

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078710.D
 Acq On : 31 Jul 2023 17:12
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 01 01:20:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	718739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1213562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1080325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	457285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	519485	53.914	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.820%	
35) Dibromofluoromethane	8.177	113	461733	56.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.100%	
50) Toluene-d8	10.571	98	1662394	53.417	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	12.853	95	579222	60.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 120.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	495506	56.230	ug/l	96
3) Chloromethane	2.371	50	538795	56.254	ug/l	97
4) Vinyl Chloride	2.518	62	895211	72.252	ug/l	96
5) Bromomethane	2.936	94	330415	41.296	ug/l	98
6) Chloroethane	3.112	64	335970	44.619	ug/l	96
7) Trichlorofluoromethane	3.500	101	816844	55.151	ug/l	100
8) Diethyl Ether	3.971	74	296609	60.108	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.383	101	445935	56.877	ug/l	95
10) Methyl Iodide	4.600	142	617085	57.276	ug/l	100
11) Tert butyl alcohol	5.536	59	430919	290.022	ug/l	99
12) 1,1-Dichloroethene	4.347	96	439795	57.990	ug/l	94
13) Acrolein	4.189	56	420055	287.346	ug/l	97
14) Allyl chloride	5.030	41	620612	59.887	ug/l	93
15) Acrylonitrile	5.730	53	1179207	314.112	ug/l	99
16) Acetone	4.442	43	931071	310.207	ug/l	99
17) Carbon Disulfide	4.724	76	1157779	52.794	ug/l	100
18) Methyl Acetate	5.036	43	780189	61.404	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	1498782	59.980	ug/l	96
20) Methylene Chloride	5.283	84	528972	61.728	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	486378	56.911	ug/l	85
22) Diisopropyl ether	6.683	45	1487343	64.097	ug/l #	90
23) Vinyl Acetate	6.618	43	4635471	314.228	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	929283	59.433	ug/l	98
25) 2-Butanone	7.494	43	1474234	312.028	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	781827	61.135	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	572490	57.906	ug/l	92
28) Bromochloromethane	7.824	49	417416	56.679	ug/l	90
29) Tetrahydrofuran	7.847	42	960008	309.662	ug/l #	84
30) Chloroform	7.977	83	955404	58.691	ug/l	95
31) Cyclohexane	8.265	56	739218	56.767	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	833236	57.091	ug/l	98
36) 1,1-Dichloropropene	8.382	75	694042	58.347	ug/l	97
37) Ethyl Acetate	7.571	43	607536	61.269	ug/l	95
38) Carbon Tetrachloride	8.371	117	742863	57.462	ug/l	98
39) Methylcyclohexane	9.606	83	668745	61.592	ug/l	90
40) Benzene	8.612	78	2134081	60.559	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	339431	67.148	ug/l	88
42) 1,2-Dichloroethane	8.677	62	688298	57.423	ug/l	99
43) Isopropyl Acetate	8.694	43	1140477	69.860	ug/l #	90
44) Trichloroethene	9.359	130	522066	54.967	ug/l	100
45) 1,2-Dichloropropane	9.629	63	557891	62.507	ug/l	97
46) Dibromomethane	9.718	93	365251	58.143	ug/l	91
47) Bromodichloromethane	9.894	83	752293	59.741	ug/l	96
48) Methyl methacrylate	9.688	41	476554	63.009	ug/l #	85
49) 1,4-Dioxane	9.700	88	192975	1169.961	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	3075458	316.717	ug/l	95
52) Toluene	10.635	92	1305899	59.792	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	807405	62.587	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	882632	64.185	ug/l	99
55) 1,1,2-Trichloroethane	11.023	97	514730	59.816	ug/l	97
56) Ethyl methacrylate	10.882	69	793018	65.925	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	884076	60.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1283484	299.401	ug/l	90
59) 2-Hexanone	11.200	43	2199398	318.693	ug/l	95
60) Dibromochloromethane	11.365	129	570795	60.084	ug/l	100
61) 1,2-Dibromoethane	11.476	107	526418	59.385	ug/l	97
64) Tetrachloroethene	11.106	164	425847	52.430	ug/l	98
65) Chlorobenzene	11.900	112	1372615	56.842	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	526247	56.649	ug/l	97
67) Ethyl Benzene	11.970	91	2475379	60.645	ug/l	98
68) m/p-Xylenes	12.076	106	1852615	122.758	ug/l	95
69) o-Xylene	12.406	106	910184	59.711	ug/l	96
70) Styrene	12.417	104	1477510	61.956	ug/l	98
71) Bromoform	12.582	173	387241	61.550	ug/l #	96
73) Isopropylbenzene	12.700	105	2269133	52.809	ug/l	99
74) N-amyl acetate	12.500	43	790200	53.364	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	726444	61.226	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	891101	80.620	ug/l	72
77) Bromobenzene	12.988	156	536649	57.668	ug/l	99
78) n-propylbenzene	13.041	91	2530871	55.076	ug/l	99
79) 2-Chlorotoluene	13.129	91	1586503	52.709	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1872079	55.142	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	259886	61.786	ug/l	91
82) 4-Chlorotoluene	13.229	91	1525572	54.332	ug/l	99
83) tert-Butylbenzene	13.441	119	1560352	54.133	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1826260	55.380	ug/l	100
85) sec-Butylbenzene	13.623	105	1950008	53.522	ug/l	99
86) p-Isopropyltoluene	13.735	119	1602491	54.777	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	870182	52.753	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	842998	50.737	ug/l	99
89) n-Butylbenzene	14.059	91	1238476	59.166	ug/l	98
90) Hexachloroethane	14.341	117	319077	59.496	ug/l	81
91) 1,2-Dichlorobenzene	14.111	146	857008	52.206	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	114967	56.125	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	265371	50.651	ug/l	96
94) Hexachlorobutadiene	15.506	225	181466	68.484	ug/l	96
95) Naphthalene	15.647	128	781837	43.651	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	295481	49.049	ug/l	97

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QLast Update : Mon Jul 10 16:13:53 2023
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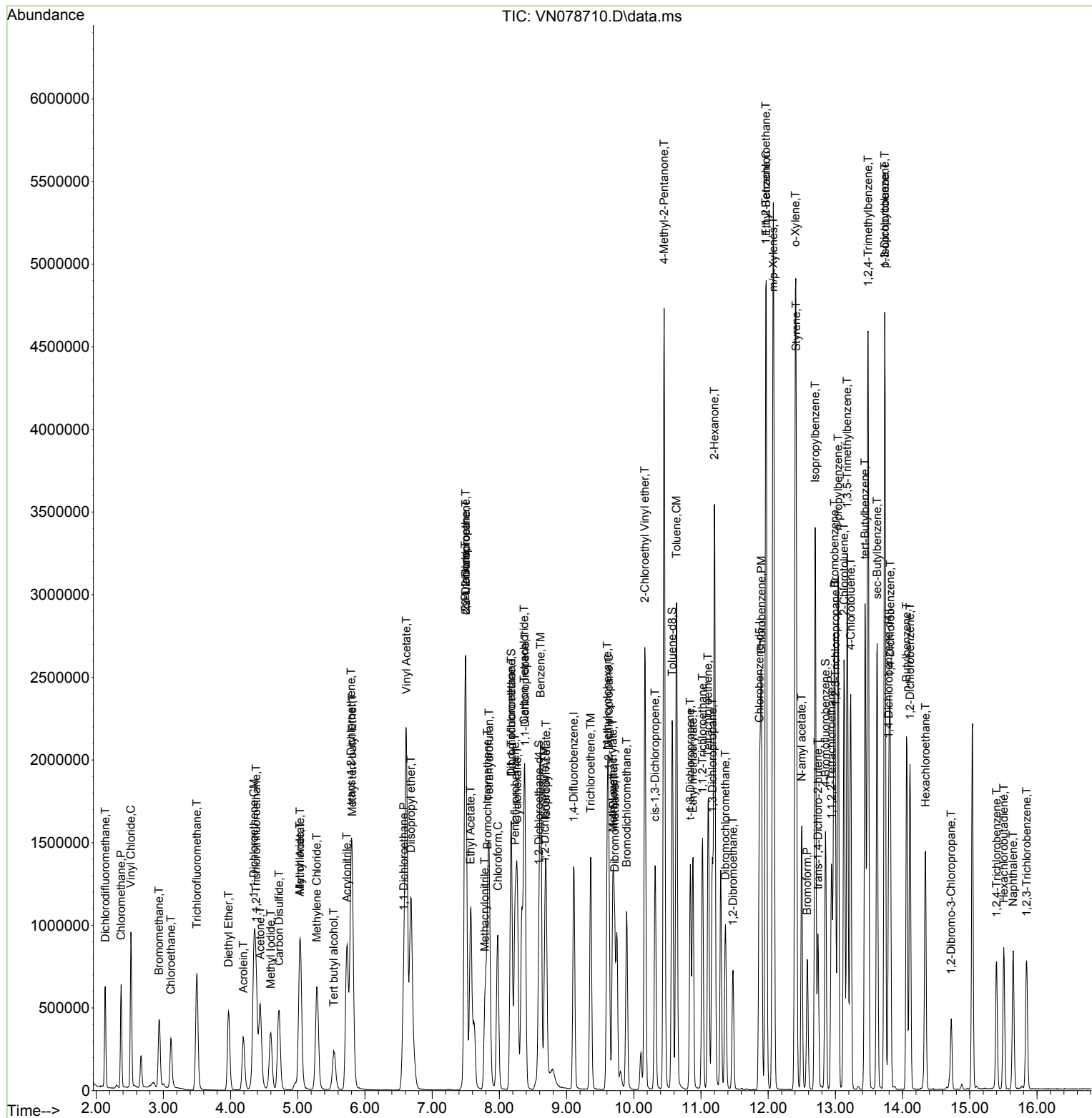
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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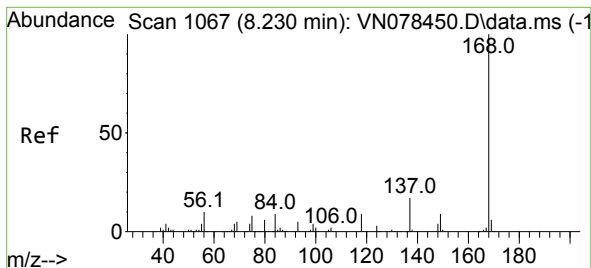
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 10

Delta R.T. 0.005 min

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MSVOA_N

ClientSampleId :

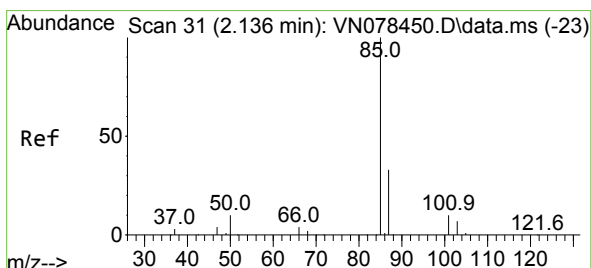
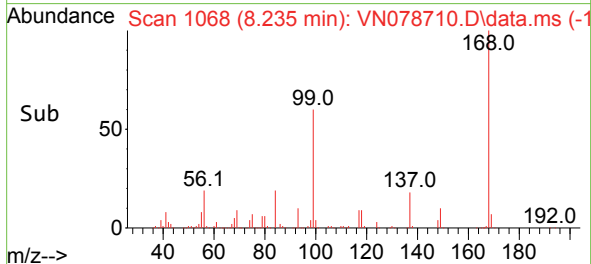
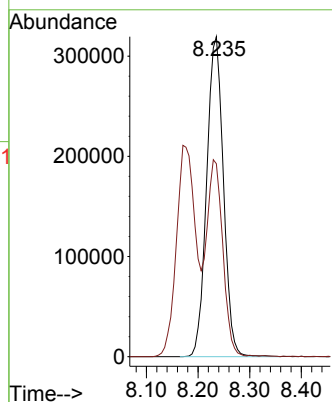
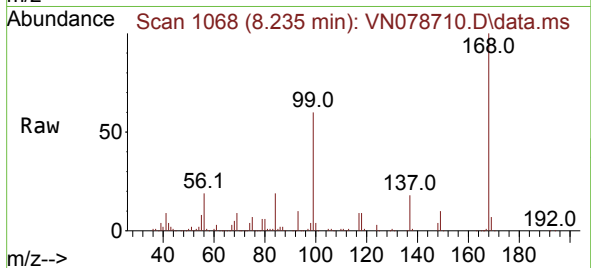
VSTDCCC050EC

Tgt Ion:168 Resp: 718739

Ion Ratio Lower Upper

168 100

99 60.2 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 56.230 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078710.D

