

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
 Data File : VN078007.D
 Acq On : 01 Jun 2023 12:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 02 01:49:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	356928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	624053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	557501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	237347	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	229563	42.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.960%
35) Dibromofluoromethane	8.177	113	195000	47.919	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.840%
50) Toluene-d8	10.576	98	718171	45.850	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.700%
62) 4-Bromofluorobenzene	12.853	95	244212	44.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	178294	43.892	ug/l	96
3) Chloromethane	2.371	50	196786	45.531	ug/l	97
4) Vinyl Chloride	2.524	62	251342	49.077	ug/l	98
5) Bromomethane	2.953	94	193305	51.034	ug/l	99
6) Chloroethane	3.124	64	187977	50.930	ug/l	94
7) Trichlorofluoromethane	3.506	101	368629	51.648	ug/l	99
8) Diethyl Ether	3.971	74	140984	54.108	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	213079	53.946	ug/l	98
10) Methyl Iodide	4.594	142	281357	59.729	ug/l	97
11) Tert butyl alcohol	5.535	59	181151	245.779	ug/l	99
12) 1,1-Dichloroethene	4.353	96	197935	52.725	ug/l	88
13) Acrolein	4.194	56	129929	287.692	ug/l	96
14) Allyl chloride	5.030	41	266969	48.409	ug/l	94
15) Acrylonitrile	5.730	53	502203	255.040	ug/l	99
16) Acetone	4.436	43	441831	262.962	ug/l	92
17) Carbon Disulfide	4.718	76	469934	46.458	ug/l	98
18) Methyl Acetate	5.036	43	365592	51.866	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	744099	54.760	ug/l	99
20) Methylene Chloride	5.283	84	250597	57.603	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	227756	54.010	ug/l	84
22) Diisopropyl ether	6.682	45	697420	53.952	ug/l	94
23) Vinyl Acetate	6.612	43	2086098	260.467	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	431923	54.540	ug/l	97
25) 2-Butanone	7.488	43	648543	246.749	ug/l	88
26) 2,2-Dichloropropane	7.500	77	373419	55.501	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	277506	54.883	ug/l	92
28) Bromochloromethane	7.818	49	166125	48.504	ug/l	90
29) Tetrahydrofuran	7.841	42	411107	238.873	ug/l	86
30) Chloroform	7.971	83	466109	53.504	ug/l	98
31) Cyclohexane	8.265	56	349230	48.113	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	409182	55.245	ug/l	96
36) 1,1-Dichloropropene	8.382	75	335865	56.428	ug/l	98
37) Ethyl Acetate	7.571	43	264966	49.945	ug/l	95
38) Carbon Tetrachloride	8.371	117	364067	60.573	ug/l	96
39) Methylcyclohexane	9.606	83	385283	52.873	ug/l	93
40) Benzene	8.612	78	1011490	57.587	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	145284	51.422	ug/l	92
42) 1,2-Dichloroethane	8.676	62	355580	55.730	ug/l	98
43) Isopropyl Acetate	8.694	43	464091	53.557	ug/l	97
44) Trichloroethene	9.359	130	261861	58.879	ug/l	94
45) 1,2-Dichloropropane	9.629	63	268462	59.922	ug/l	97
46) Dibromomethane	9.718	93	190131	59.307	ug/l	98
47) Bromodichloromethane	9.894	83	372082	60.623	ug/l	95
48) Methyl methacrylate	9.688	41	220406	53.647	ug/l	90
49) 1,4-Dioxane	9.700	88	90720	1169.110	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	1388468	269.562	ug/l	93
52) Toluene	10.635	92	651932	59.620	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	399990	61.541	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	429305	59.937	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	258424	59.521	ug/l	99
56) Ethyl methacrylate	10.882	69	376561	57.361	ug/l	92
57) 1,3-Dichloropropane	11.170	76	439668	59.070	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	670293	207.548	ug/l	93
59) 2-Hexanone	11.206	43	967899	254.051	ug/l	93
60) Dibromochloromethane	11.365	129	281871	62.887	ug/l	97
61) 1,2-Dibromoethane	11.476	107	263427	60.818	ug/l	99
64) Tetrachloroethene	11.112	164	245487	62.966	ug/l	98
65) Chlorobenzene	11.900	112	709818	58.731	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.970	131	266124	63.637	ug/l	98
67) Ethyl Benzene	11.970	91	1267127	58.505	ug/l	100
68) m/p-Xylenes	12.076	106	969596	118.147	ug/l	99
69) o-Xylene	12.406	106	478964	59.345	ug/l	98
70) Styrene	12.417	104	762898	59.504	ug/l	97
71) Bromoform	12.588	173	177976	63.976	ug/l #	99
73) Isopropylbenzene	12.700	105	1240519	60.633	ug/l	98
74) N-amyl acetate	12.500	43	378139	50.003	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	349513	55.530	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	425015	71.503	ug/l	75
77) Bromobenzene	12.988	156	271630	58.178	ug/l	98
78) n-propylbenzene	13.041	91	1420982	58.912	ug/l	100
79) 2-Chlorotoluene	13.129	91	854055	59.338	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	1043464	60.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	101423	54.542	ug/l	92
82) 4-Chlorotoluene	13.229	91	816642	57.026	ug/l	99
83) tert-Butylbenzene	13.447	119	887573	59.127	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1027439	60.754	ug/l	99
85) sec-Butylbenzene	13.623	105	1225190	57.429	ug/l	99
86) p-Isopropyltoluene	13.735	119	1021387	60.053	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	492488	57.037	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	465349	54.311	ug/l	99
89) n-Butylbenzene	14.064	91	821017	52.483	ug/l	99
90) Hexachloroethane	14.341	117	176514	63.175	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	483773	59.974	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	57545	47.224	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	200132	42.456	ug/l	98
94) Hexachlorobutadiene	15.505	225	94808	48.441	ug/l	100
95) Naphthalene	15.652	128	607705	37.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	206368	44.714	ug/l	96

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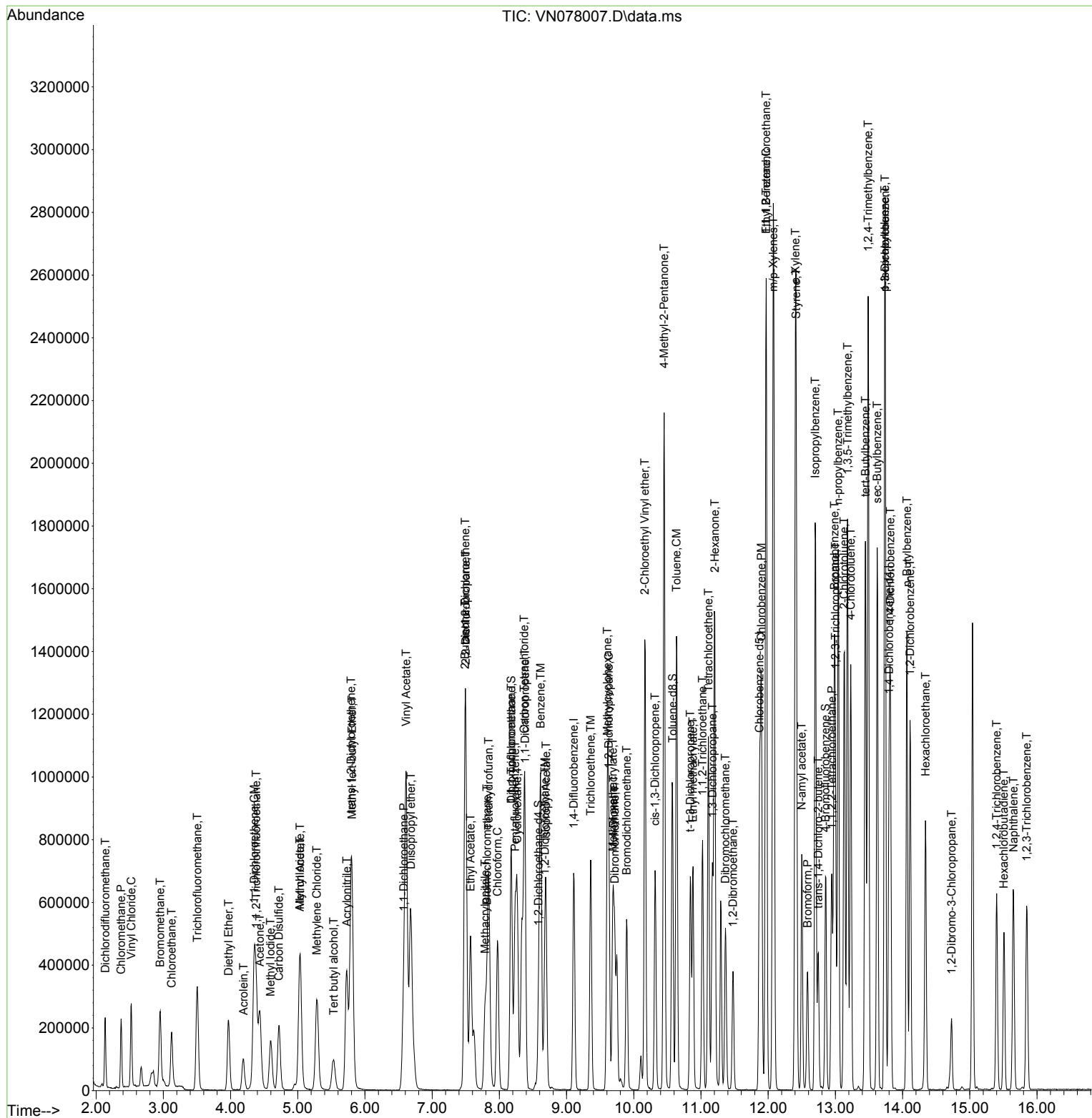
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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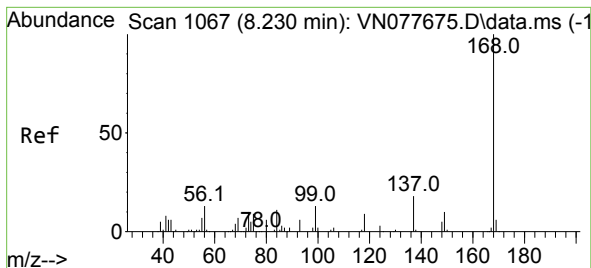
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078007.D

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MSVOA_N

ClientSampleId :

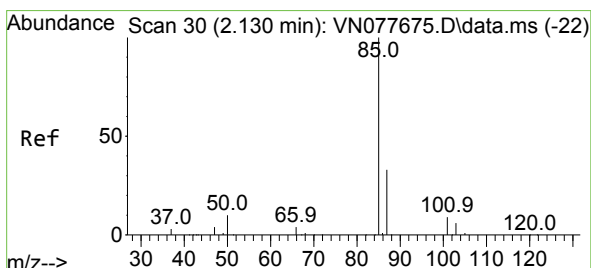
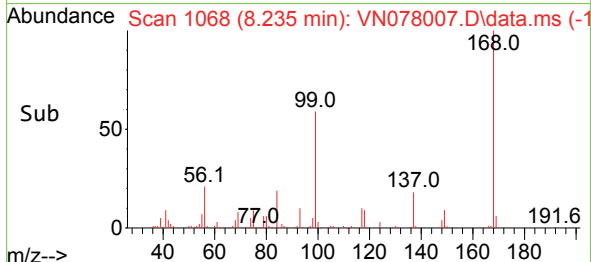
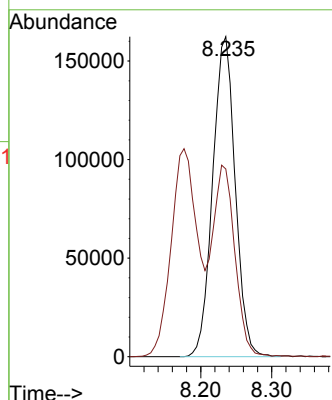
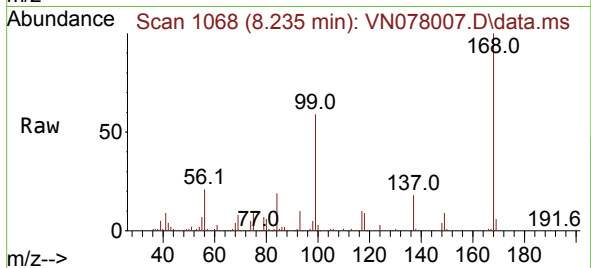
VSTDCCC050

Tgt Ion:168 Resp: 356928

Ion Ratio Lower Upper

168 100

99 58.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 43.892 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN078007.D

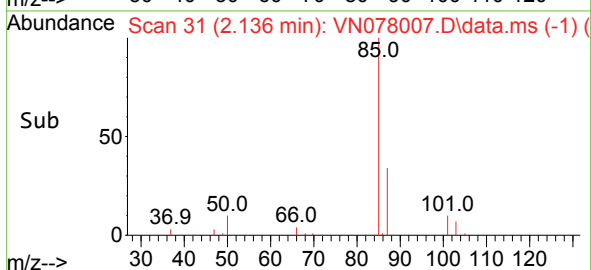
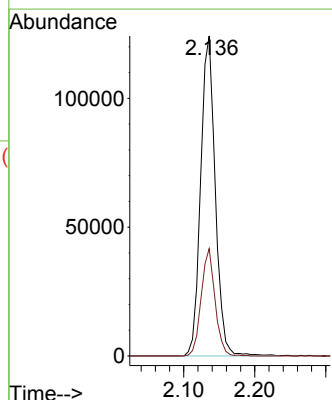
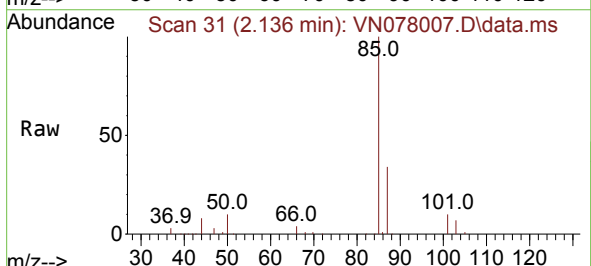
Acq: 01 Jun 2023 12:17

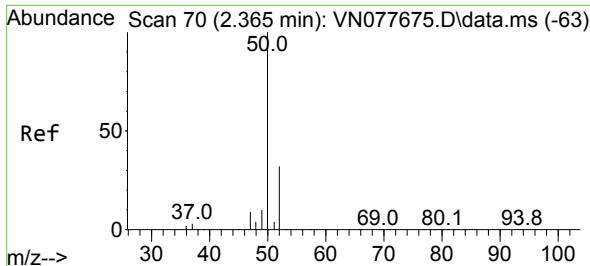
Tgt Ion: 85 Resp: 178294

Ion Ratio Lower Upper

85 100

87 33.6 15.8 47.4

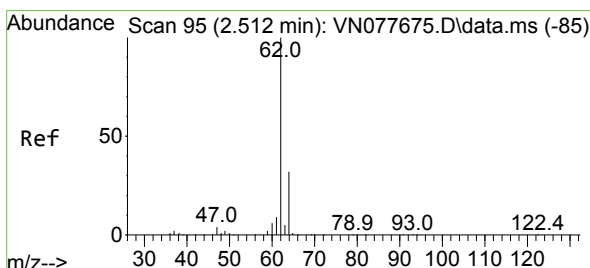
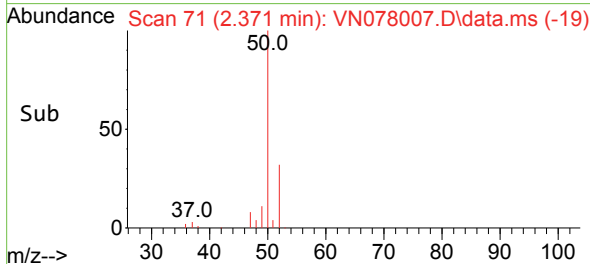
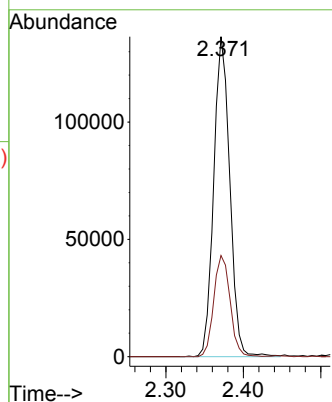
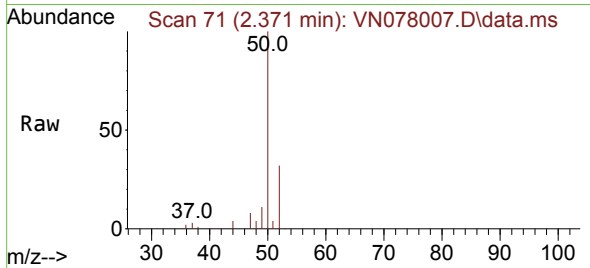




#3
Chloromethane
Concen: 45.531 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078007.D
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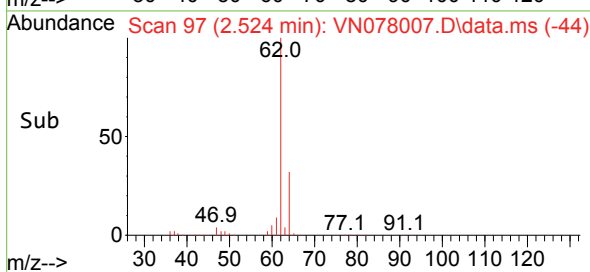
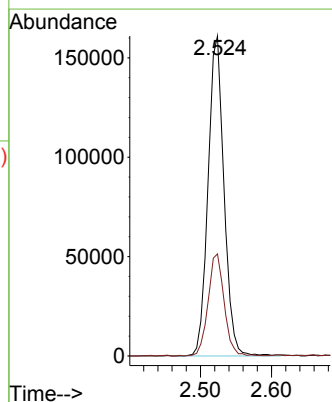
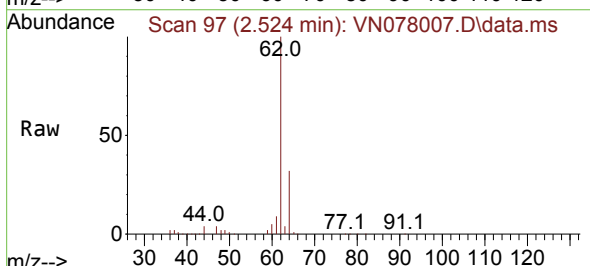
Instrument :
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ClientSampleId :
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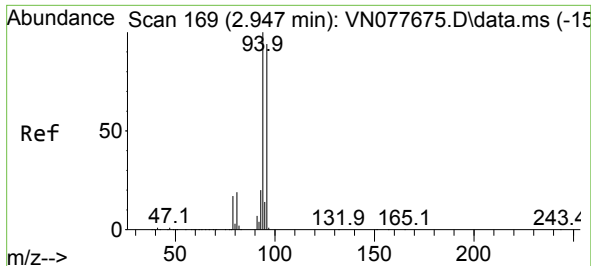
Tgt Ion: 50 Resp: 196786
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7



#4
Vinyl Chloride
Concen: 49.077 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 62 Resp: 251342
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2

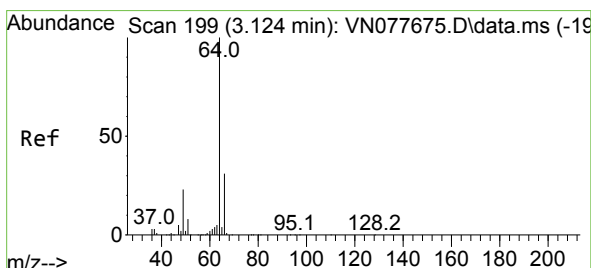
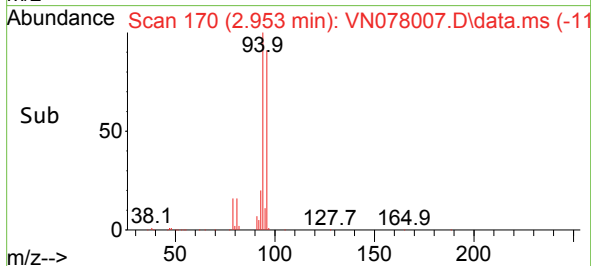
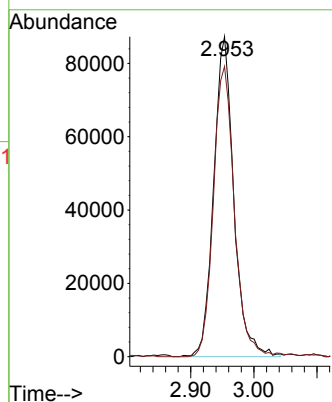
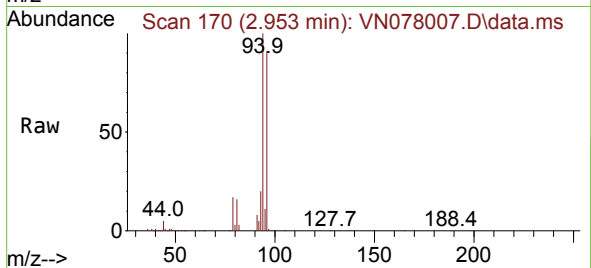




#5
Bromomethane
Concen: 51.034 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078007.D
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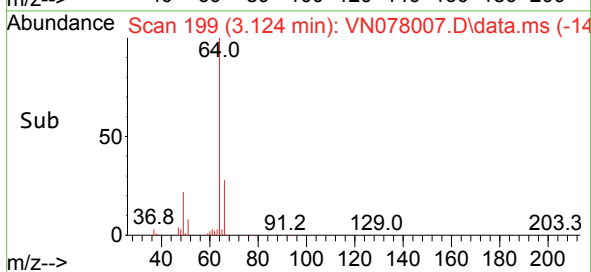
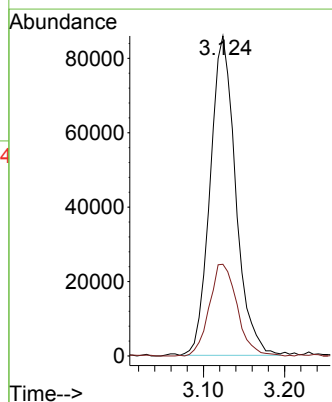
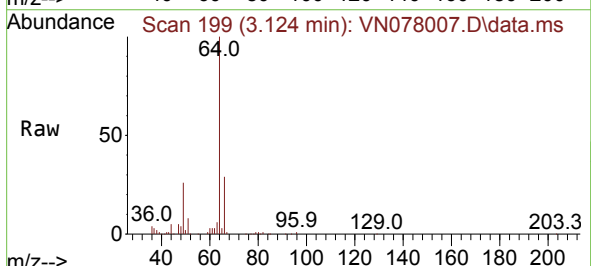
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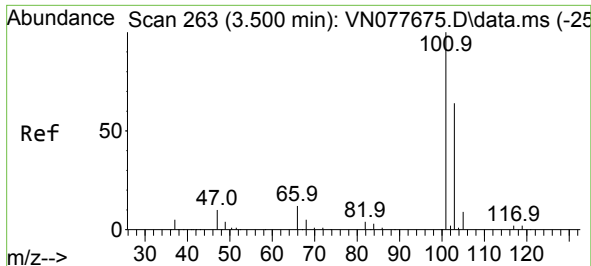
Tgt Ion: 94 Resp: 193305
Ion Ratio Lower Upper
94 100
96 90.7 73.1 109.7



#6
Chloroethane
Concen: 50.930 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078007.D
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Tgt Ion: 64 Resp: 187977
Ion Ratio Lower Upper
64 100
66 28.5 25.4 38.2

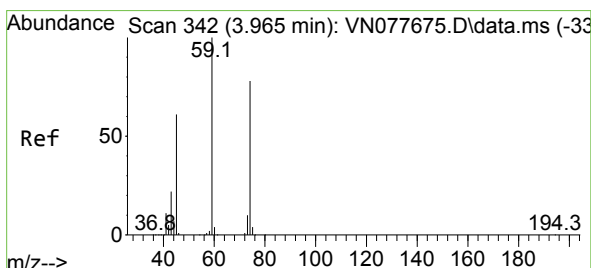
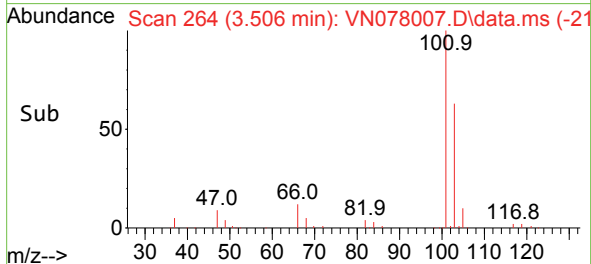
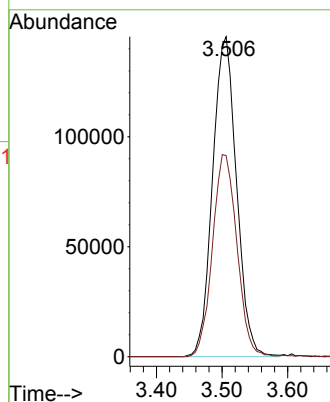
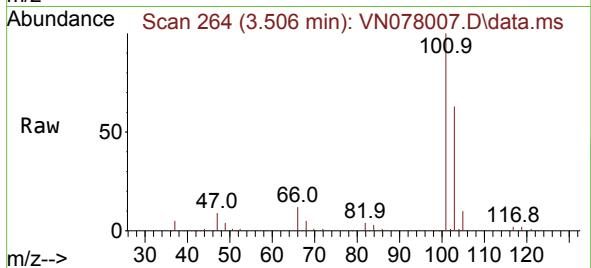




#7
Trichlorofluoromethane
Concen: 51.648 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

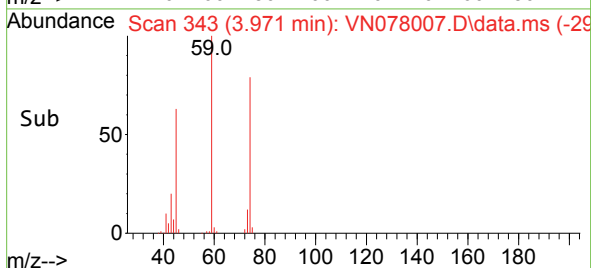
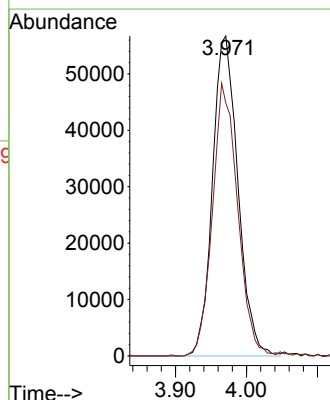
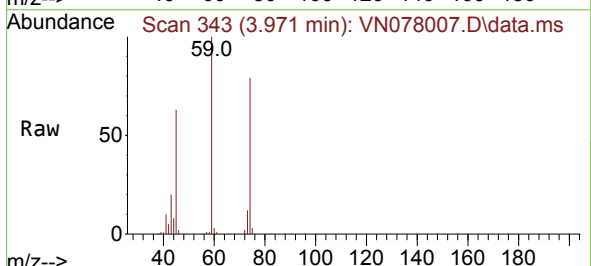
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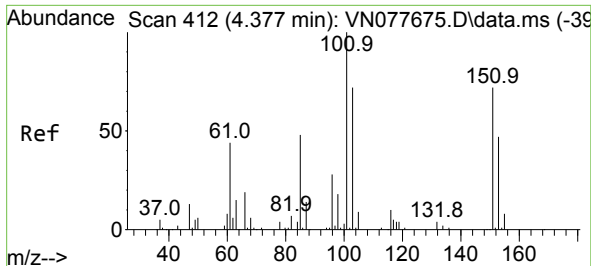
Tgt Ion:101 Resp: 368629
Ion Ratio Lower Upper
101 100
103 62.9 50.7 76.1



