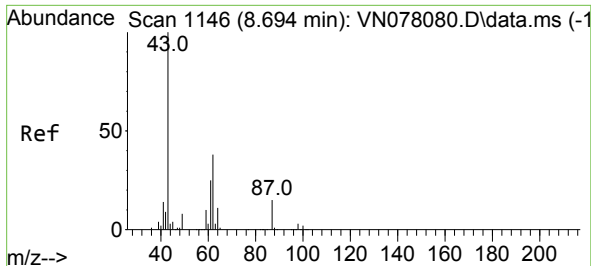


#42
1,2-Dichloroethane
Concen: 54.718 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 62 Resp: 381704

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8

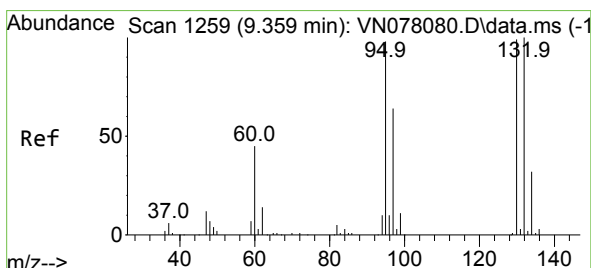
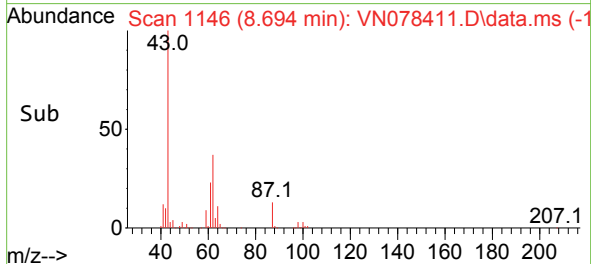
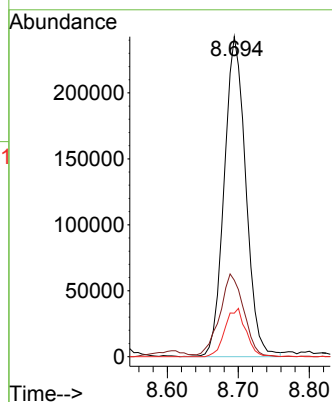
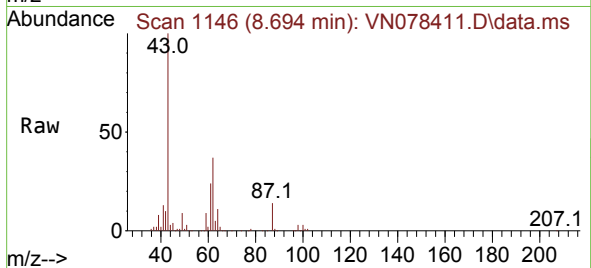




#43
Isopropyl Acetate
Concen: 50.317 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

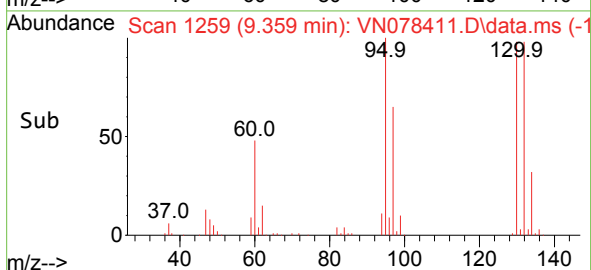
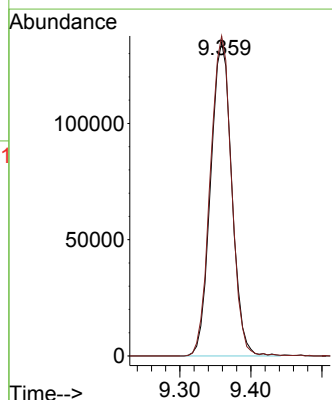
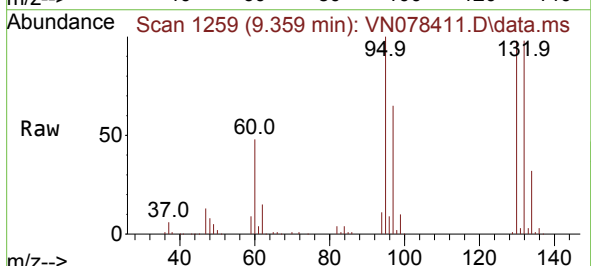
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

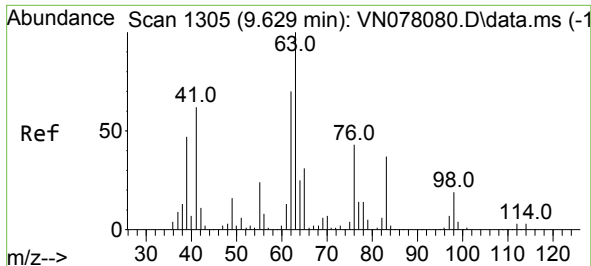
Tgt Ion: 43 Resp: 512315
Ion Ratio Lower Upper
43 100
61 28.8 24.7 37.1
87 14.6 14.6 21.8



#44
Trichloroethene
Concen: 51.945 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion:130 Resp: 279102
Ion Ratio Lower Upper
130 100
95 102.0 0.0 204.6

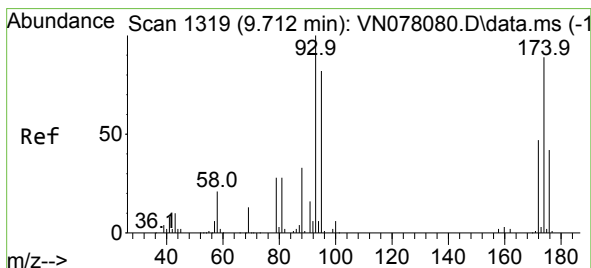
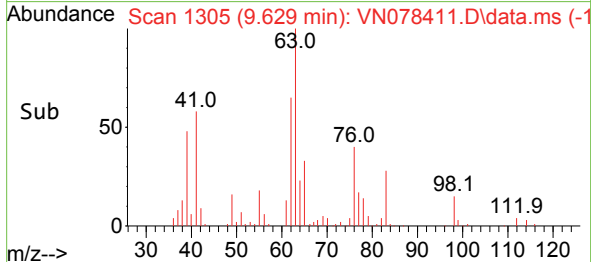
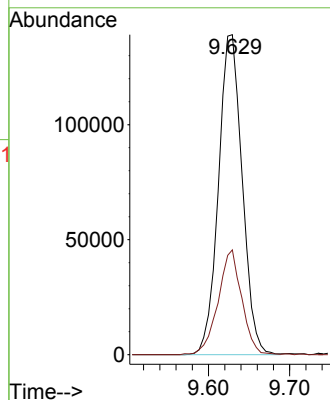
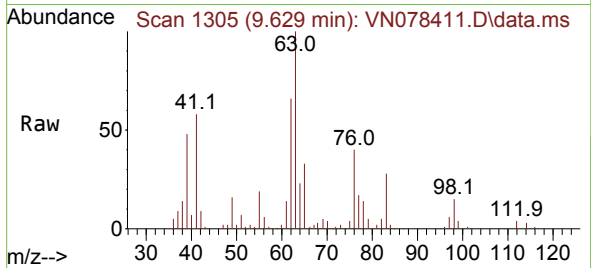




#45
1,2-Dichloropropane
Concen: 55.857 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

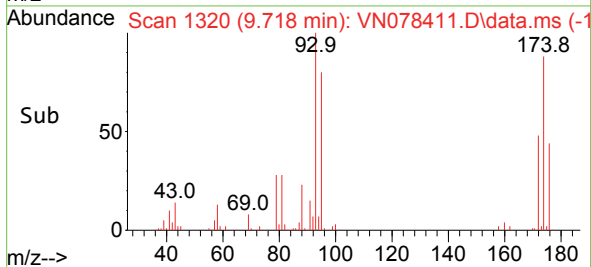
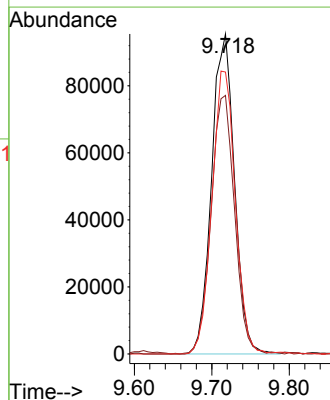
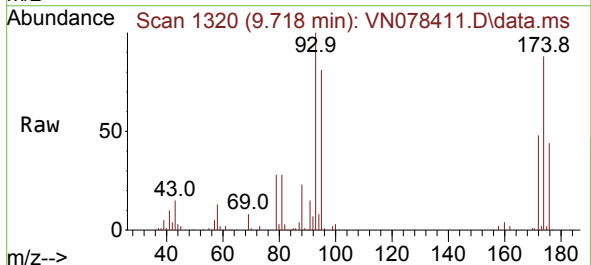
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

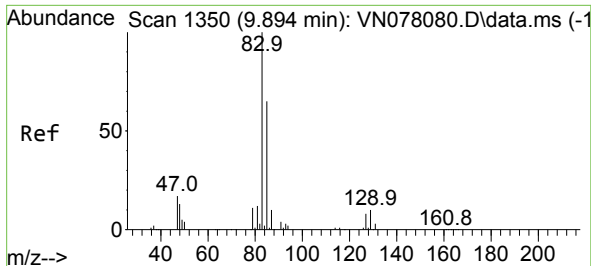
Tgt Ion: 63 Resp: 282748
Ion Ratio Lower Upper
63 100
65 32.7 23.9 35.9



#46
Dibromomethane
Concen: 52.724 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 93 Resp: 196583
Ion Ratio Lower Upper
93 100
95 82.7 63.8 95.8
174 90.2 65.6 98.4

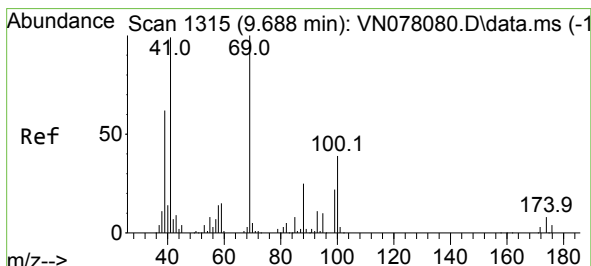
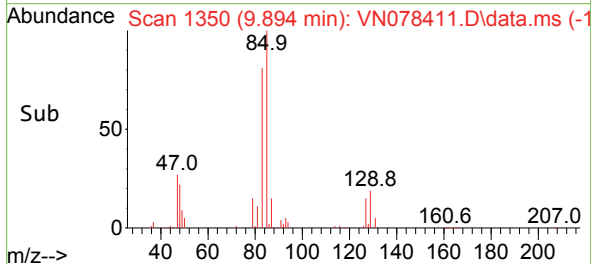
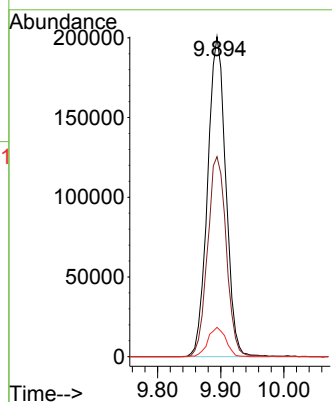
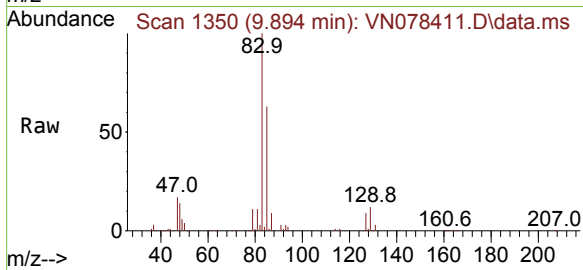




#47
Bromodichloromethane
Concen: 57.838 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

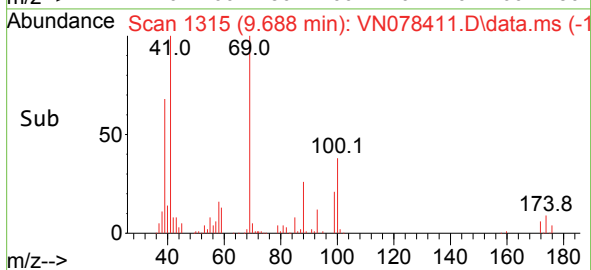
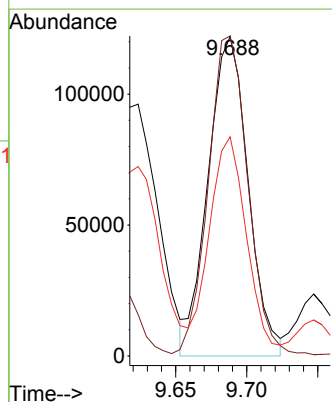
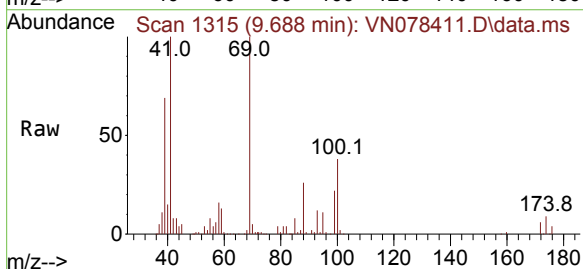
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

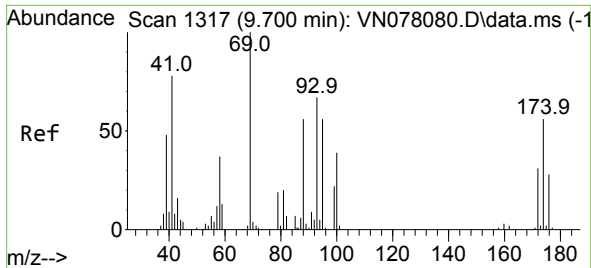
Tgt Ion: 83 Resp: 400576
Ion Ratio Lower Upper
83 100
85 62.5 49.6 74.4
127 9.2 7.0 10.6



#48
Methyl methacrylate
Concen: 56.012 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 41 Resp: 239327
Ion Ratio Lower Upper
41 100
69 97.9 90.4 135.6
39 63.6 54.6 81.8