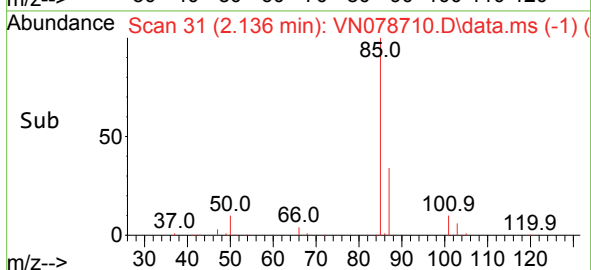
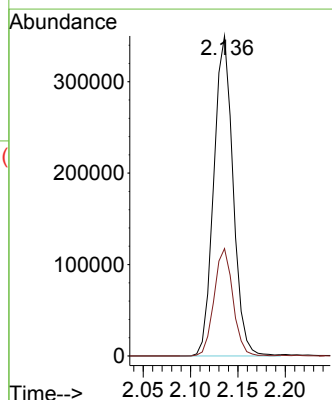
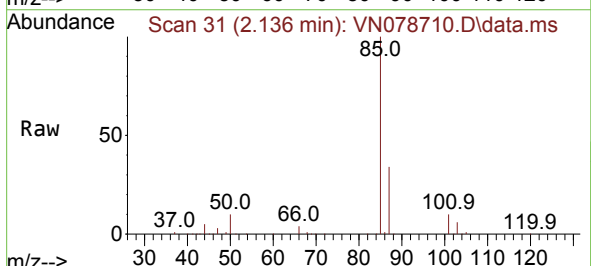
Acq: 31 Jul 2023 17:12

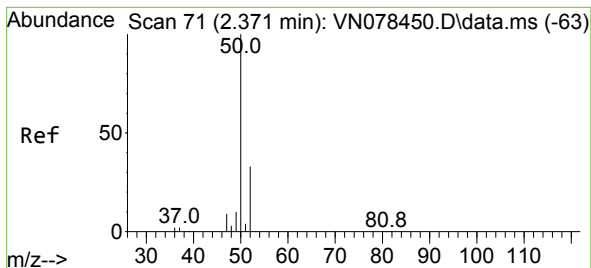
Tgt Ion: 85 Resp: 495506

Ion Ratio Lower Upper

85 100

87 33.6 15.8 47.4





#3

Chloromethane

Concen: 56.254 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078710.D

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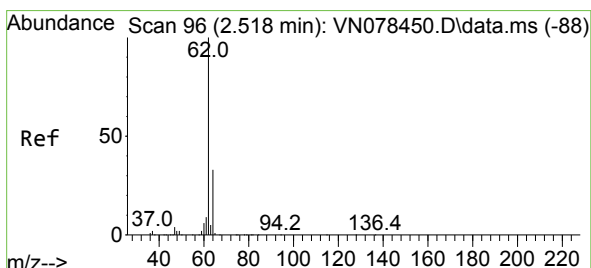
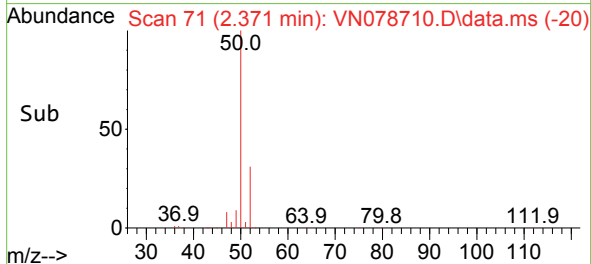
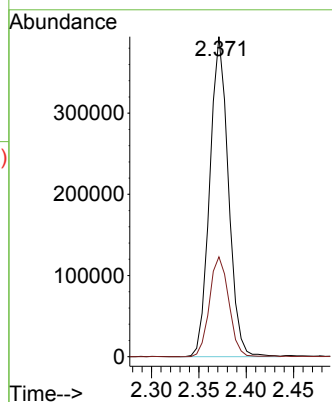
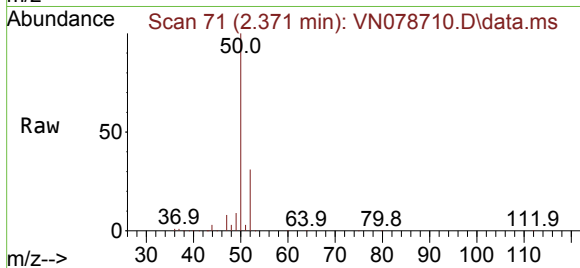
VSTDCCC050EC

Tgt Ion: 50 Resp: 538795

Ion Ratio Lower Upper

50 100

52 31.2 26.5 39.7



#4

Vinyl Chloride

Concen: 72.252 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078710.D

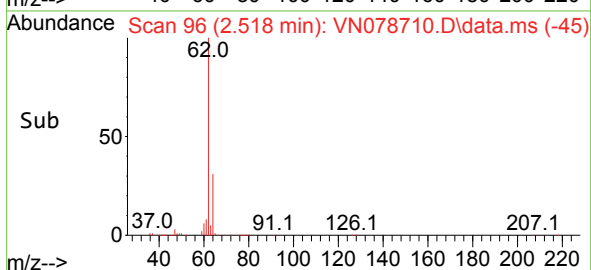
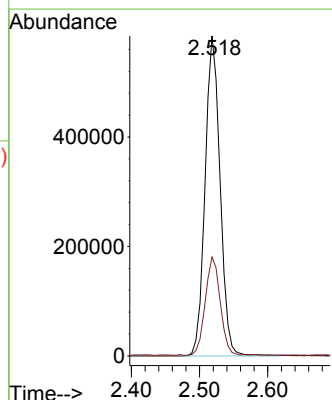
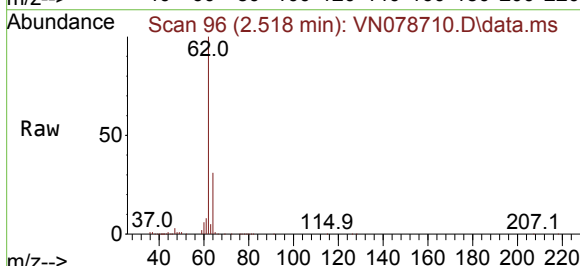
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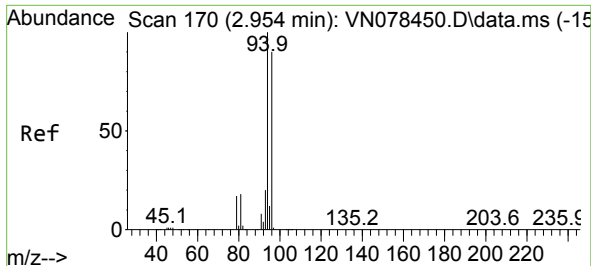
Tgt Ion: 62 Resp: 895211

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.2

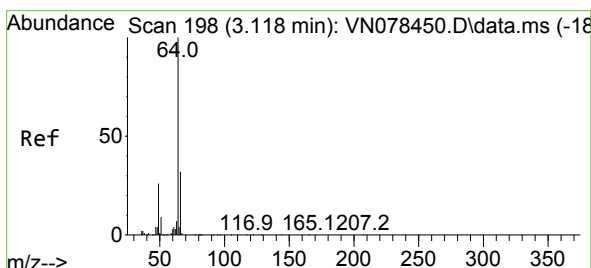
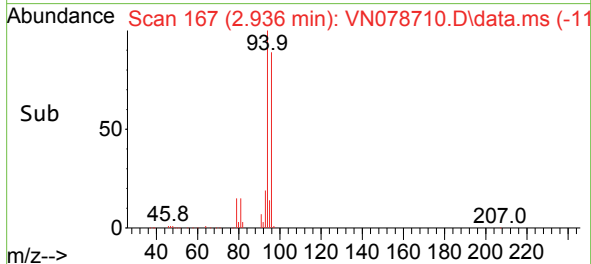
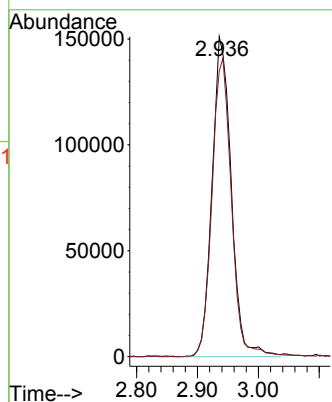
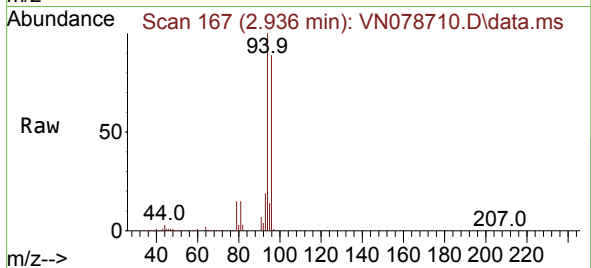




#5
Bromomethane
Concen: 41.296 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN078710.D
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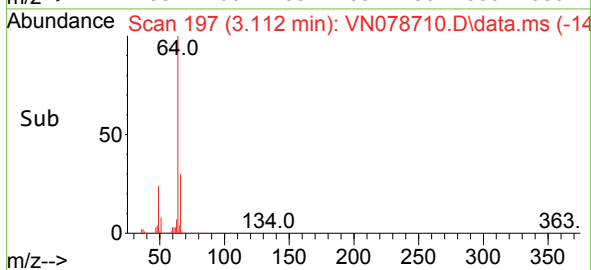
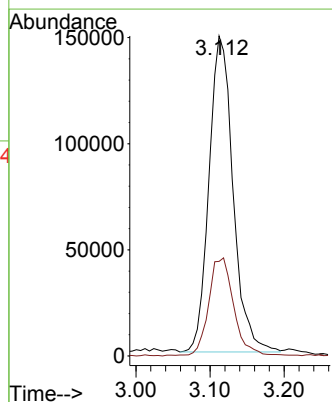
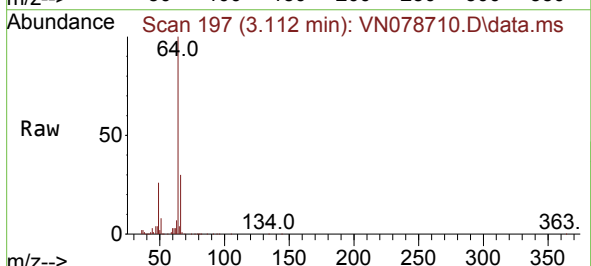
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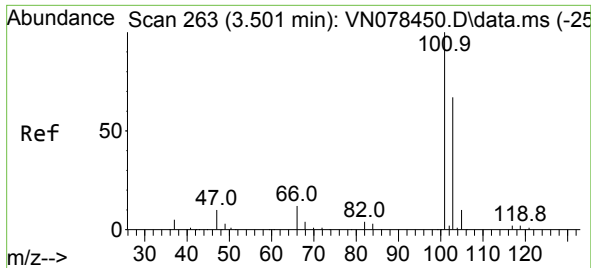
Tgt Ion: 94 Resp: 330415
Ion Ratio Lower Upper
94 100
96 89.2 73.1 109.7



#6
Chloroethane
Concen: 44.619 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078710.D
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Tgt Ion: 64 Resp: 335970
Ion Ratio Lower Upper
64 100
66 29.6 25.4 38.2

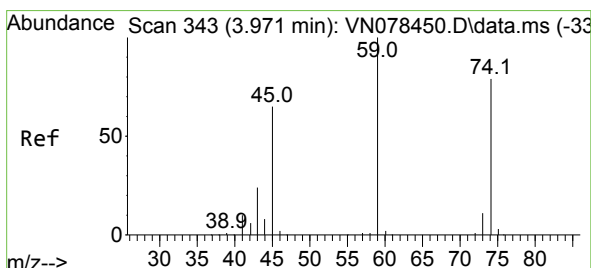
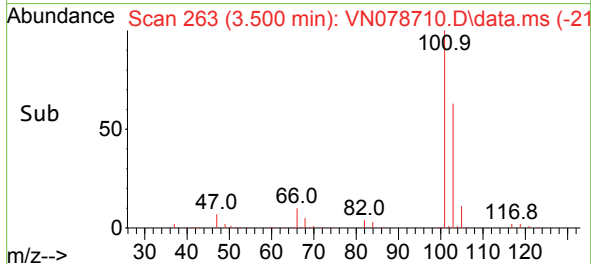
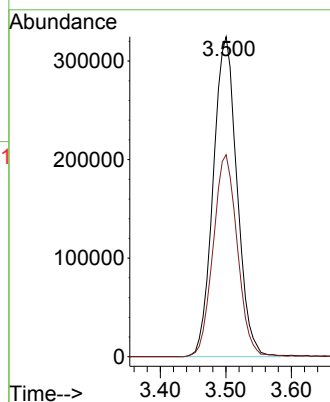
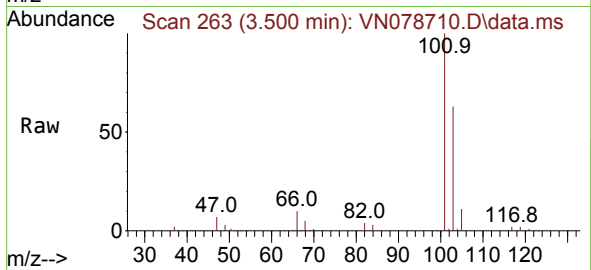