#8
Diethyl Ether
Concen: 54.108 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN078007.D
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Tgt Ion: 74 Resp: 140984
Ion Ratio Lower Upper
74 100
45 84.2 34.4 103.3

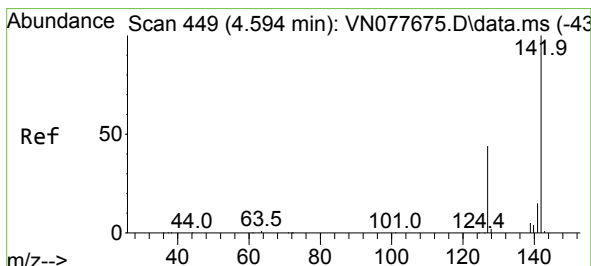
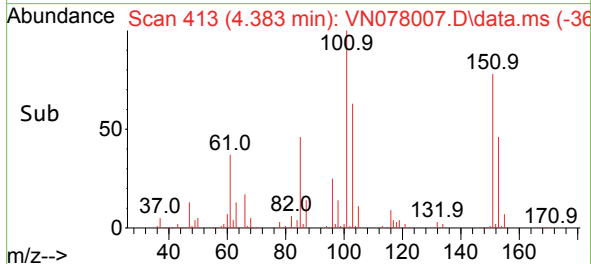
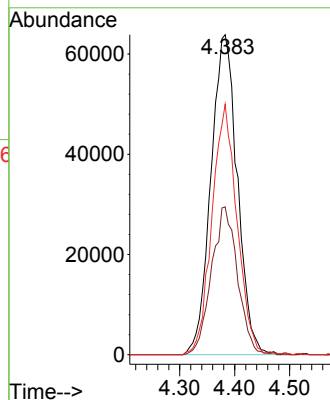
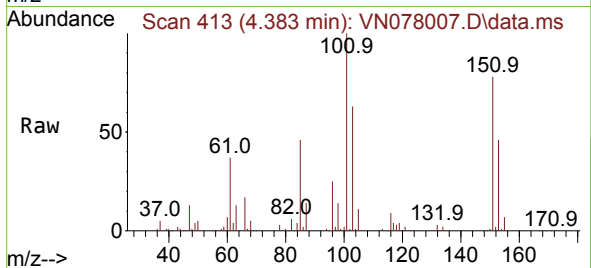




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.946 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

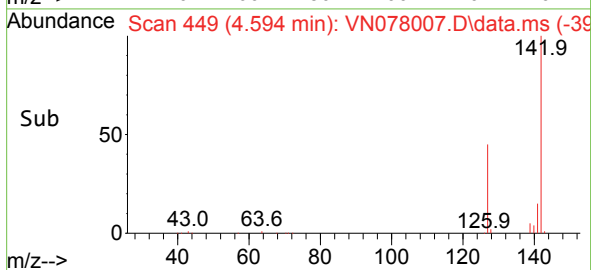
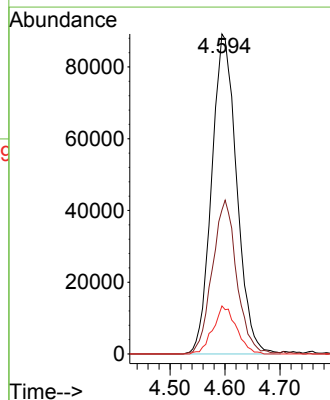
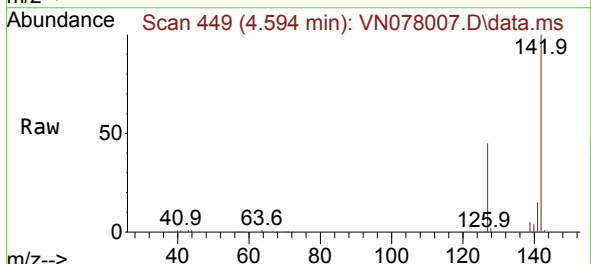
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

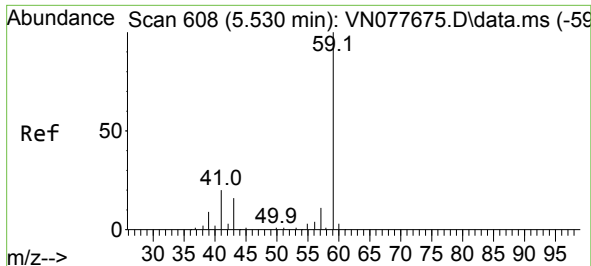
Tgt Ion:101 Resp: 213079
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 74.3 57.6 86.4



#10
Methyl Iodide
Concen: 59.729 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion:142 Resp: 281357
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 15.0 11.4 17.0

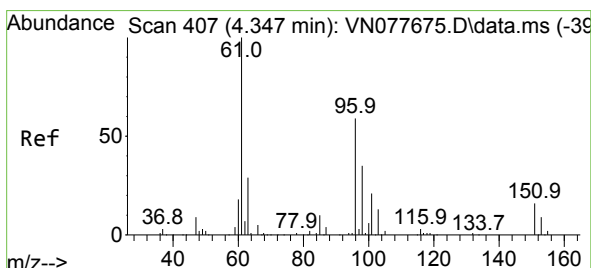
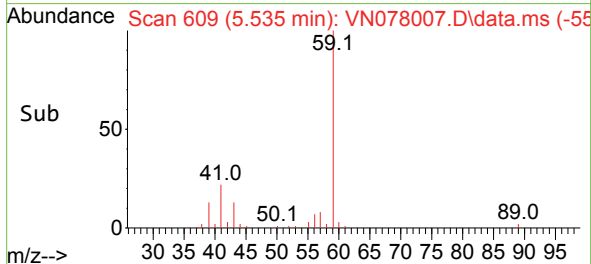
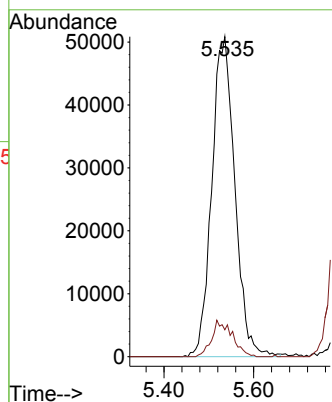
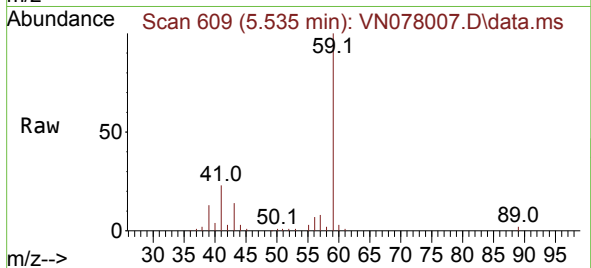




#11
Tert butyl alcohol
Concen: 245.779 ug/l
RT: 5.535 min Scan# 608
Delta R.T. 0.005 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

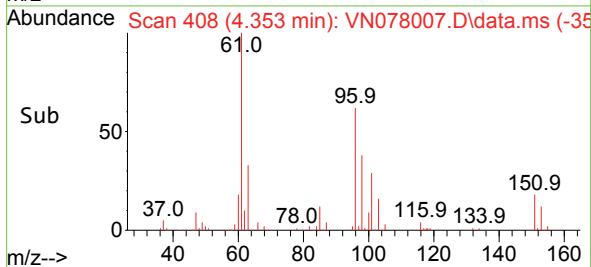
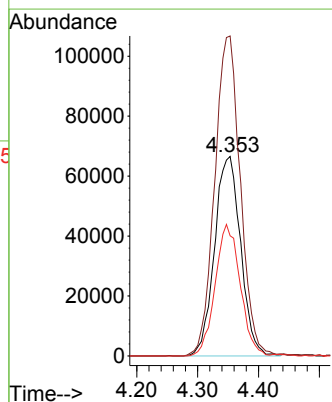
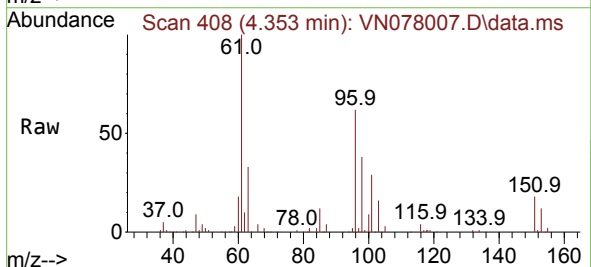
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

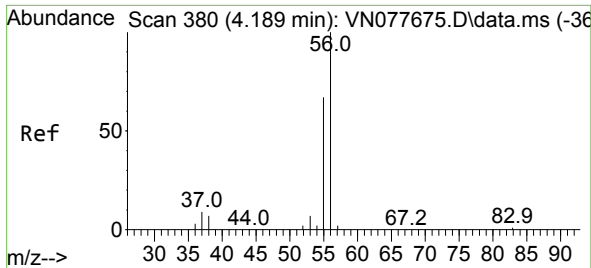
Tgt Ion: 59 Resp: 181151
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.725 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 96 Resp: 197935
Ion Ratio Lower Upper
96 100
61 160.4 112.7 169.1
98 60.2 51.2 76.8

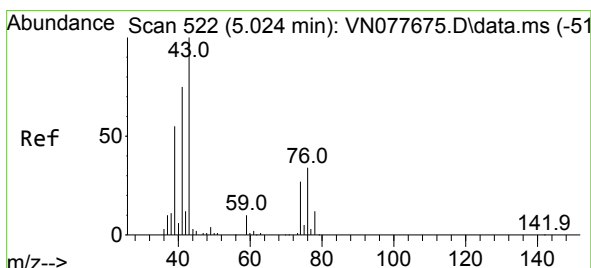
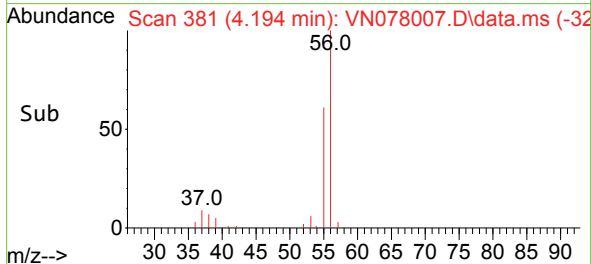
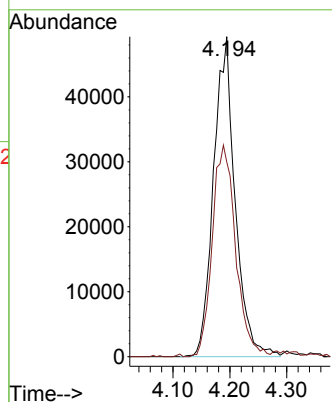
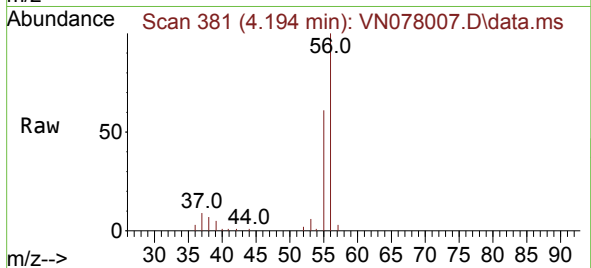




#13
Acrolein
Concen: 287.692 ug/l
RT: 4.194 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

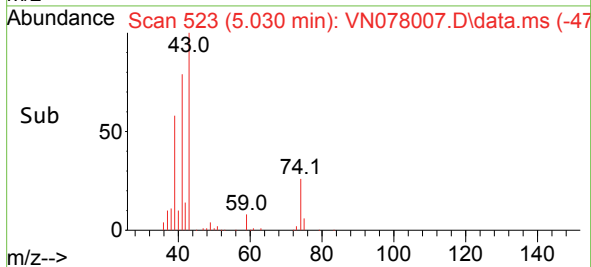
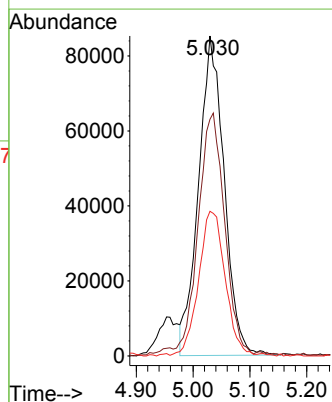
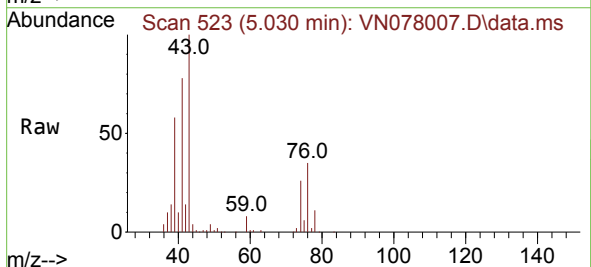
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

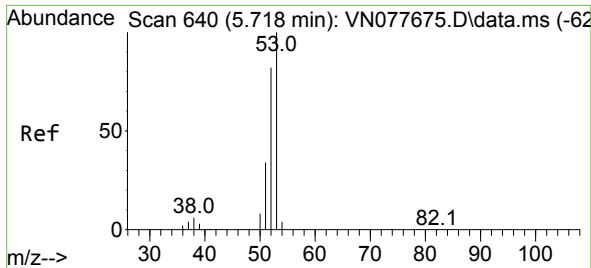
Tgt Ion: 56 Resp: 129929
Ion Ratio Lower Upper
56 100
55 71.6 54.5 81.7



#14
Allyl chloride
Concen: 48.409 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 41 Resp: 266969
Ion Ratio Lower Upper
41 100
39 80.1 58.8 88.2
76 46.3 39.1 58.7

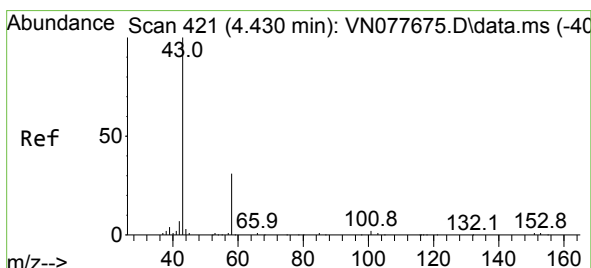
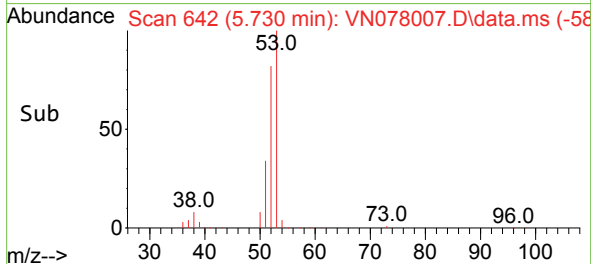
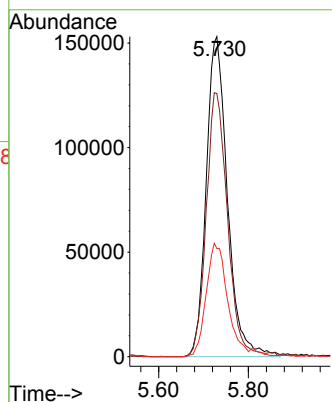
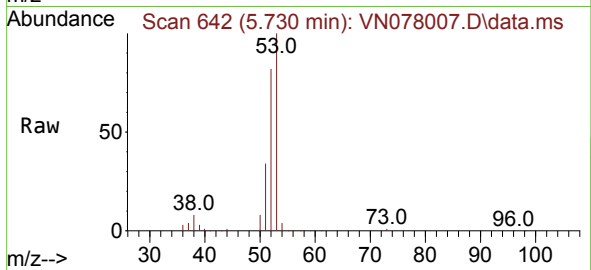




#15
Acrylonitrile
Concen: 255.040 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

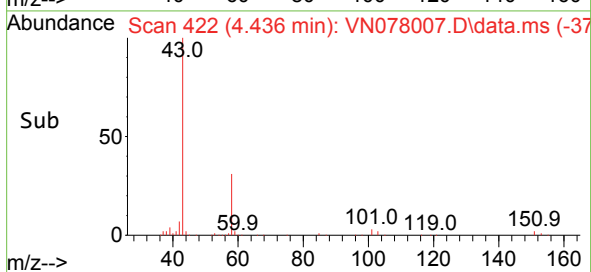
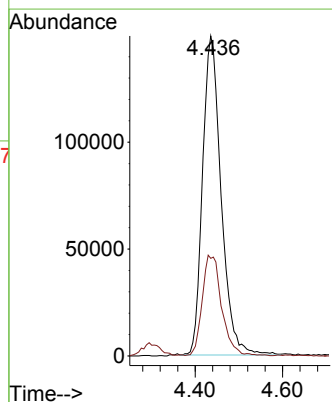
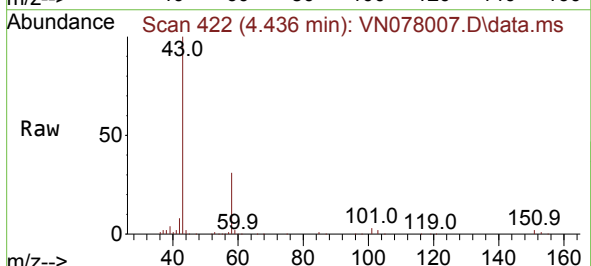
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

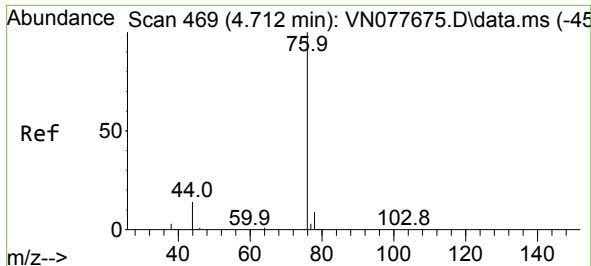
Tgt Ion: 53 Resp: 502203
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 35.6 28.9 43.3



#16
Acetone
Concen: 262.962 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 43 Resp: 441831
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0

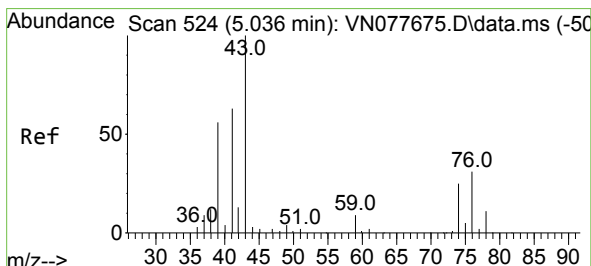
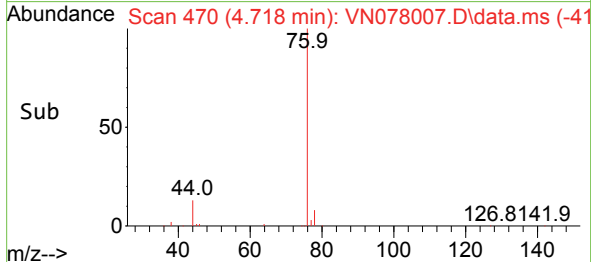
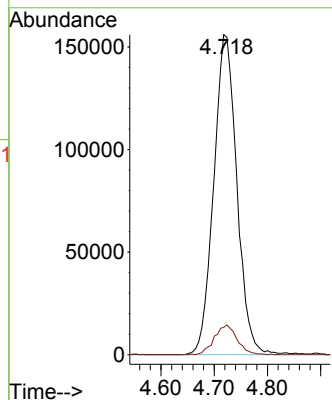
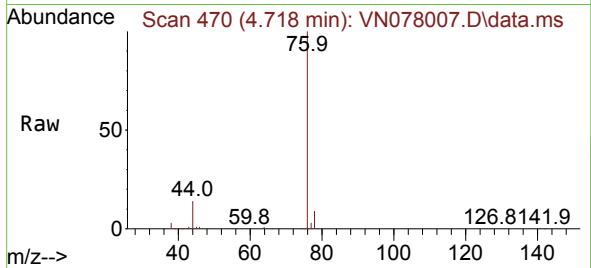




#17
Carbon Disulfide
Concen: 46.458 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

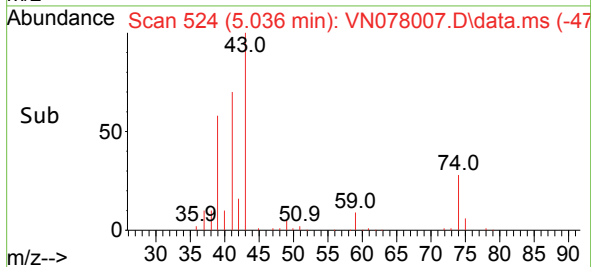
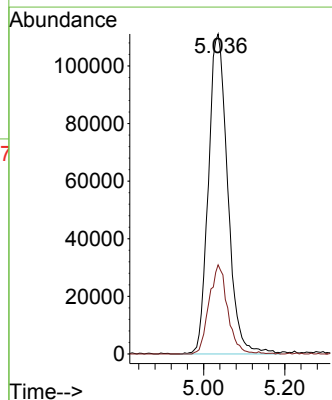
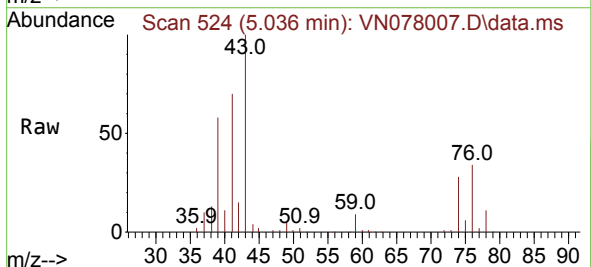
Instrument :
MSVOA_N
ClientSampleId :
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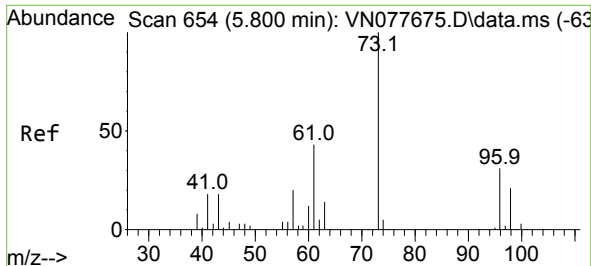
Tgt Ion: 76 Resp: 469934
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 51.866 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 43 Resp: 365592
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4

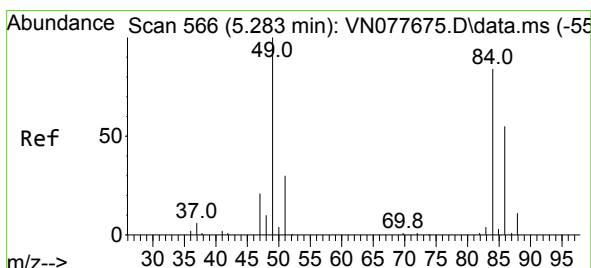
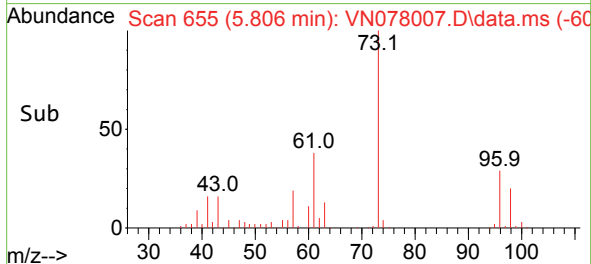
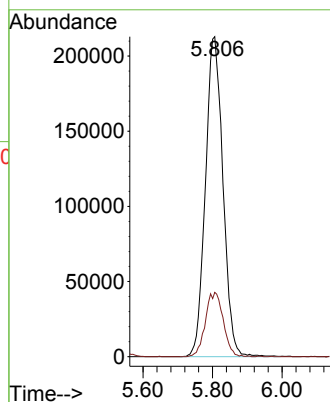
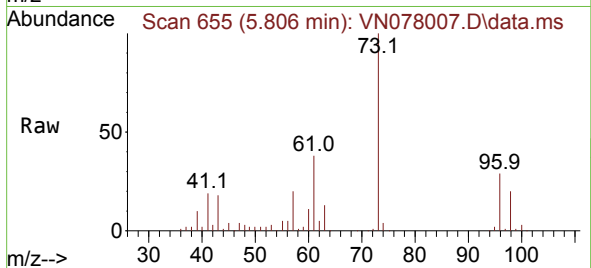




#19
Methyl tert-butyl Ether
Concen: 54.760 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

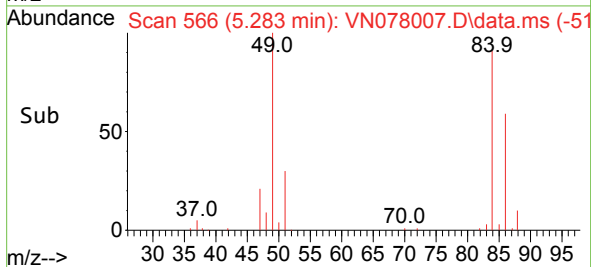
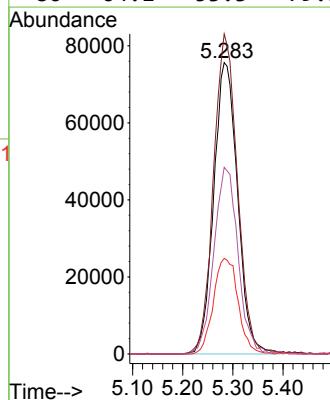
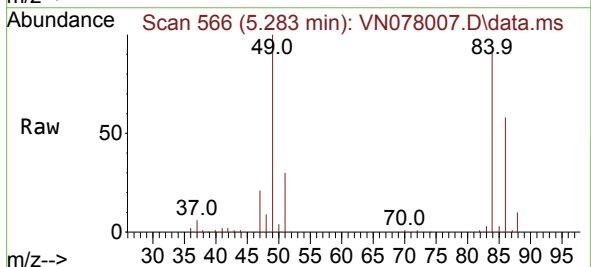
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

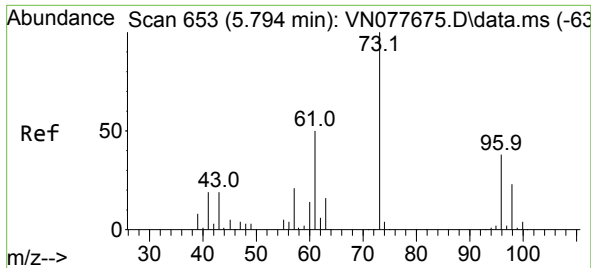
Tgt Ion: 73 Resp: 744099
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4



#20
Methylene Chloride
Concen: 57.603 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 84 Resp: 250597
Ion Ratio Lower Upper
84 100
49 109.8 79.7 119.5
51 32.8 25.2 37.8
86 64.1 53.3 79.9