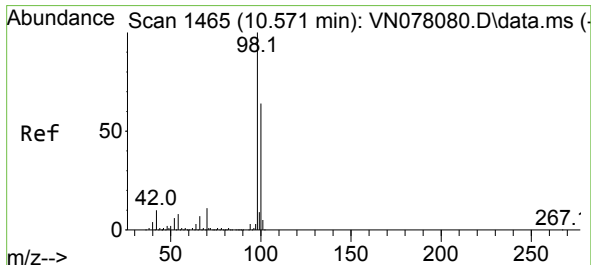
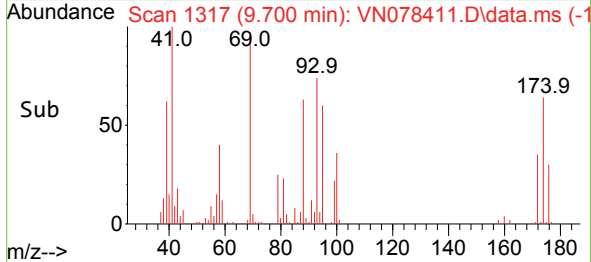
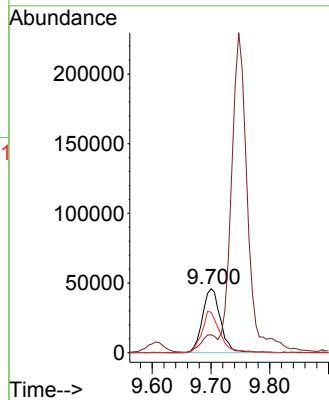
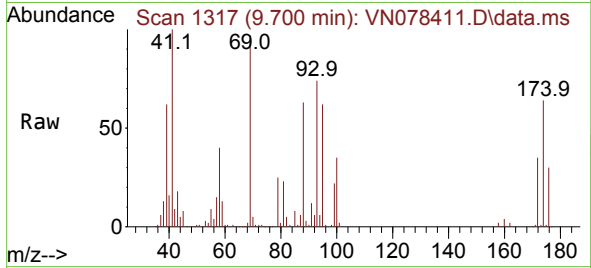




#49
1,4-Dioxane
Concen: 1096.122 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

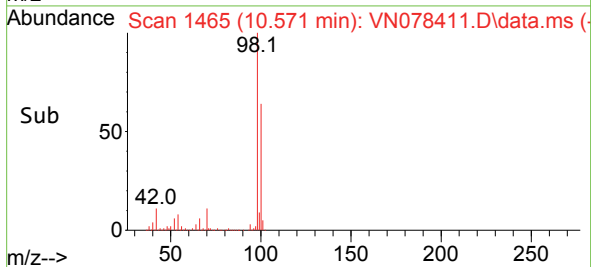
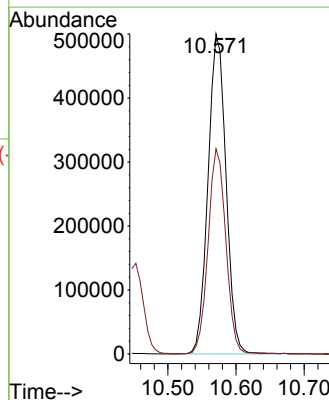
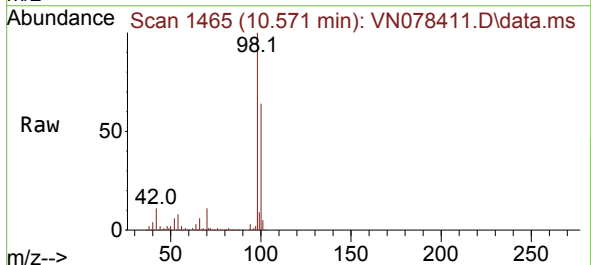
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

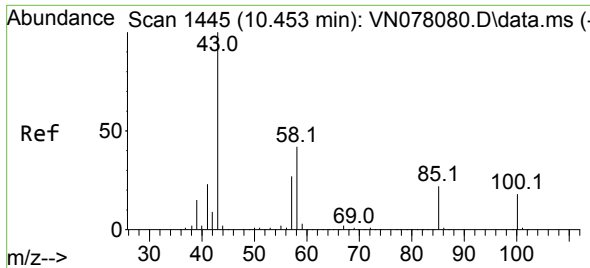
Tgt Ion: 88 Resp: 98437
Ion Ratio Lower Upper
88 100
43 24.2 17.0 25.6
58 64.3 47.0 70.4



#50
Toluene-d8
Concen: 50.228 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 98 Resp: 919988
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

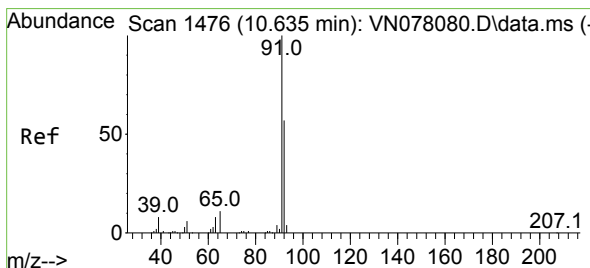
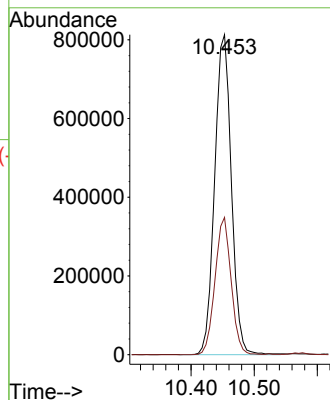
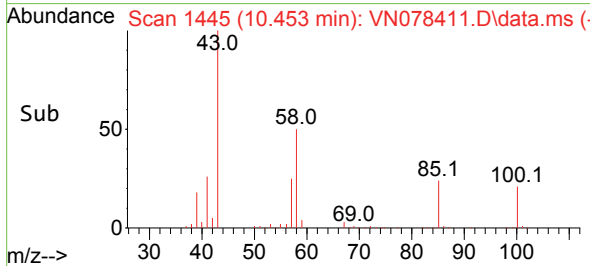
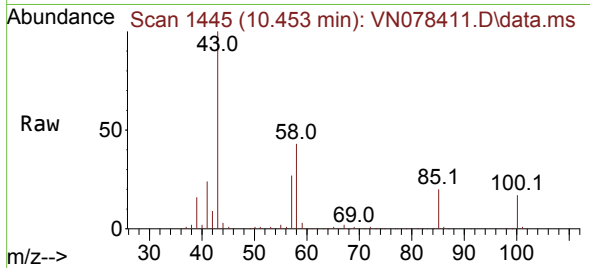




#51
4-Methyl-2-Pentanone
Concen: 278.337 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

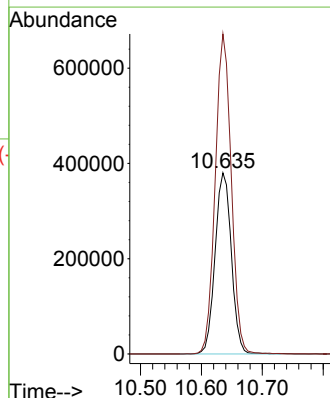
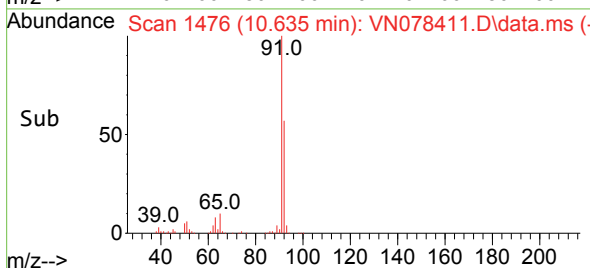
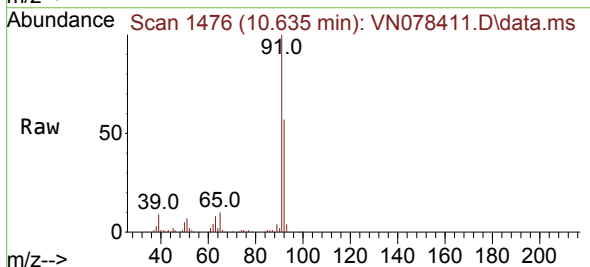
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

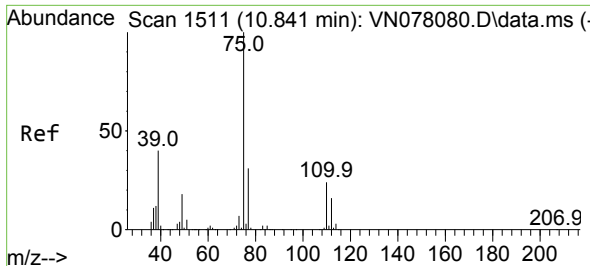
Tgt Ion: 43 Resp: 1492316
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8



#52
Toluene
Concen: 54.873 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 92 Resp: 704880
Ion Ratio Lower Upper
92 100
91 174.2 137.4 206.0

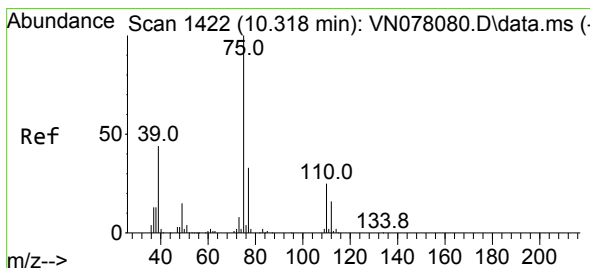
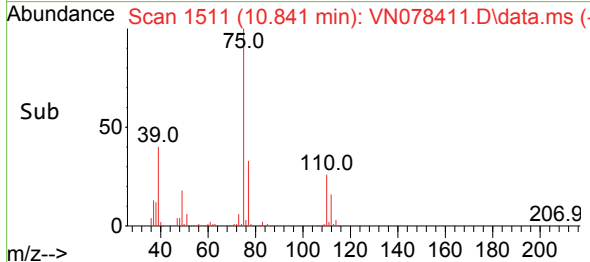
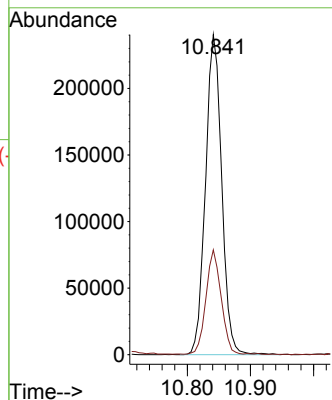
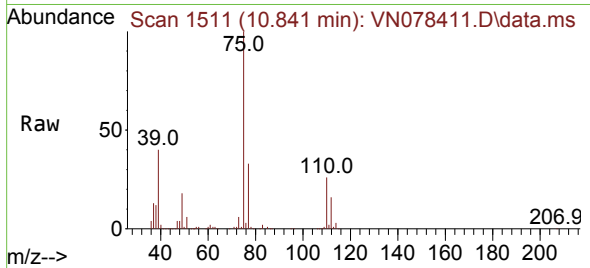




#53
 t-1,3-Dichloropropene
 Concen: 59.339 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

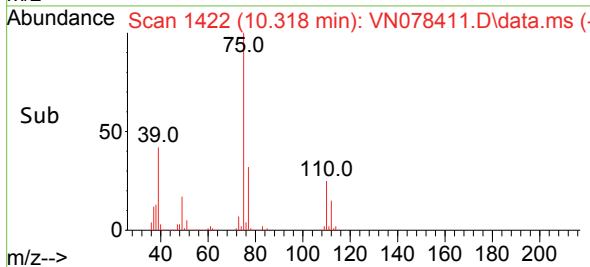
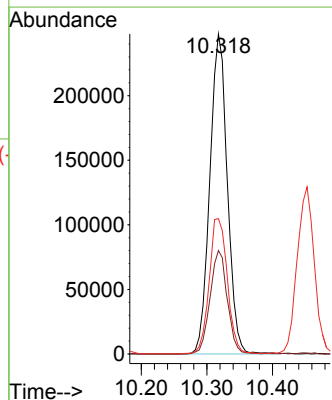
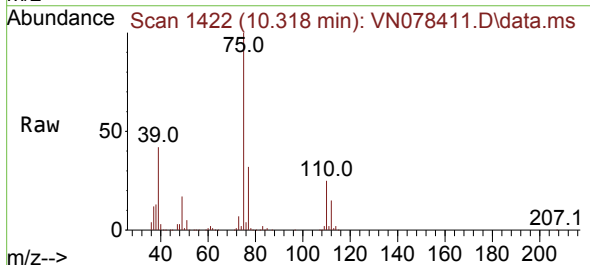
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

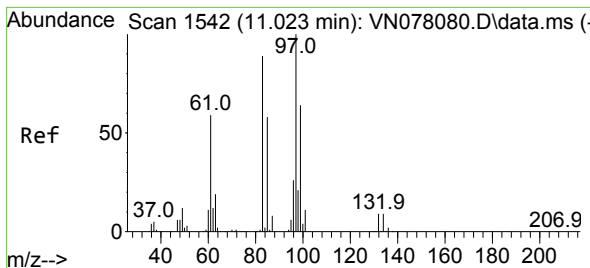
Tgt Ion: 75 Resp: 428007
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 57.606 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

Tgt Ion: 75 Resp: 459308
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.1 39.1
 39 42.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 56.330 ug/l

RT: 11.023 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 273730

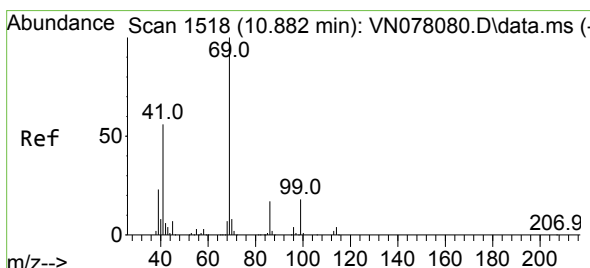
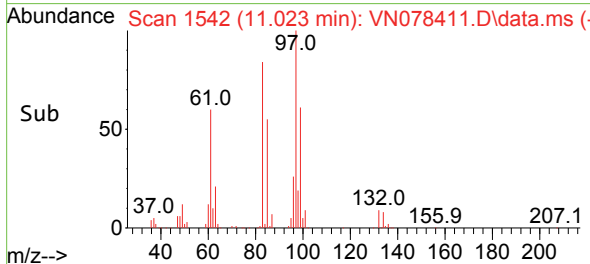
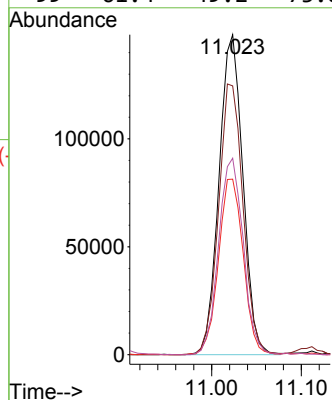
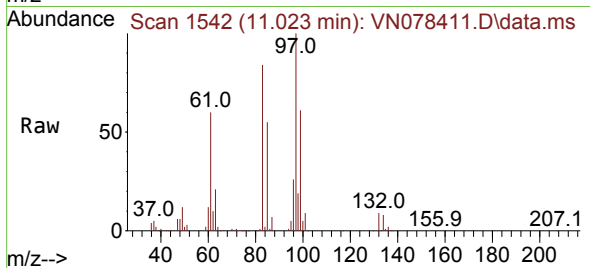
Ion Ratio Lower Upper