#7
Trichlorofluoromethane
Concen: 55.151 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.001 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

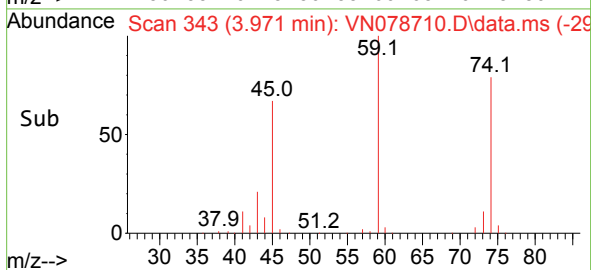
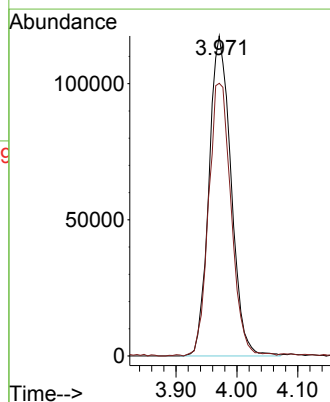
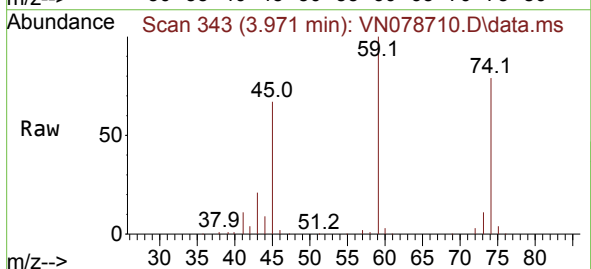
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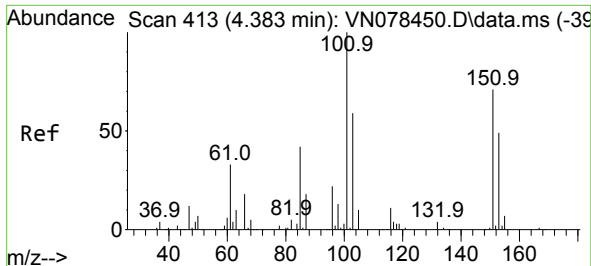
Tgt Ion:101 Resp: 816844
Ion Ratio Lower Upper
101 100
103 63.1 50.7 76.1



#8
Diethyl Ether
Concen: 60.108 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 74 Resp: 296609
Ion Ratio Lower Upper
74 100
45 87.0 34.4 103.3

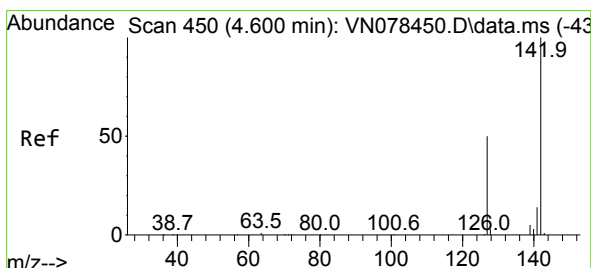
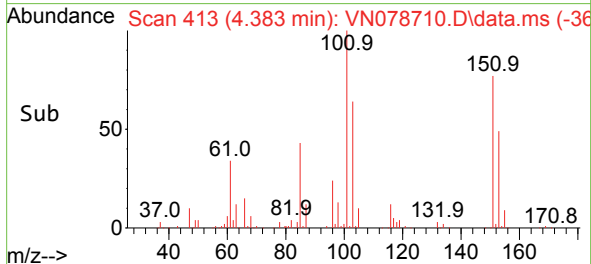
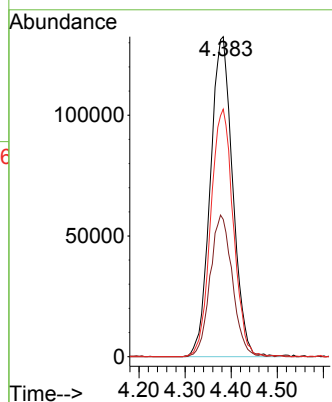
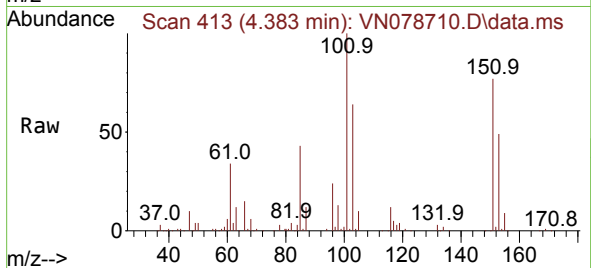




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.877 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

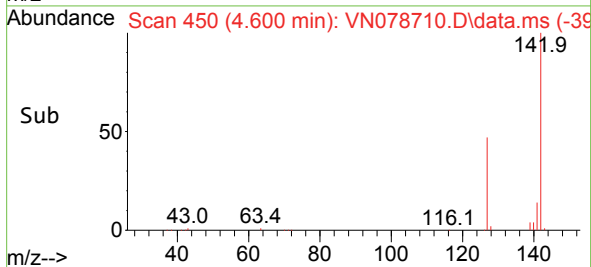
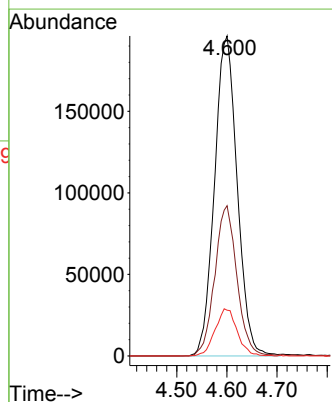
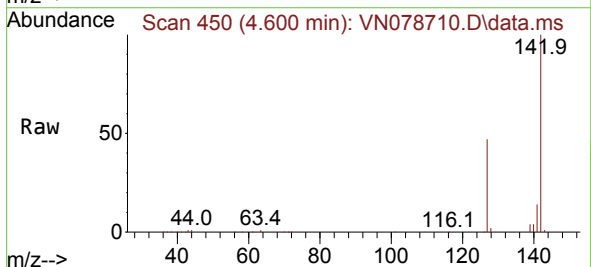
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

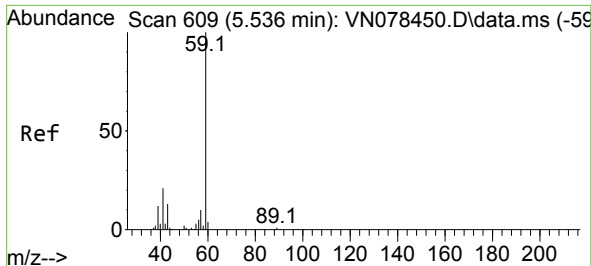
Tgt Ion:101 Resp: 445935
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 78.0 57.6 86.4



#10
Methyl Iodide
Concen: 57.276 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion:142 Resp: 617085
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 14.3 11.4 17.0

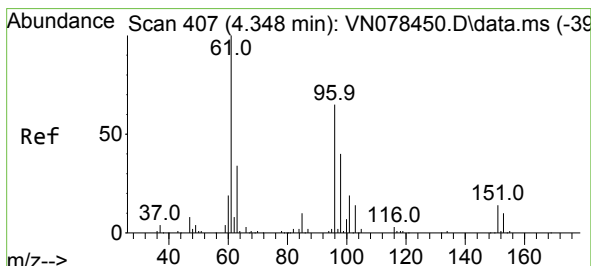
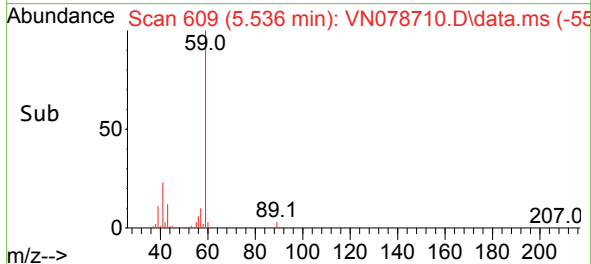
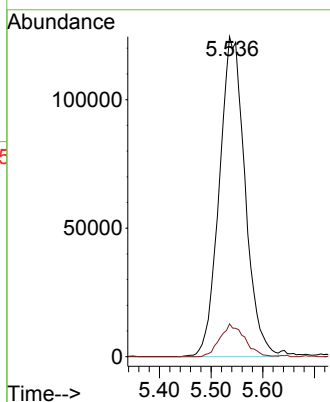
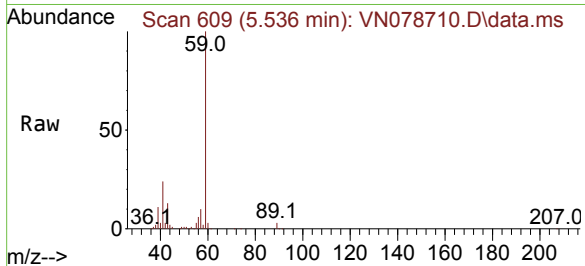




#11
Tert butyl alcohol
Concen: 290.022 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

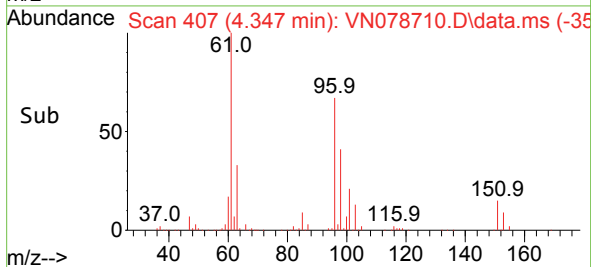
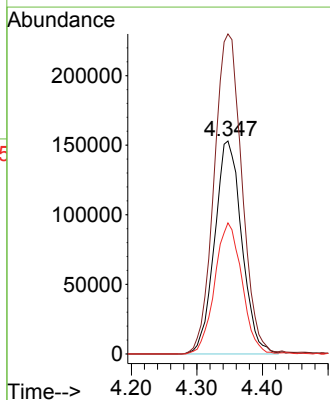
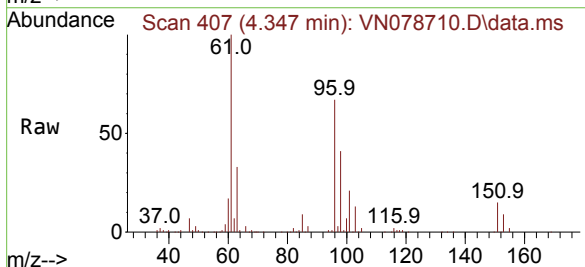
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

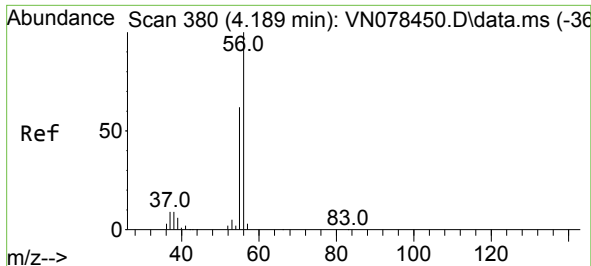
Tgt Ion: 59 Resp: 430919
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 57.990 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 96 Resp: 439795
Ion Ratio Lower Upper
96 100
61 150.3 112.7 169.1
98 61.6 51.2 76.8