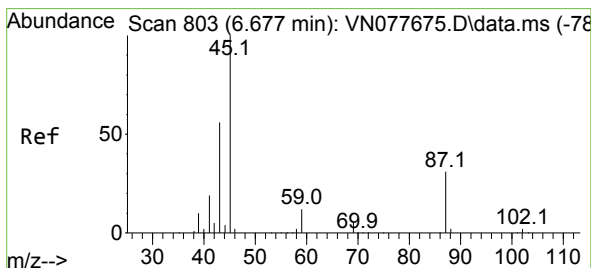
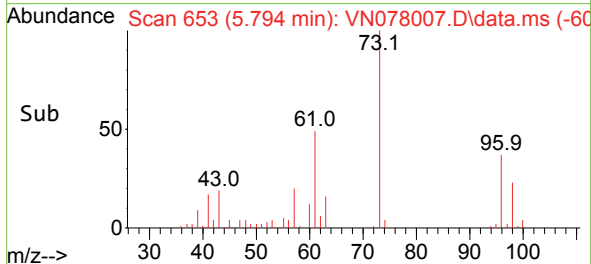
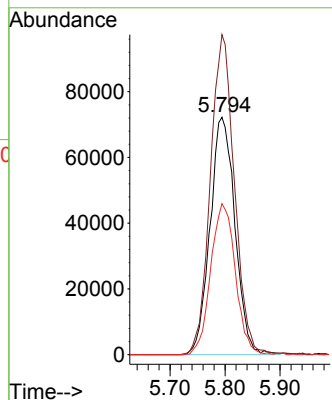
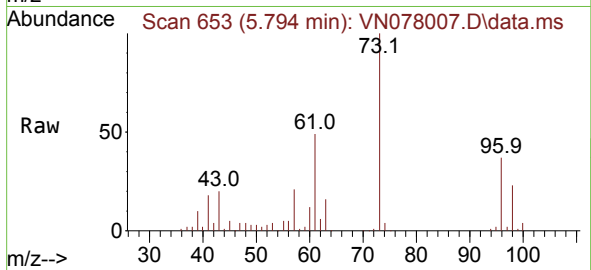




#21
trans-1,2-Dichloroethene
Concen: 54.010 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

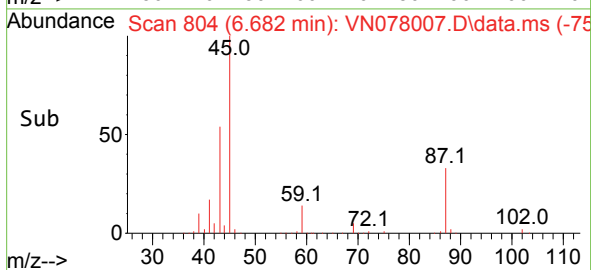
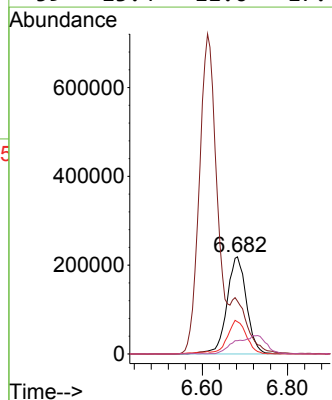
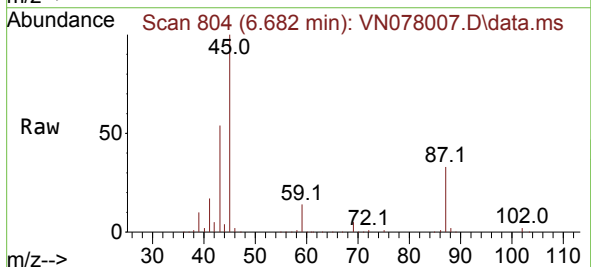
Instrument :
MSVOA_N
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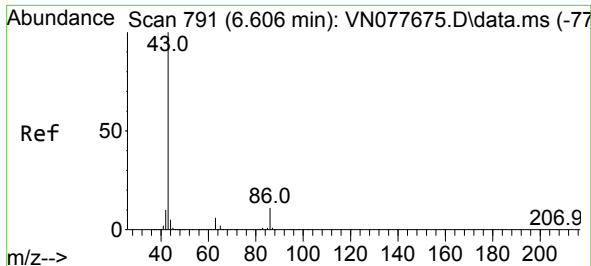
Tgt Ion: 96 Resp: 227756
Ion Ratio Lower Upper
96 100
61 134.8 90.1 135.1
98 63.6 46.4 69.6



#22
Diisopropyl ether
Concen: 53.952 ug/l
RT: 6.682 min Scan# 804
Delta R.T. 0.005 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 45 Resp: 697420
Ion Ratio Lower Upper
45 100
43 54.0 45.5 68.3
87 33.0 31.8 47.8
59 13.4 11.6 17.4

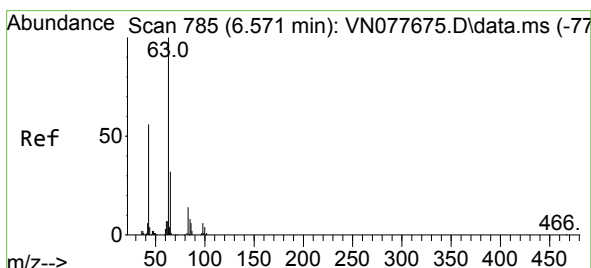
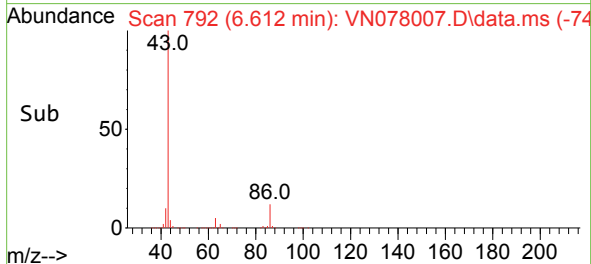
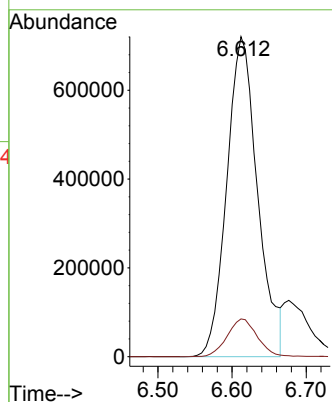
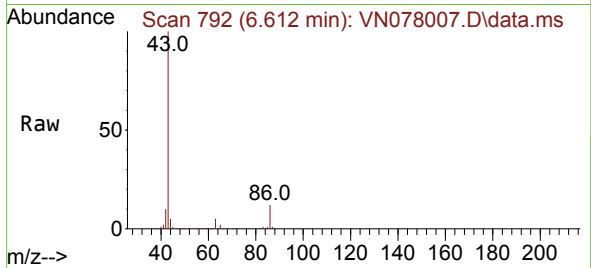




#23
 Vinyl Acetate
 Concen: 260.467 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN078007.D
 Acq: 01 Jun 2023 12:17

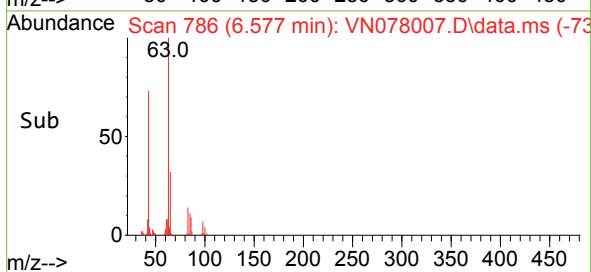
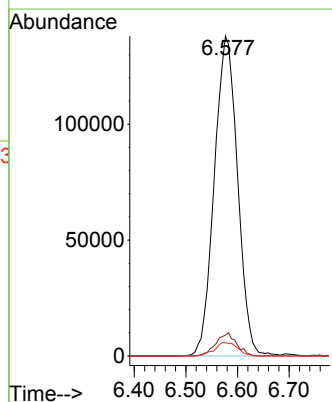
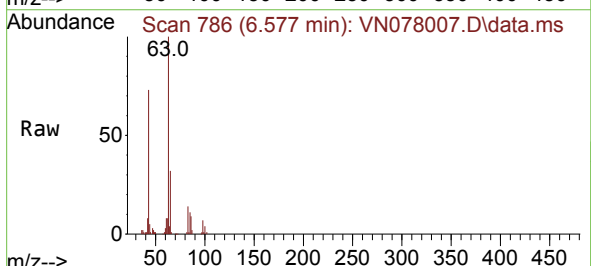
Instrument :
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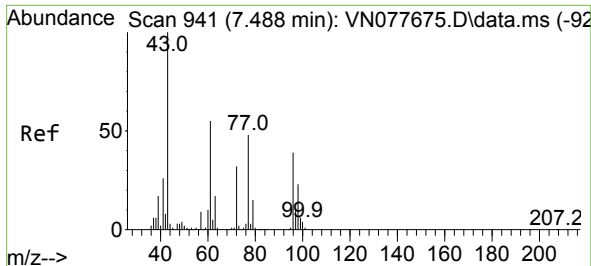
Tgt Ion: 43 Resp: 2086098
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 54.540 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN078007.D
 Acq: 01 Jun 2023 12:17

Tgt Ion: 63 Resp: 431923
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.1 2.5 7.4

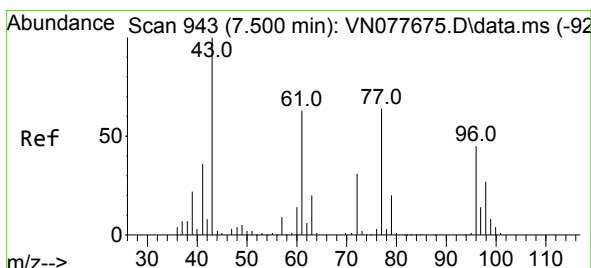
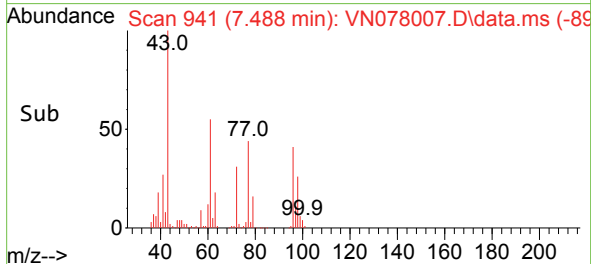
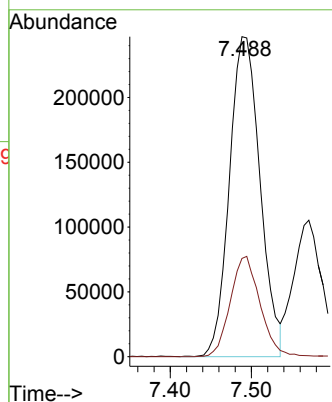
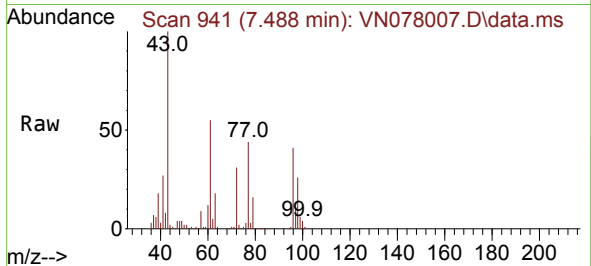




#25
2-Butanone
Concen: 246.749 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

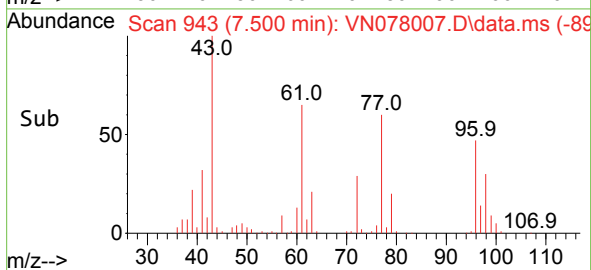
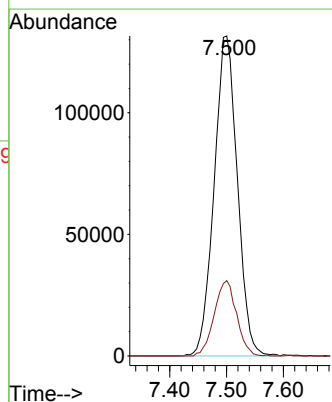
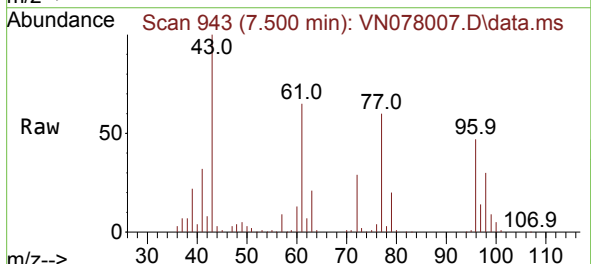
Instrument :
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ClientSampleId :
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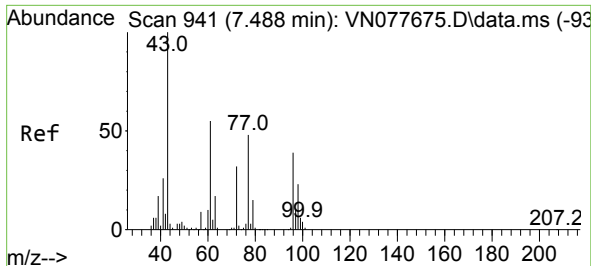
Tgt Ion: 43 Resp: 648543
Ion Ratio Lower Upper
43 100
72 30.7 30.2 45.2



#26
2,2-Dichloropropane
Concen: 55.501 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 77 Resp: 373419
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6

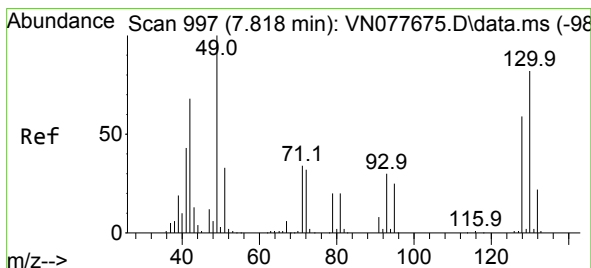
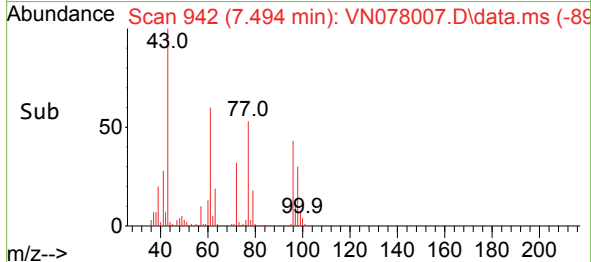
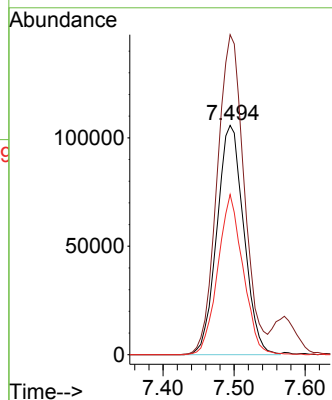
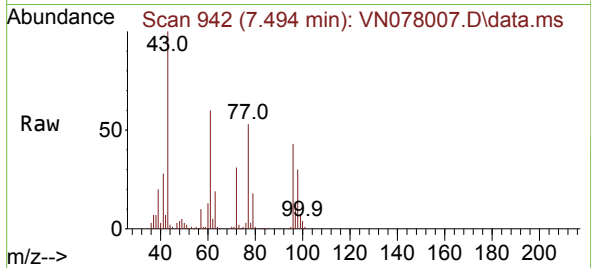




#27
 cis-1,2-Dichloroethene
 Concen: 54.883 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN078007.D
 Acq: 01 Jun 2023 12:17

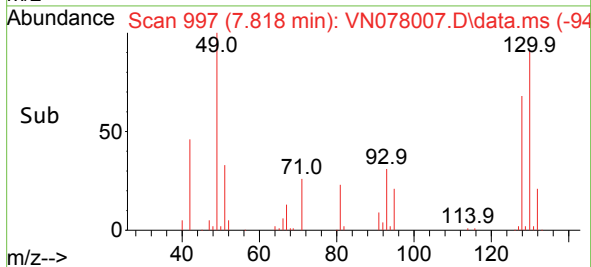
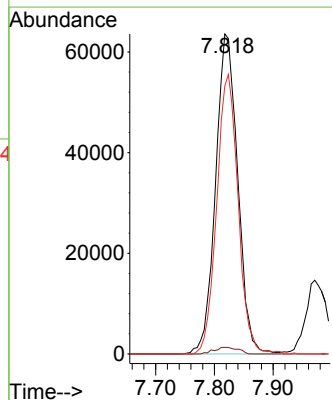
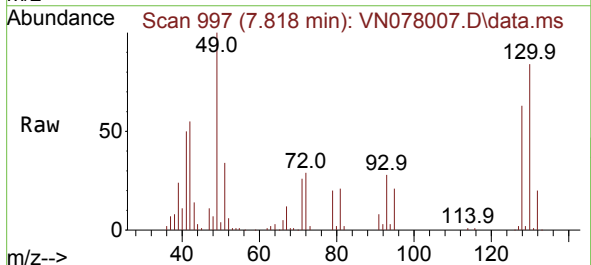
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

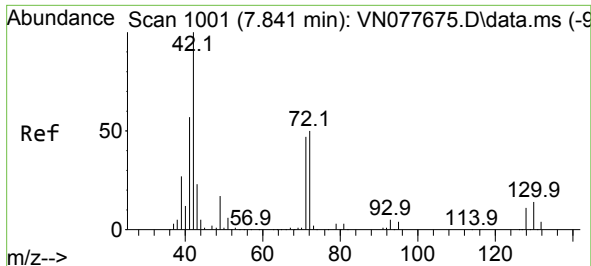
Tgt Ion: 96 Resp: 277506
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 255.2
 98 65.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 48.504 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078007.D
 Acq: 01 Jun 2023 12:17

Tgt Ion: 49 Resp: 166125
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 84.4 75.3 112.9

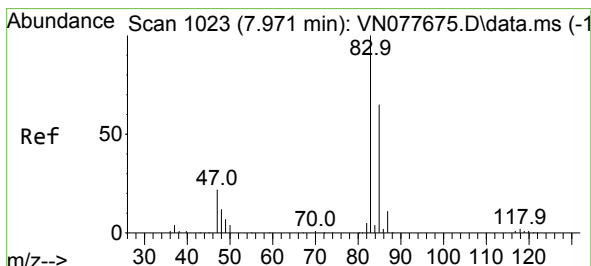
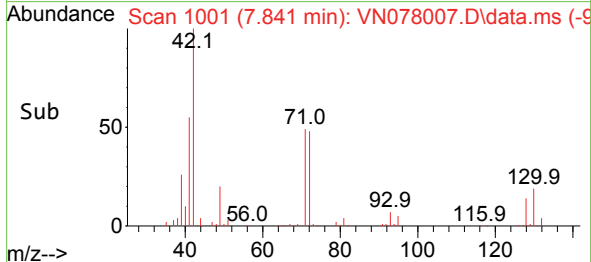
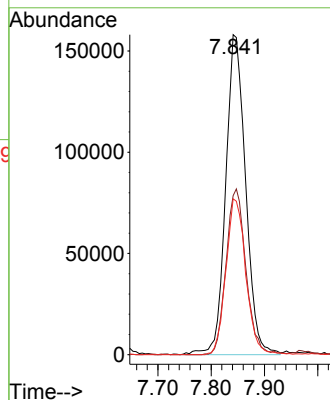
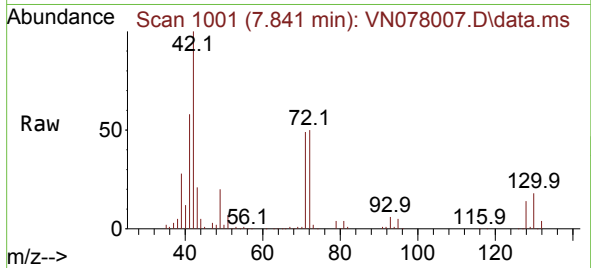




#29
Tetrahydrofuran
Concen: 238.873 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

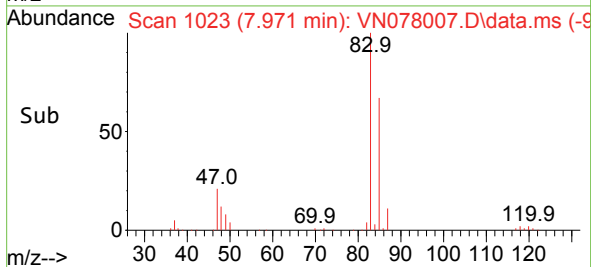
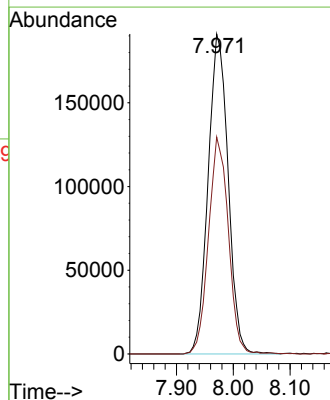
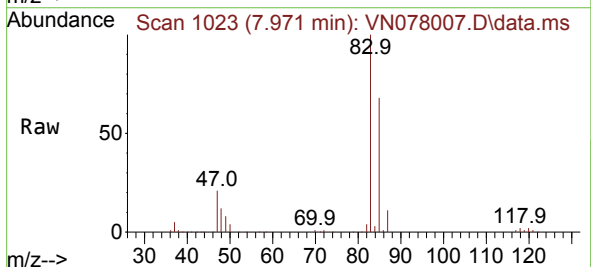
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

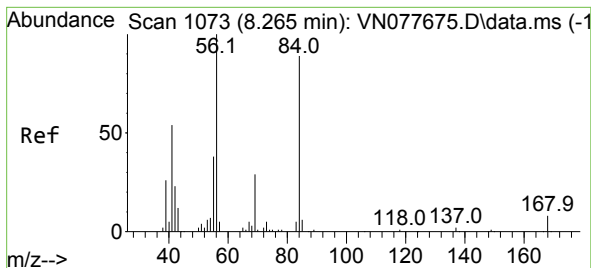
Tgt Ion: 42 Resp: 411107
Ion Ratio Lower Upper
42 100
72 51.7 49.8 74.6
71 48.7 47.4 71.2



#30
Chloroform
Concen: 53.504 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 83 Resp: 466109
Ion Ratio Lower Upper
83 100
85 67.8 55.4 83.0





#31

Cyclohexane

Concen: 48.113 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

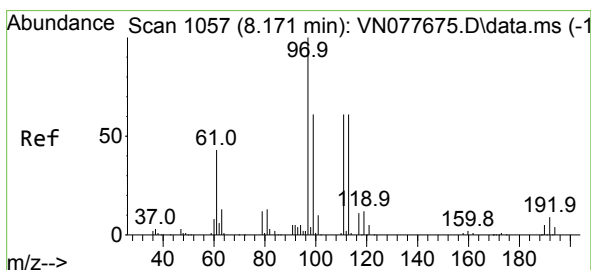
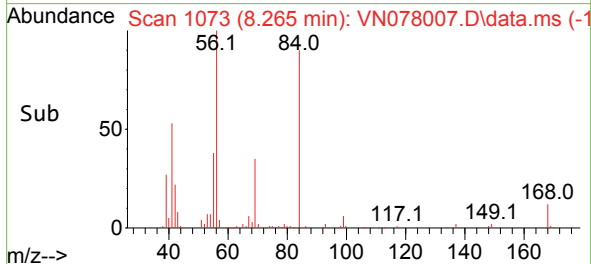
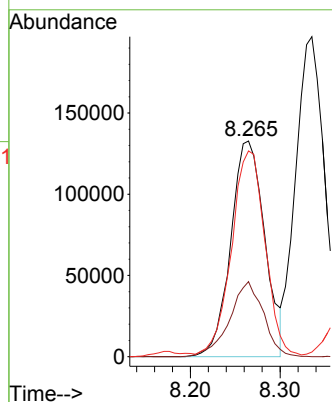
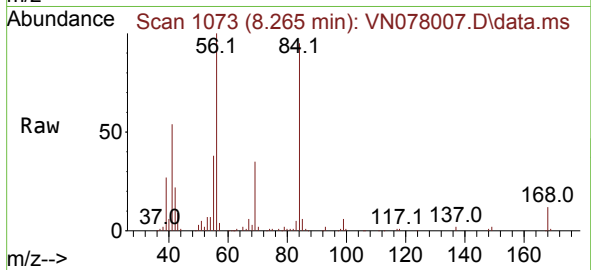
Tgt Ion: 56 Resp: 349230

Ion Ratio Lower Upper

56 100

69 34.8 26.8 40.2

84 94.0 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 55.245 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

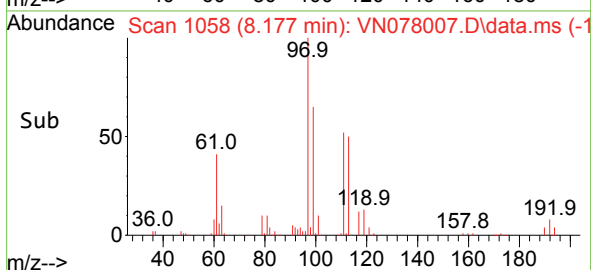
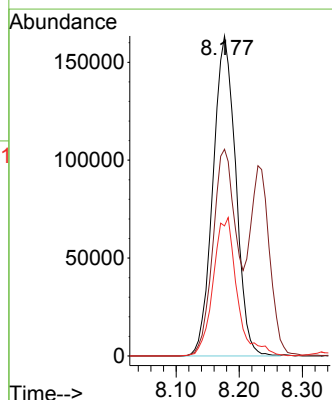
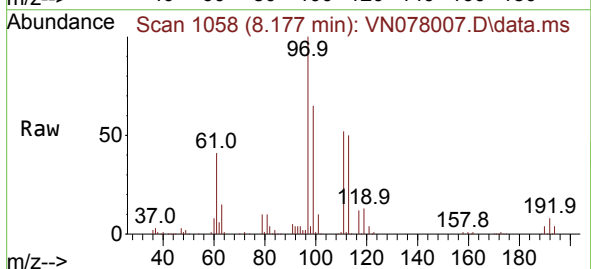
Tgt Ion: 97 Resp: 409182

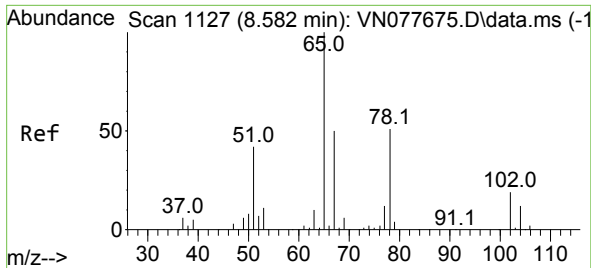
Ion Ratio Lower Upper

97 100

99 66.3 50.3 75.5

61 45.4 34.7 52.1

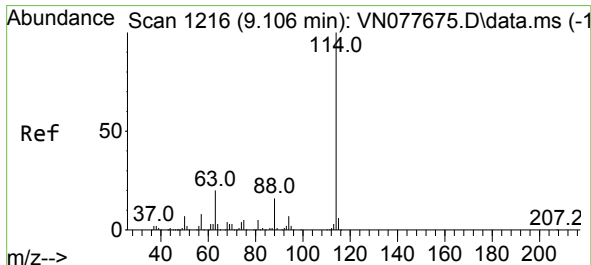
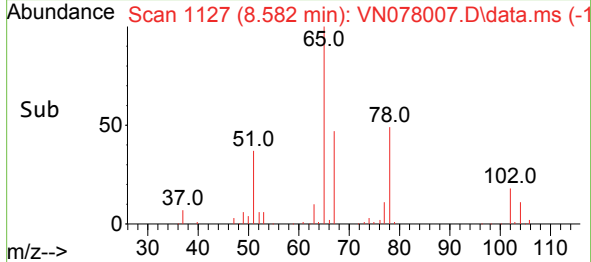
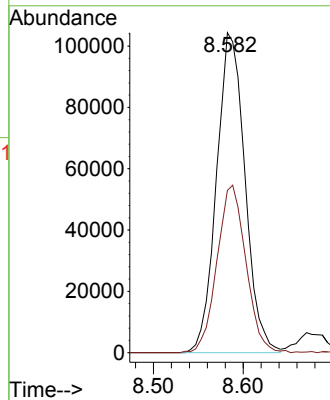
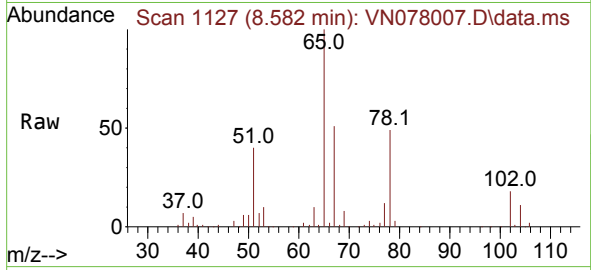