97 100

83 84.0 65.1 97.7

85 54.8 43.4 65.2

99 61.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 56.723 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

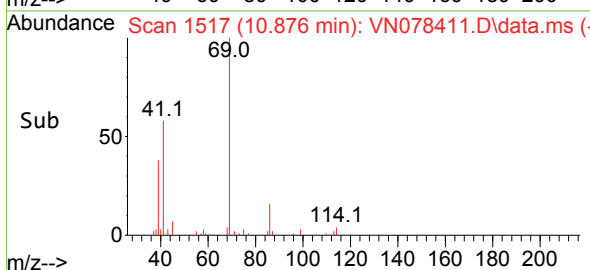
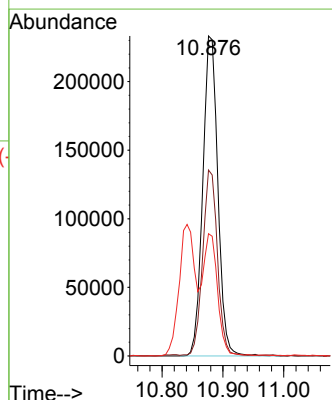
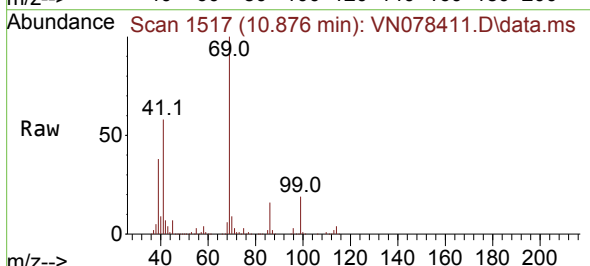
Tgt Ion: 69 Resp: 401352

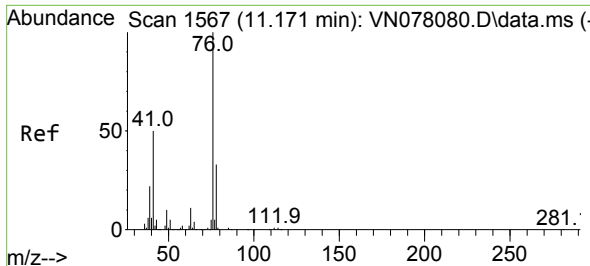
Ion Ratio Lower Upper

69 100

41 56.6 39.6 59.4

39 37.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 56.385 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

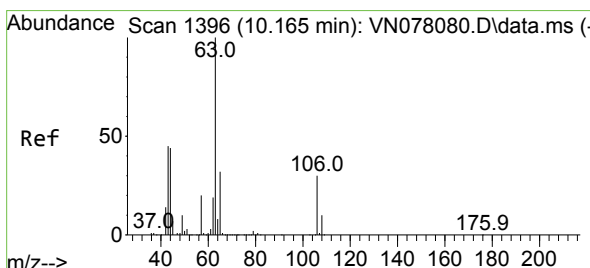
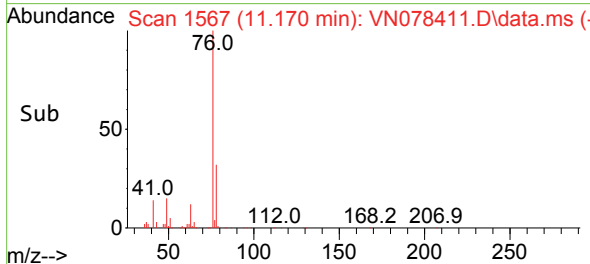
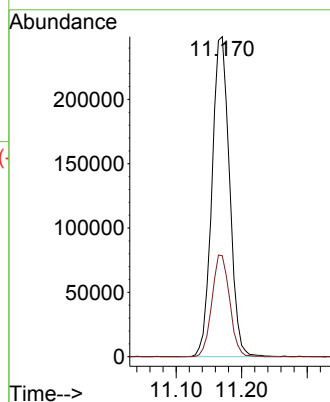
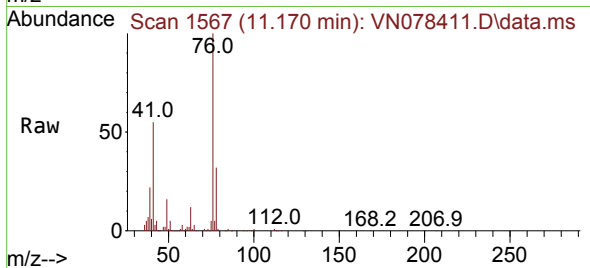
VSTDCCC050

Tgt Ion: 76 Resp: 462499

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 236.284 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078411.D

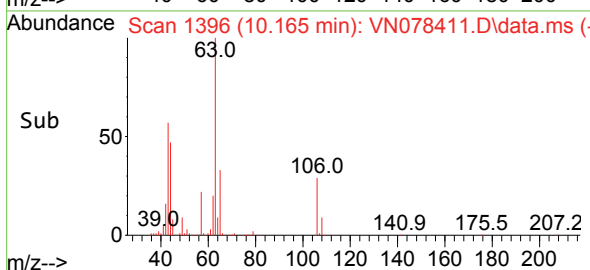
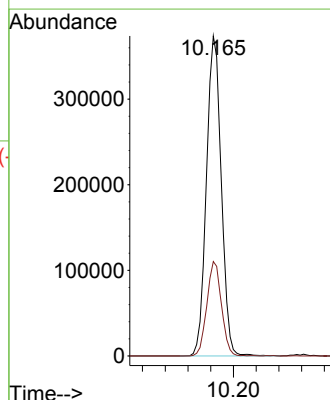
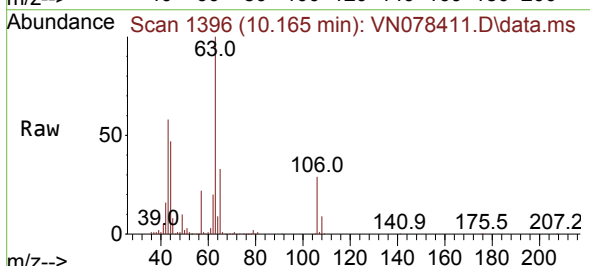
Acq: 27 Jun 2023 11:26

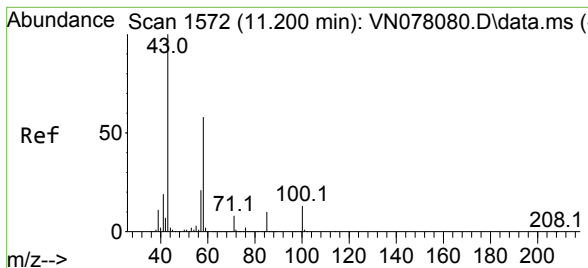
Tgt Ion: 63 Resp: 675379

Ion Ratio Lower Upper

63 100

106 29.0 26.2 39.4

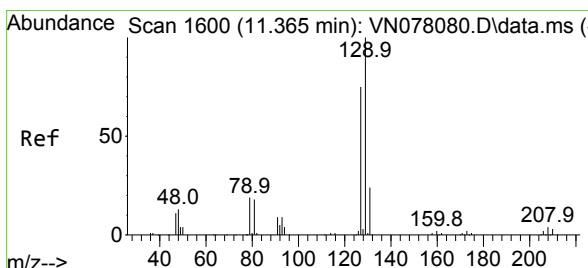
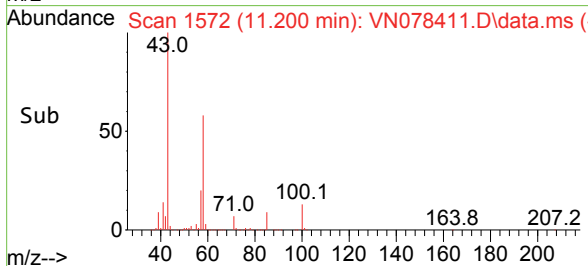
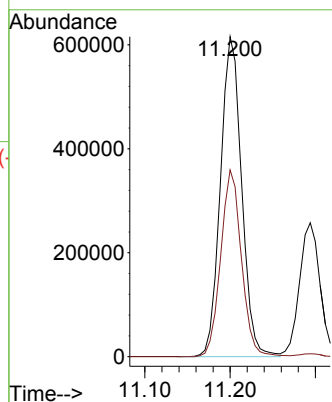
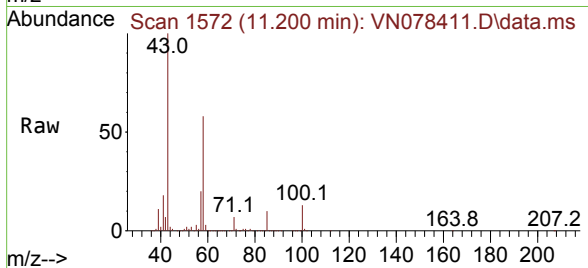




#59
2-Hexanone
Concen: 284.863 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

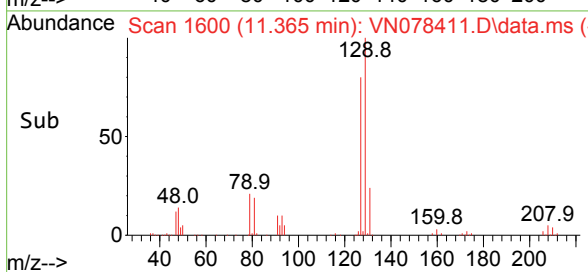
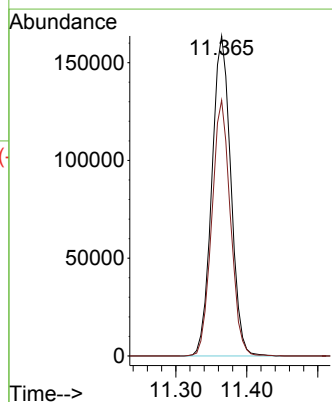
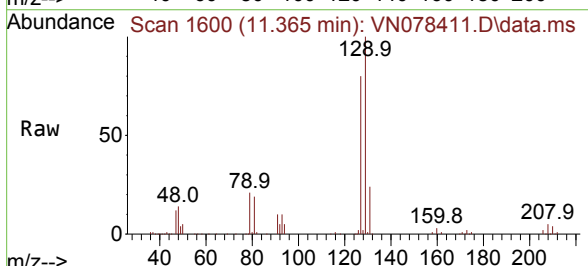
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

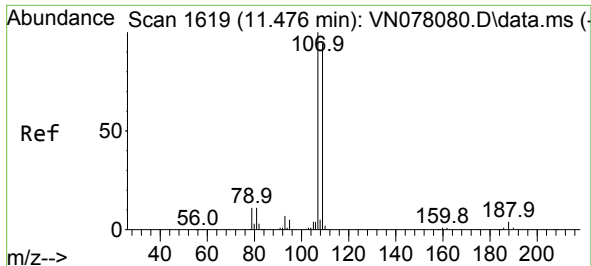
Tgt Ion: 43 Resp: 1063450
Ion Ratio Lower Upper
43 100
58 57.0 31.7 95.1



#60
Dibromochloromethane
Concen: 57.053 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 129 Resp: 303373
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

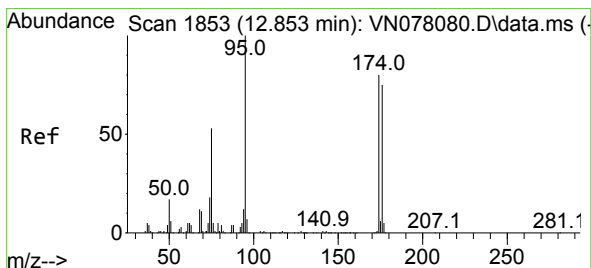
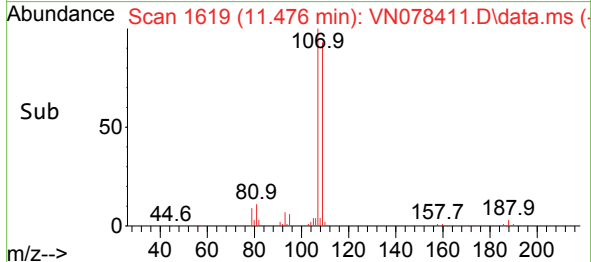
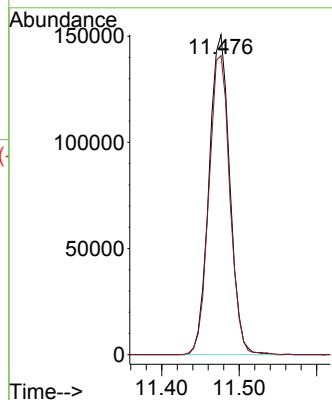
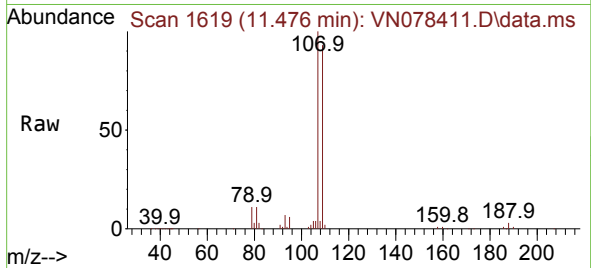




#61
1,2-Dibromoethane
Concen: 54.841 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

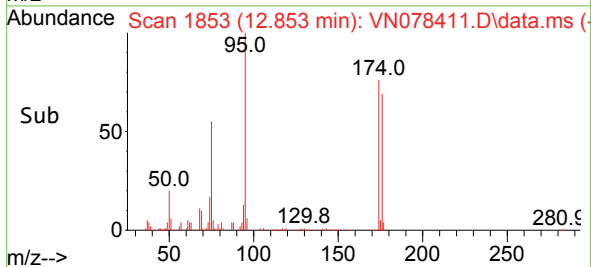
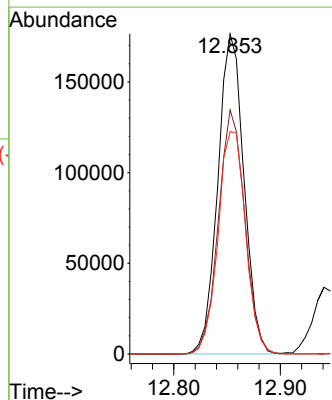
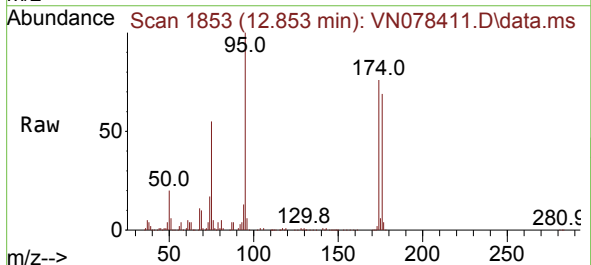
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