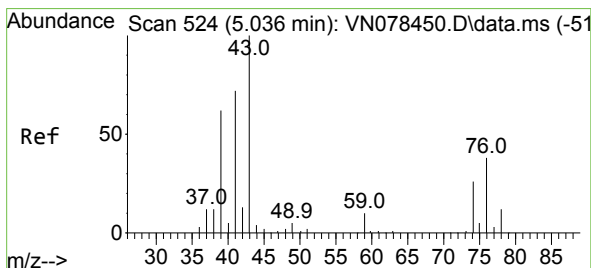
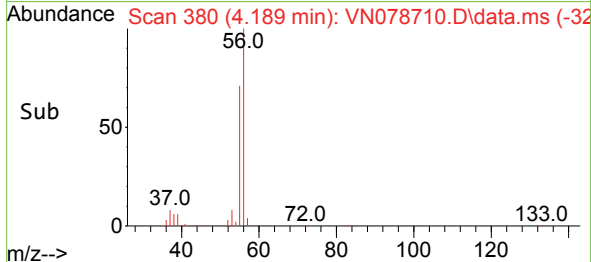
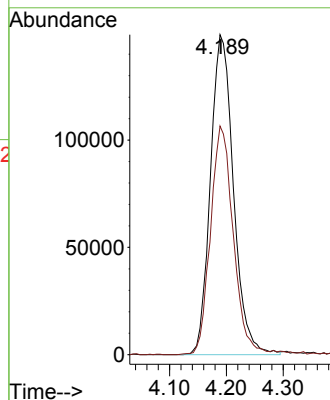
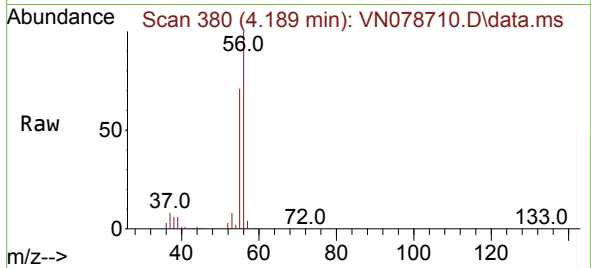




#13
Acrolein
Concen: 287.346 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

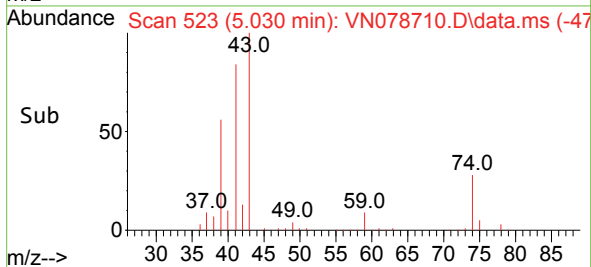
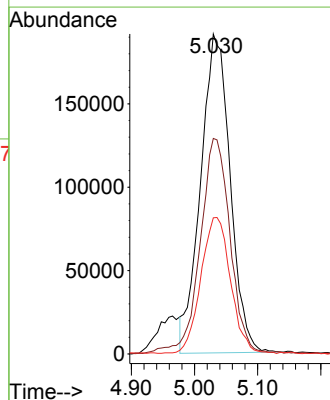
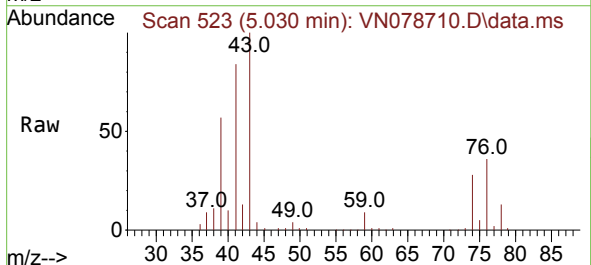
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

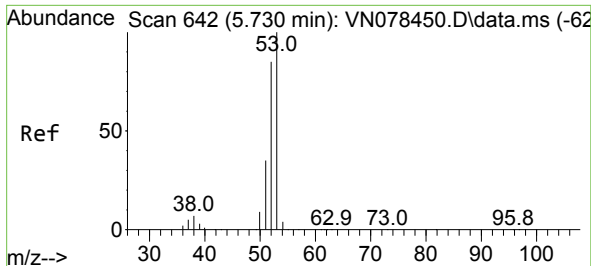
Tgt Ion: 56 Resp: 420055
Ion Ratio Lower Upper
56 100
55 70.6 54.5 81.7



#14
Allyl chloride
Concen: 59.887 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 41 Resp: 620612
Ion Ratio Lower Upper
41 100
39 68.6 58.8 88.2
76 43.0 39.1 58.7



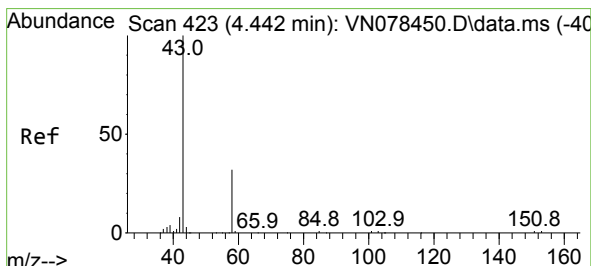
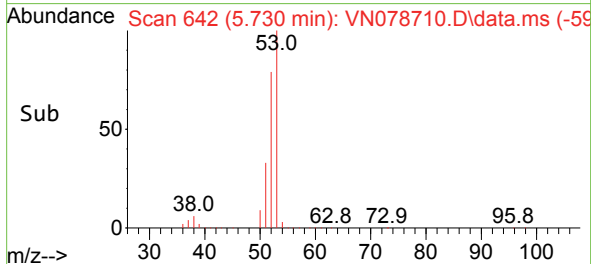
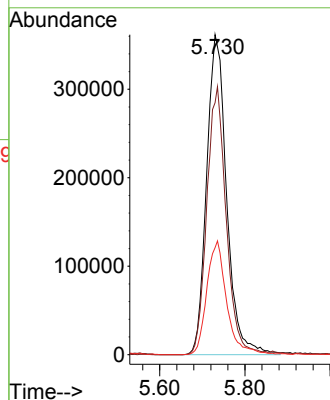
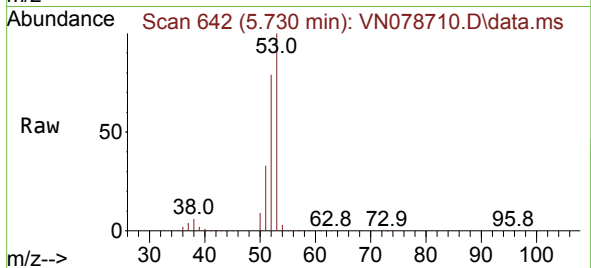


#15
Acrylonitrile
Concen: 314.112 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 1179207

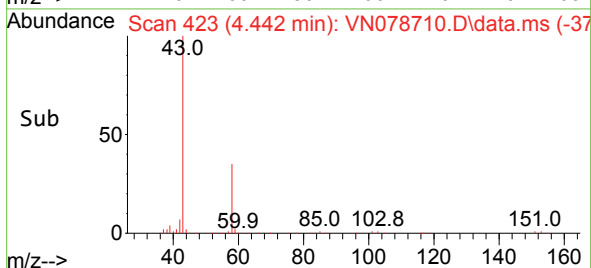
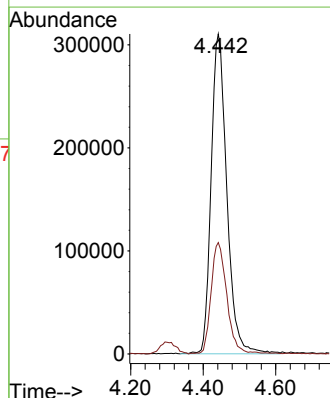
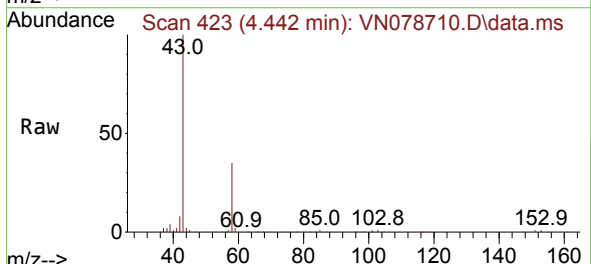
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.3	97.9
51	35.3	28.9	43.3

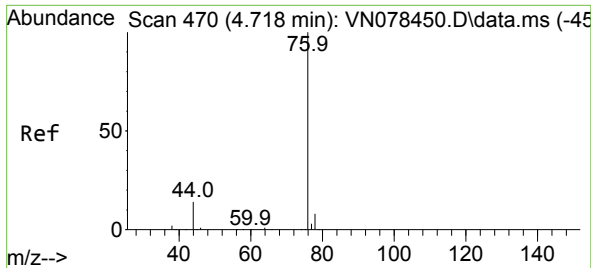


#16
Acetone
Concen: 310.207 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 43 Resp: 931071

Ion	Ratio	Lower	Upper
43	100		
58	34.6	28.0	42.0

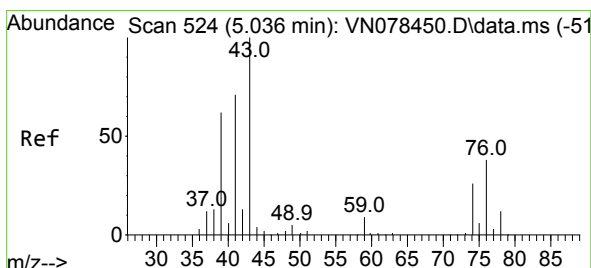
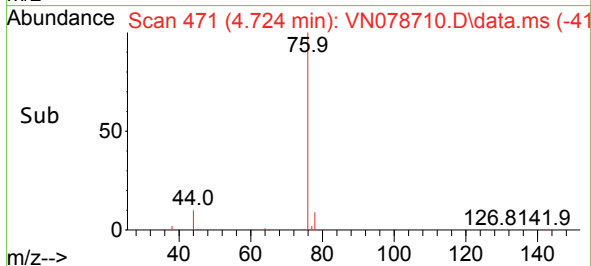
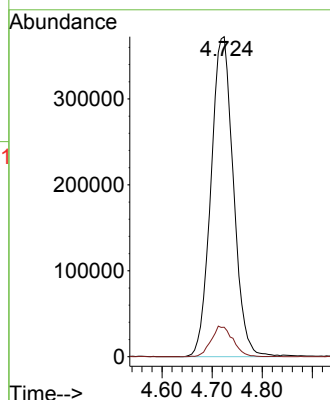
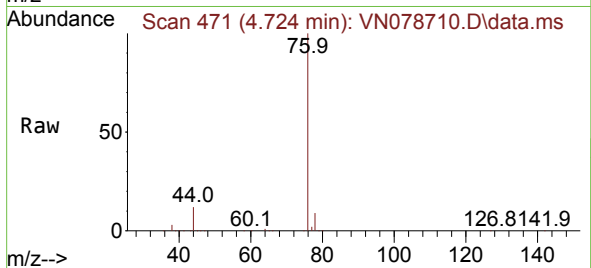




#17
Carbon Disulfide
Concen: 52.794 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

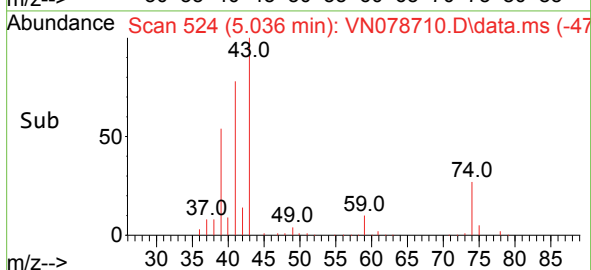
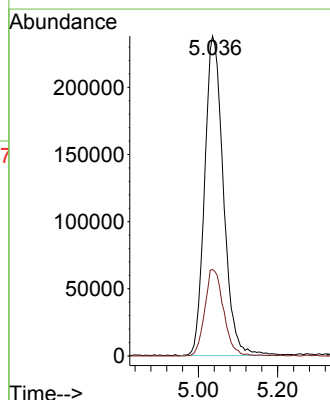
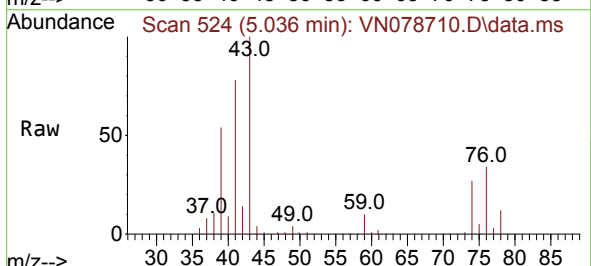
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

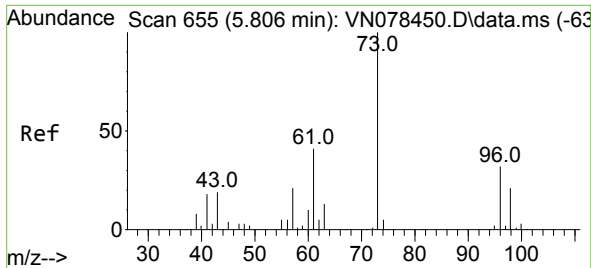
Tgt Ion: 76 Resp: 1157779
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 61.404 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 43 Resp: 780189
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4