#33
 1,2-Dichloroethane-d4
 Concen: 42.985 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN078007.D
 Acq: 01 Jun 2023 12:17

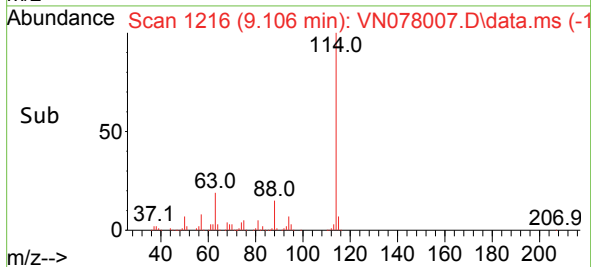
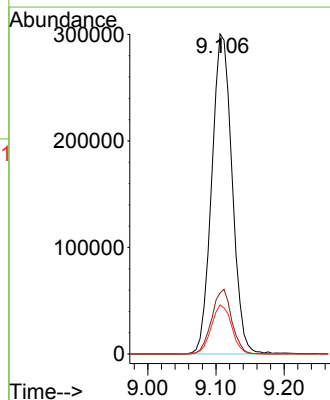
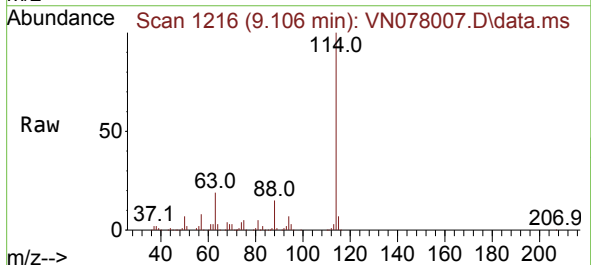
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

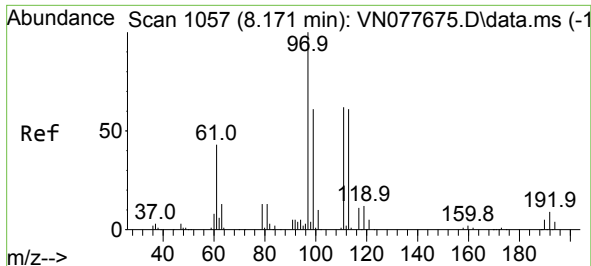
Tgt Ion: 65 Resp: 229563
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN078007.D
 Acq: 01 Jun 2023 12:17

Tgt Ion: 114 Resp: 624053
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.4
 88 15.3 0.0 30.6

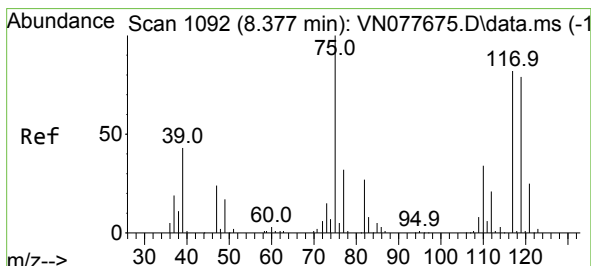
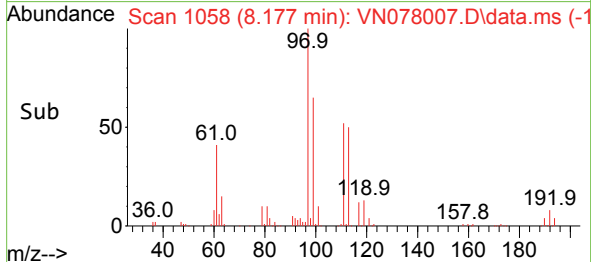
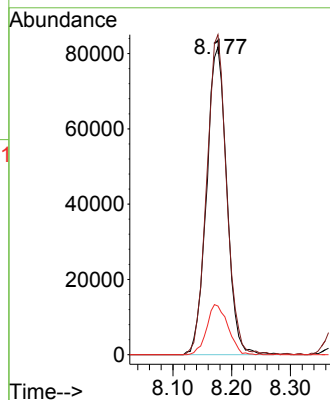
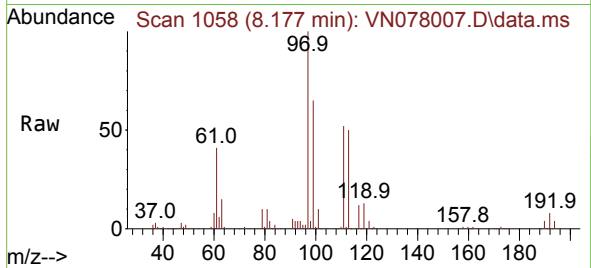




#35
Dibromofluoromethane
Concen: 47.919 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

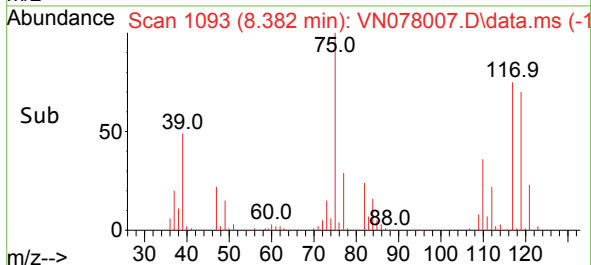
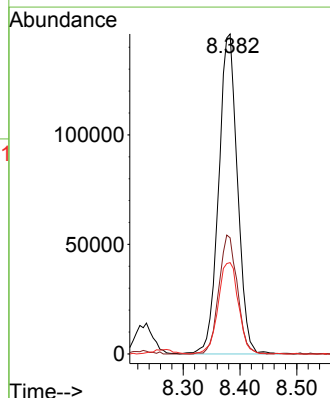
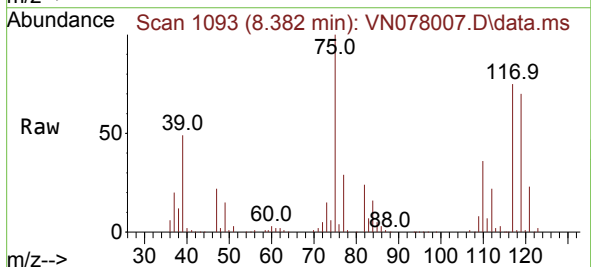
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

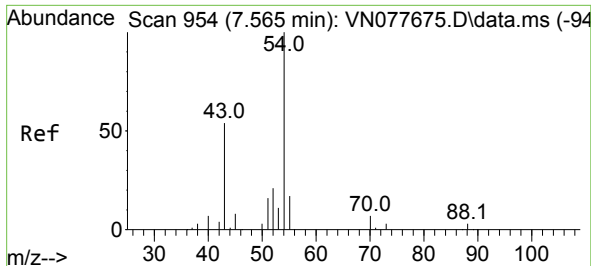
Tgt Ion:113 Resp: 195000
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 17.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 56.428 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.005 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 75 Resp: 335865
Ion Ratio Lower Upper
75 100
110 36.7 19.1 57.3
77 30.9 25.0 37.4

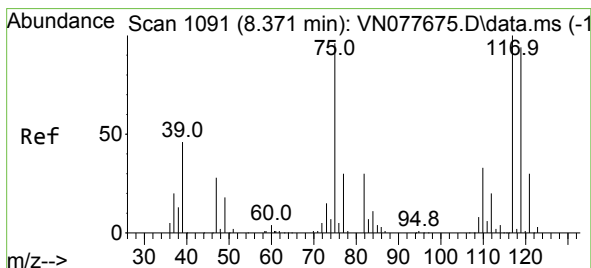
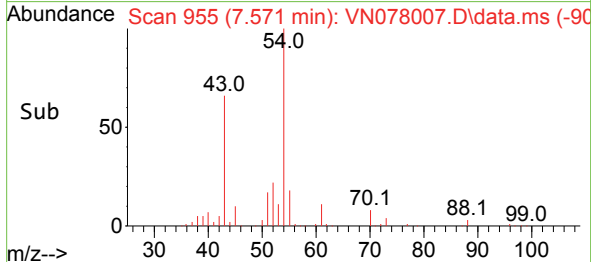
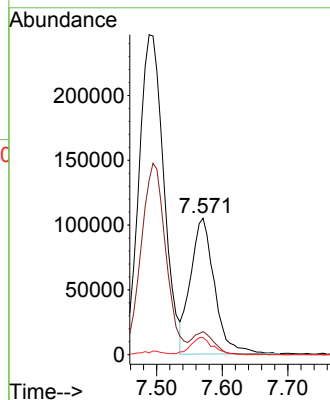
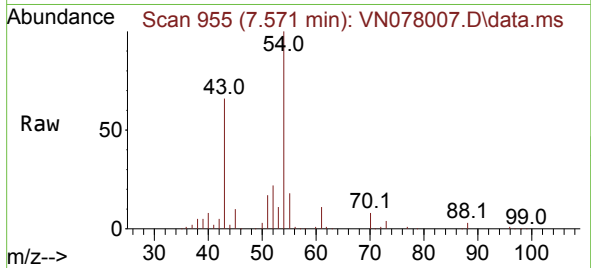




#37
Ethyl Acetate
Concen: 49.945 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

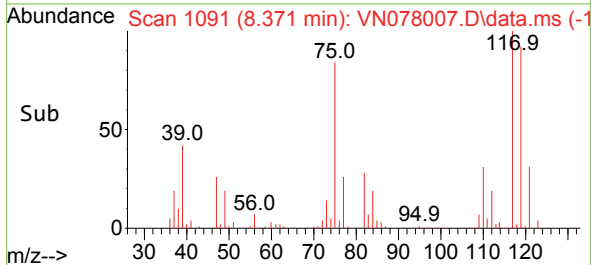
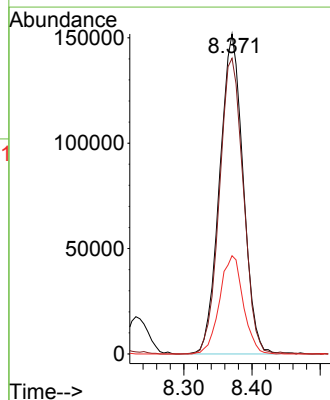
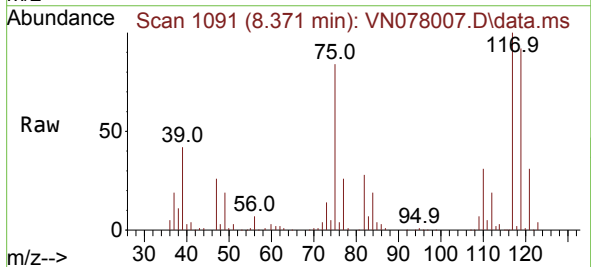
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

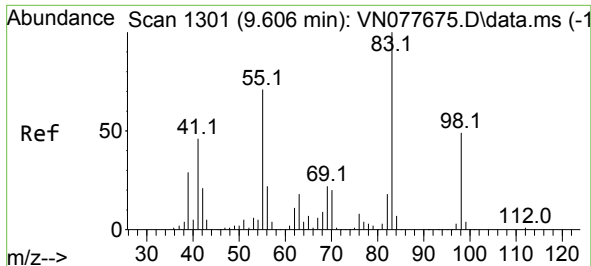
Tgt Ion: 43 Resp: 264966
Ion Ratio Lower Upper
43 100
61 14.5 13.2 19.8
70 11.8 11.3 16.9



#38
Carbon Tetrachloride
Concen: 60.573 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 117 Resp: 364067
Ion Ratio Lower Upper
117 100
119 92.4 77.3 115.9
121 30.7 23.3 34.9





#39

Methylcyclohexane

Concen: 52.873 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

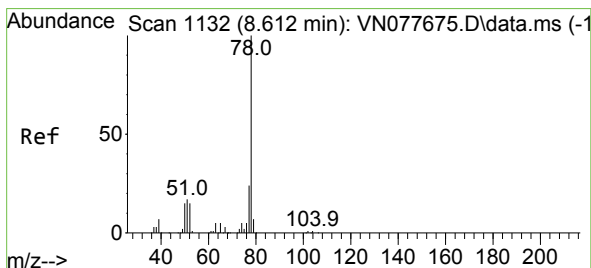
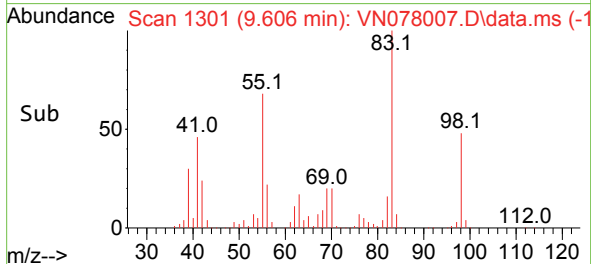
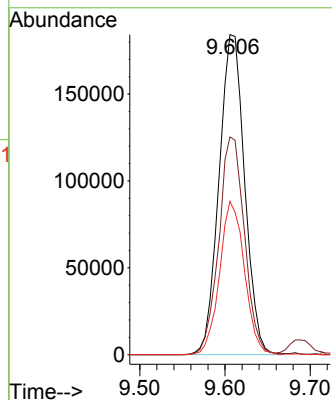
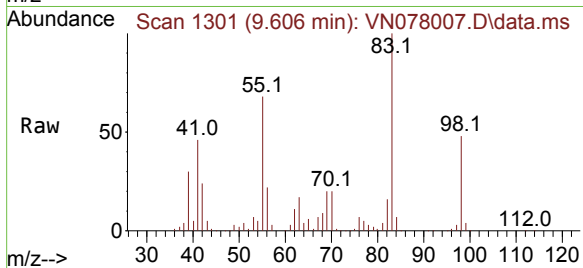
Tgt Ion: 83 Resp: 385283

Ion Ratio Lower Upper

83 100

55 68.1 49.1 73.7

98 47.9 40.6 61.0



#40

Benzene

Concen: 57.587 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078007.D

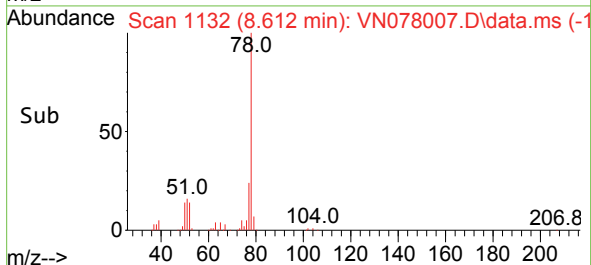
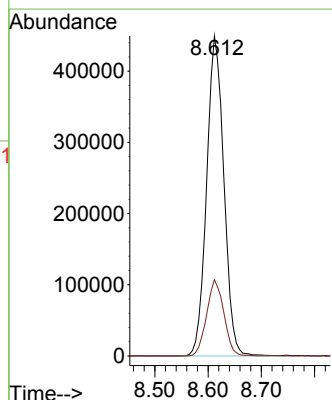
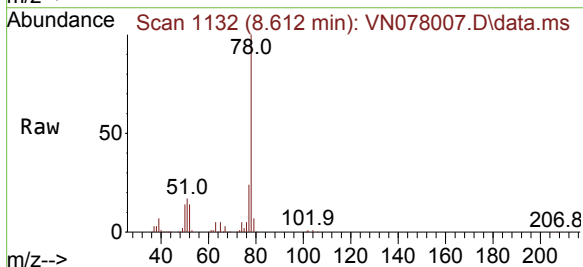
Acq: 01 Jun 2023 12:17

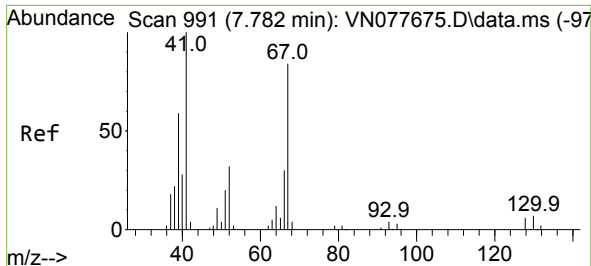
Tgt Ion: 78 Resp: 1011490

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

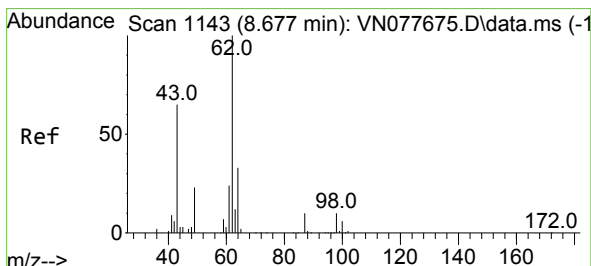
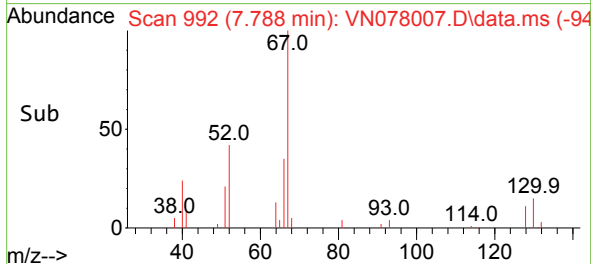
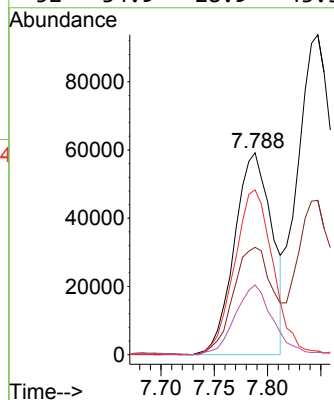
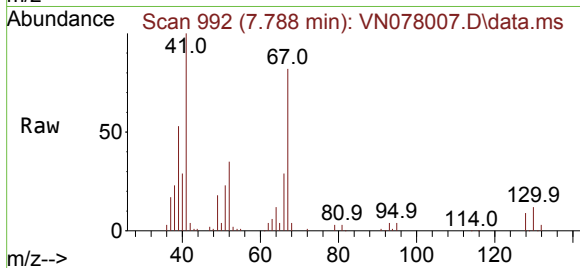




#41
Methacrylonitrile
Concen: 51.422 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

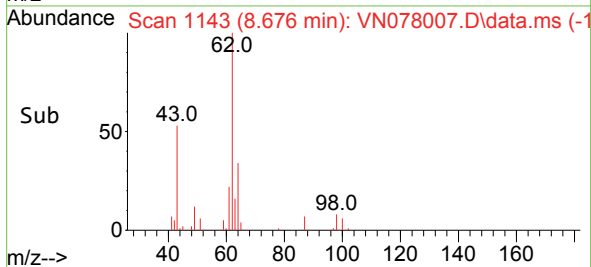
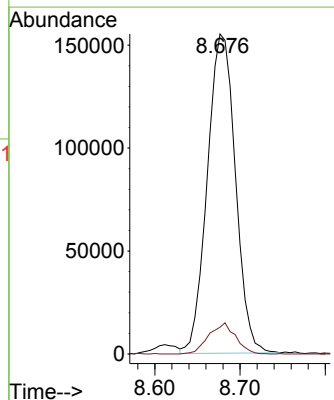
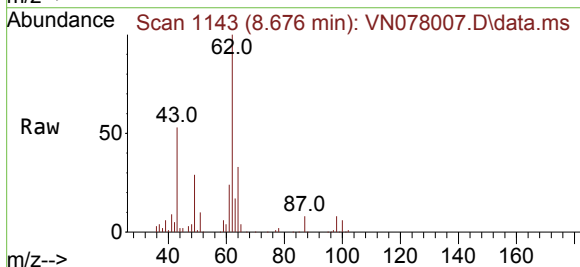
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

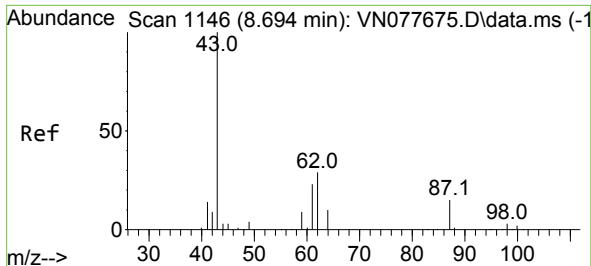
Tgt Ion:	41	Resp:	145284
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.6	64.0
67	84.7	77.5	116.3
52	34.9	28.9	43.3



#42
1,2-Dichloroethane
Concen: 55.730 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion:	62	Resp:	355580
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8

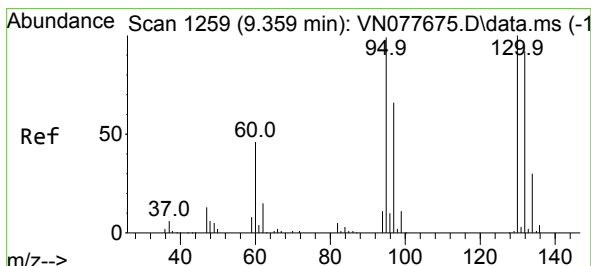
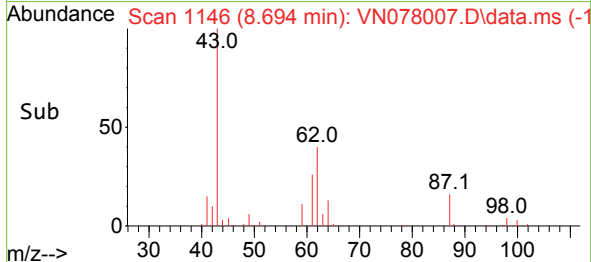
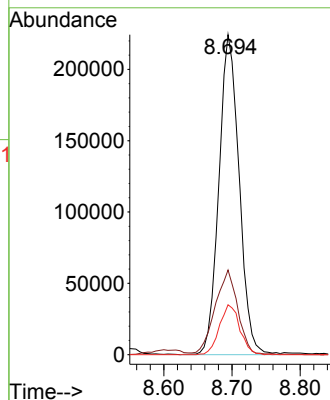
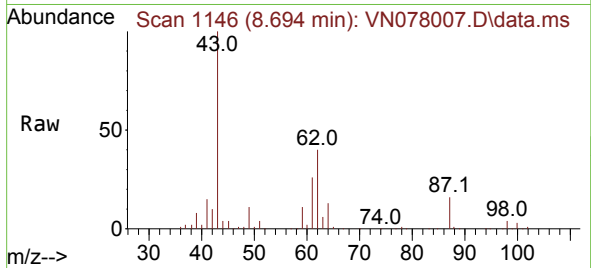




#43
Isopropyl Acetate
Concen: 53.557 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

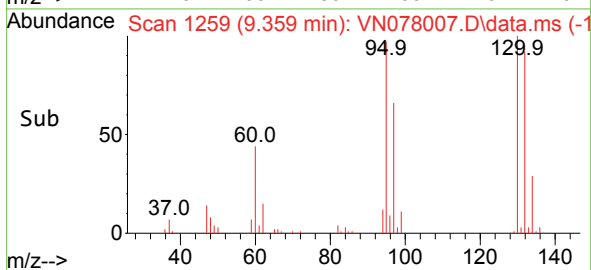
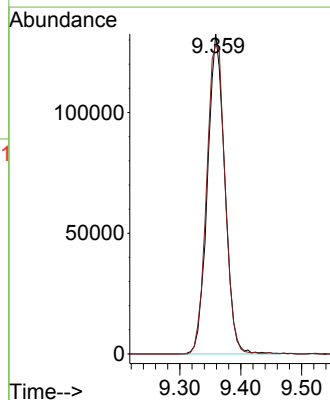
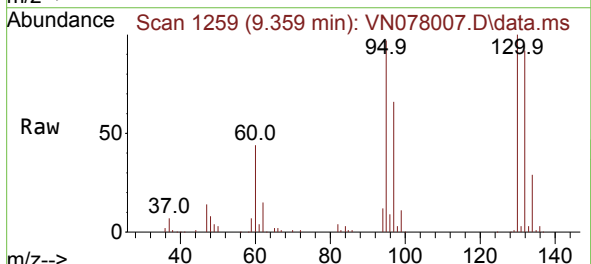
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

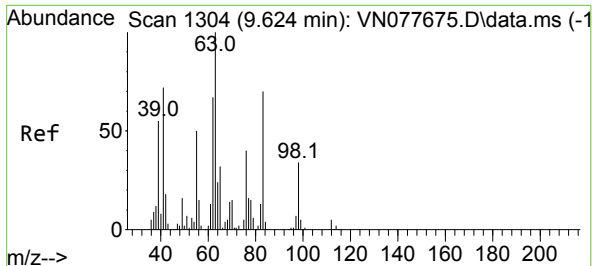
Tgt Ion: 43 Resp: 464091
Ion Ratio Lower Upper
43 100
61 29.9 24.7 37.1
87 15.7 14.6 21.8



#44
Trichloroethene
Concen: 58.879 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion:130 Resp: 261861
Ion Ratio Lower Upper
130 100
95 96.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 59.922 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

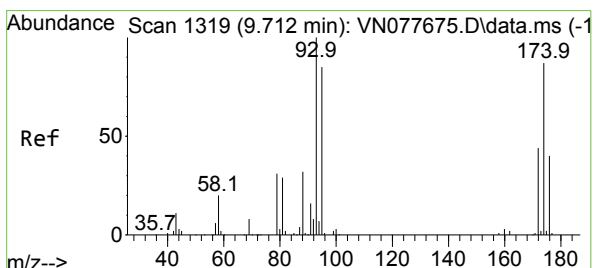
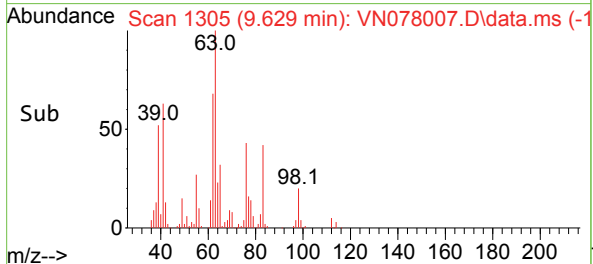
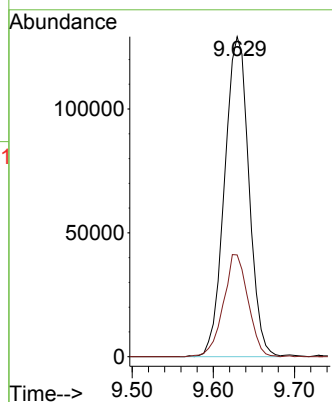
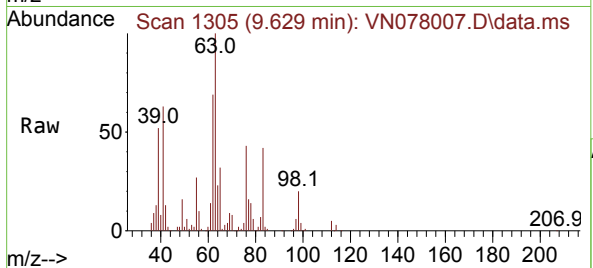
VSTDCCC050