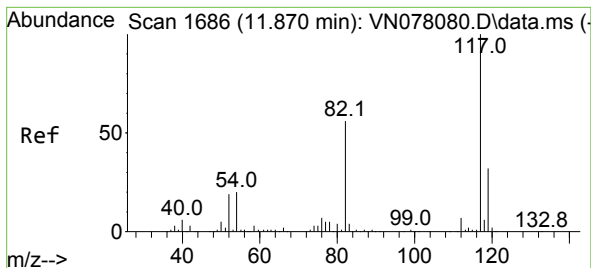
Tgt Ion:107 Resp: 279667
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.679 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 95 Resp: 299958
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 73.3 0.0 135.8

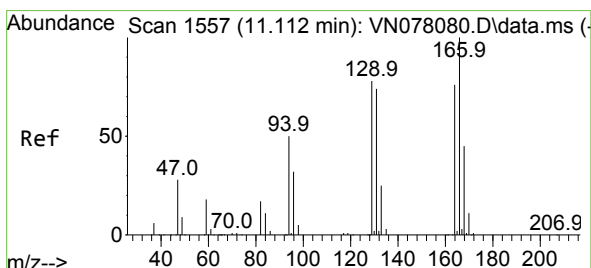
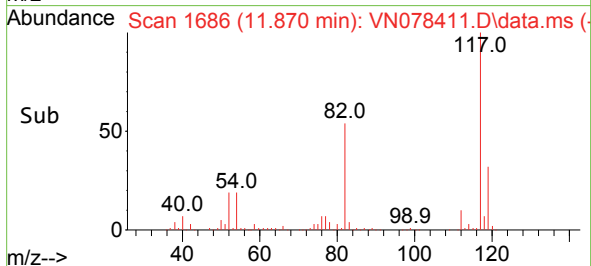
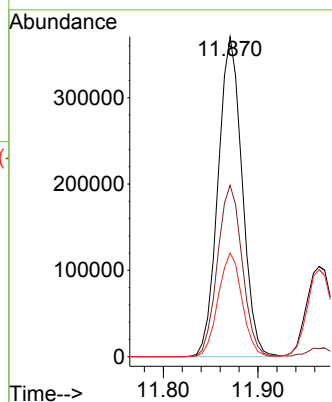
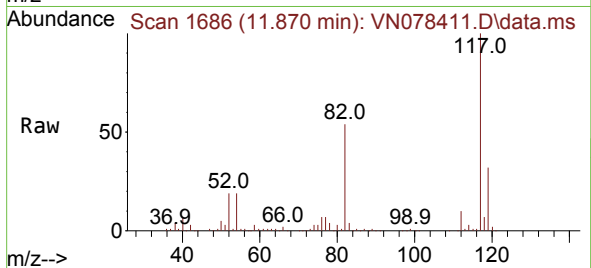




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

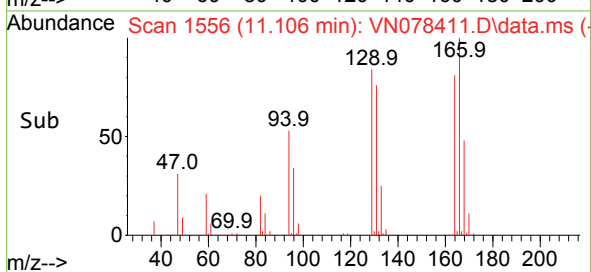
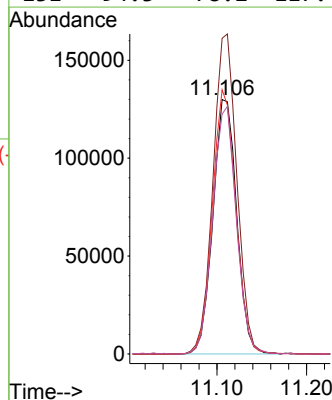
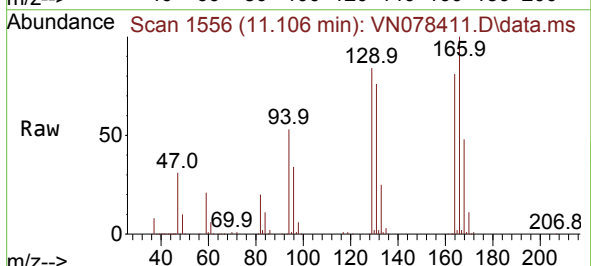
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

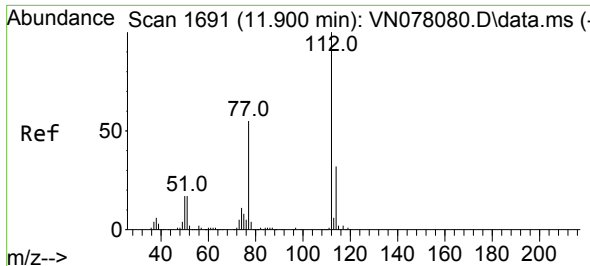
Tgt Ion:117 Resp: 653523
Ion Ratio Lower Upper
117 100
82 53.6 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 54.643 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion:164 Resp: 238238
Ion Ratio Lower Upper
164 100
166 124.1 101.4 152.0
129 103.8 82.4 123.6
131 94.3 78.2 117.4

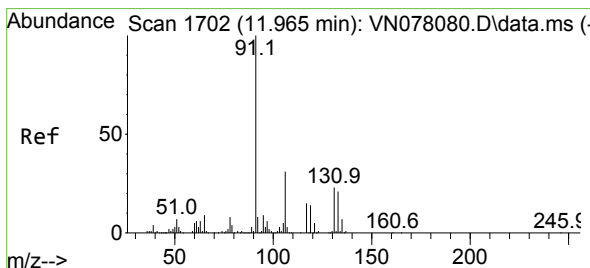
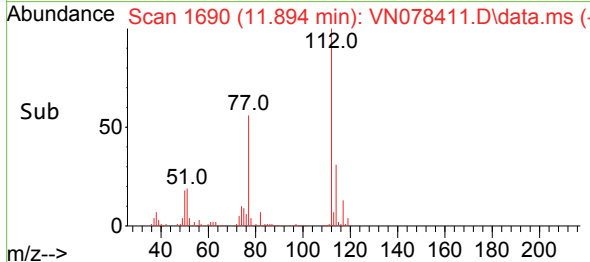
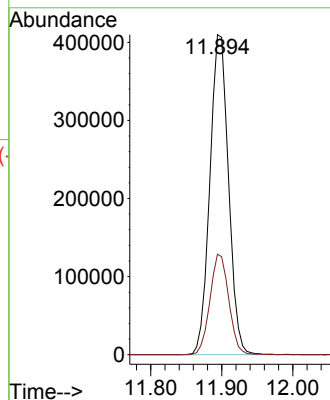
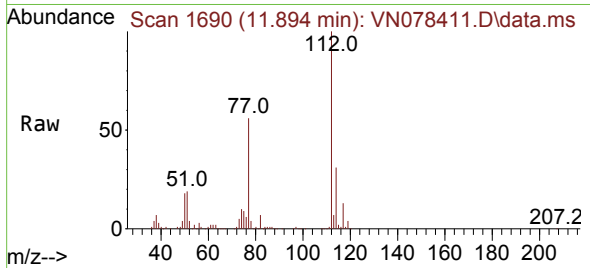




#65
Chlorobenzene
Concen: 53.338 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

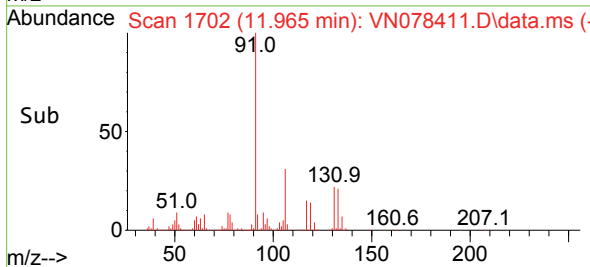
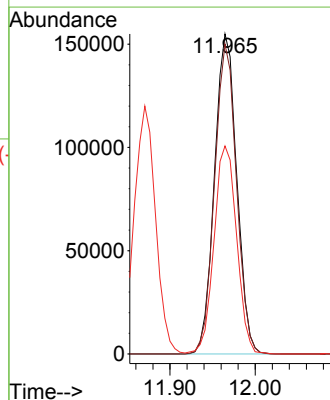
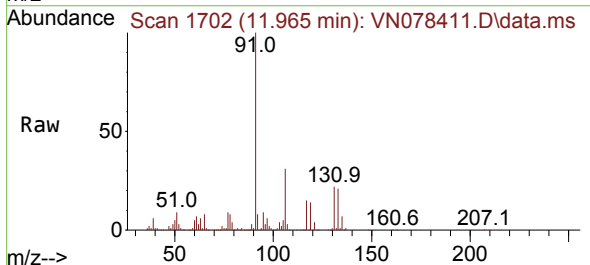
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

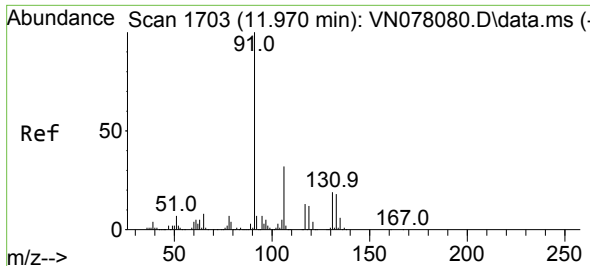
Tgt Ion:112 Resp: 746502
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.660 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion:131 Resp: 281364
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 66.0 34.1 102.2

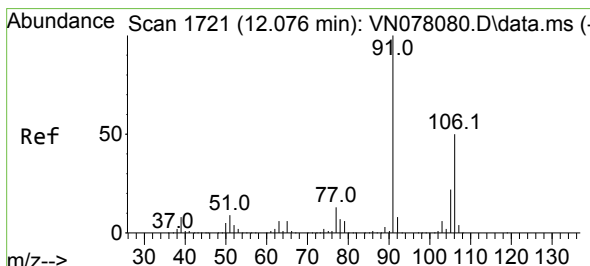
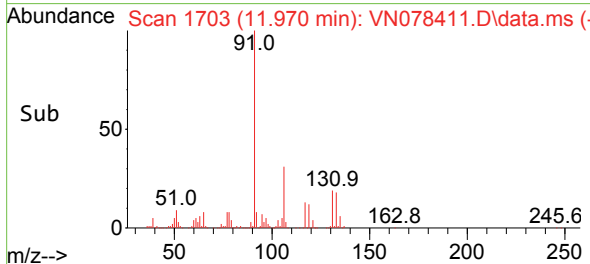
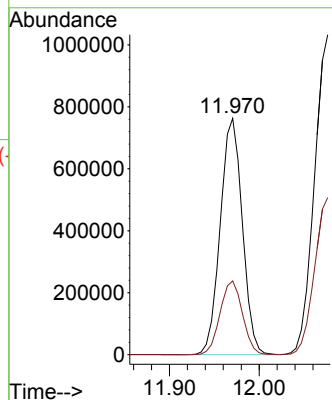
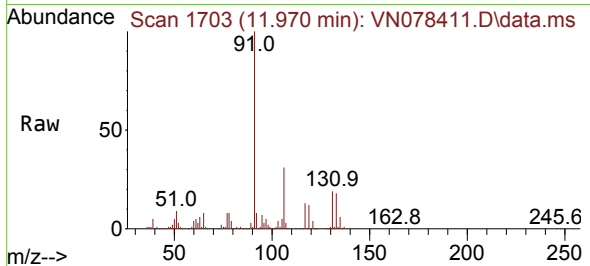




#67
Ethyl Benzene
Concen: 53.914 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

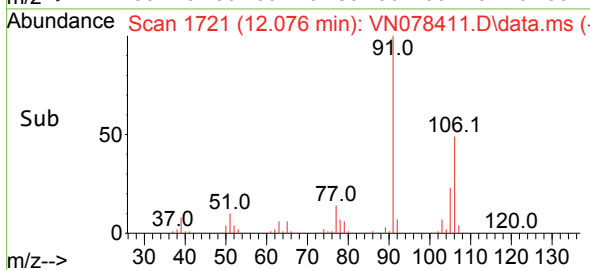
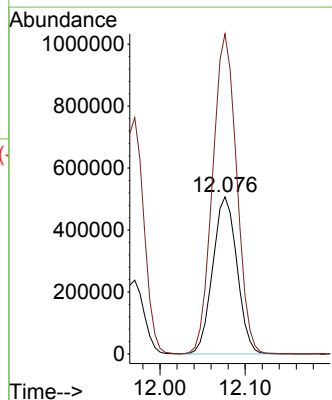
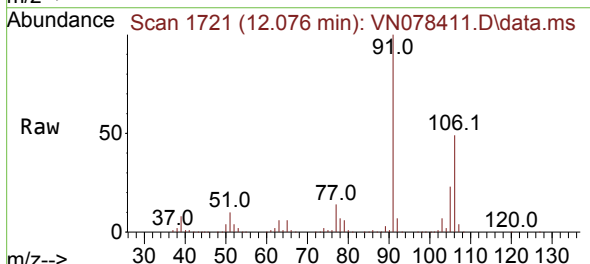
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

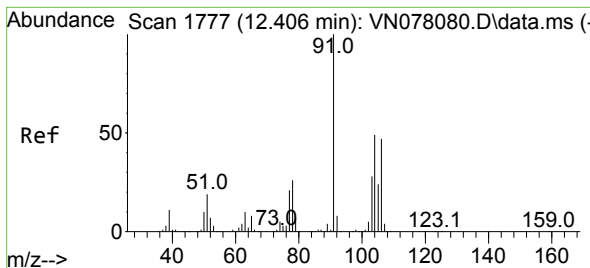
Tgt Ion: 91 Resp: 1301972
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 108.879 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion:106 Resp: 1002044
Ion Ratio Lower Upper
106 100
91 202.4 159.6 239.4