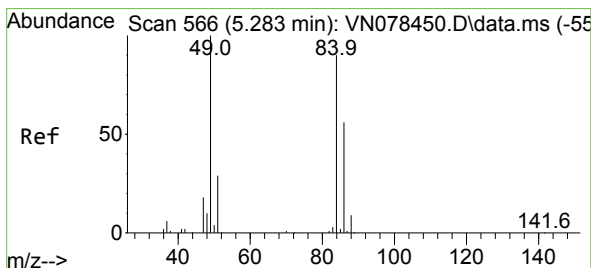
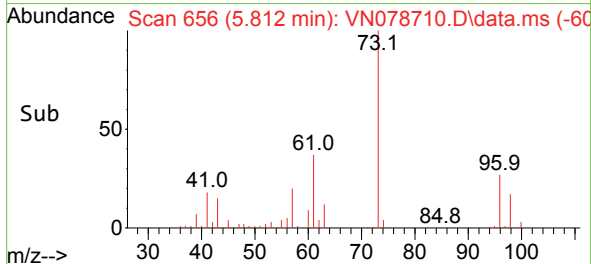
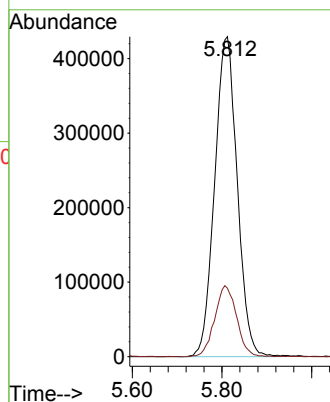
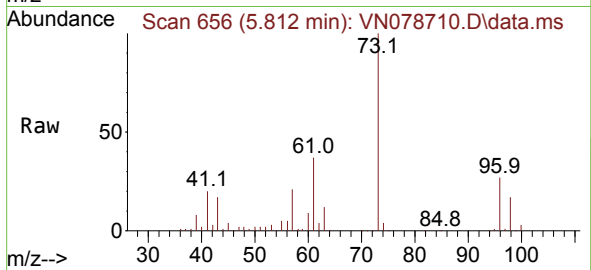




#19
Methyl tert-butyl Ether
Concen: 59.980 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

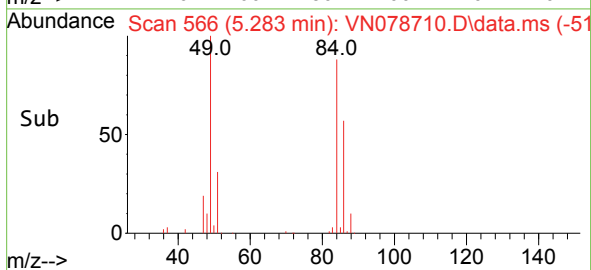
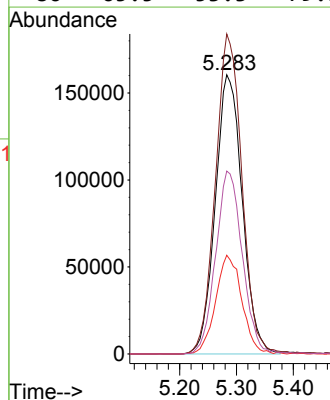
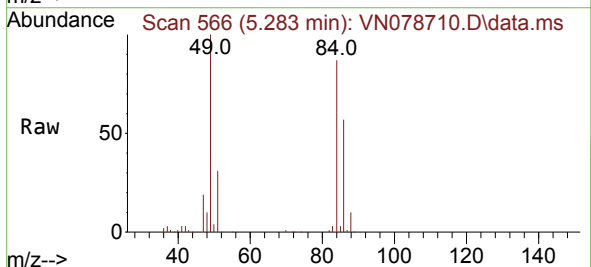
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

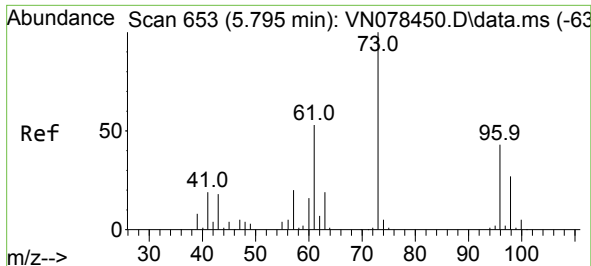
Tgt Ion: 73 Resp: 1498782
Ion Ratio Lower Upper
73 100
57 21.4 15.6 23.4



#20
Methylene Chloride
Concen: 61.728 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 84 Resp: 528972
Ion Ratio Lower Upper
84 100
49 114.6 79.7 119.5
51 35.4 25.2 37.8
86 65.5 53.3 79.9

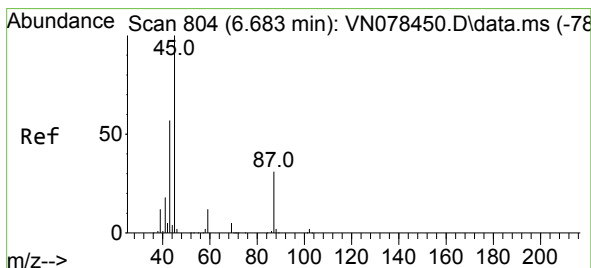
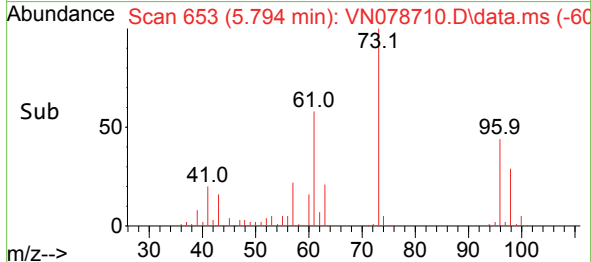
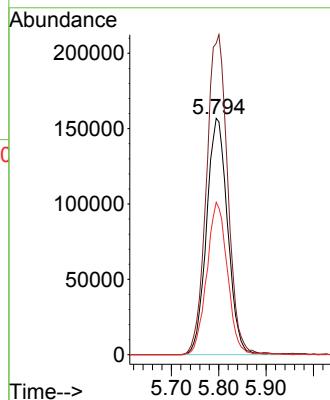
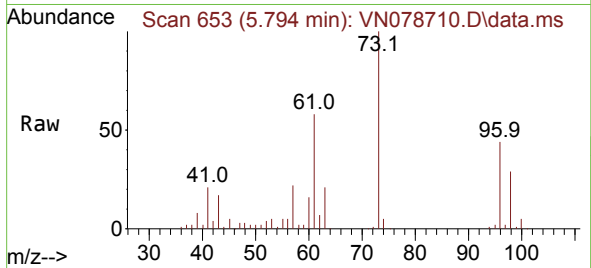




#21
trans-1,2-Dichloroethene
Concen: 56.911 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

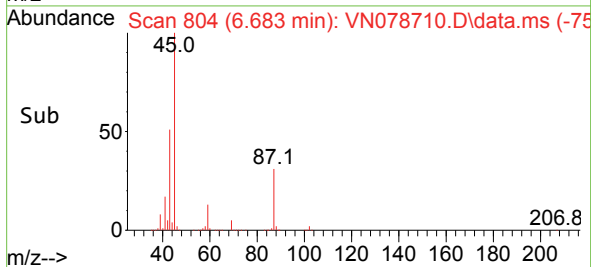
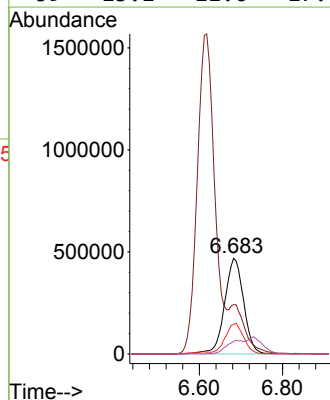
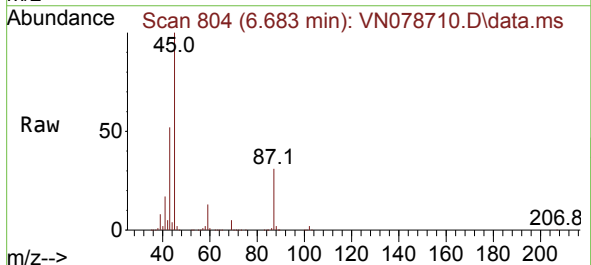
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

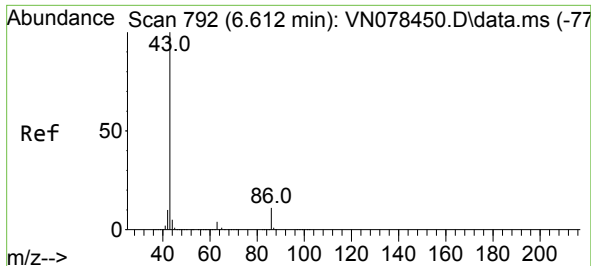
Tgt Ion: 96 Resp: 486378
Ion Ratio Lower Upper
96 100
61 131.8 90.1 135.1
98 64.4 46.4 69.6



#22
Diisopropyl ether
Concen: 64.097 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 45 Resp: 1487343
Ion Ratio Lower Upper
45 100
43 50.7 45.5 68.3
87 30.7 31.8 47.8#
59 13.1 11.6 17.4

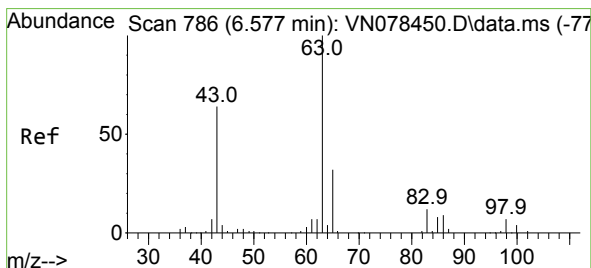
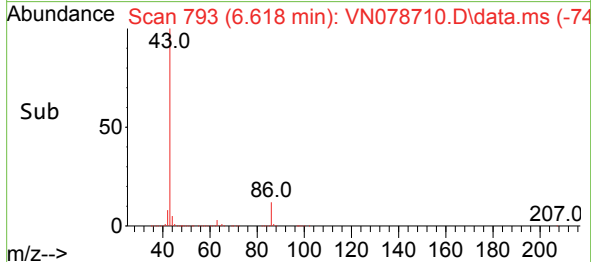
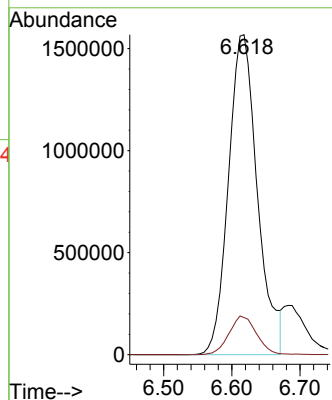
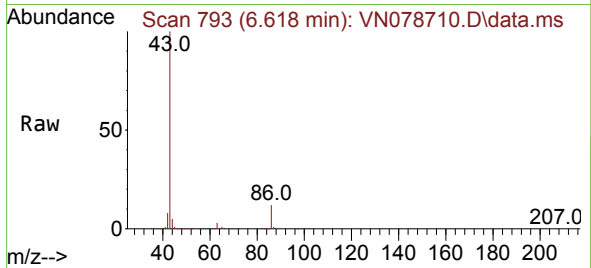




#23
 Vinyl Acetate
 Concen: 314.228 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.006 min
 Lab File: VN078710.D
 Acq: 31 Jul 2023 17:12

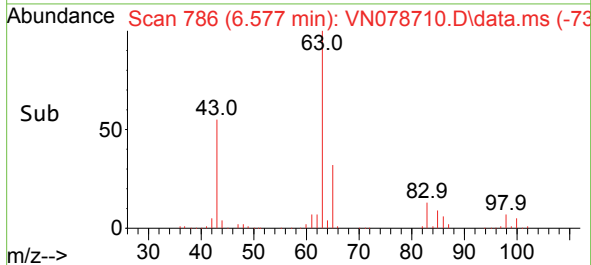
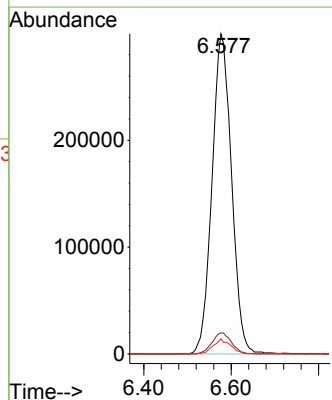
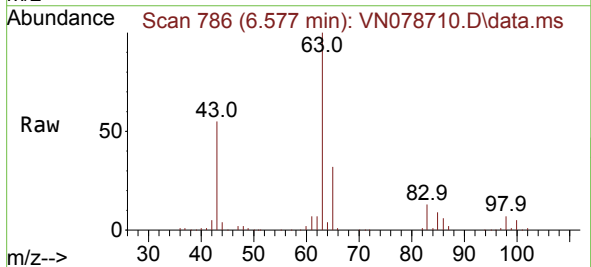
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