Tgt Ion: 63 Resp: 268462

Ion Ratio Lower Upper

63 100

65 31.8 23.9 35.9



#46

Dibromomethane

Concen: 59.307 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

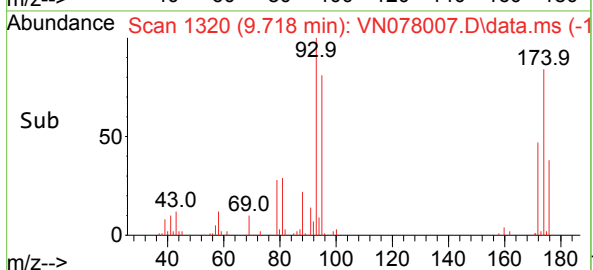
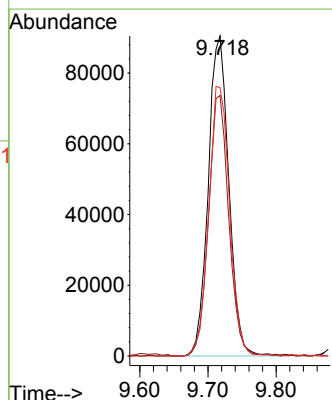
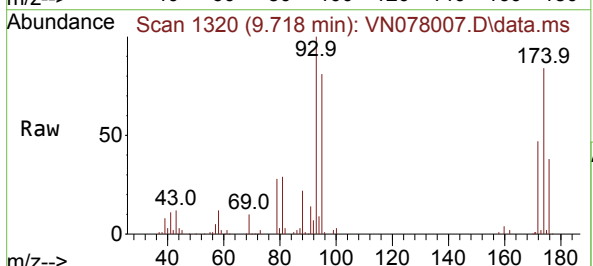
Tgt Ion: 93 Resp: 190131

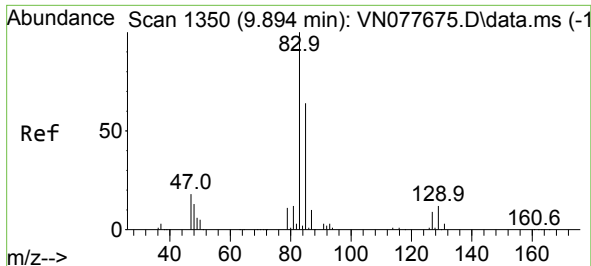
Ion Ratio Lower Upper

93 100

95 80.0 63.8 95.8

174 85.2 65.6 98.4

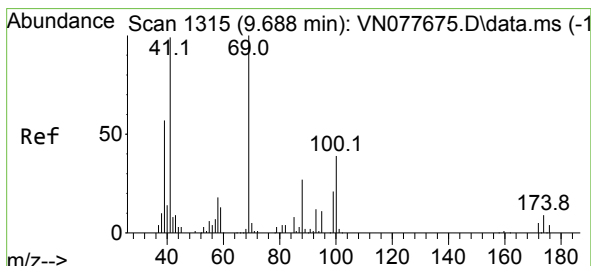
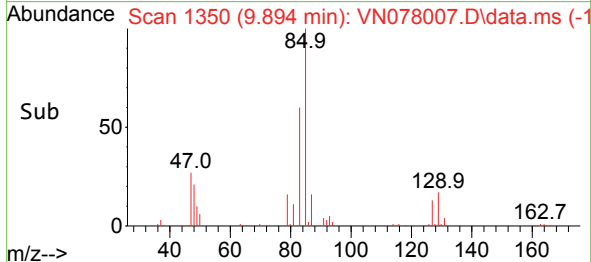
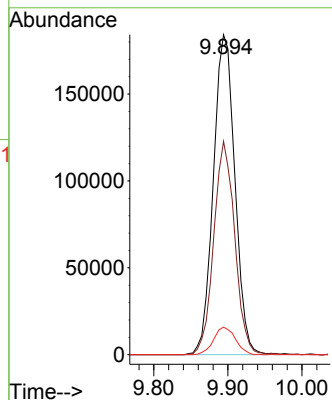
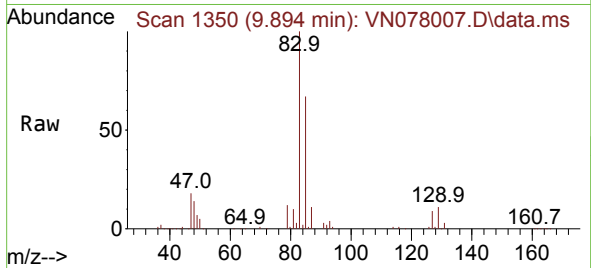




#47
Bromodichloromethane
Concen: 60.623 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

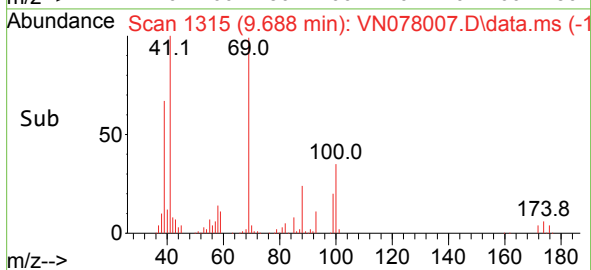
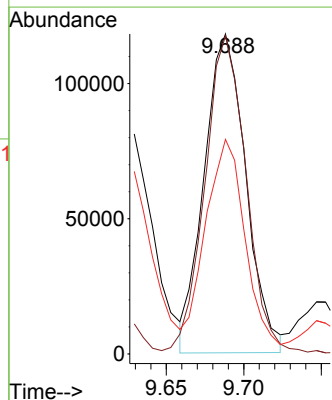
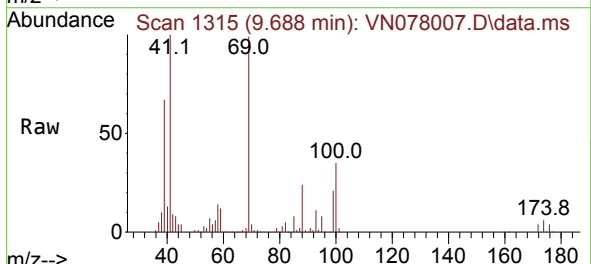
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

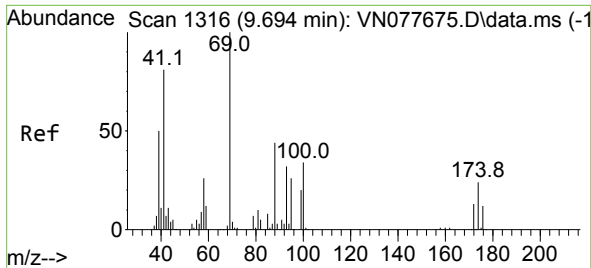
Tgt Ion: 83 Resp: 372082
Ion Ratio Lower Upper
83 100
85 66.7 49.6 74.4
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 53.647 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 41 Resp: 220406
Ion Ratio Lower Upper
41 100
69 98.3 90.4 135.6
39 65.1 54.6 81.8

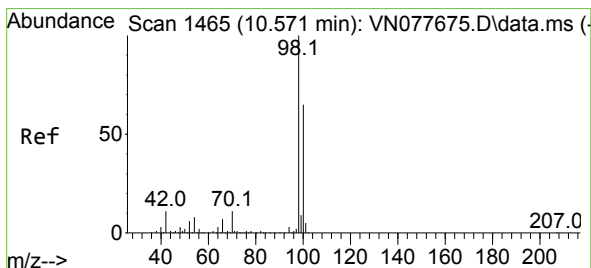
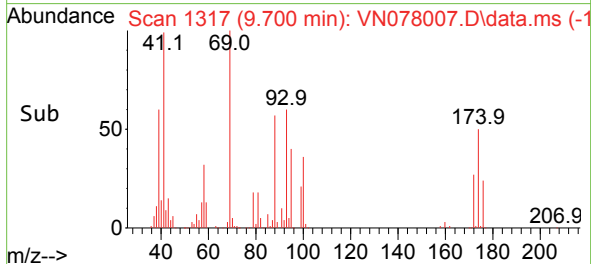
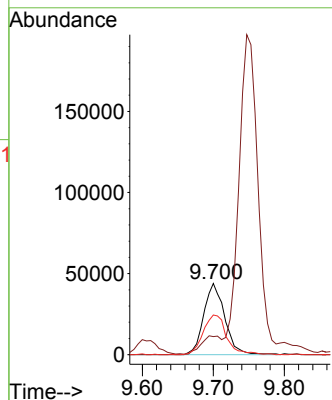
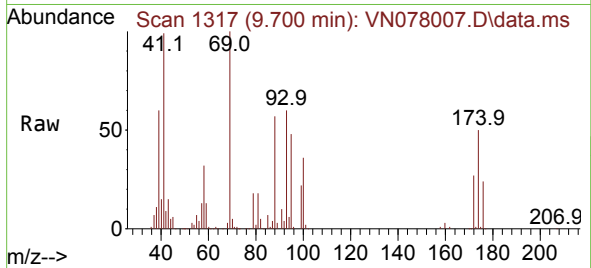




#49
1,4-Dioxane
Concen: 1169.110 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

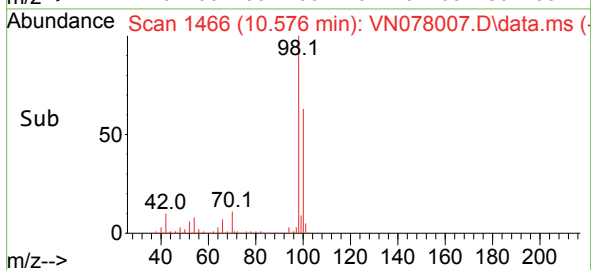
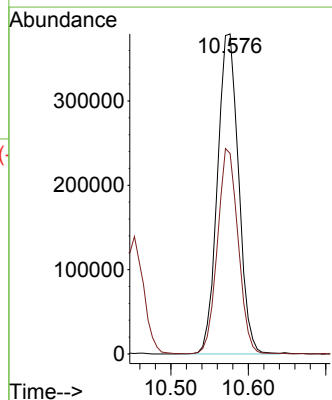
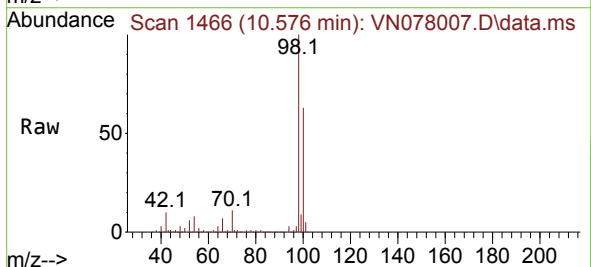
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

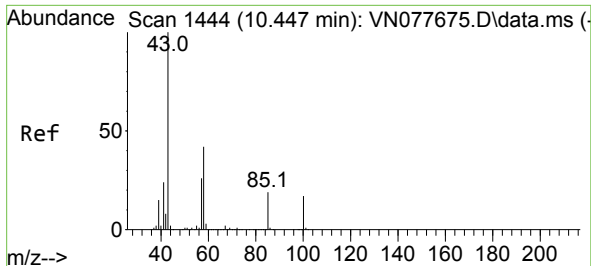
Tgt Ion: 88 Resp: 90720
Ion Ratio Lower Upper
88 100
43 24.1 17.0 25.6
58 62.1 47.0 70.4



#50
Toluene-d8
Concen: 45.850 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 98 Resp: 718171
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

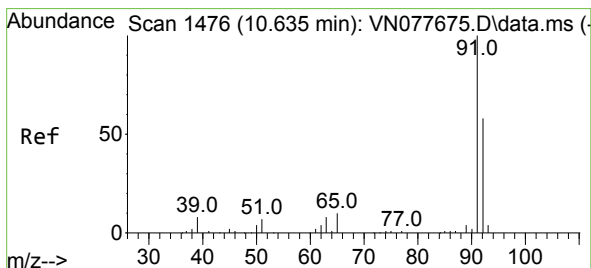
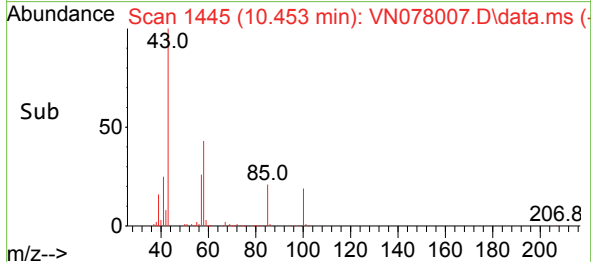
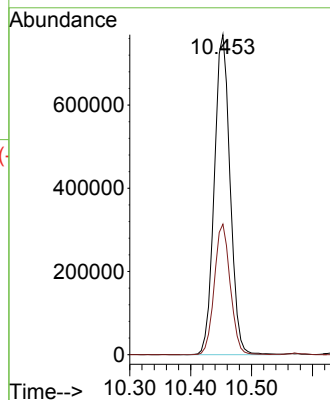
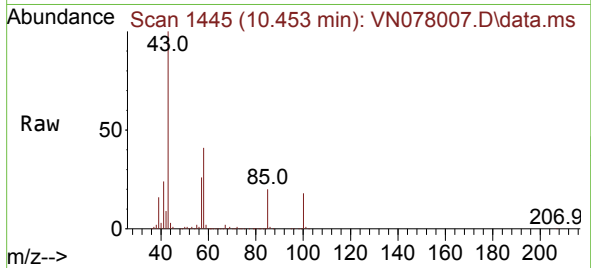




#51
4-Methyl-2-Pentanone
Concen: 269.562 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

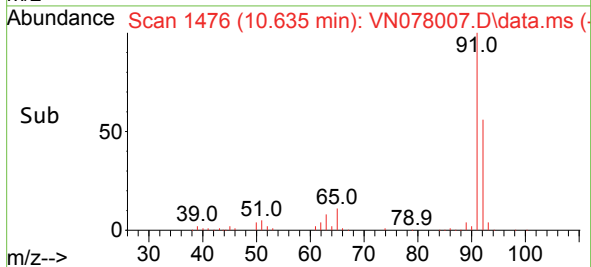
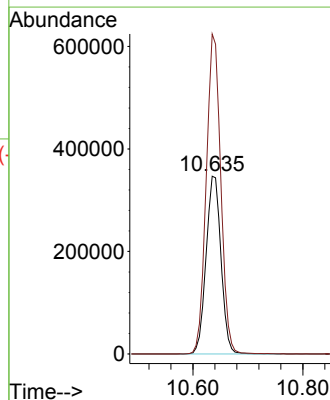
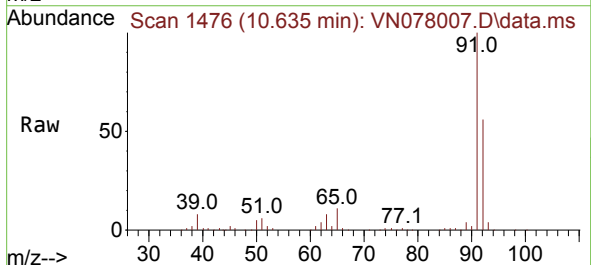
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

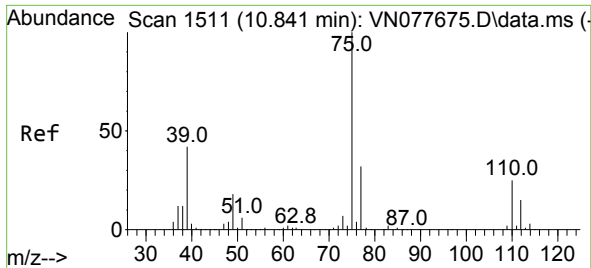
Tgt Ion: 43 Resp: 1388468
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8



#52
Toluene
Concen: 59.620 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 92 Resp: 651932
Ion Ratio Lower Upper
92 100
91 175.6 137.4 206.0

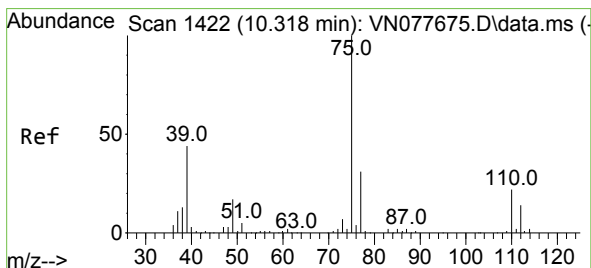
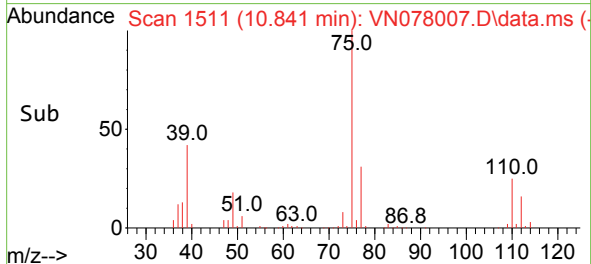
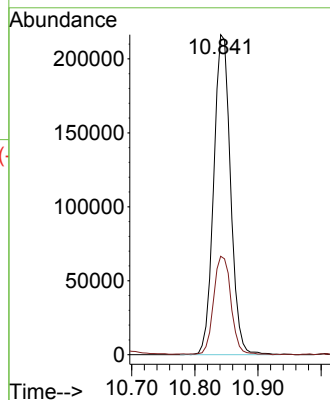
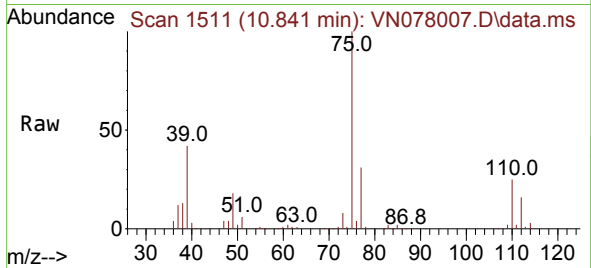




#53
 t-1,3-Dichloropropene
 Concen: 61.541 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078007.D
 Acq: 01 Jun 2023 12:17

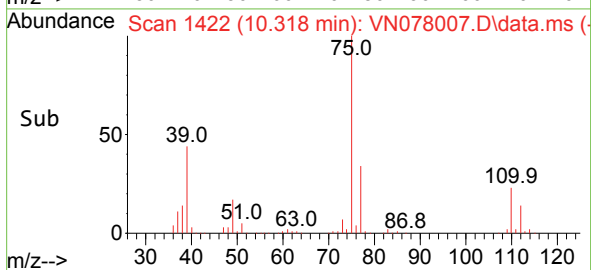
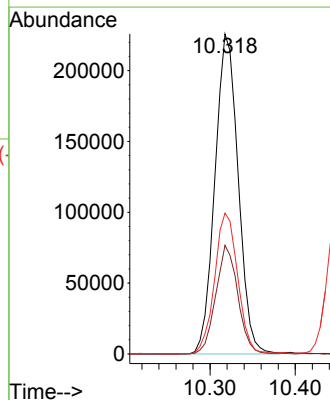
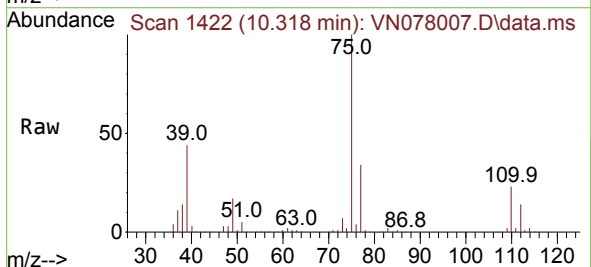
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

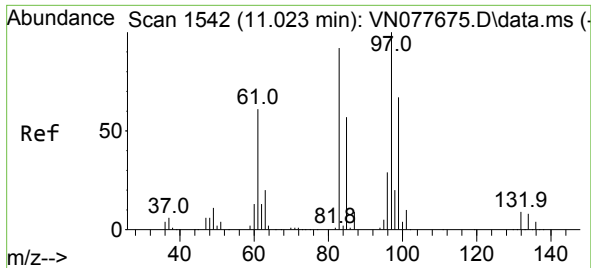
Tgt Ion: 75 Resp: 399990
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 59.937 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078007.D
 Acq: 01 Jun 2023 12:17

Tgt Ion: 75 Resp: 429305
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.1 39.1
 39 43.9 31.6 47.4

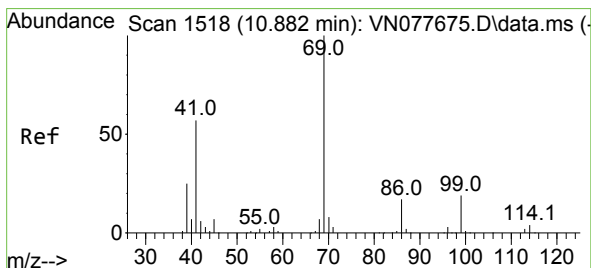
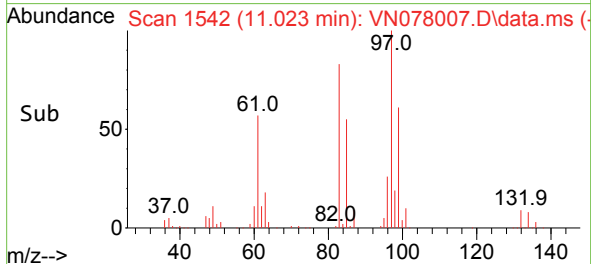
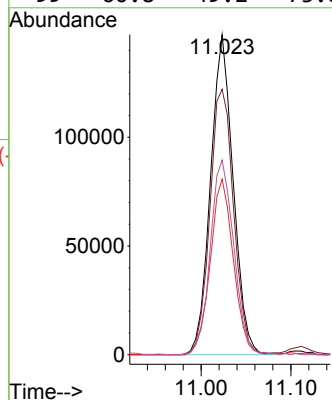
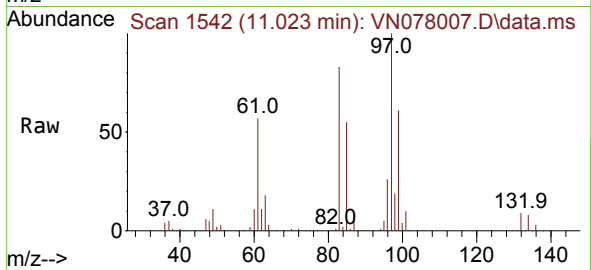




#55
1,1,2-Trichloroethane
Concen: 59.521 ug/l
RT: 11.023 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

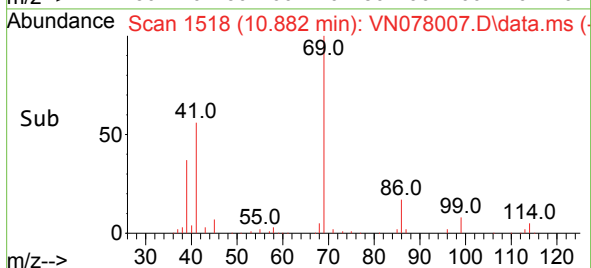
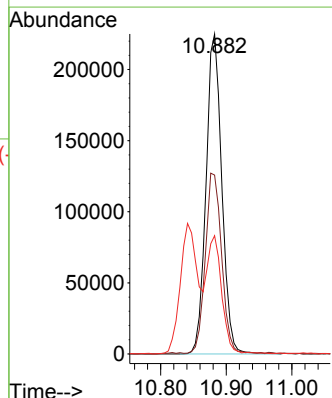
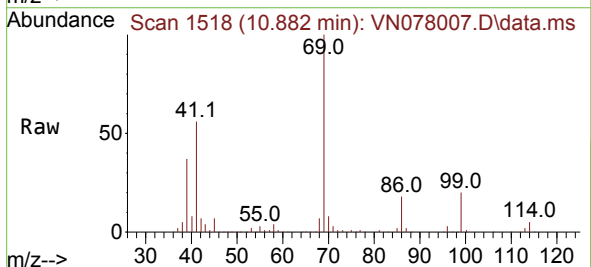
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

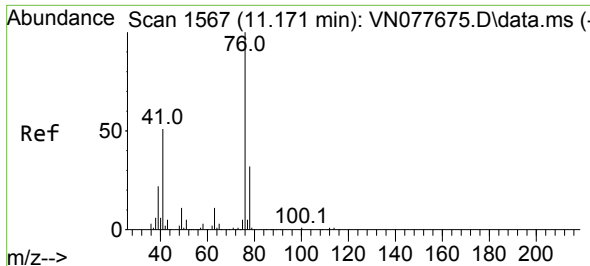
Tgt Ion:	97	Resp:	258424
Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.1	97.7
85	54.8	43.4	65.2
99	60.8	49.2	73.8



#56
Ethyl methacrylate
Concen: 57.361 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion:	69	Resp:	376561
Ion	Ratio	Lower	Upper
69	100		
41	57.9	39.6	59.4
39	34.1	28.6	43.0

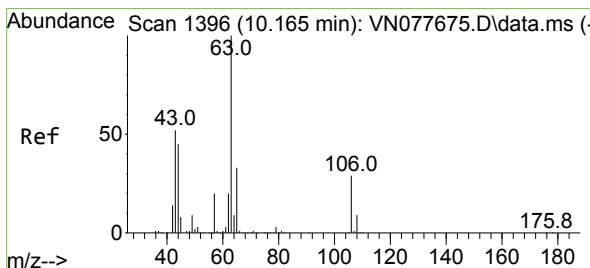
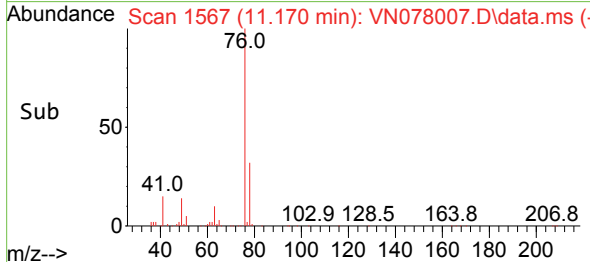
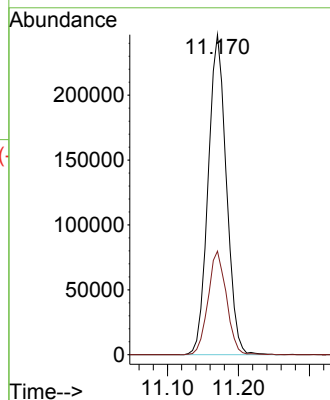
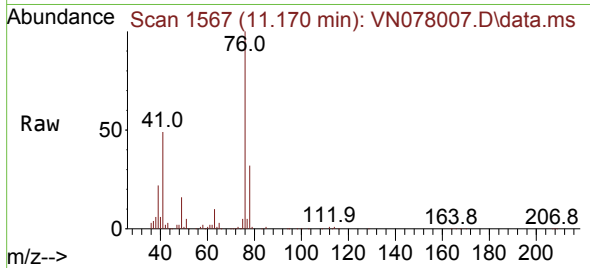




#57
1,3-Dichloropropane
Concen: 59.070 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

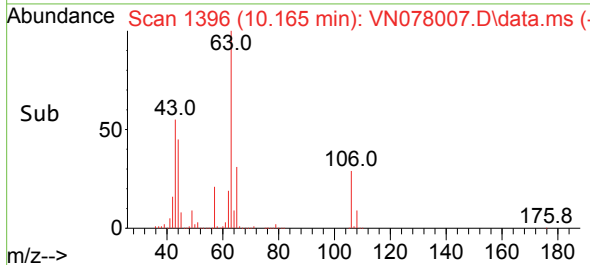
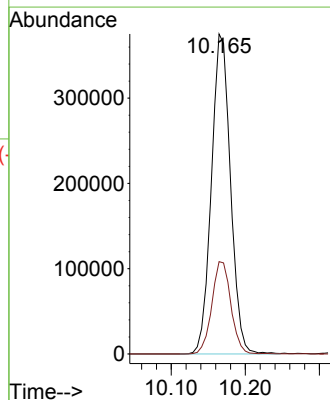
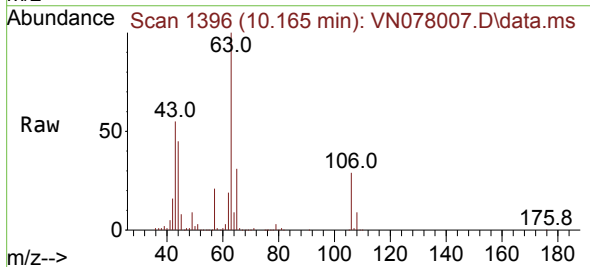
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