#69

o-Xylene

Concen: 53.278 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

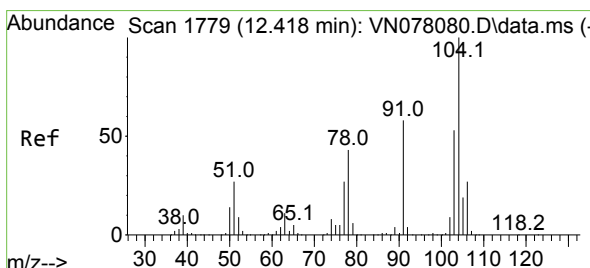
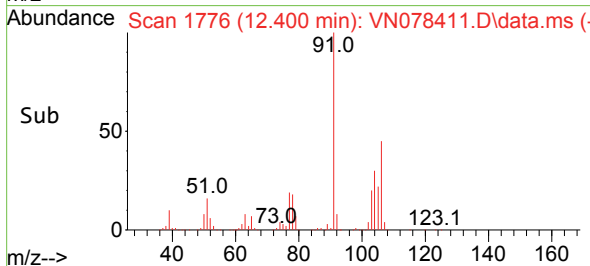
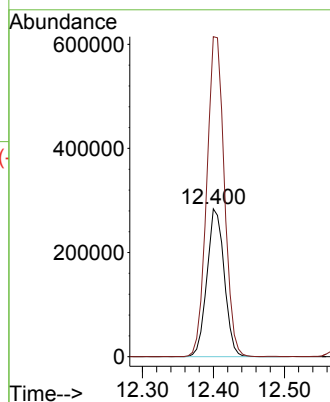
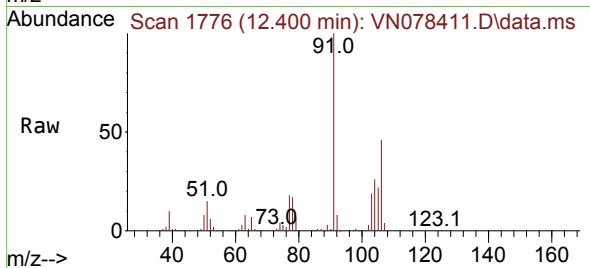
VSTDCCC050

Tgt Ion:106 Resp: 481515

Ion Ratio Lower Upper

106 100

91 219.4 105.2 315.5



#70

Styrene

Concen: 56.259 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

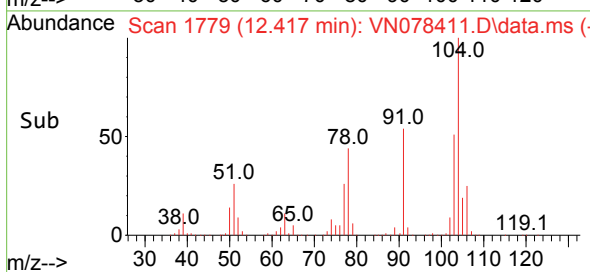
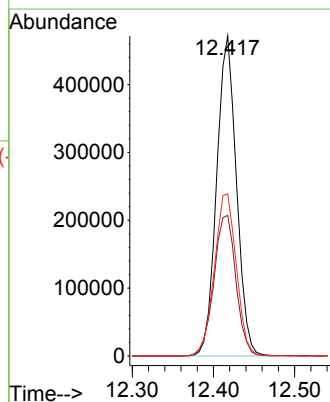
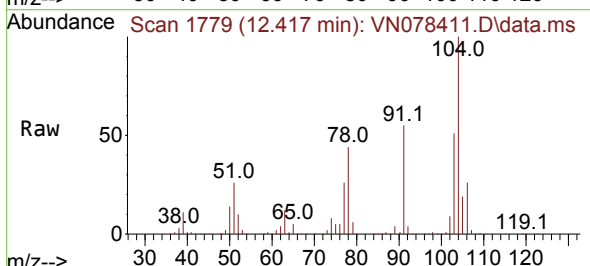
Tgt Ion:104 Resp: 800461

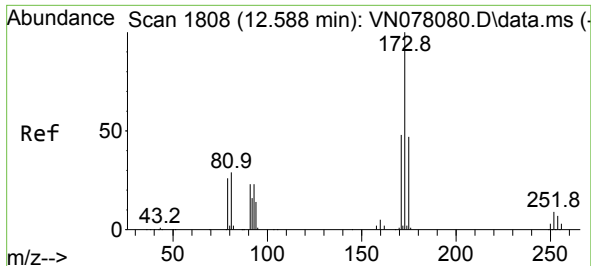
Ion Ratio Lower Upper

104 100

78 49.0 39.5 59.3

103 56.1 43.2 64.8

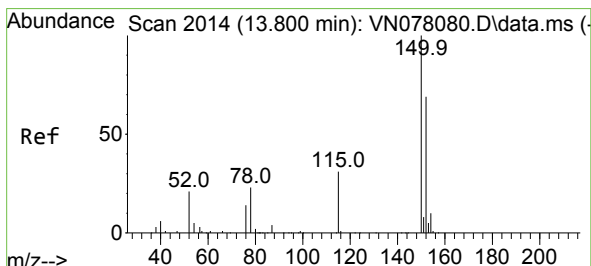
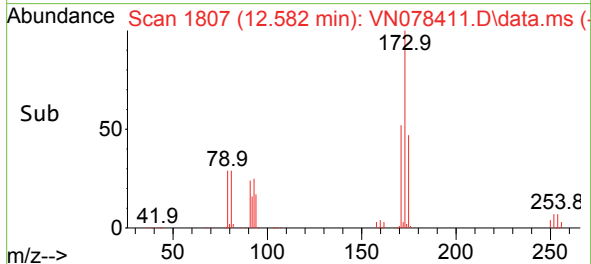
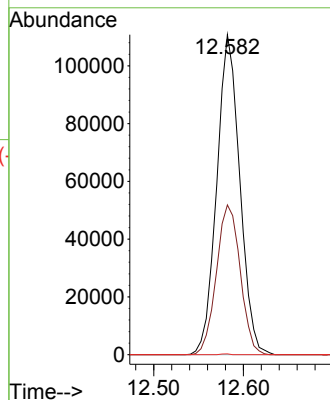
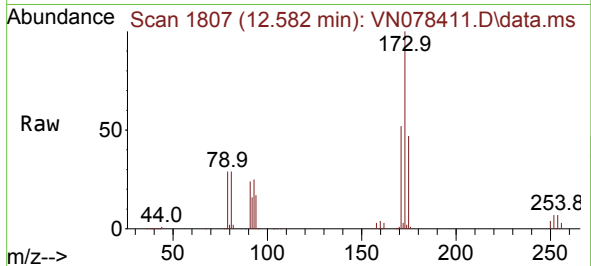




#71
Bromoform
Concen: 59.418 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

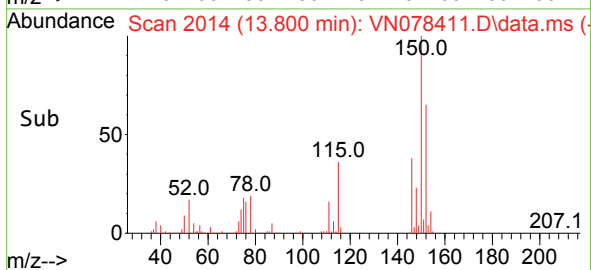
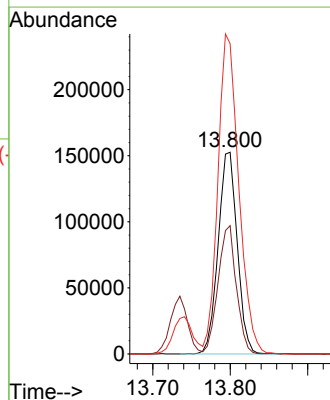
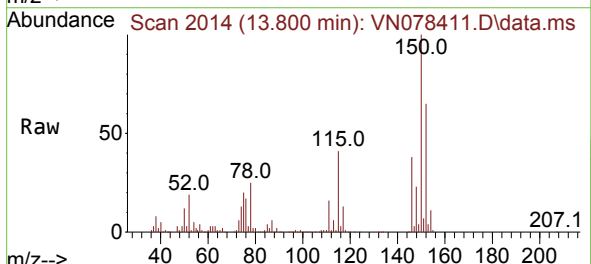
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

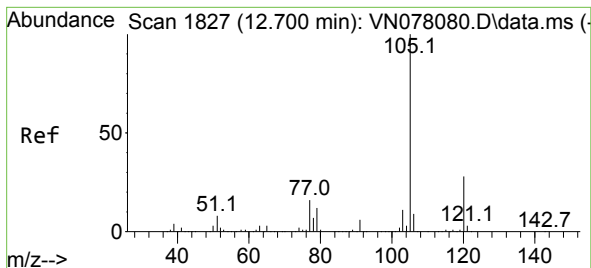
Tgt Ion:173 Resp: 197384
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion:152 Resp: 260829
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 173.5 0.0 355.8





#73

Isopropylbenzene

Concen: 48.513 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

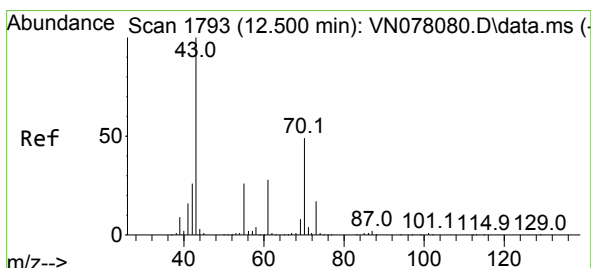
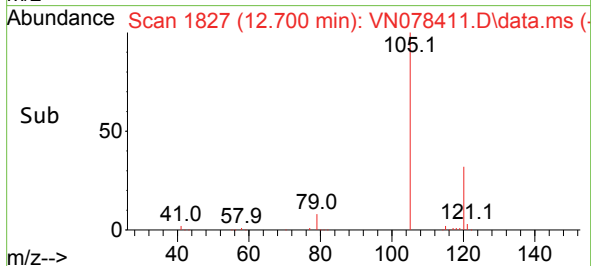
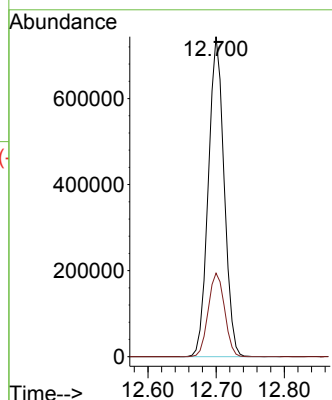
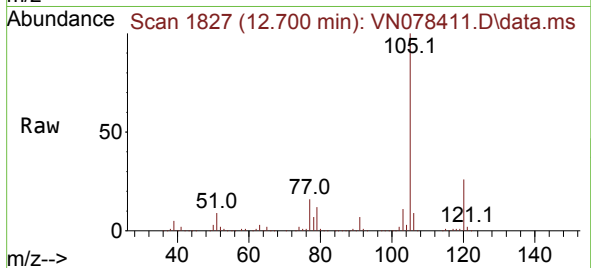
VSTDCCC050

Tgt Ion:105 Resp: 1196565

Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.1



#74

N-ethyl acetate

Concen: 50.977 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Tgt Ion: 43 Resp: 414046

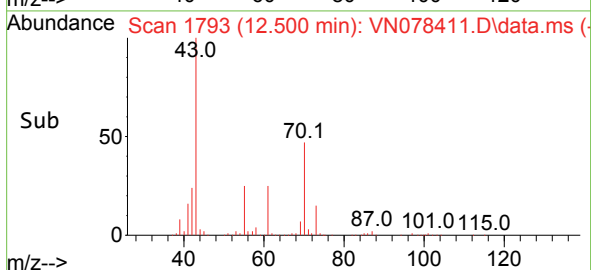
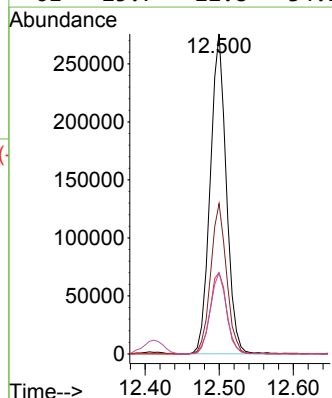
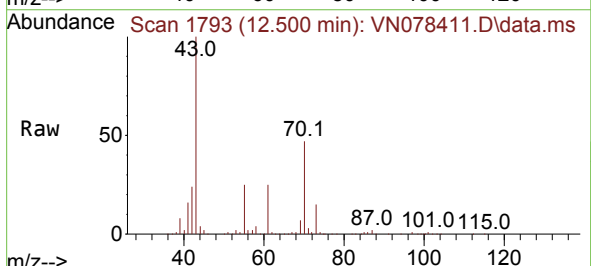
Ion Ratio Lower Upper

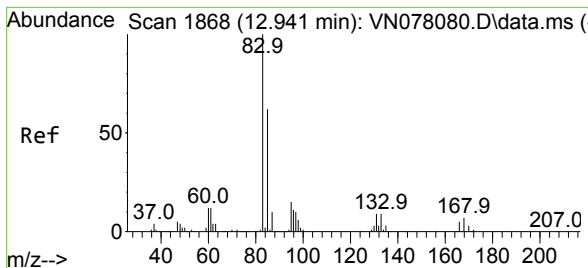
43 100

70 46.6 43.4 65.2

55 26.7 21.4 32.0

61 25.7 22.8 34.2

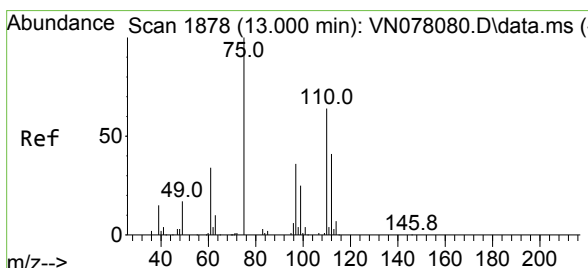
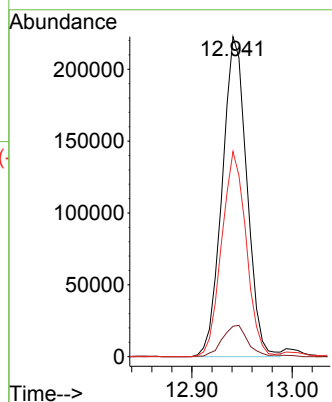
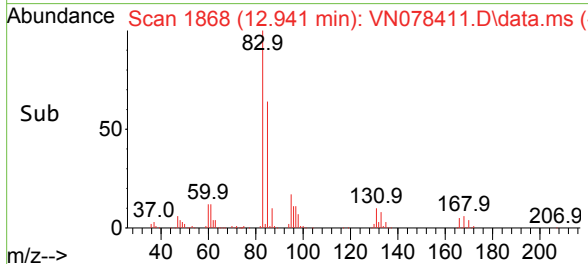
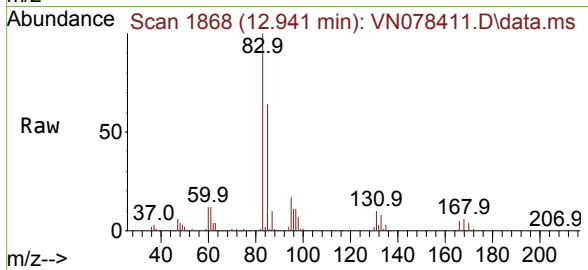




#75
1,1,2,2-Tetrachloroethane
Concen: 56.449 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