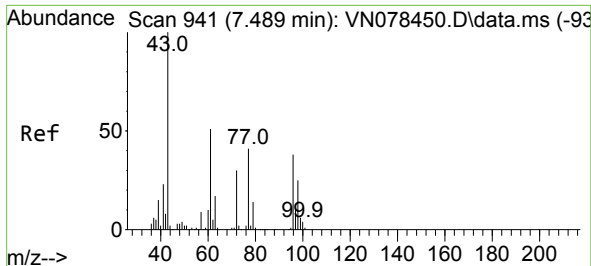
Tgt Ion: 43 Resp: 4635471
 Ion Ratio Lower Upper
 43 100
 86 11.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 59.433 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078710.D
 Acq: 31 Jul 2023 17:12

Tgt Ion: 63 Resp: 929283
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.7 2.5 7.4

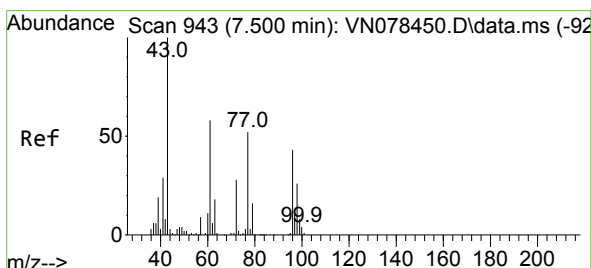
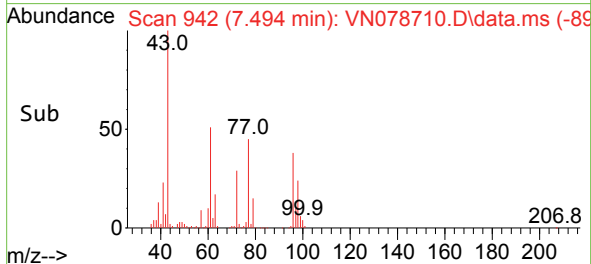
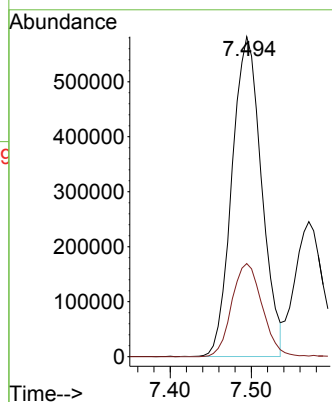
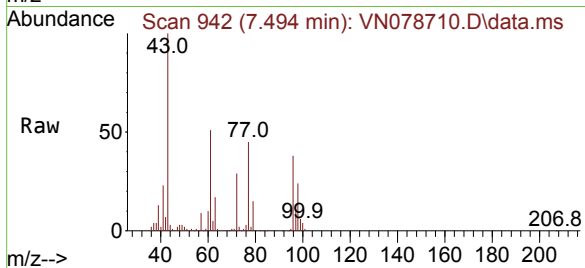




#25
2-Butanone
Concen: 312.028 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

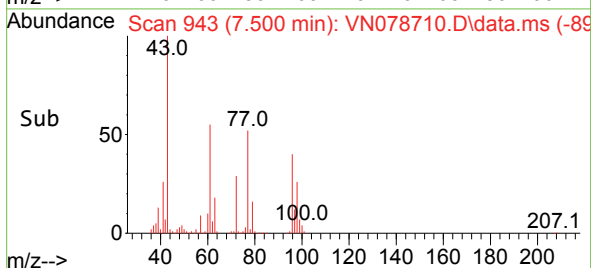
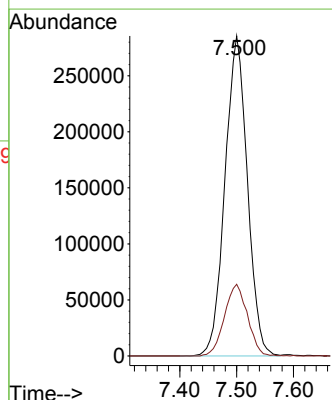
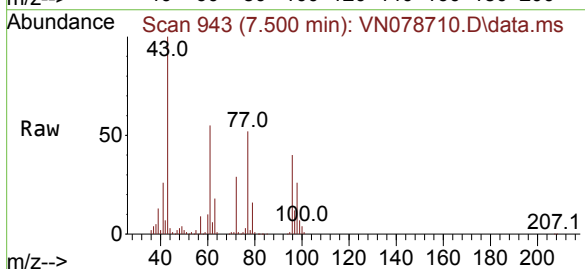
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

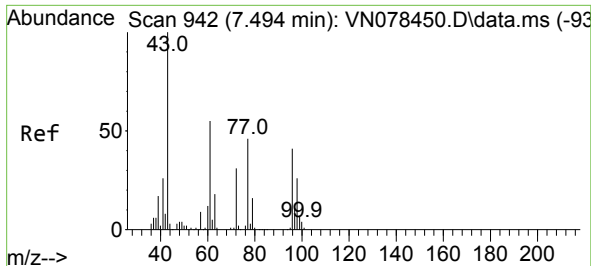
Tgt Ion: 43 Resp: 1474234
Ion Ratio Lower Upper
43 100
72 29.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 61.135 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 77 Resp: 781827
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6

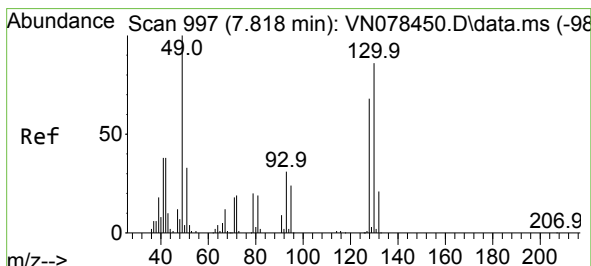
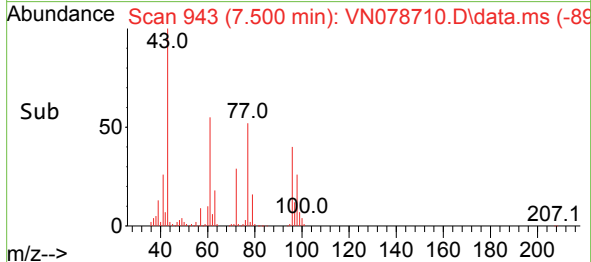
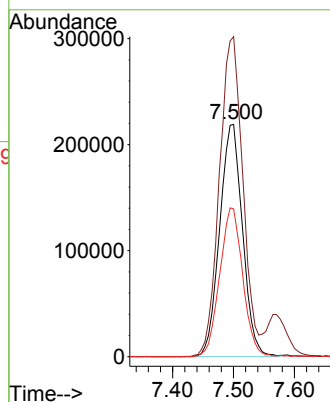
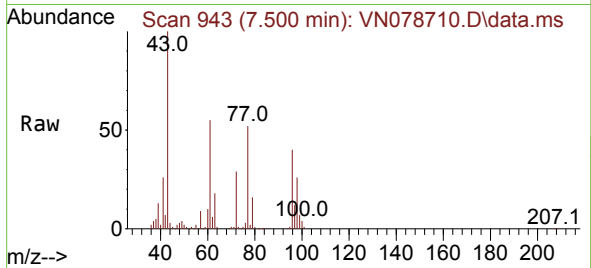




#27
 cis-1,2-Dichloroethene
 Concen: 57.906 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN078710.D
 Acq: 31 Jul 2023 17:12

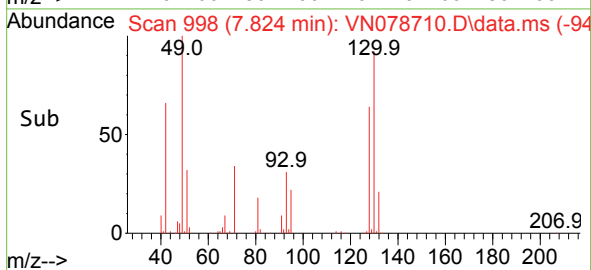
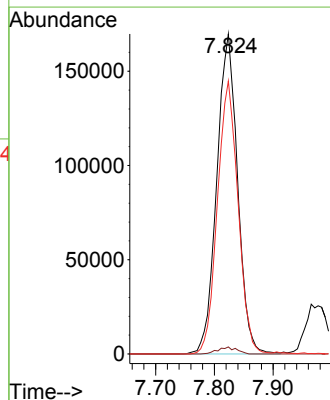
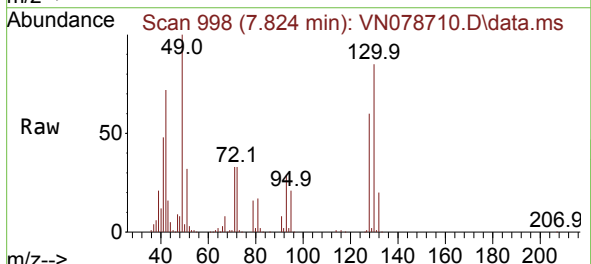
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 572490
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 255.2
 98 64.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 56.679 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078710.D
 Acq: 31 Jul 2023 17:12

Tgt Ion: 49 Resp: 417416
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 84.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 309.662 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

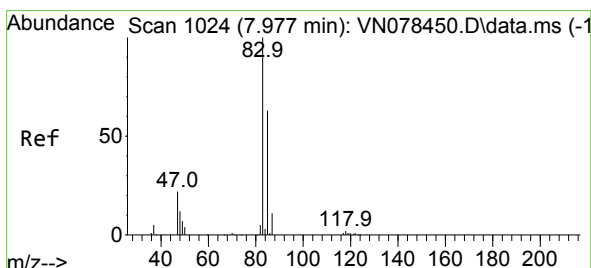
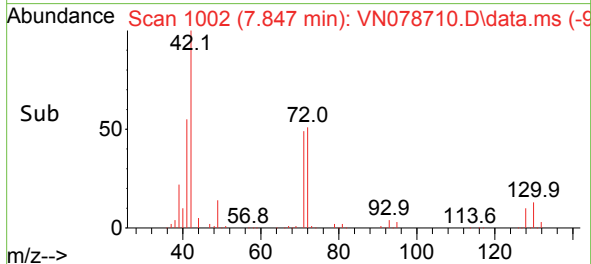
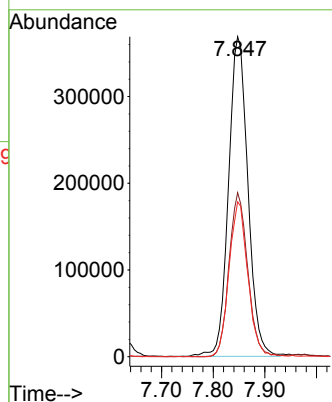
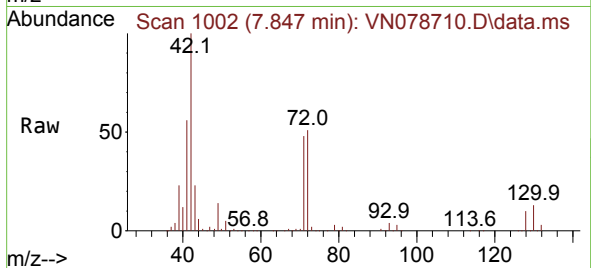
Tgt Ion: 42 Resp: 960008

Ion Ratio Lower Upper

42 100

72 49.6 49.8 74.6#

71 47.0 47.4 71.2#



#30

Chloroform

Concen: 58.691 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078710.D

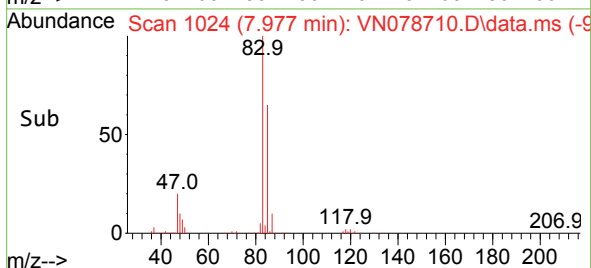
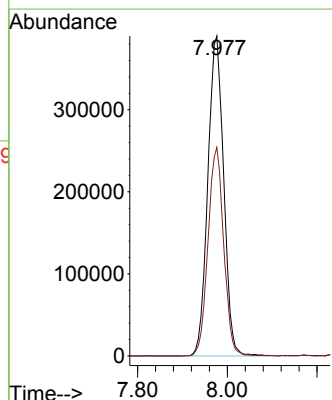
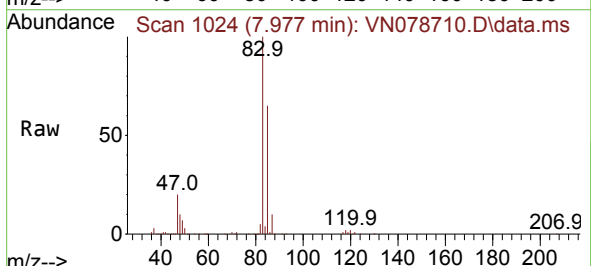
Acq: 31 Jul 2023 17:12