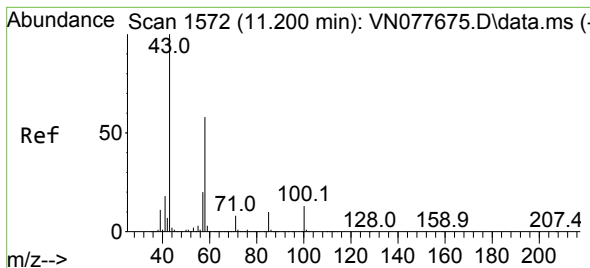
Tgt Ion: 76 Resp: 439668
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 207.548 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 63 Resp: 670293
Ion Ratio Lower Upper
63 100
106 28.9 26.2 39.4

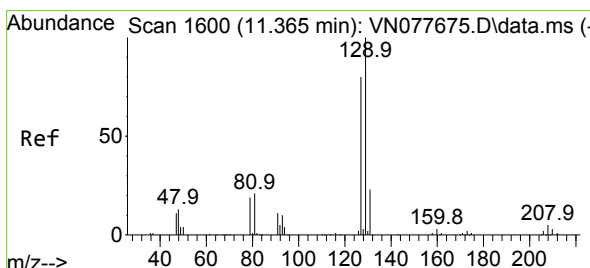
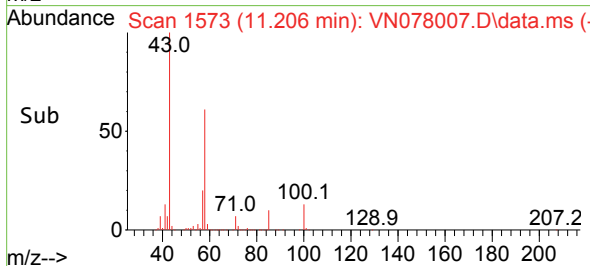
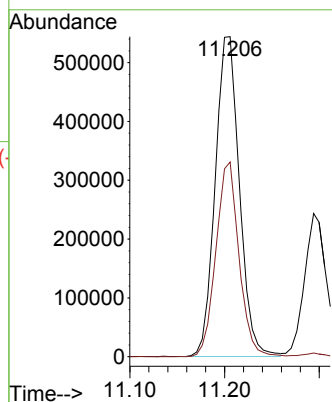
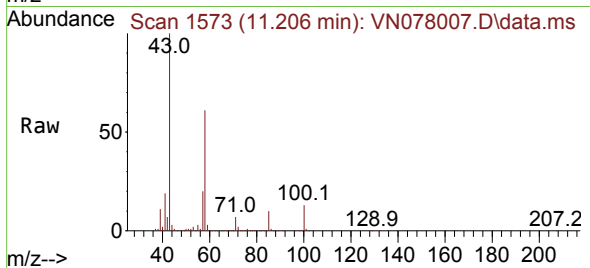




#59
2-Hexanone
Concen: 254.051 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

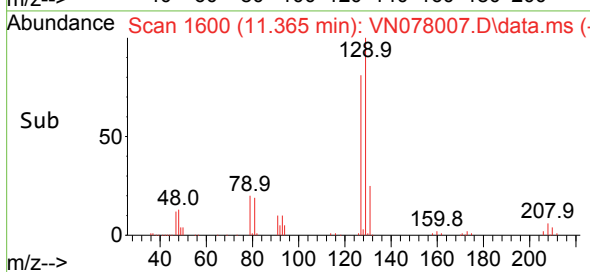
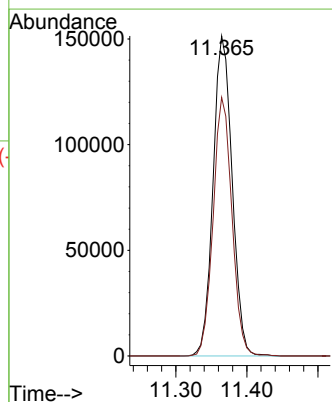
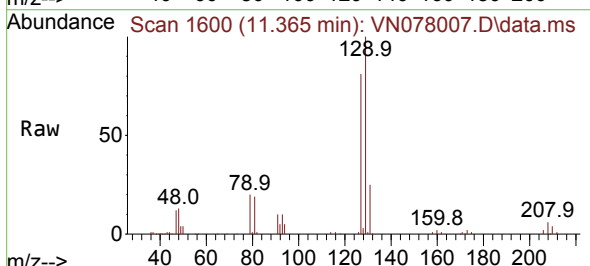
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

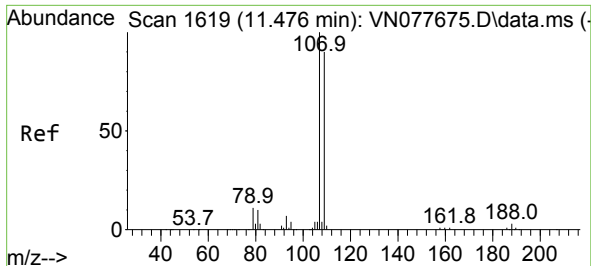
Tgt Ion: 43 Resp: 967899
Ion Ratio Lower Upper
43 100
58 58.0 31.7 95.1



#60
Dibromochloromethane
Concen: 62.887 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 129 Resp: 281871
Ion Ratio Lower Upper
129 100
127 79.7 38.6 116.0

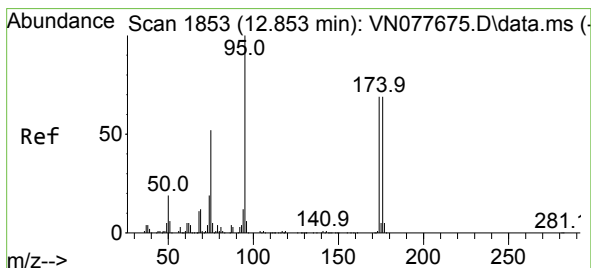
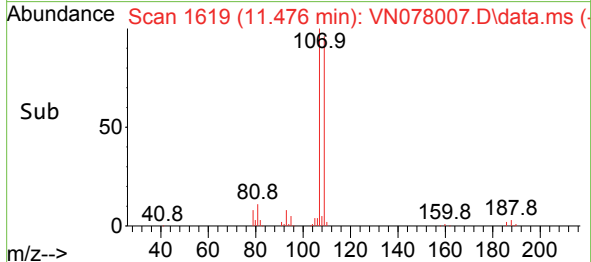
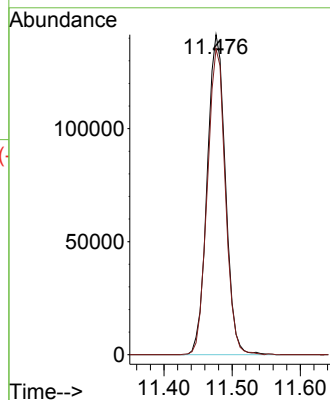
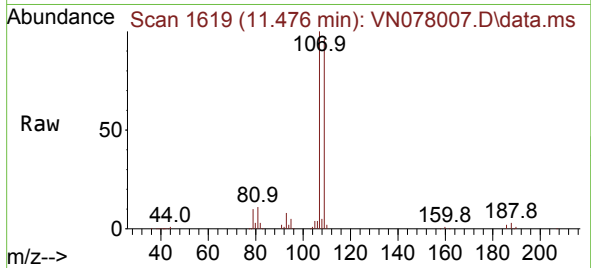




#61
1,2-Dibromoethane
Concen: 60.818 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

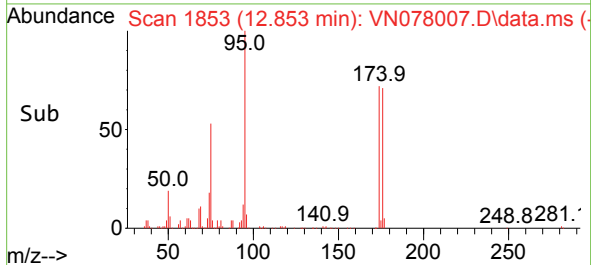
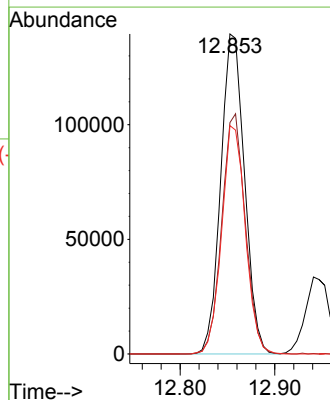
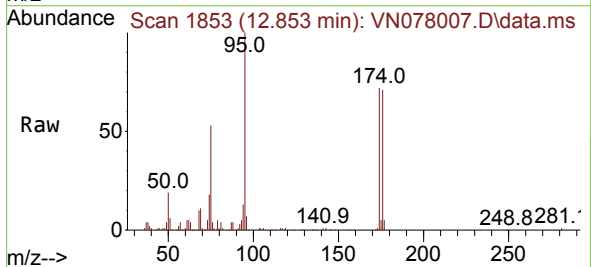
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

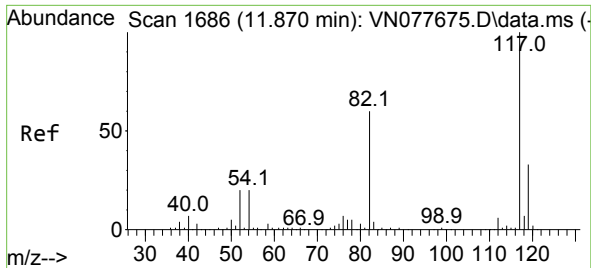
Tgt Ion:107 Resp: 263427
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 44.146 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 95 Resp: 244212
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.0 0.0 135.8

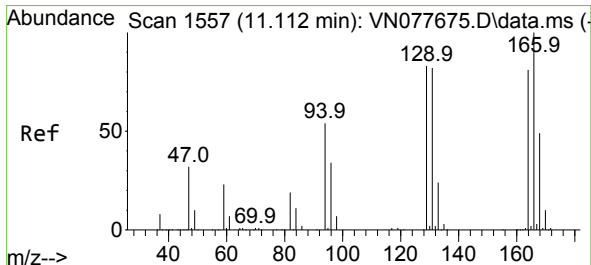
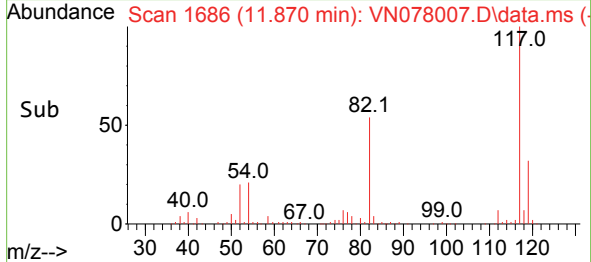
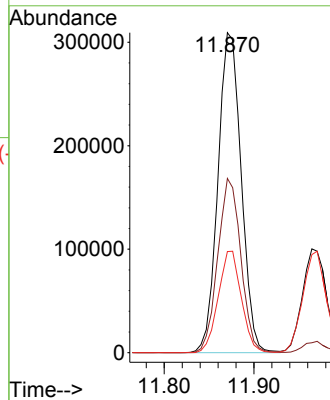
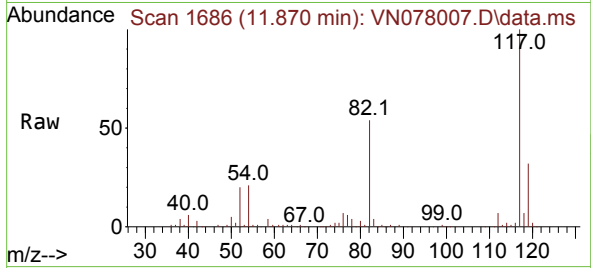




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

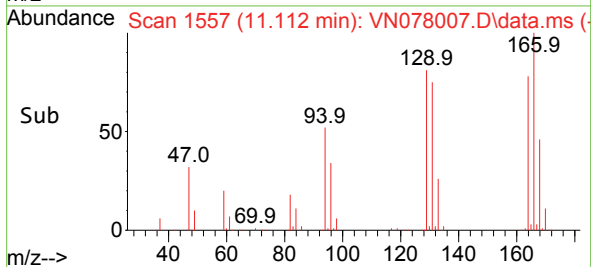
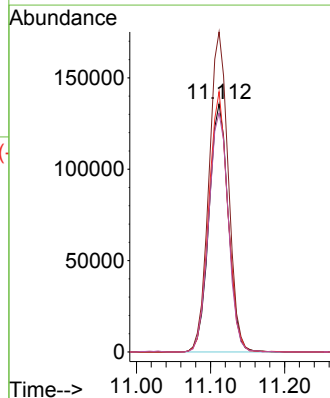
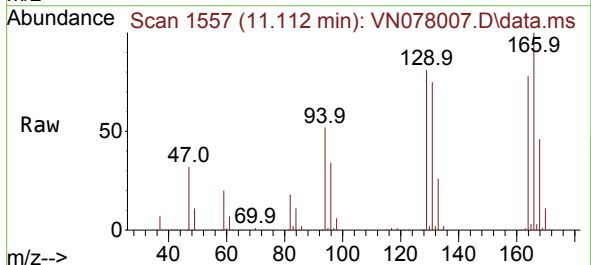
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

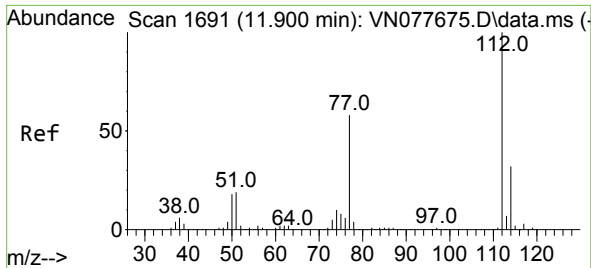
Tgt Ion:117 Resp: 557501
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 62.966 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion:164 Resp: 245487
Ion Ratio Lower Upper
164 100
166 128.9 101.4 152.0
129 104.9 82.4 123.6
131 96.3 78.2 117.4

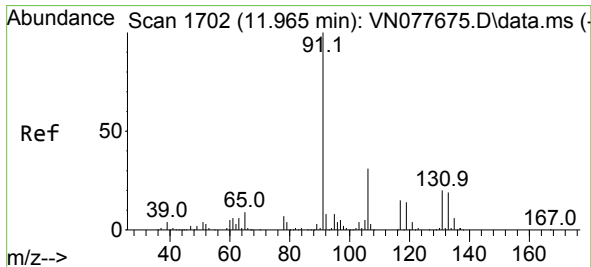
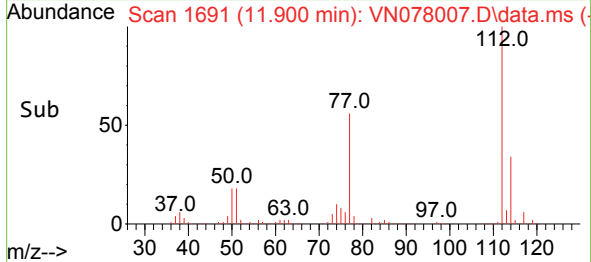
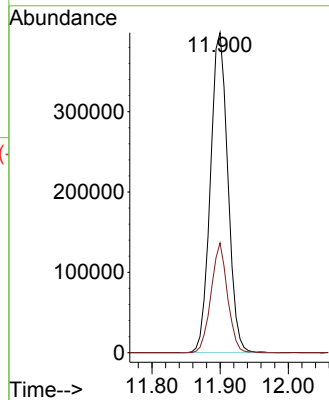
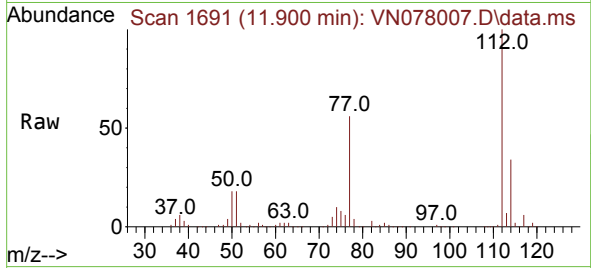




#65
Chlorobenzene
Concen: 58.731 ug/l
RT: 11.900 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

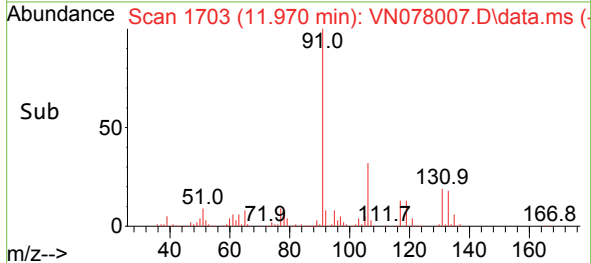
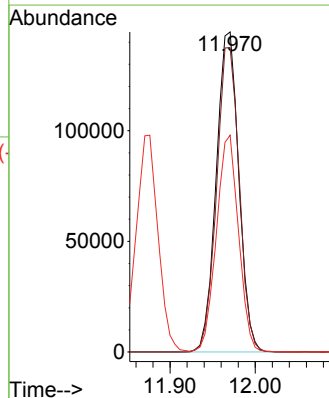
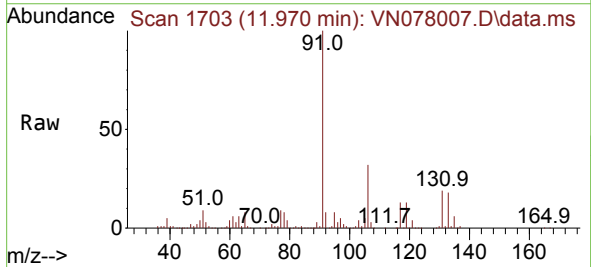
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

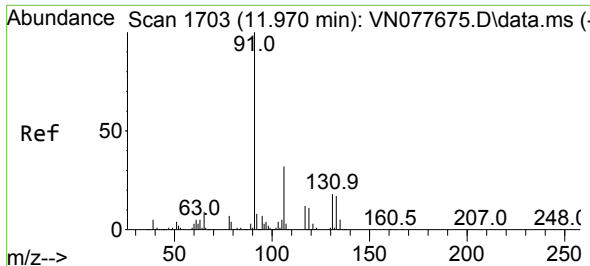
Tgt Ion:112 Resp: 709818
Ion Ratio Lower Upper
112 100
114 34.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 63.637 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion:131 Resp: 266124
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 66.6 34.1 102.2





#67

Ethyl Benzene

Concen: 58.505 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

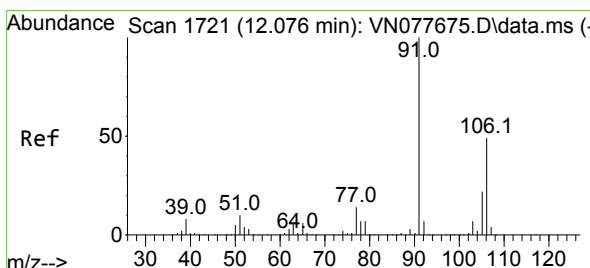
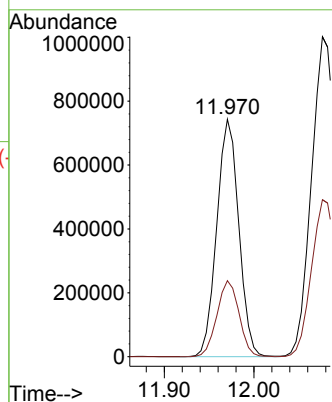
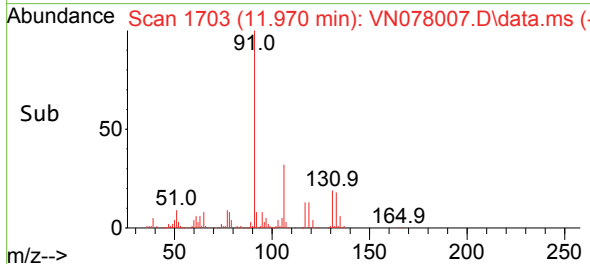
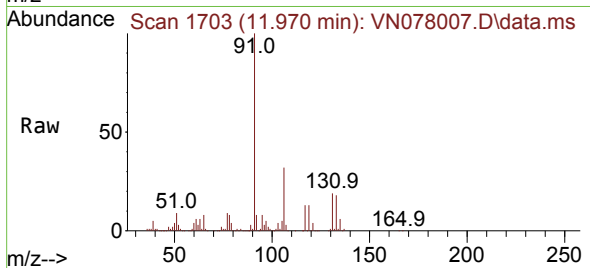
VSTDCCC050

Tgt Ion: 91 Resp: 1267127

Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4



#68

m/p-Xylenes

Concen: 118.147 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078007.D

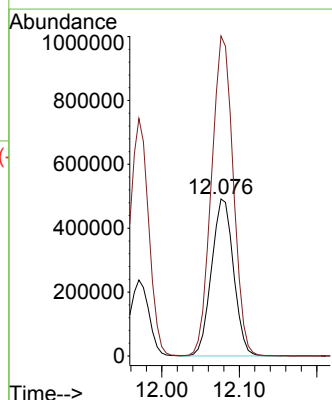
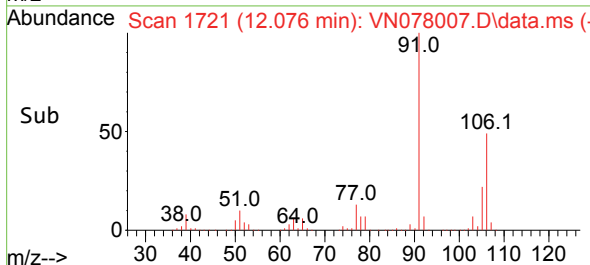
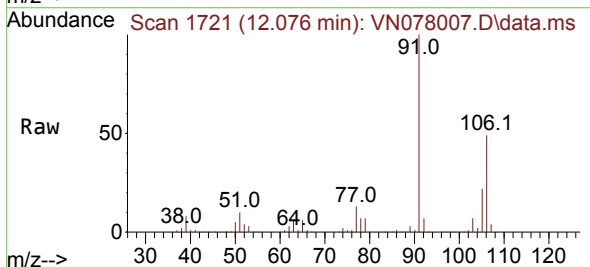
Acq: 01 Jun 2023 12:17

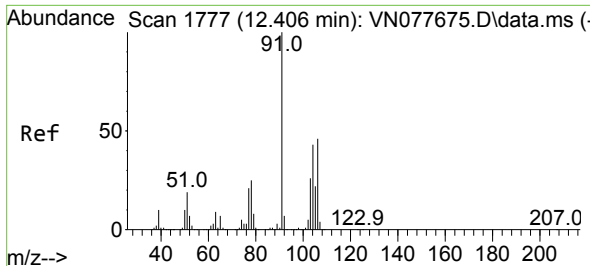
Tgt Ion:106 Resp: 969596

Ion Ratio Lower Upper

106 100

91 201.7 159.6 239.4

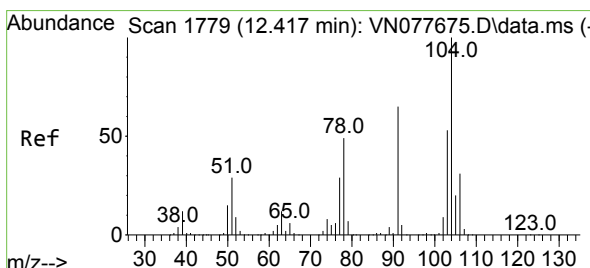
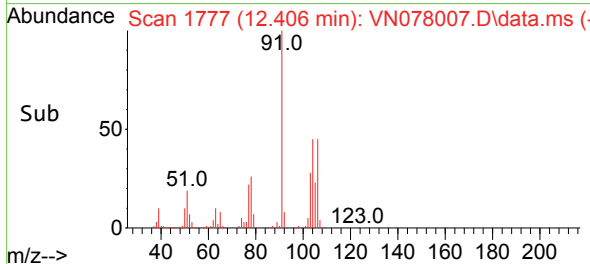
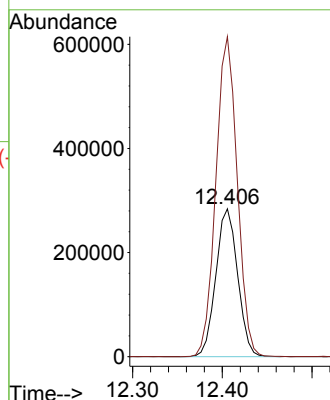
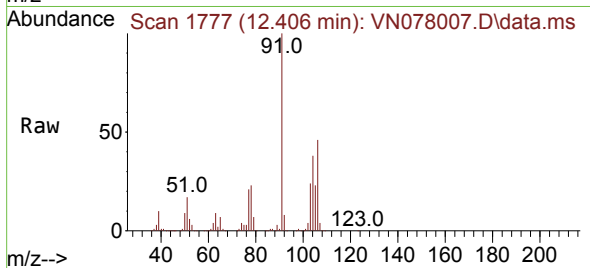




#69
o-Xylene
Concen: 59.345 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

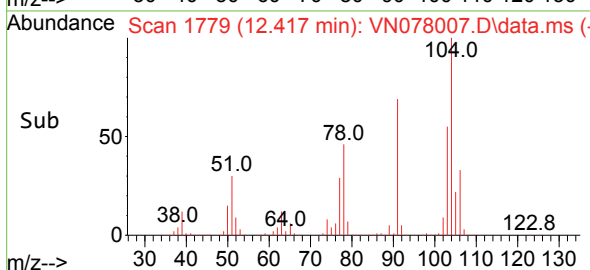
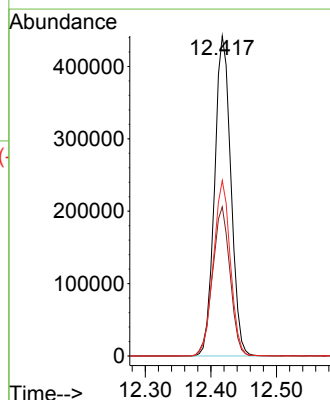
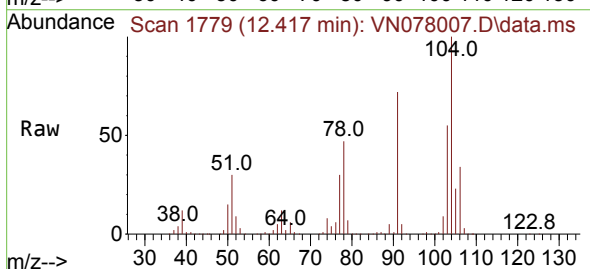
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

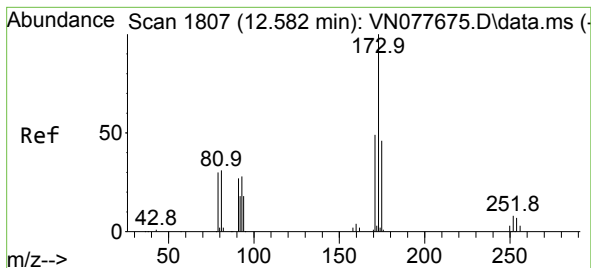
Tgt Ion:106 Resp: 478964
Ion Ratio Lower Upper
106 100
91 212.7 105.2 315.5



#70
Styrene
Concen: 59.504 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion:104 Resp: 762898
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 56.9 43.2 64.8