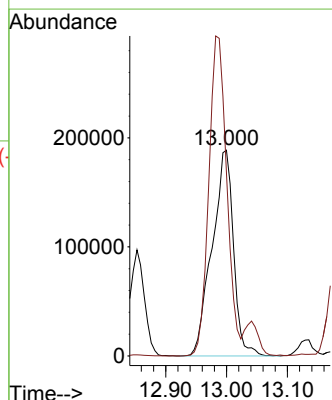
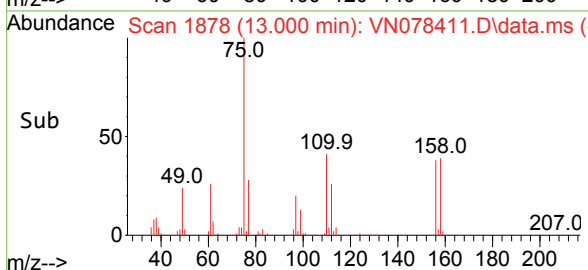
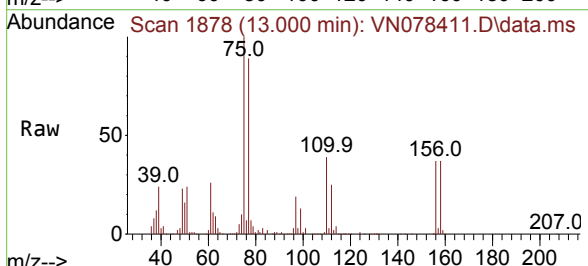
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

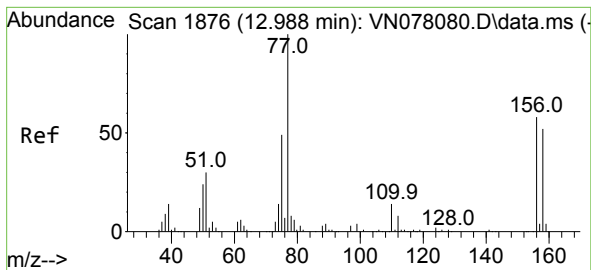
Tgt Ion: 83 Resp: 380802
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 74.822 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 75 Resp: 461362
Ion Ratio Lower Upper
75 100
77 130.2 84.5 253.5





#77

Bromobenzene

Concen: 50.259 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

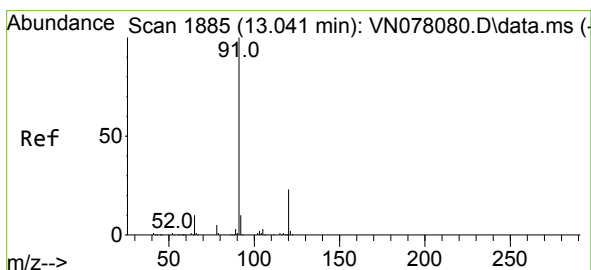
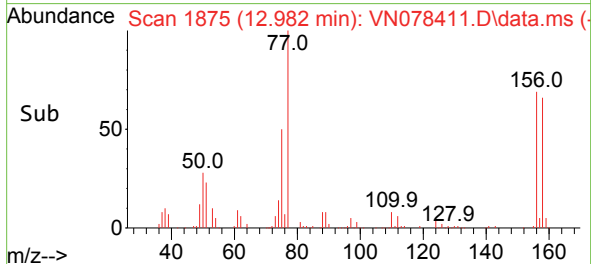
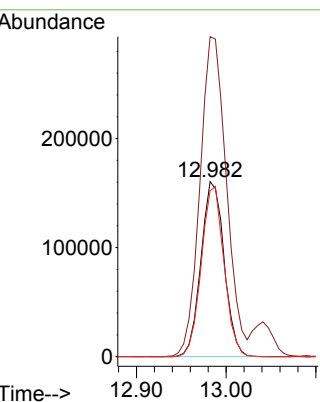
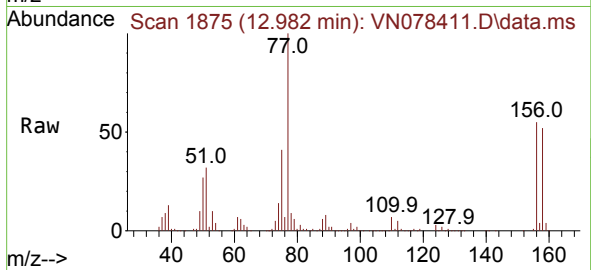
Tgt Ion:156 Resp: 287766

Ion Ratio Lower Upper

156 100

77 208.8 107.7 323.3

158 95.0 48.4 145.3



#78

n-propylbenzene

Concen: 49.934 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078411.D

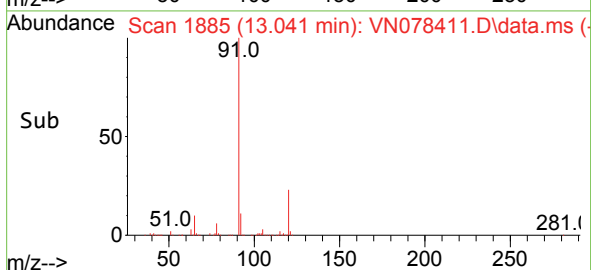
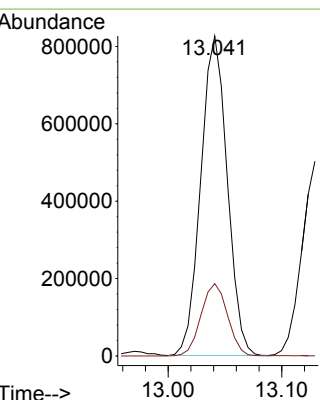
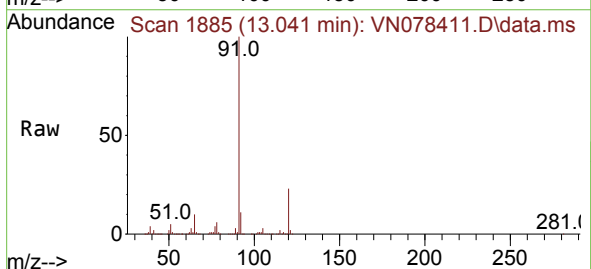
Acq: 27 Jun 2023 11:26

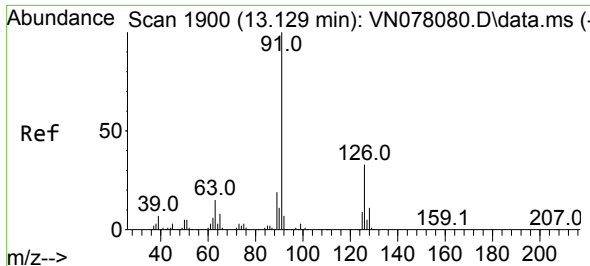
Tgt Ion: 91 Resp: 1338112

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

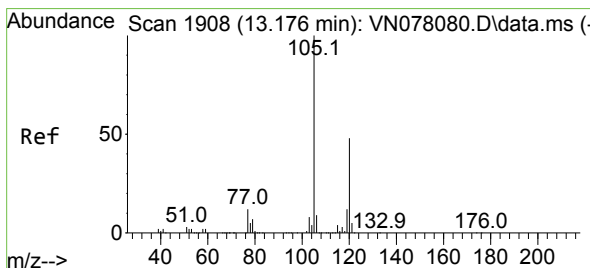
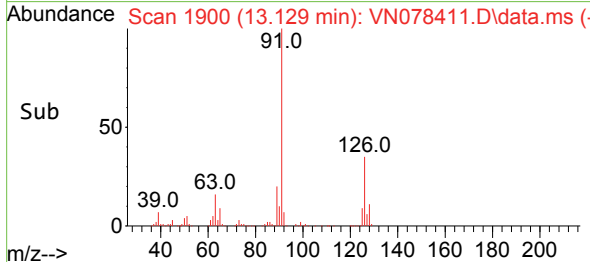
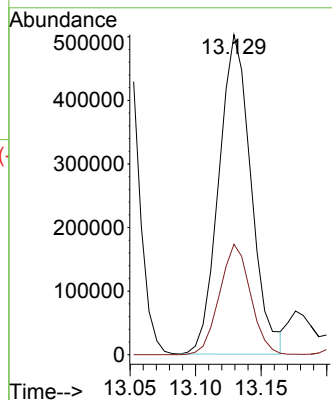
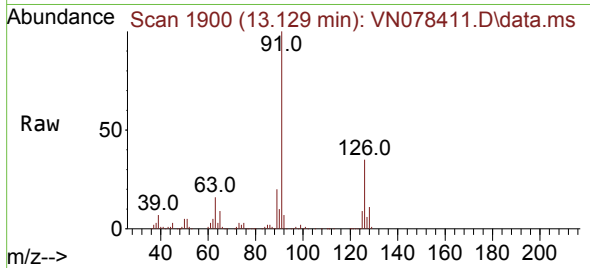




#79
2-Chlorotoluene
Concen: 49.710 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

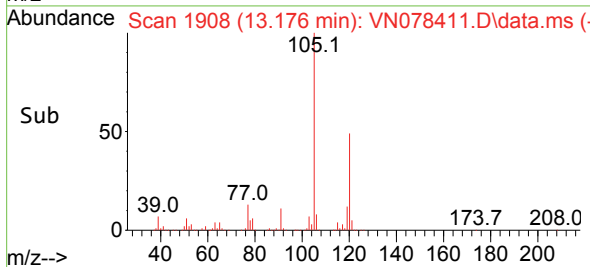
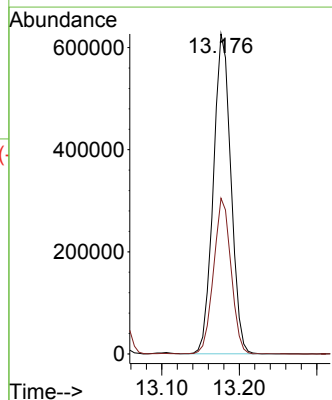
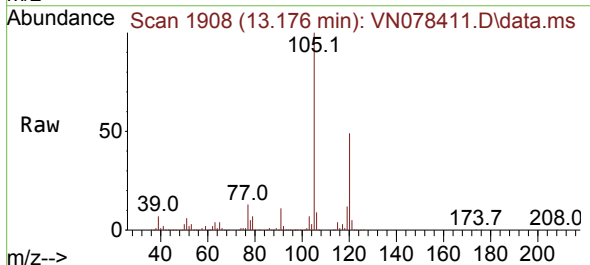
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

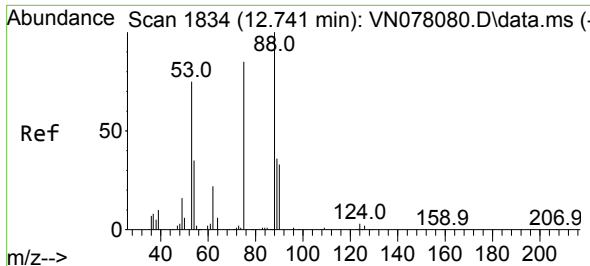
Tgt Ion: 91 Resp: 859874
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 49.441 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 105 Resp: 987284
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3

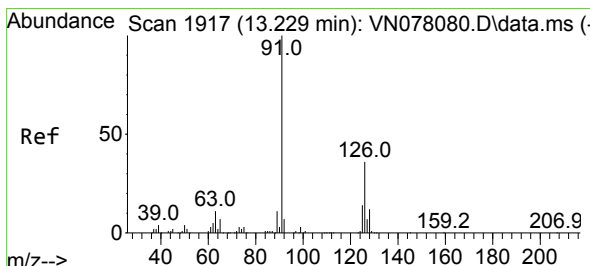
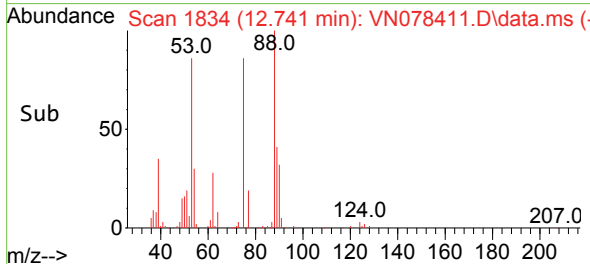
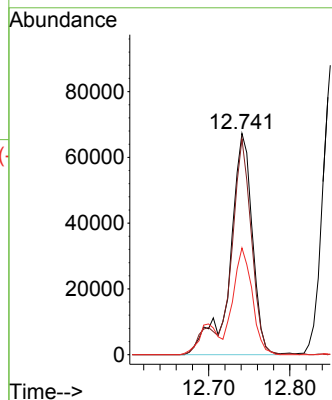
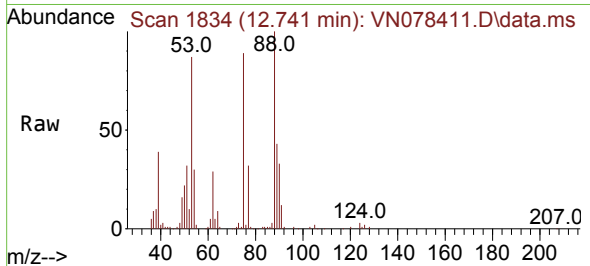




#81
trans-1,4-Dichloro-2-butene
Concen: 63.946 ug/l
RT: 12.741 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

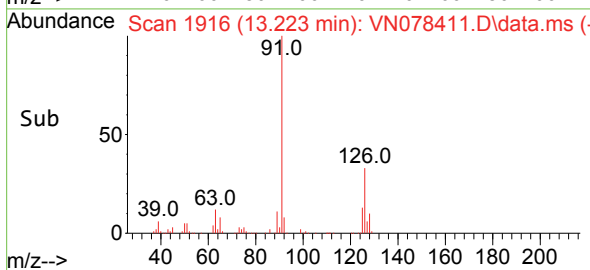
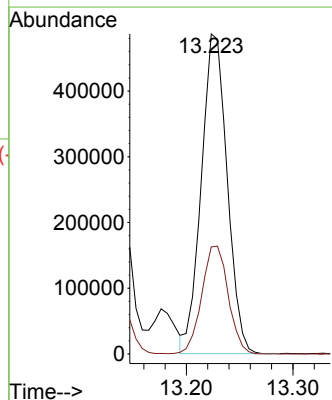
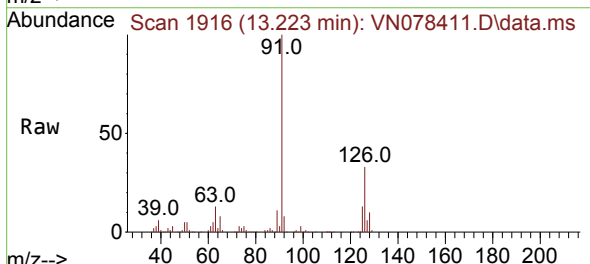
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