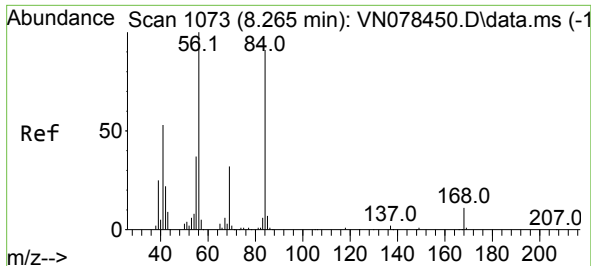
Tgt Ion: 83 Resp: 955404

Ion Ratio Lower Upper

83 100

85 65.1 55.4 83.0

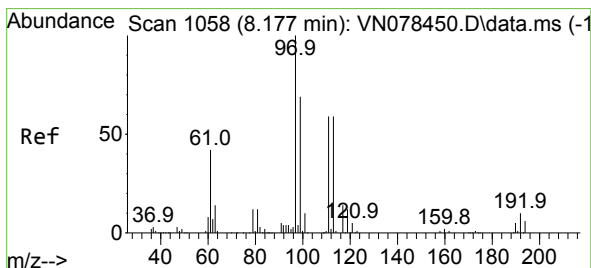
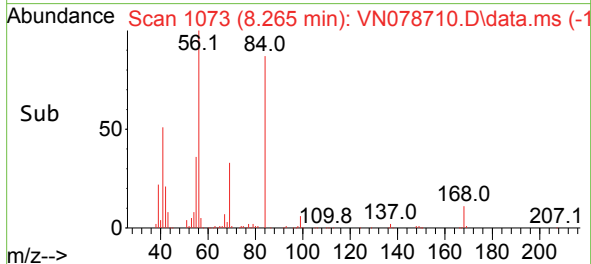
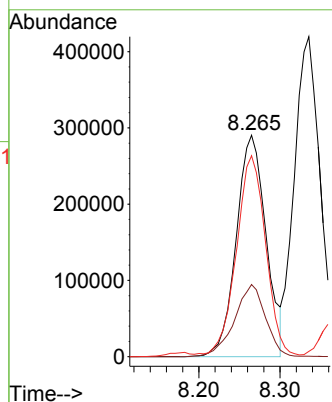
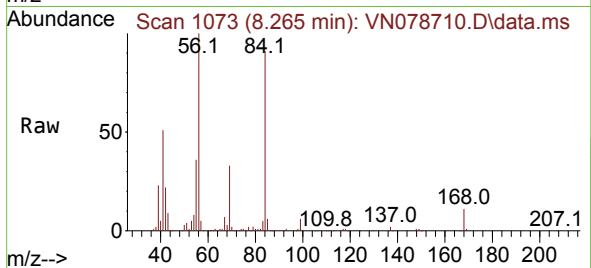




#31
Cyclohexane
Concen: 56.767 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

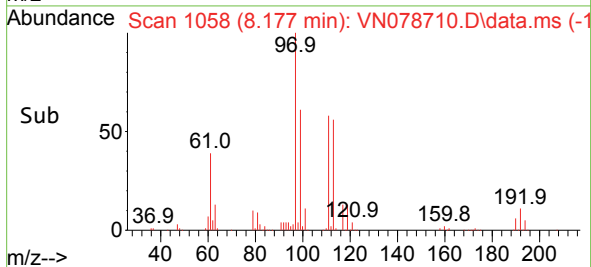
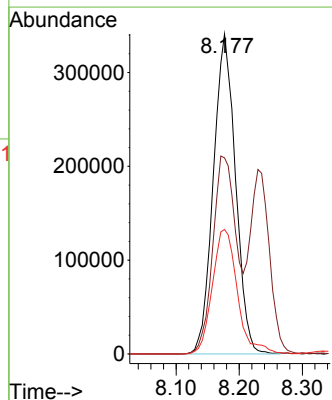
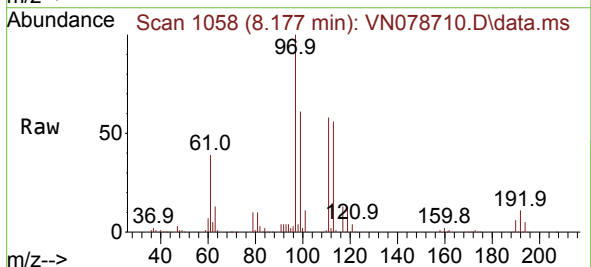
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

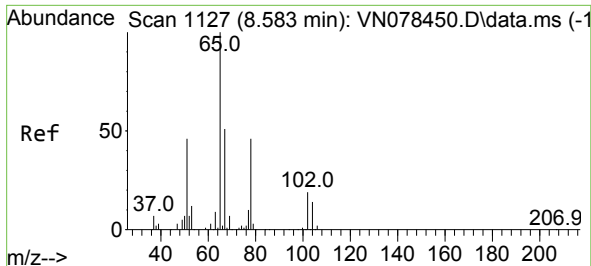
Tgt Ion: 56 Resp: 739218
Ion Ratio Lower Upper
56 100
69 32.3 26.8 40.2
84 89.0 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 57.091 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 97 Resp: 833236
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 43.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.914 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

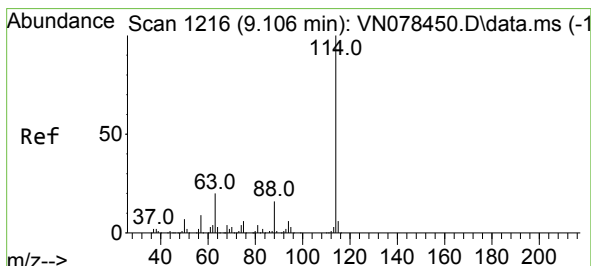
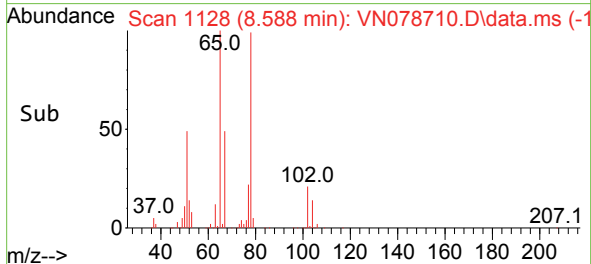
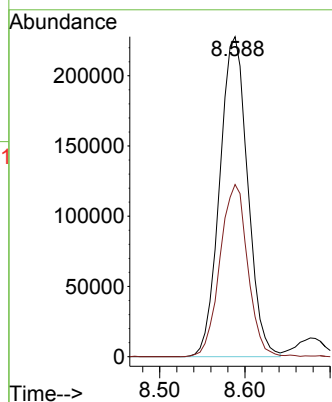
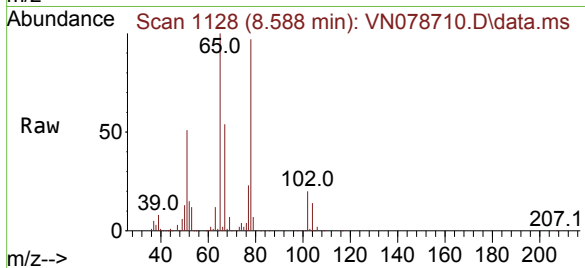
VSTDCCC050EC

Tgt Ion: 65 Resp: 519485

Ion Ratio Lower Upper

65 100

67 53.5 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: VN078710.D

Acq: 31 Jul 2023 17:12

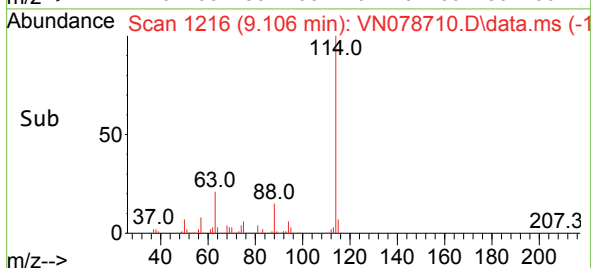
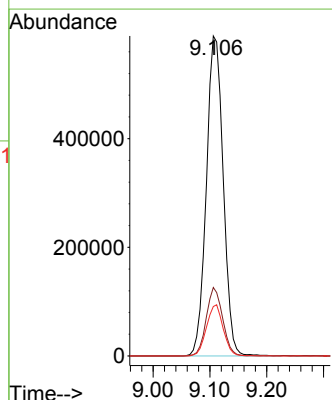
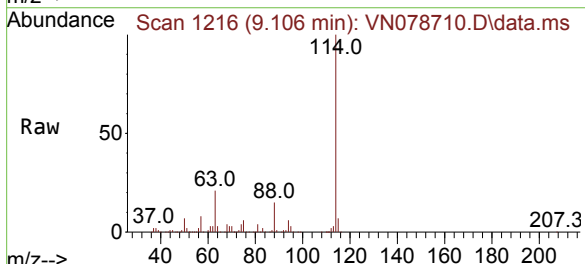
Tgt Ion: 114 Resp: 1213562

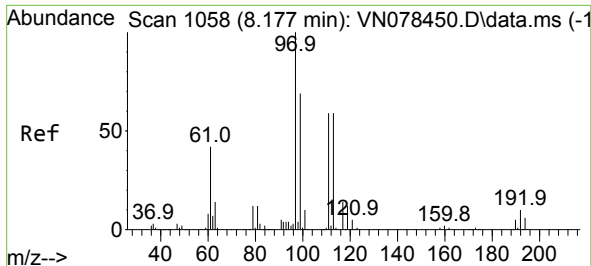
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 15.5 0.0 30.6

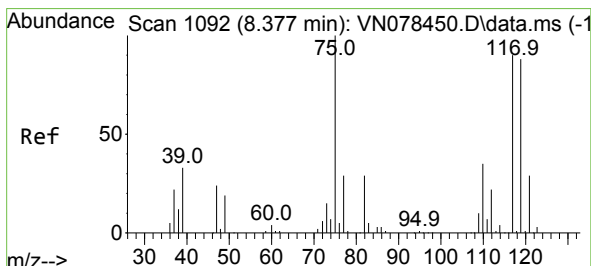
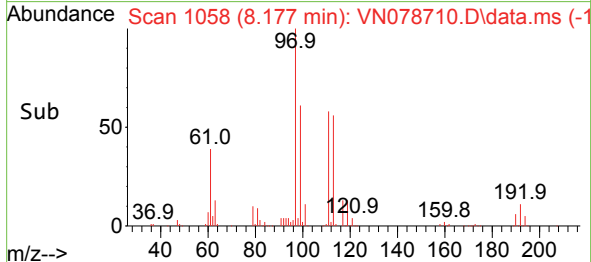
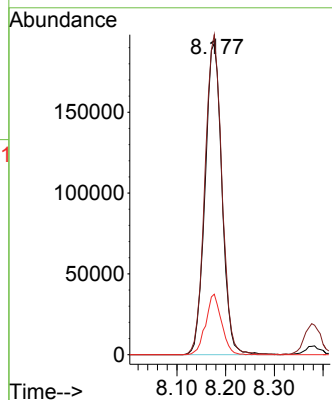
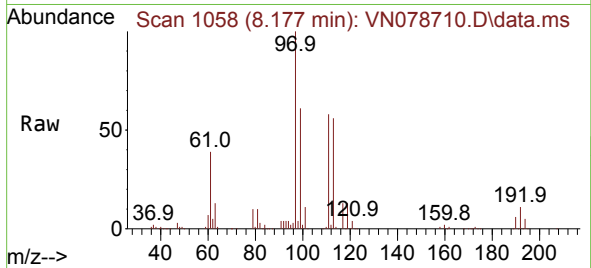




#35
Dibromofluoromethane
Concen: 56.049 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

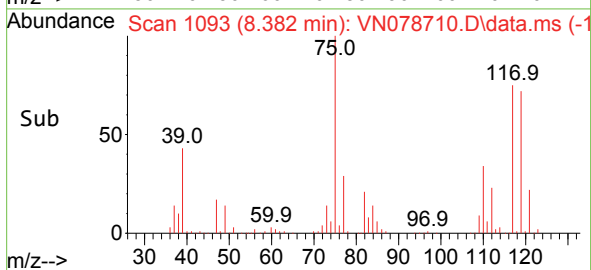
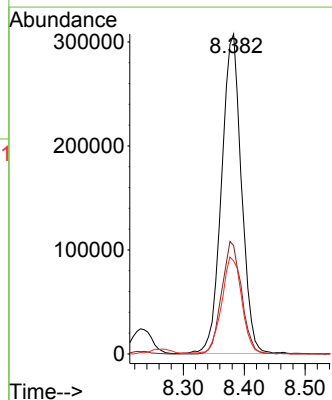
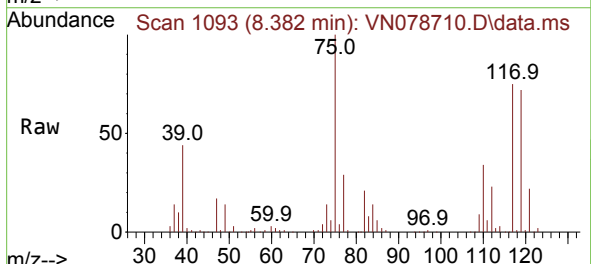
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