#71

Bromoform

Concen: 63.976 ug/l

RT: 12.588 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

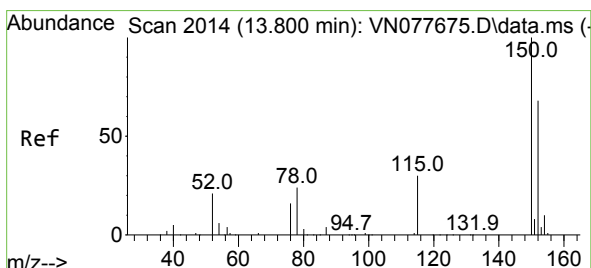
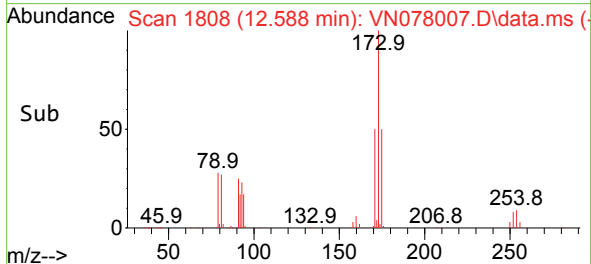
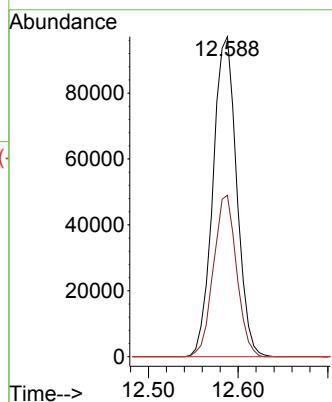
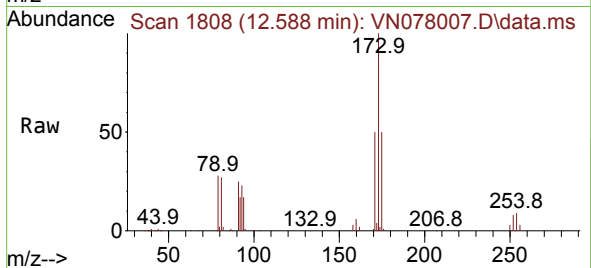
Tgt Ion:173 Resp: 177976

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

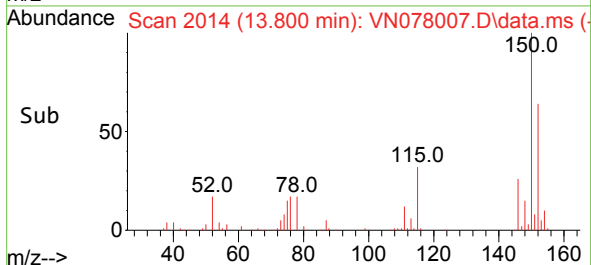
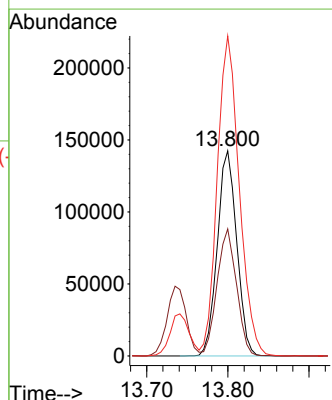
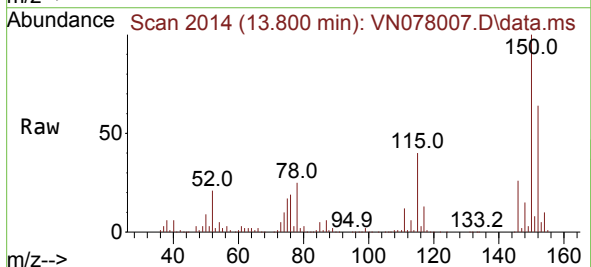
Tgt Ion:152 Resp: 237347

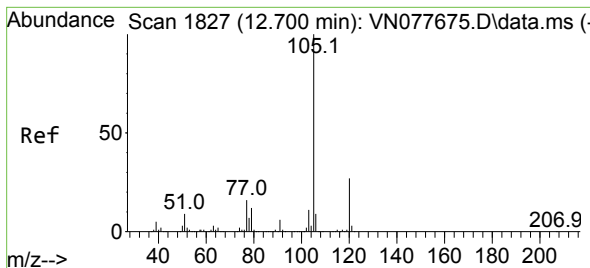
Ion Ratio Lower Upper

152 100

115 62.2 32.3 96.8

150 176.2 0.0 355.8





#73

Isopropylbenzene

Concen: 60.633 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

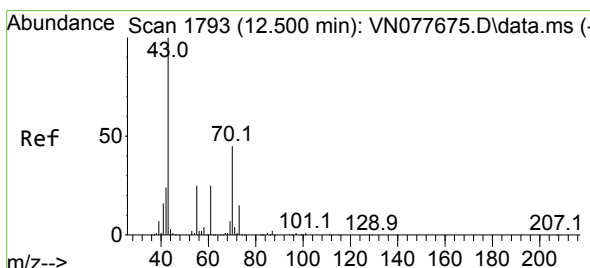
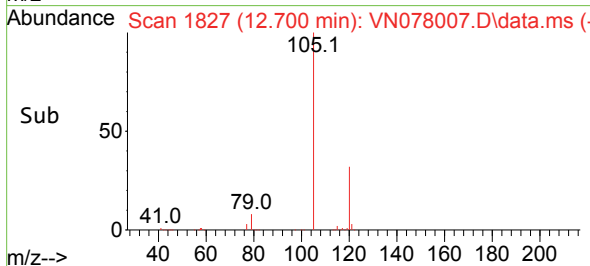
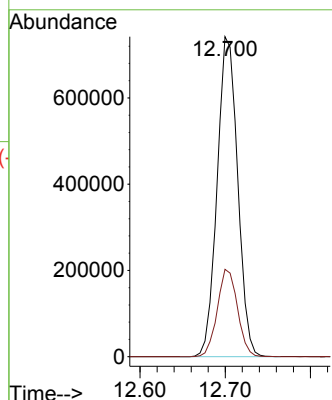
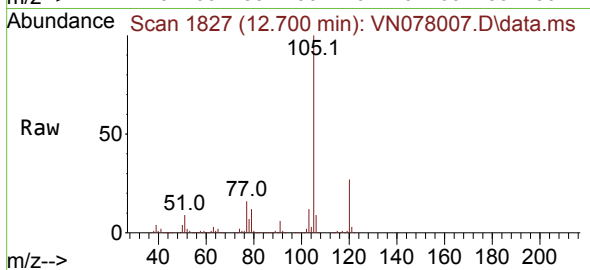
VSTDCCC050

Tgt Ion:105 Resp: 1240519

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.1



#74

N-ethyl acetate

Concen: 50.003 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Tgt Ion: 43 Resp: 378139

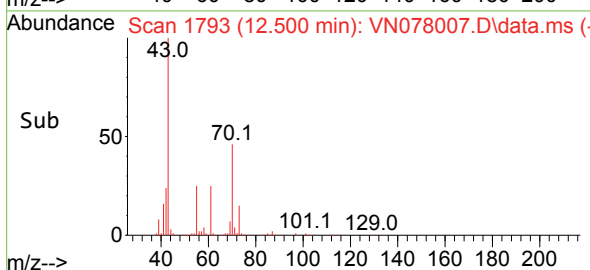
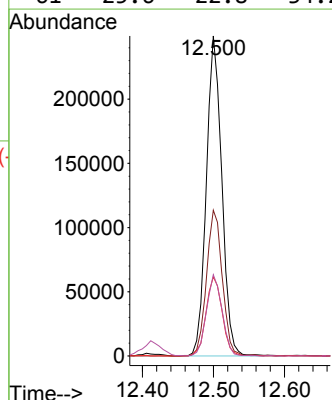
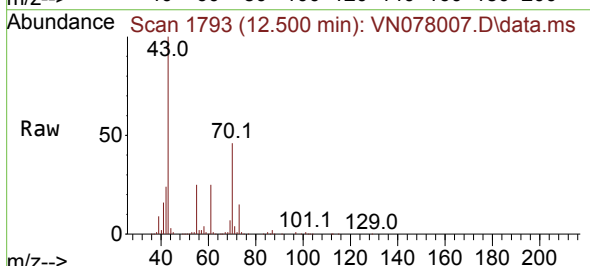
Ion Ratio Lower Upper

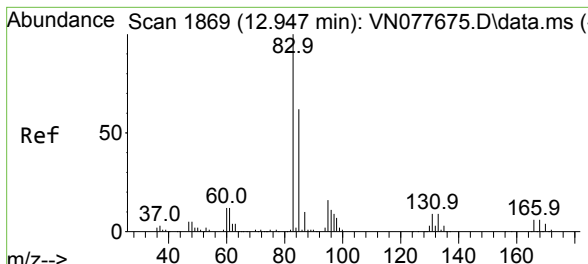
43 100

70 46.4 43.4 65.2

55 25.7 21.4 32.0

61 25.6 22.8 34.2

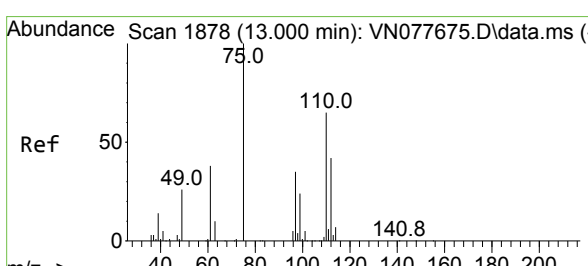
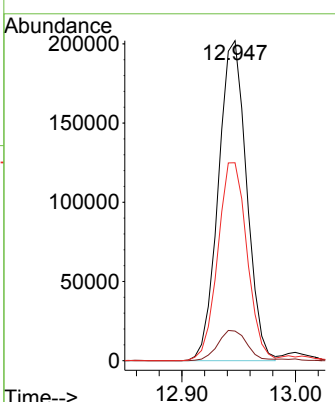
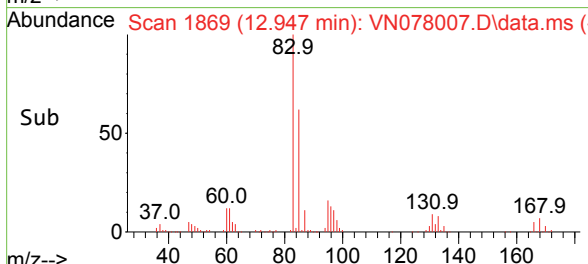
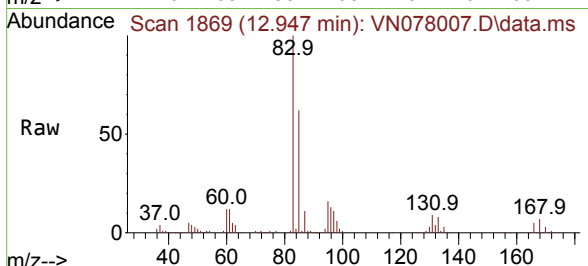




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.530 ug/l
 RT: 12.947 min Scan# 1869
 Delta R.T. -0.000 min
 Lab File: VN078007.D
 Acq: 01 Jun 2023 12:17

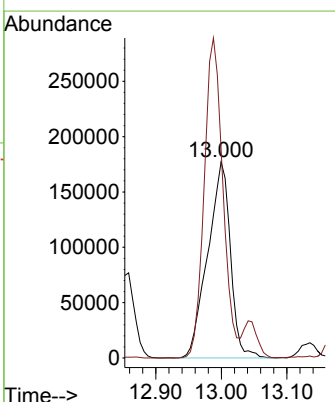
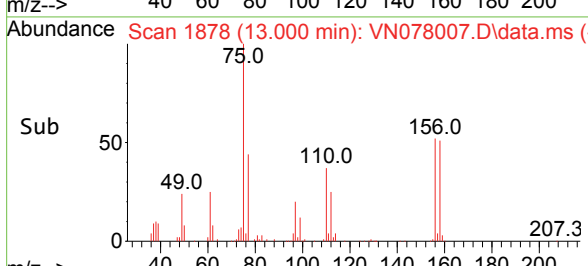
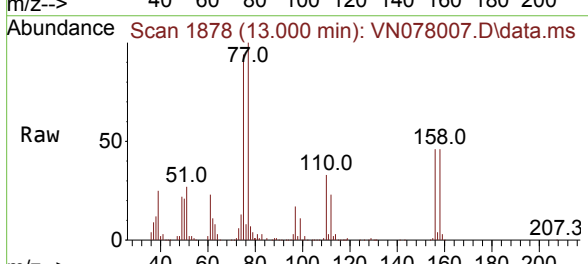
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

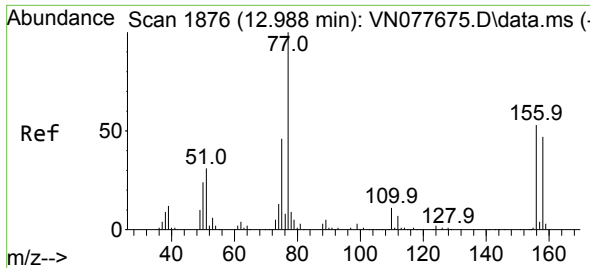
Tgt Ion:	83	Resp:	349513
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	64.2	31.9	95.7



#76
 1,2,3-Trichloropropane
 Concen: 71.503 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078007.D
 Acq: 01 Jun 2023 12:17

Tgt Ion:	75	Resp:	425015
Ion Ratio	Lower	Upper	
75	100		
77	135.4	84.5	253.5

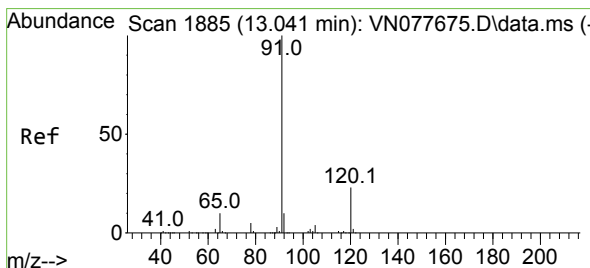
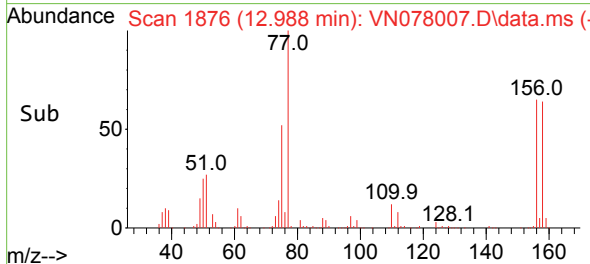
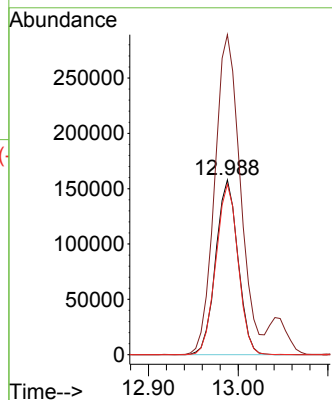
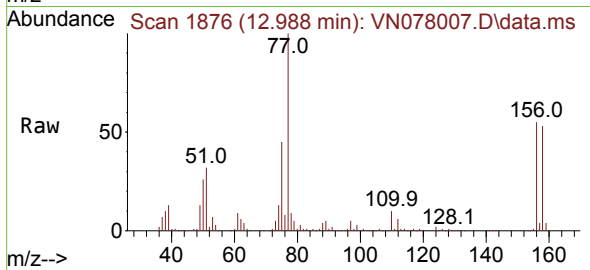




#77
Bromobenzene
Concen: 58.178 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

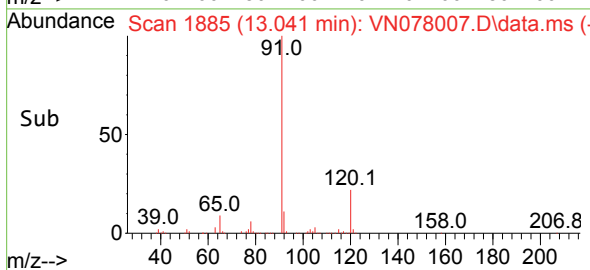
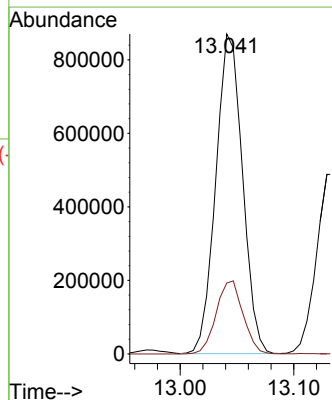
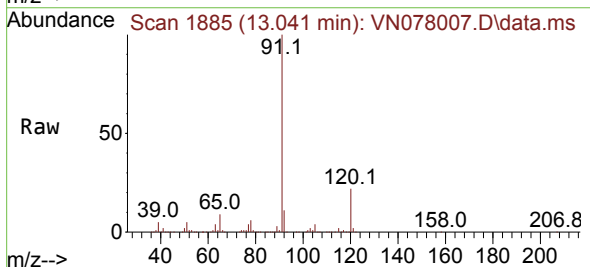
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

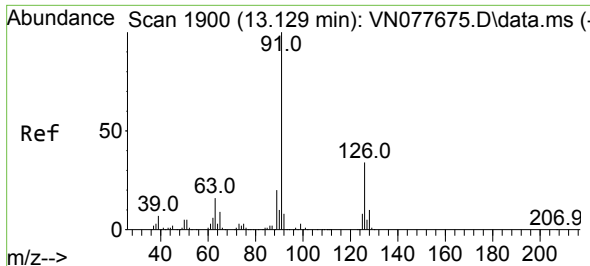
Tgt Ion:156 Resp: 271630
Ion Ratio Lower Upper
156 100
77 211.8 107.7 323.3
158 97.4 48.4 145.3



#78
n-propylbenzene
Concen: 58.912 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 91 Resp: 1420982
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

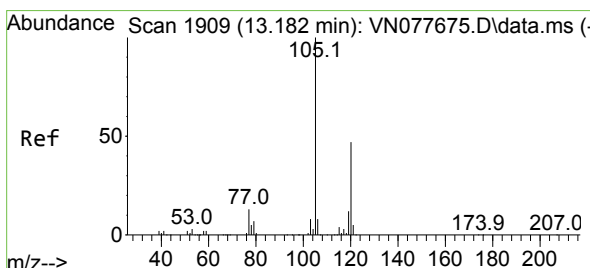
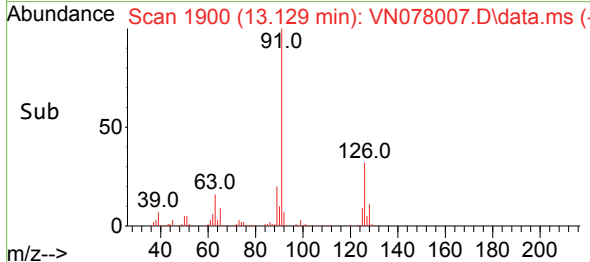
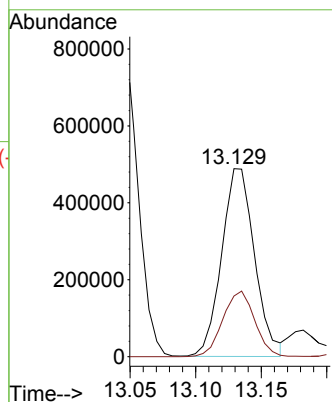
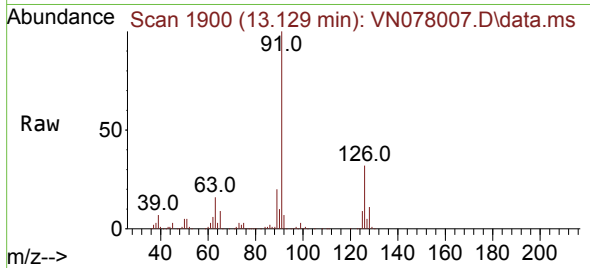




#79
2-Chlorotoluene
Concen: 59.338 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

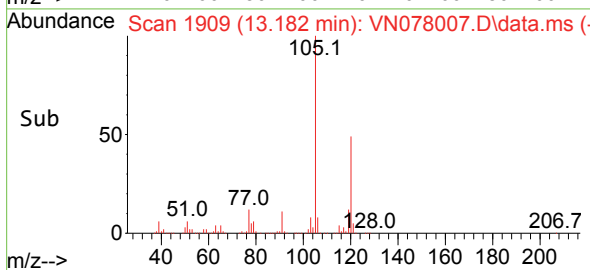
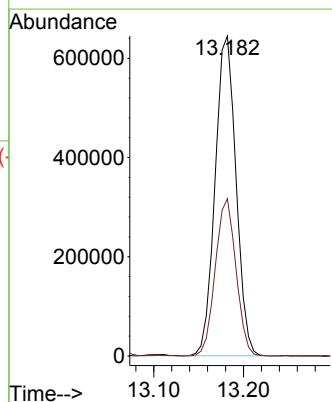
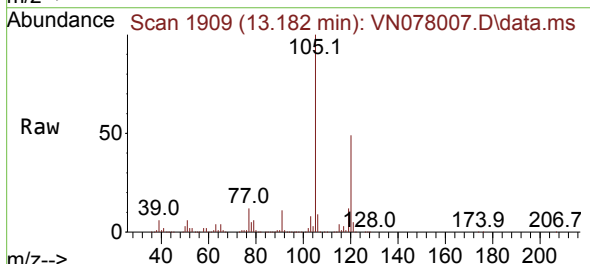
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

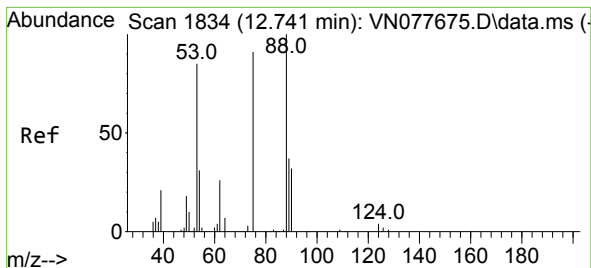
Tgt Ion: 91 Resp: 854055
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 60.683 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 105 Resp: 1043464
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3

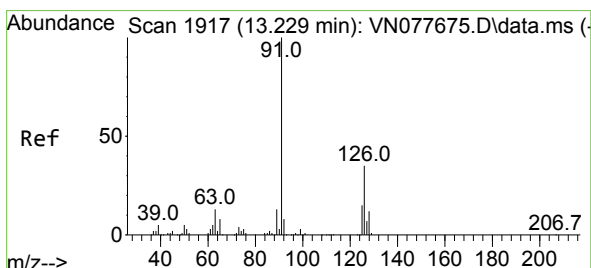
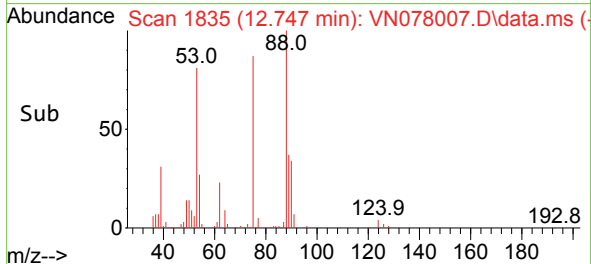
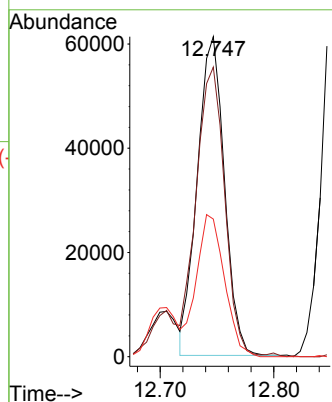
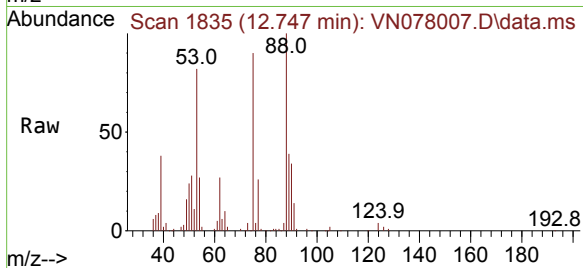




#81
trans-1,4-Dichloro-2-butene
Concen: 54.542 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

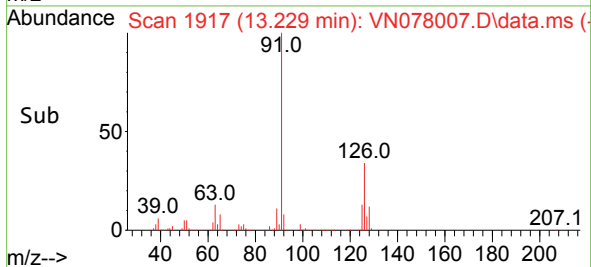
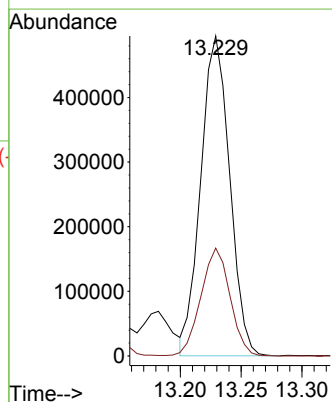
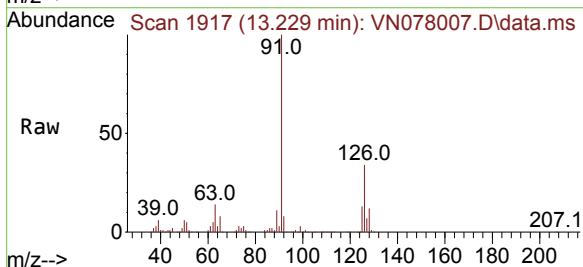
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

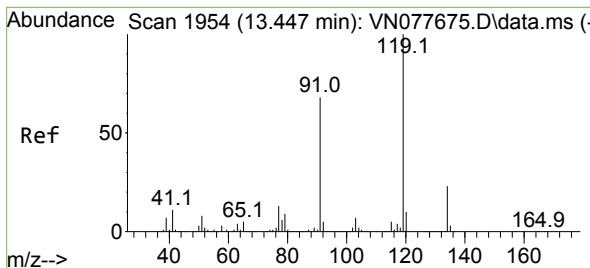
Tgt Ion: 75 Resp: 101423
Ion Ratio Lower Upper
75 100
53 94.3 67.4 101.2
89 46.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 57.026 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

Tgt Ion: 91 Resp: 816642
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 59.127 ug/l

RT: 13.447 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

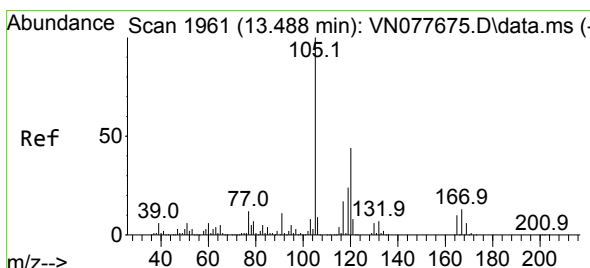
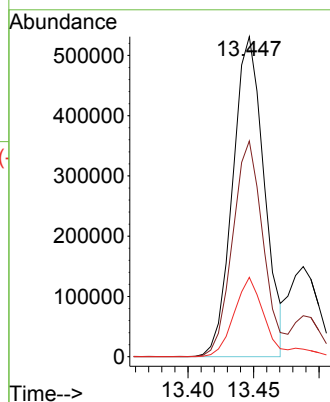
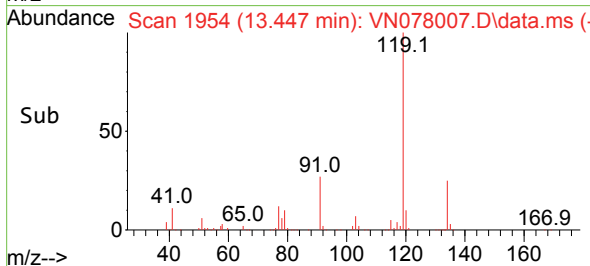
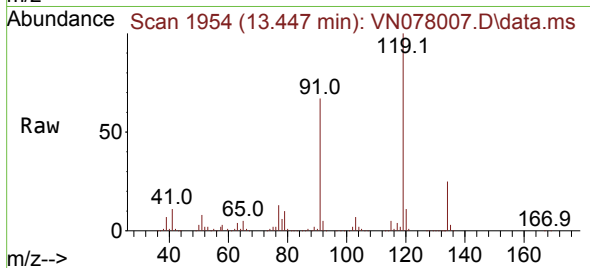
Tgt Ion:119 Resp: 887573