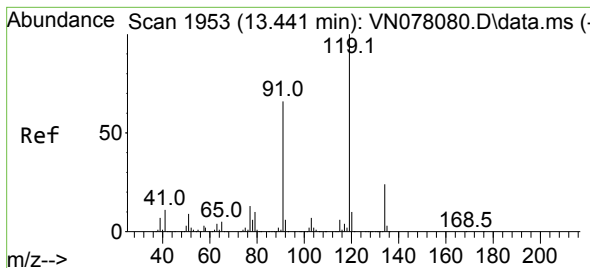
Tgt Ion: 75 Resp: 128339
Ion Ratio Lower Upper
75 100
53 81.4 67.4 101.2
89 40.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 50.799 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078411.D
Acq: 27 Jun 2023 11:26

Tgt Ion: 91 Resp: 820101
Ion Ratio Lower Upper
91 100
126 34.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 46.031 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

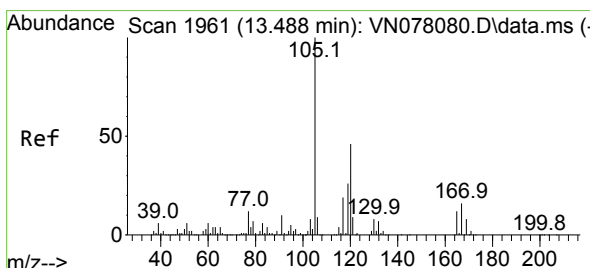
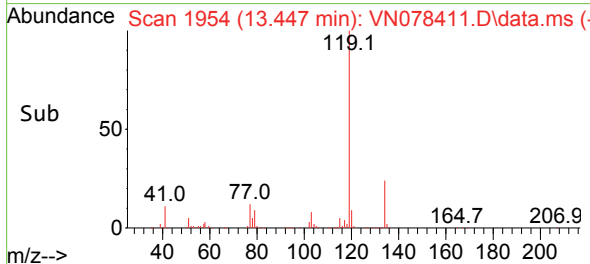
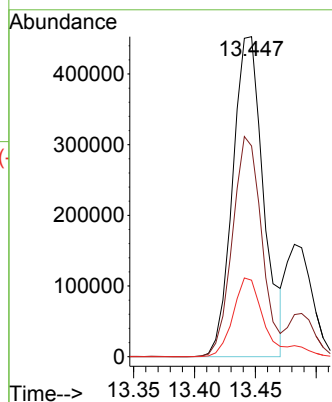
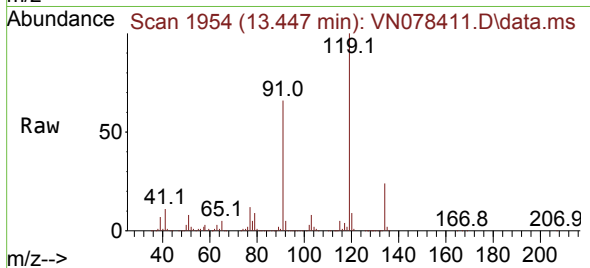
Tgt Ion:119 Resp: 799021

Ion Ratio Lower Upper

119 100

91 65.4 33.9 101.7

134 25.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 50.415 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078411.D

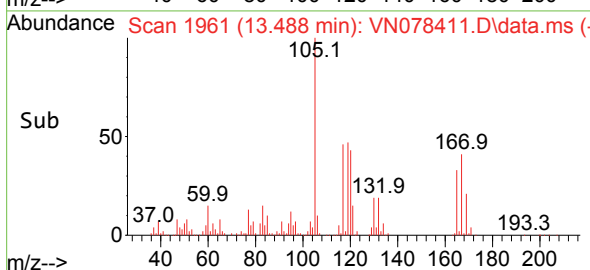
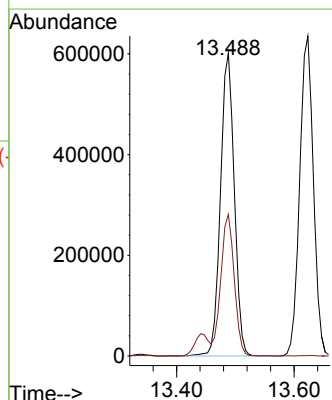
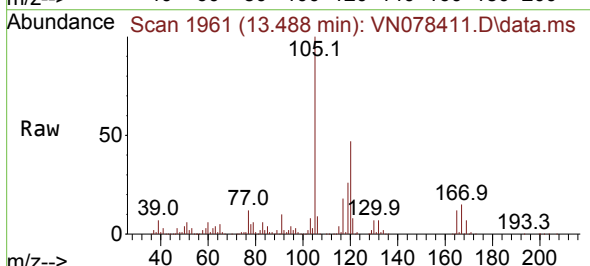
Acq: 27 Jun 2023 11:26

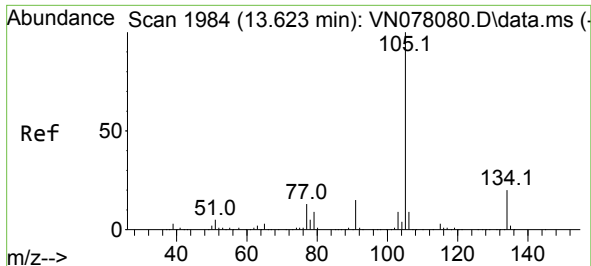
Tgt Ion:105 Resp: 976052

Ion Ratio Lower Upper

105 100

120 45.6 22.0 66.0

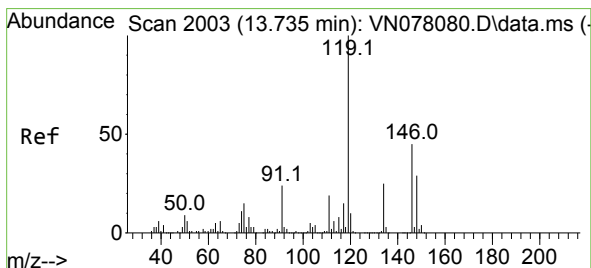
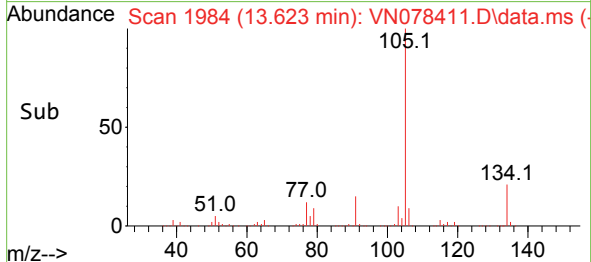
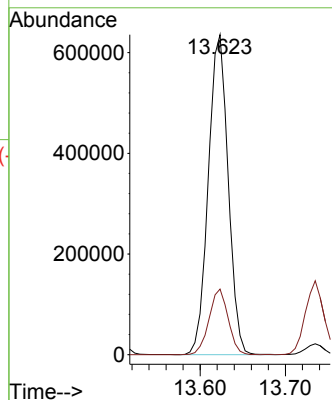
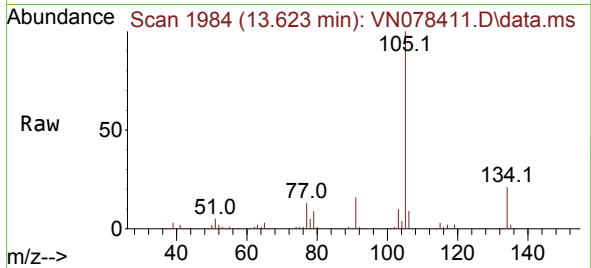




#85
 sec-Butylbenzene
 Concen: 45.200 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

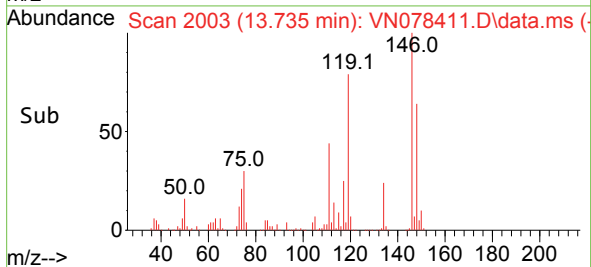
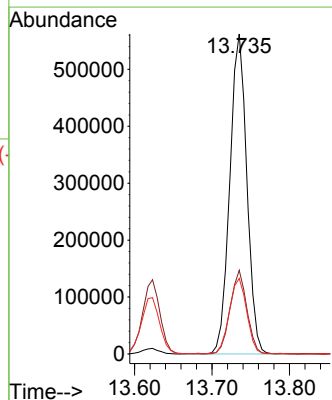
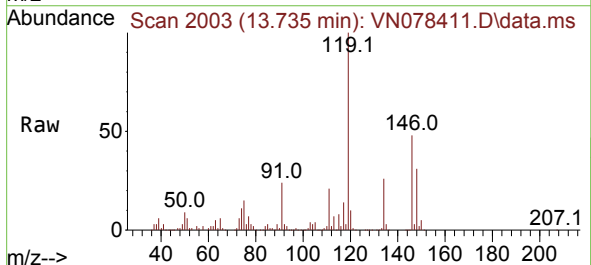
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

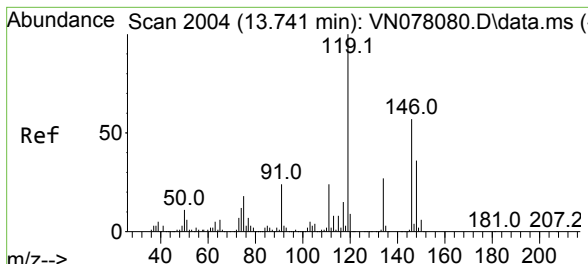
Tgt Ion:105 Resp: 1026920
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 46.725 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

Tgt Ion:119 Resp: 861469
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 23.9 12.4 37.2

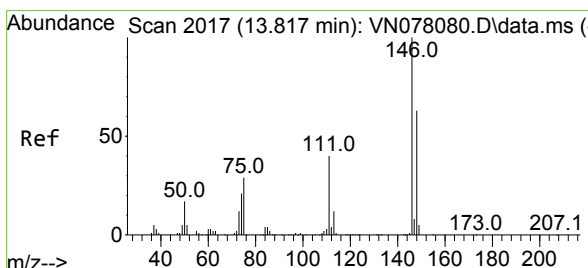
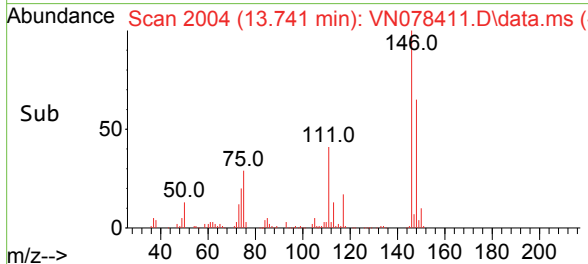
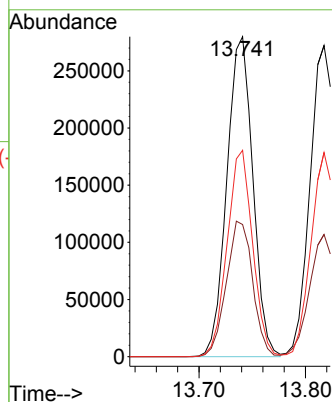
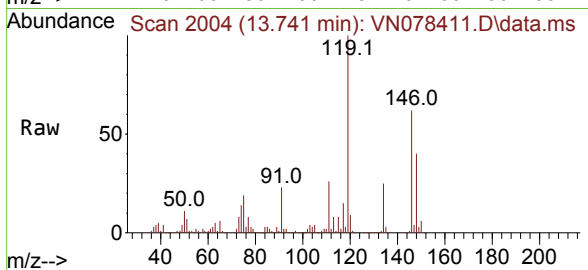




#87
 1,3-Dichlorobenzene
 Concen: 49.075 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

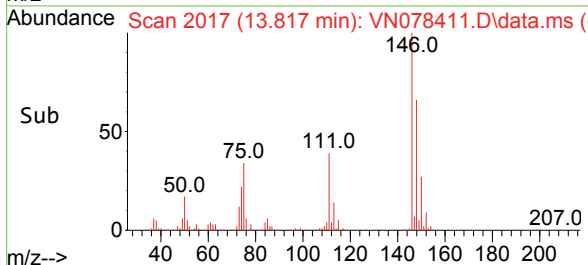
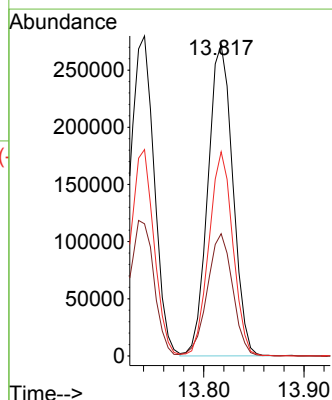
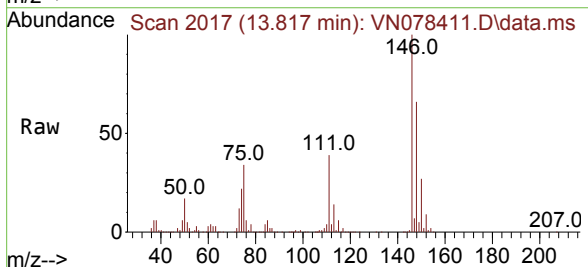
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

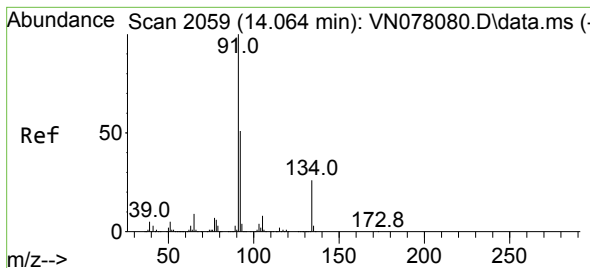
Tgt Ion:146 Resp: 475290
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.1 66.3
 148 63.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.258 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078411.D
 Acq: 27 Jun 2023 11:26

Tgt Ion:146 Resp: 469677
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.6 61.8
 148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 46.130 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