Ion Ratio Lower Upper

119 100

91 66.4 33.9 101.7

134 23.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 60.754 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078007.D

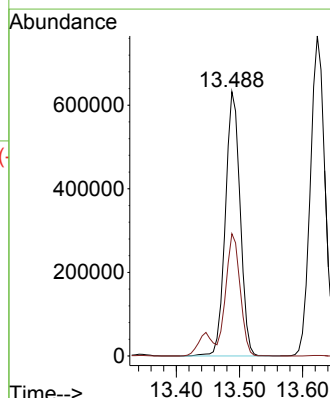
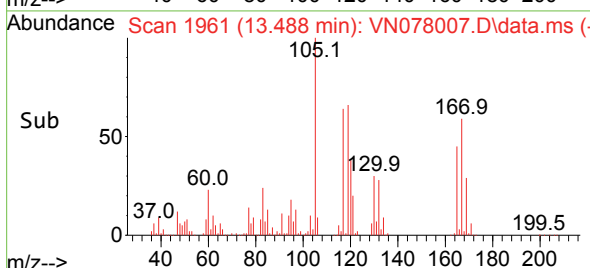
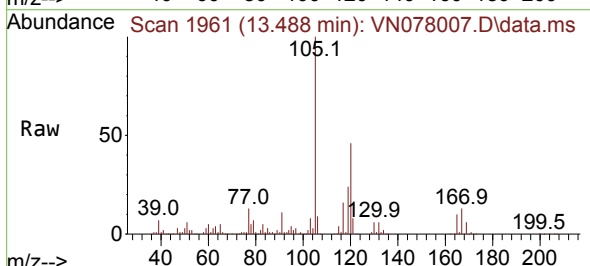
Acq: 01 Jun 2023 12:17

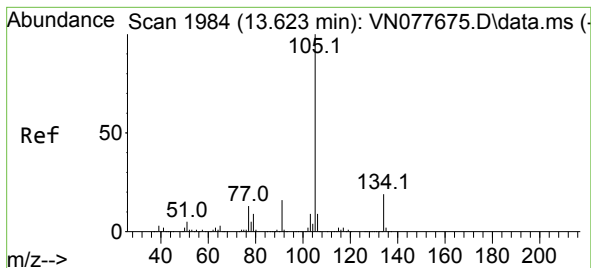
Tgt Ion:105 Resp: 1027439

Ion Ratio Lower Upper

105 100

120 44.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 57.429 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

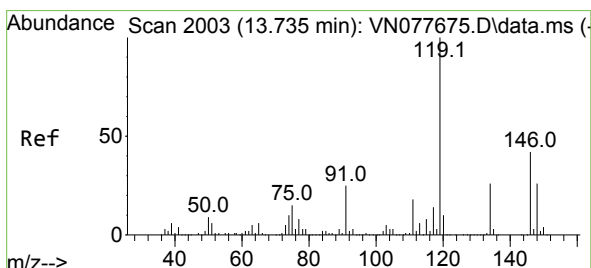
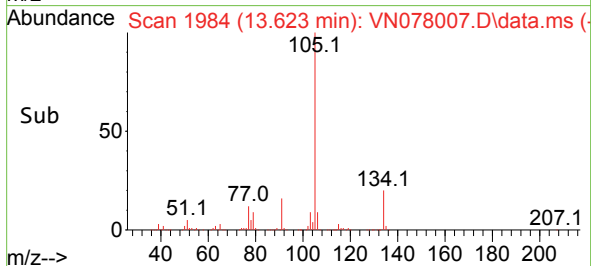
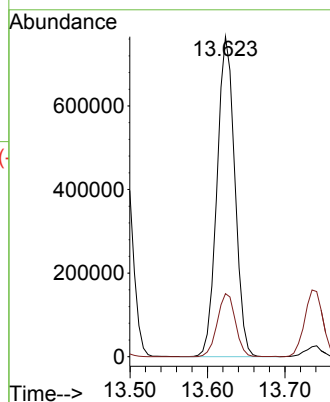
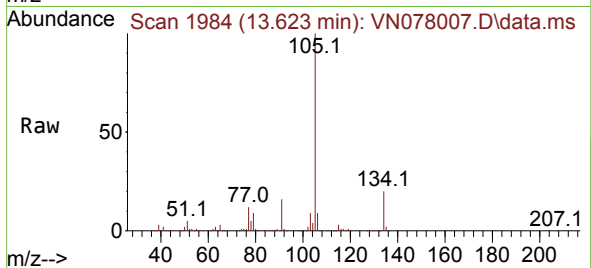
VSTDCCC050

Tgt Ion:105 Resp: 1225190

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 60.053 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

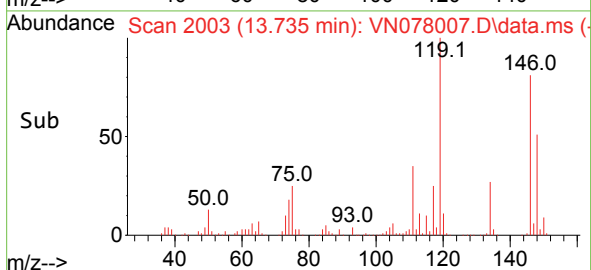
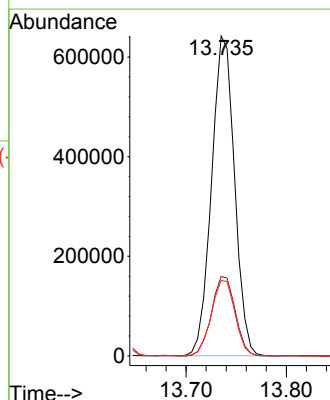
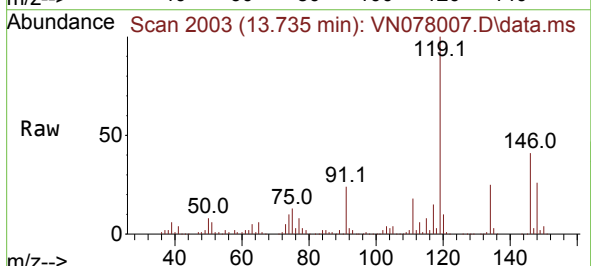
Tgt Ion:119 Resp: 1021387

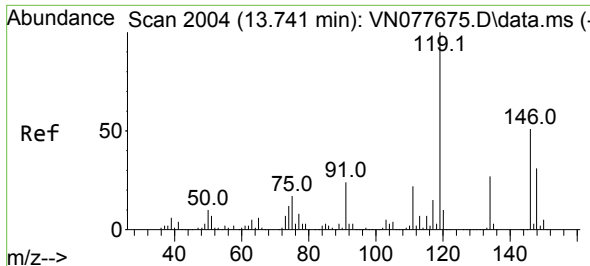
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

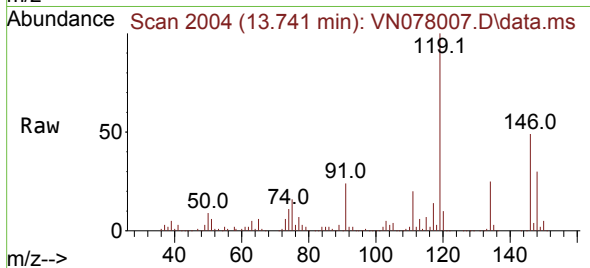
91 24.3 12.4 37.2



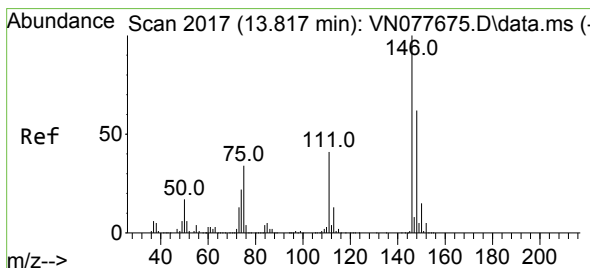
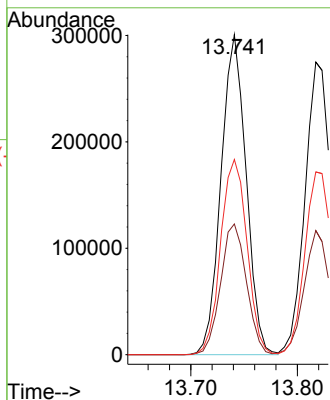
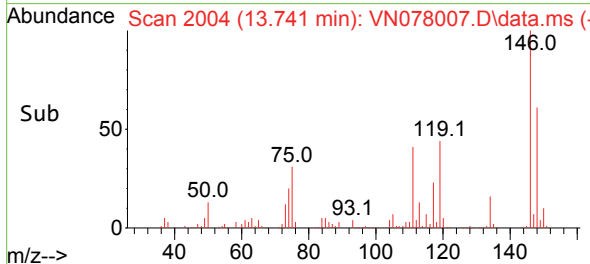


#87
1,3-Dichlorobenzene
Concen: 57.037 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17

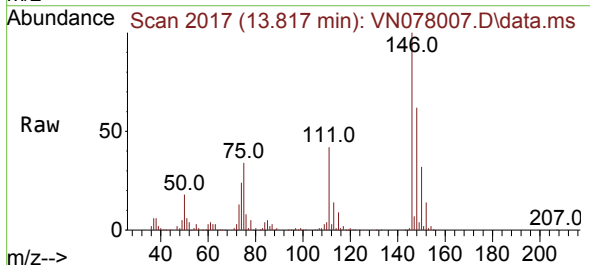
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



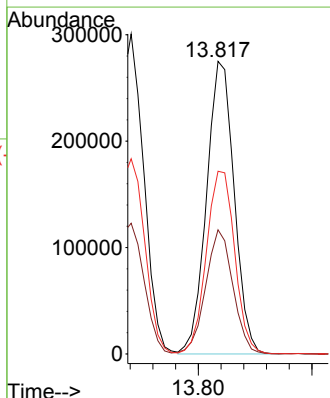
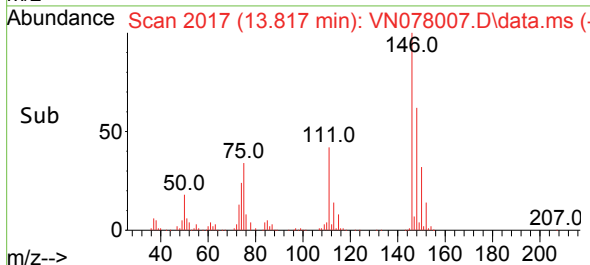
Tgt Ion:146 Resp: 492488
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.3
148 64.1 32.0 96.0

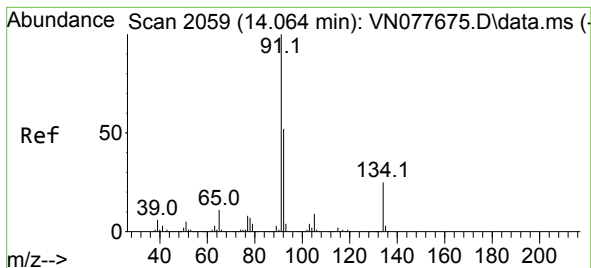


#88
1,4-Dichlorobenzene
Concen: 54.311 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078007.D
Acq: 01 Jun 2023 12:17



Tgt Ion:146 Resp: 465349
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.8
148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 52.483 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

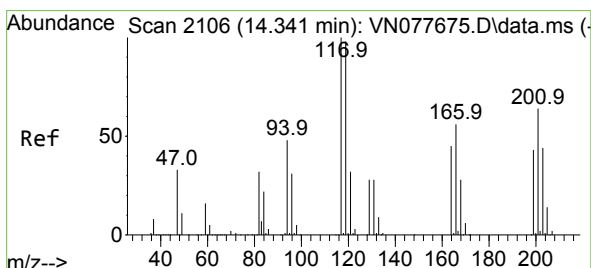
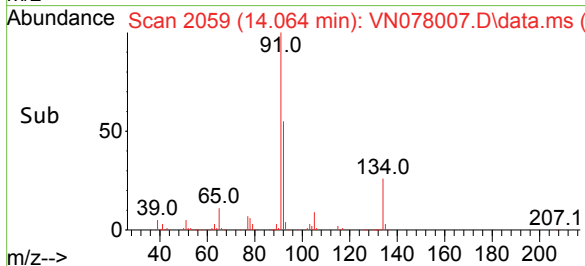
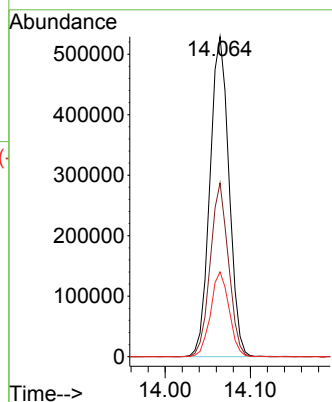
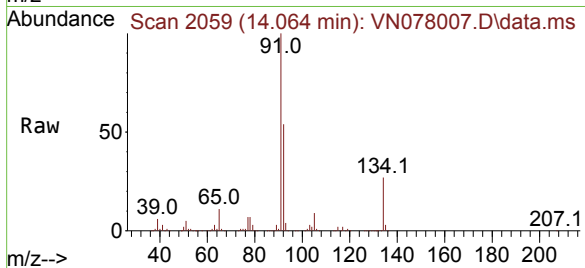
Tgt Ion: 91 Resp: 821017

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

134 25.7 12.6 37.6



#90

Hexachloroethane

Concen: 63.175 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078007.D

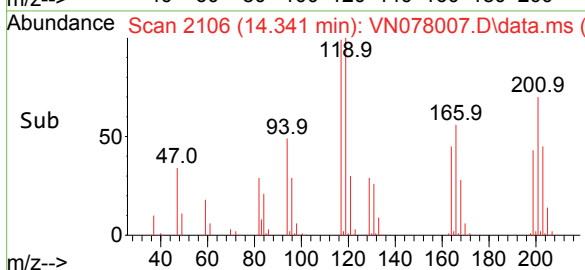
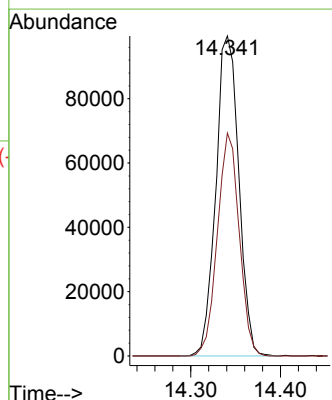
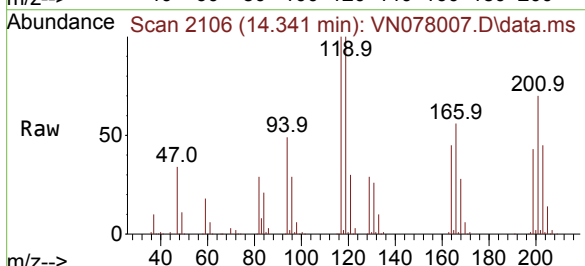
Acq: 01 Jun 2023 12:17

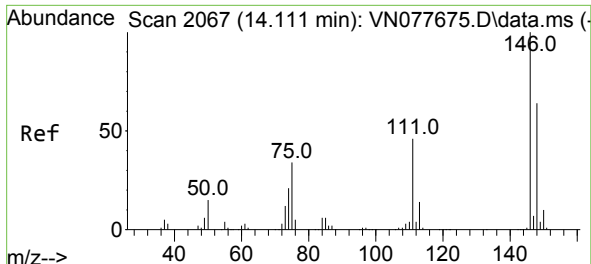
Tgt Ion: 117 Resp: 176514

Ion Ratio Lower Upper

117 100

201 66.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 59.974 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

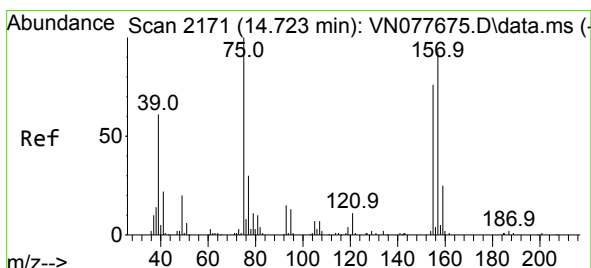
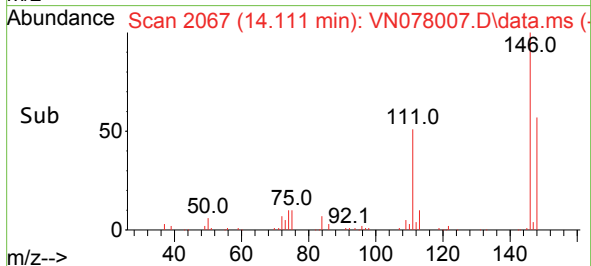
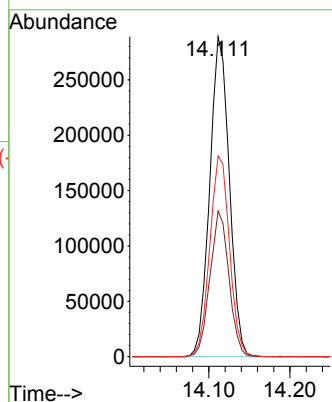
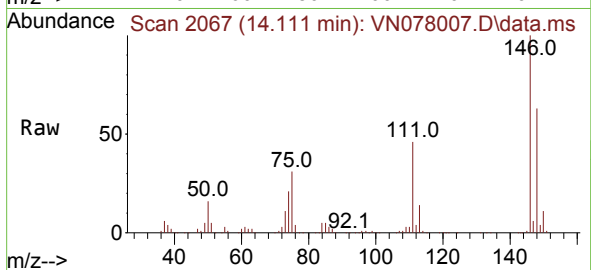
Tgt Ion:146 Resp: 483773

Ion Ratio Lower Upper

146 100

111 44.1 22.0 66.0

148 63.2 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.224 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

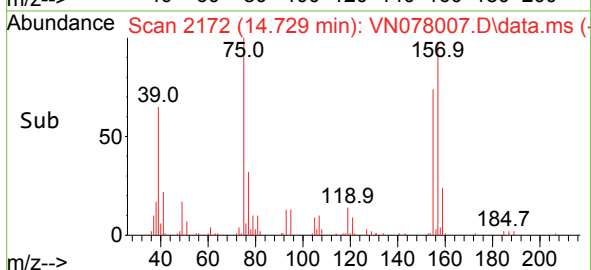
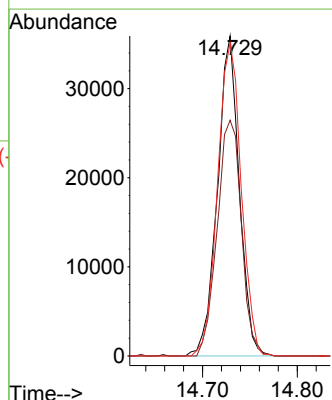
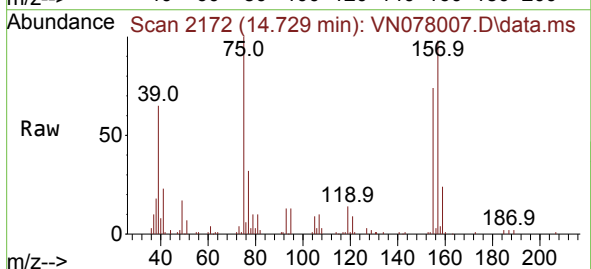
Tgt Ion: 75 Resp: 57545

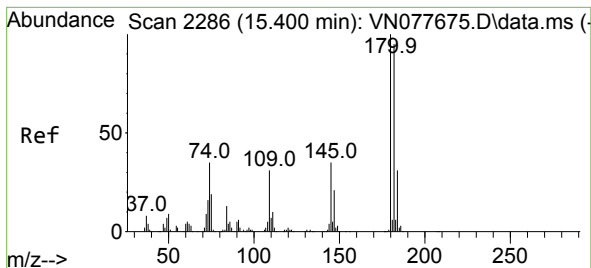
Ion Ratio Lower Upper

75 100

155 81.6 39.1 117.2

157 105.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 42.456 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

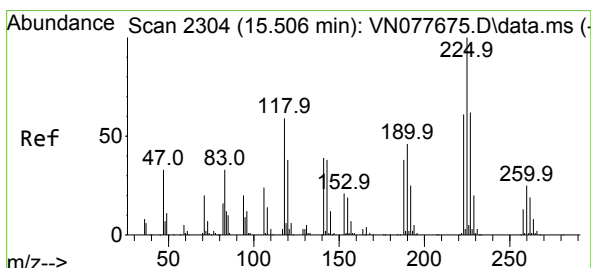
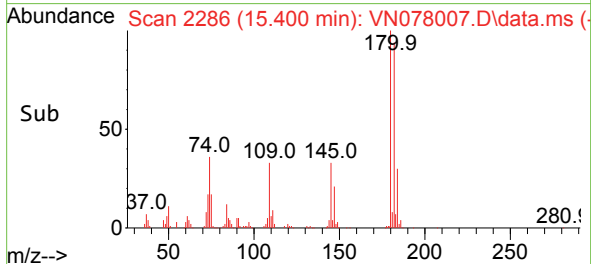
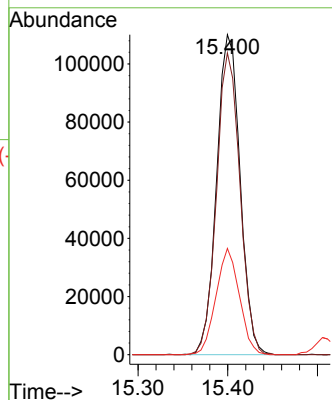
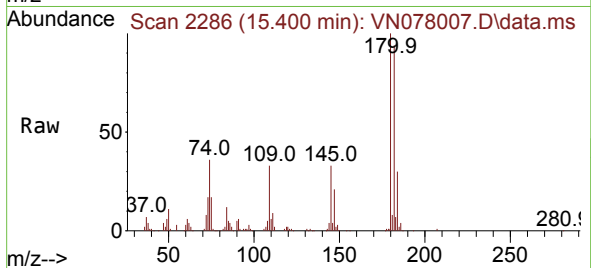
Tgt Ion:180 Resp: 200132

Ion Ratio Lower Upper

180 100

182 94.1 46.1 138.2

145 33.0 16.6 49.8



#94

Hexachlorobutadiene

Concen: 48.441 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

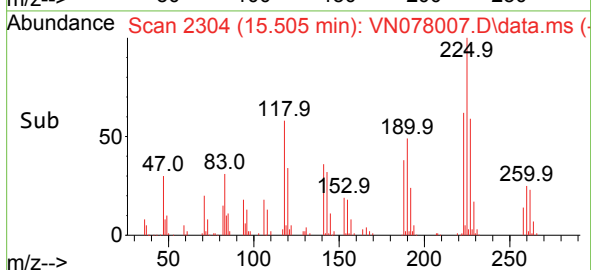
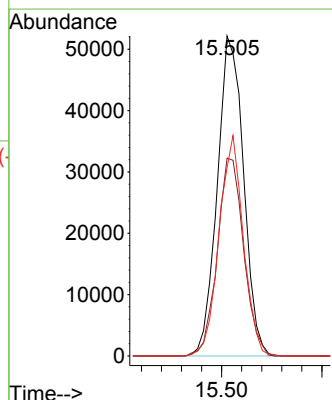
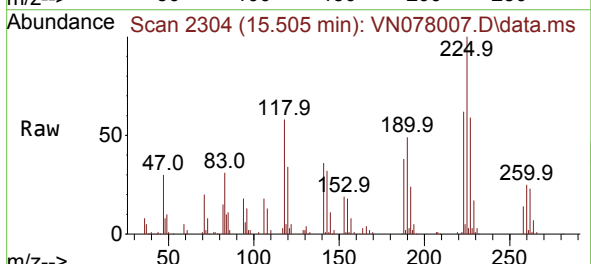
Tgt Ion:225 Resp: 94808

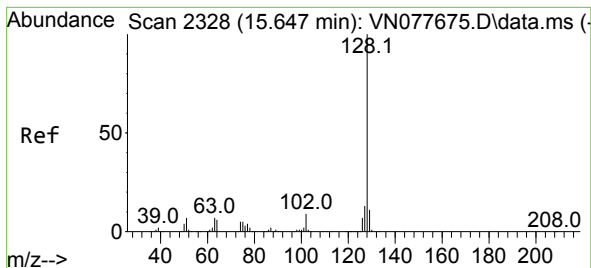
Ion Ratio Lower Upper

225 100

223 62.1 31.3 93.8

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 37.455 ug/l

RT: 15.652 min Scan# 2329

Delta R.T. 0.005 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

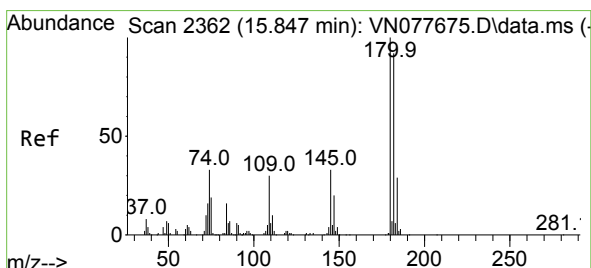
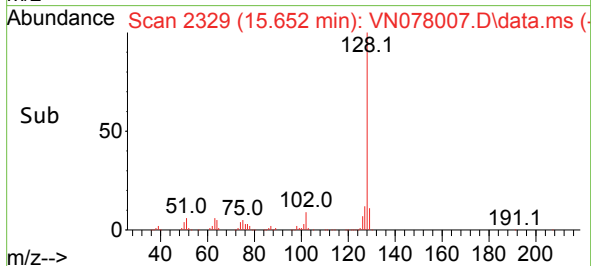
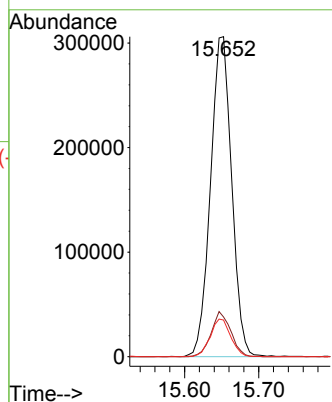
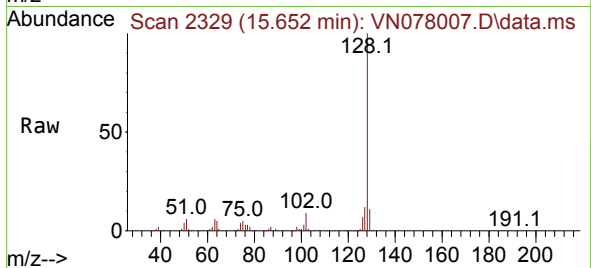
Tgt Ion:128 Resp: 607705

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.714 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078007.D

Acq: 01 Jun 2023 12:17

Tgt Ion:180 Resp: 206368

Ion Ratio Lower Upper

180 100

182 96.9 46.2 138.6

145 35.8 17.5 52.6