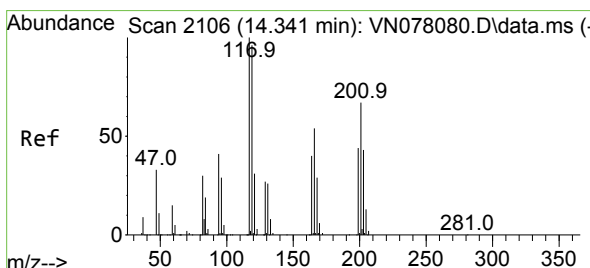
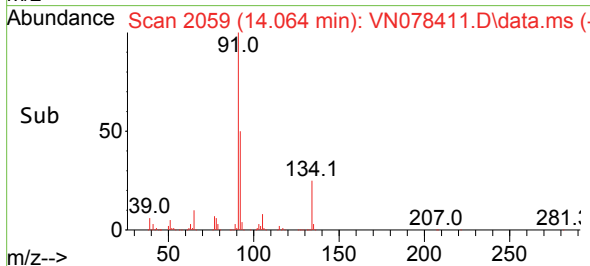
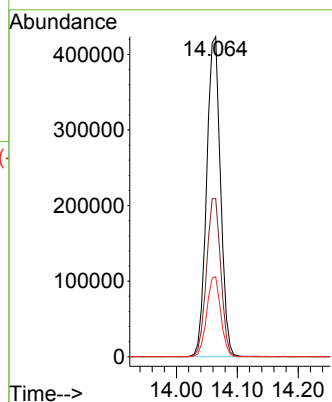
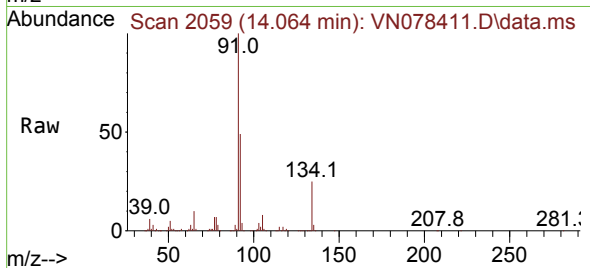
Tgt Ion: 91 Resp: 670840

Ion Ratio Lower Upper

91 100

92 50.8 26.4 79.0

134 25.2 12.6 37.6



#90

Hexachloroethane

Concen: 48.487 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN078411.D

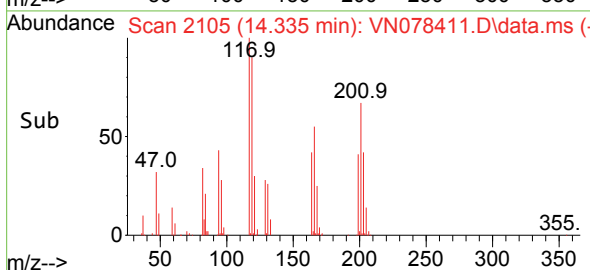
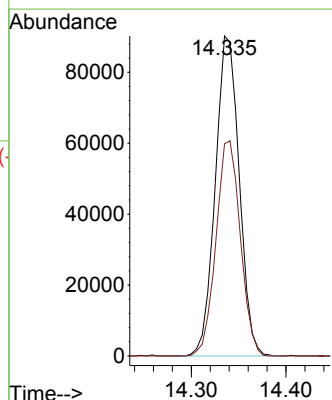
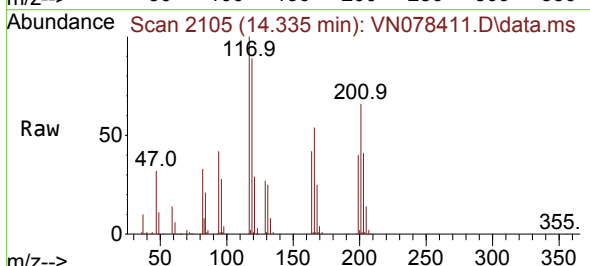
Acq: 27 Jun 2023 11:26

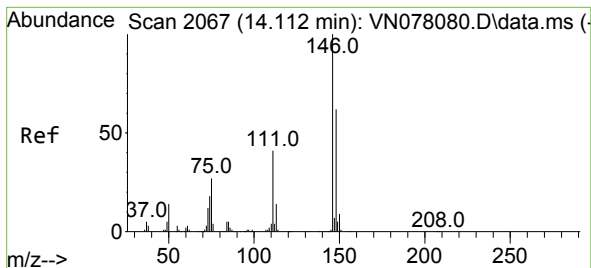
Tgt Ion: 117 Resp: 158646

Ion Ratio Lower Upper

117 100

201 68.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 50.236 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

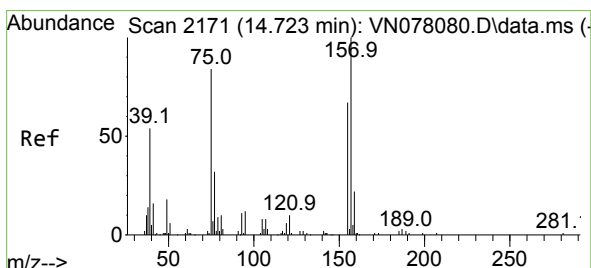
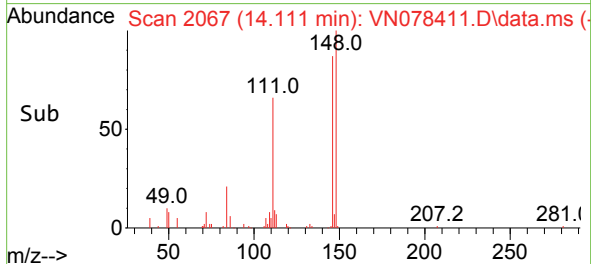
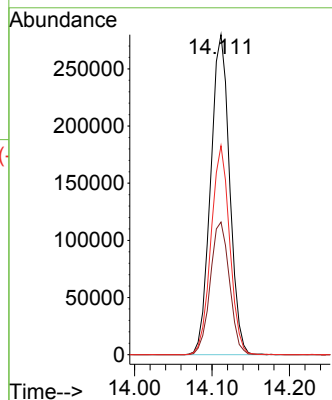
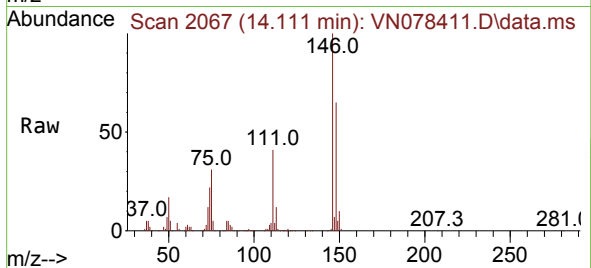
Tgt Ion:146 Resp: 475504

Ion Ratio Lower Upper

146 100

111 42.0 22.0 66.0

148 64.3 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.787 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

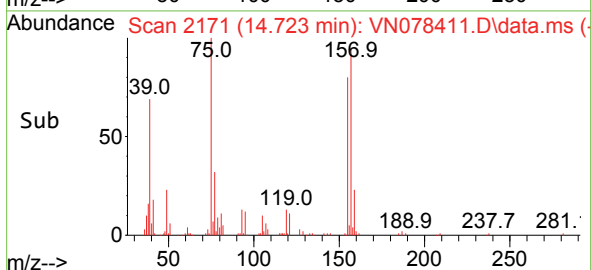
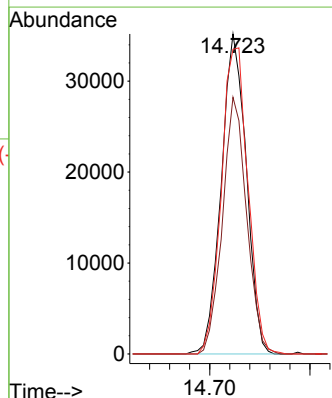
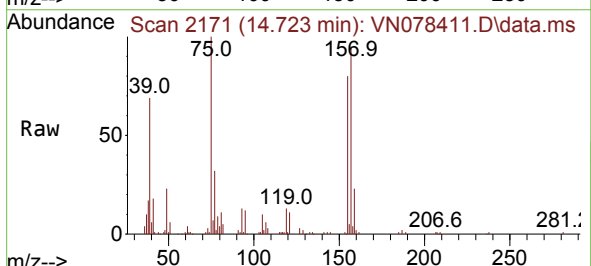
Tgt Ion: 75 Resp: 60825

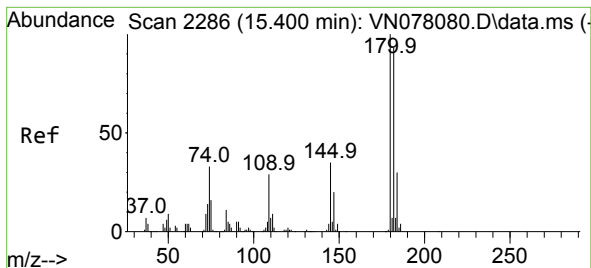
Ion Ratio Lower Upper

75 100

155 77.6 39.1 117.2

157 101.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 45.194 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

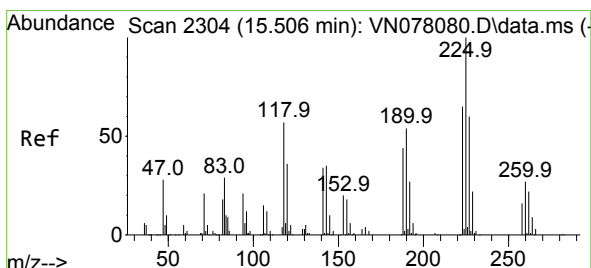
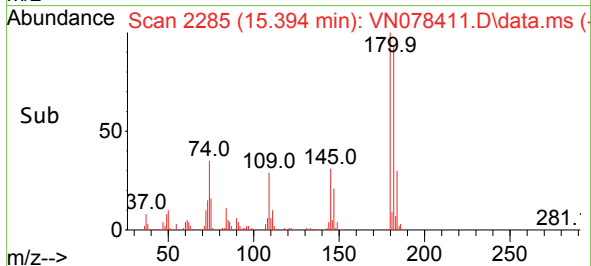
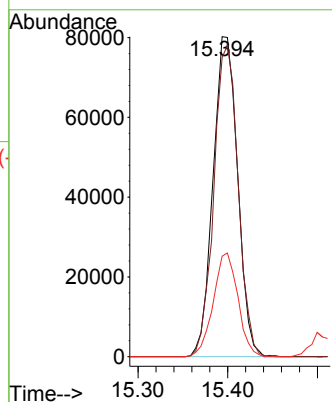
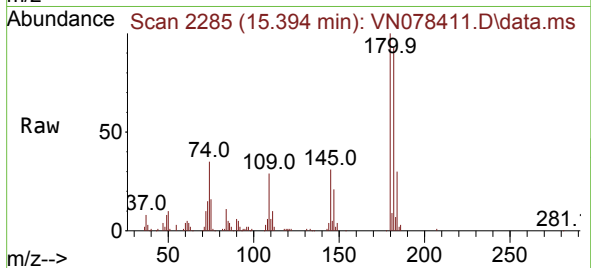
Tgt Ion:180 Resp: 152414

Ion Ratio Lower Upper

180 100

182 96.1 46.1 138.2

145 32.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 50.024 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

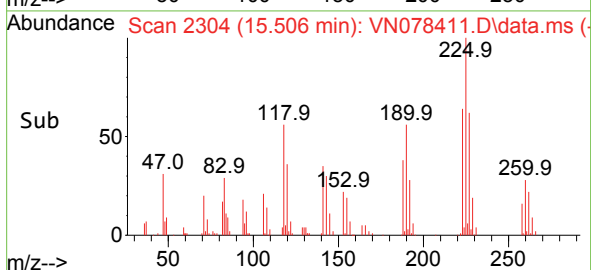
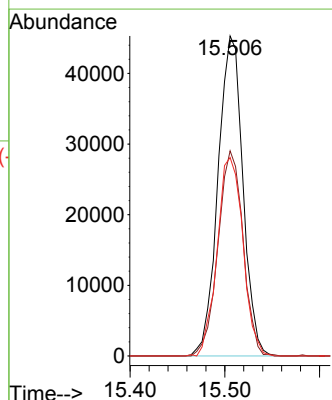
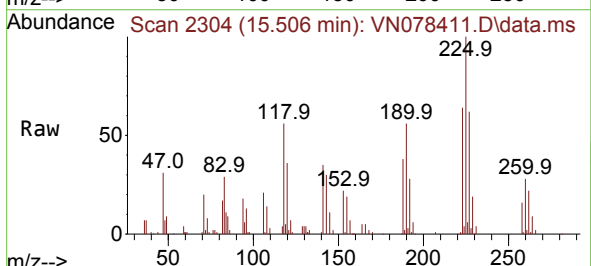
Tgt Ion:225 Resp: 82692

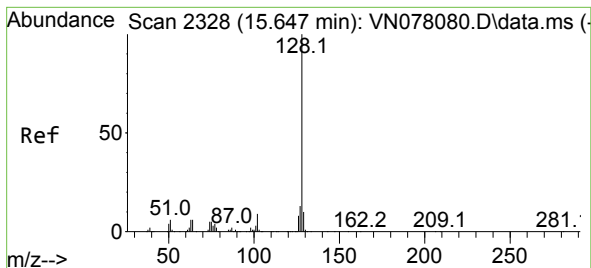
Ion Ratio Lower Upper

225 100

223 64.4 31.3 93.8

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 44.276 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

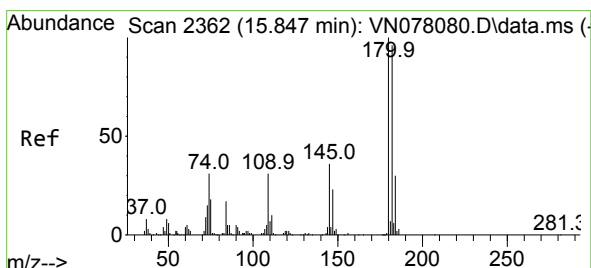
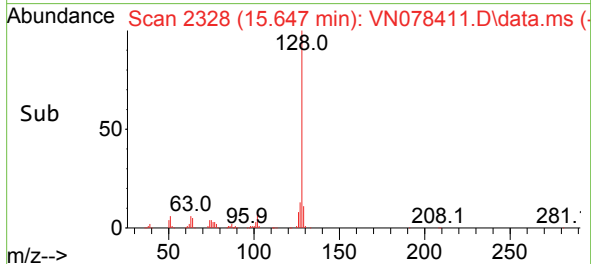
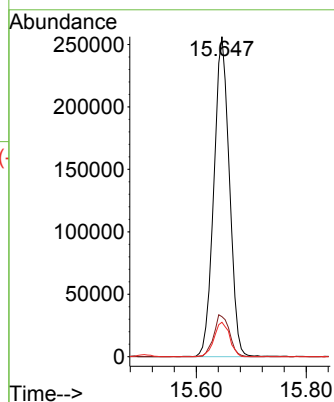
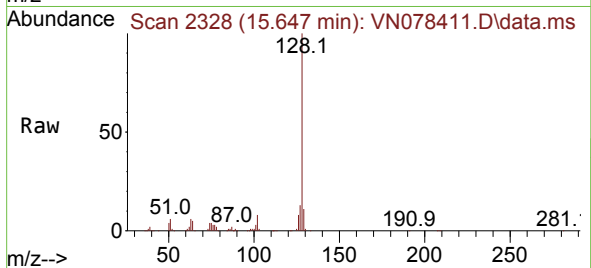
Tgt Ion:128 Resp: 502276

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.986 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078411.D

Acq: 27 Jun 2023 11:26

Tgt Ion:180 Resp: 169678

Ion Ratio Lower Upper

180 100

182 96.3 46.2 138.6

145 34.0 17.5 52.6