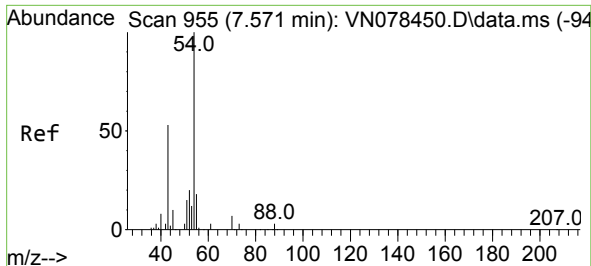
Tgt Ion:113 Resp: 461733
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 18.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 58.347 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.005 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 75 Resp: 694042
Ion Ratio Lower Upper
75 100
110 35.2 19.1 57.3
77 31.0 25.0 37.4

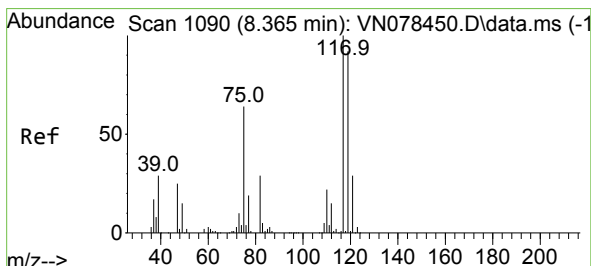
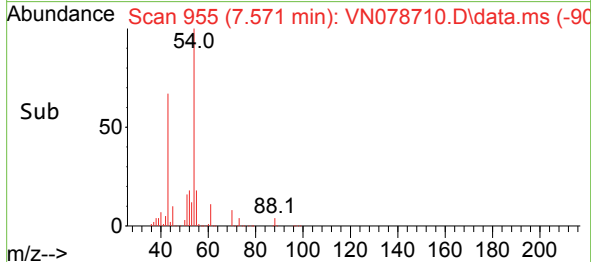
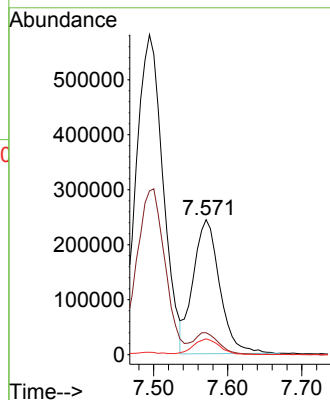
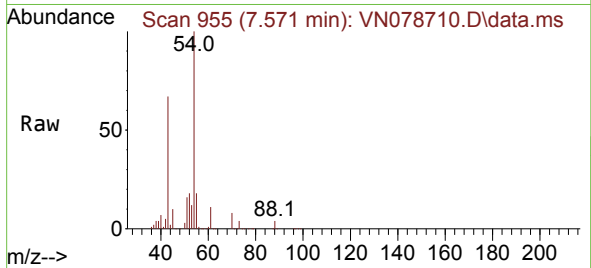




#37
Ethyl Acetate
Concen: 61.269 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

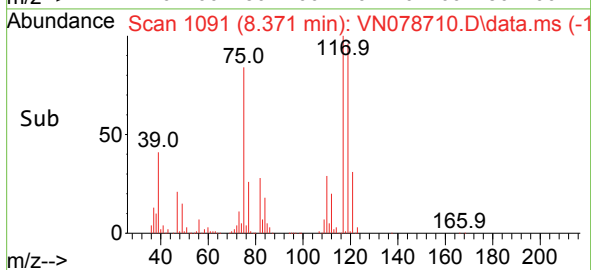
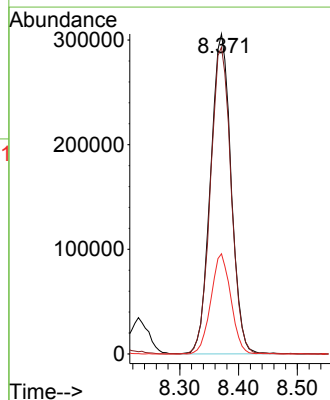
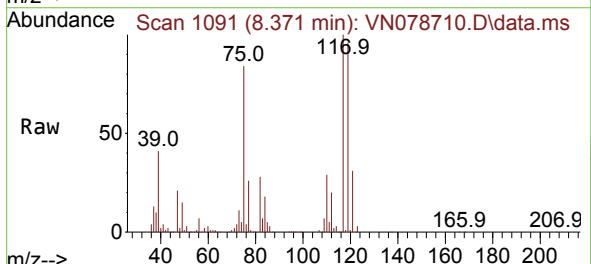
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

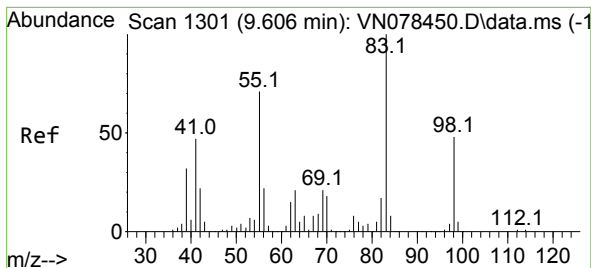
Tgt Ion: 43 Resp: 607536
Ion Ratio Lower Upper
43 100
61 14.9 13.2 19.8
70 11.7 11.3 16.9



#38
Carbon Tetrachloride
Concen: 57.462 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 117 Resp: 742863
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9
121 31.3 23.3 34.9





#39

Methylcyclohexane

Concen: 61.592 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

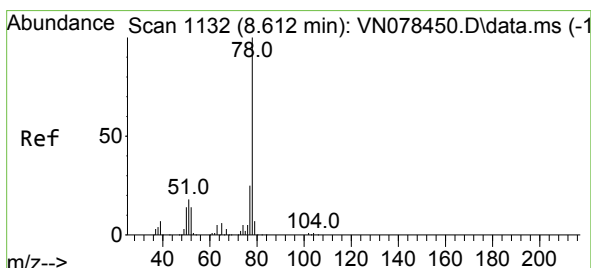
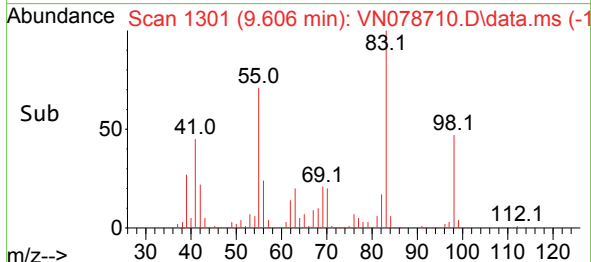
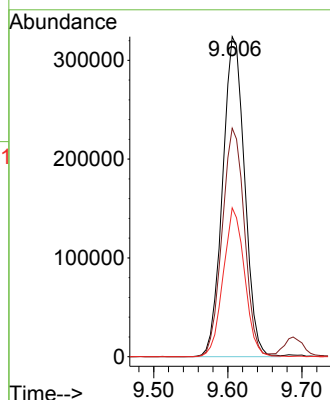
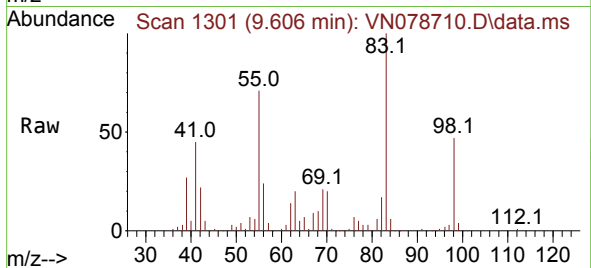
Tgt Ion: 83 Resp: 668745

Ion Ratio Lower Upper

83 100

55 71.4 49.1 73.7

98 46.5 40.6 61.0



#40

Benzene

Concen: 60.559 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078710.D

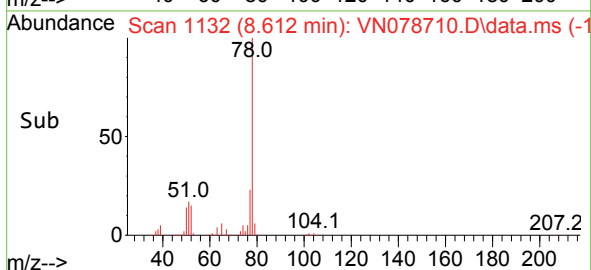
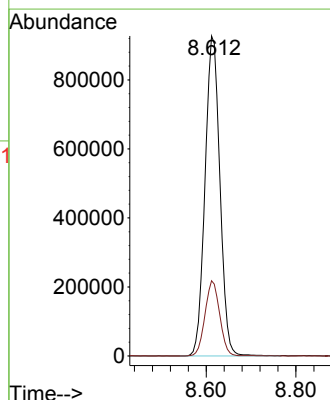
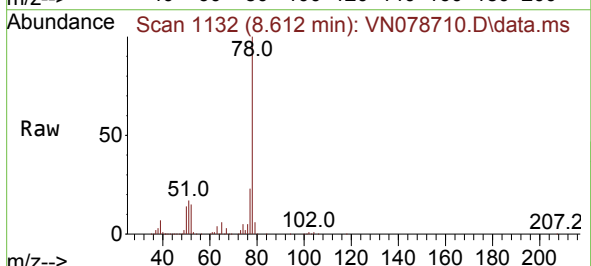
Acq: 31 Jul 2023 17:12

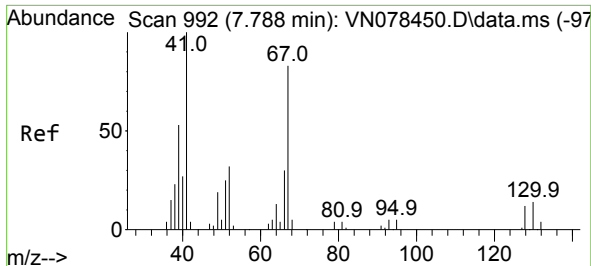
Tgt Ion: 78 Resp: 2134081

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

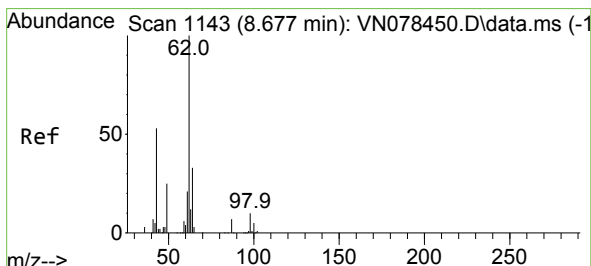
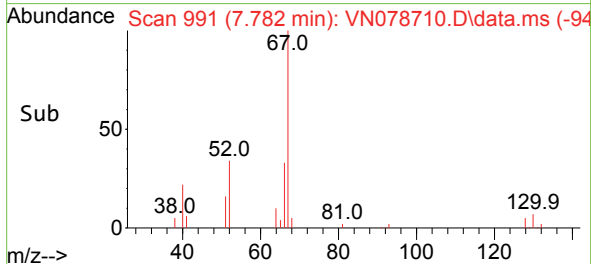
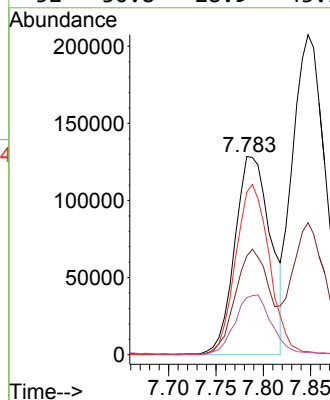
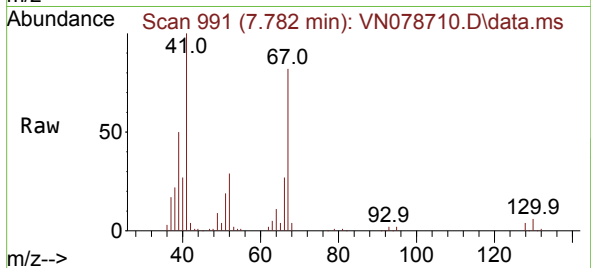




#41
Methacrylonitrile
Concen: 67.148 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

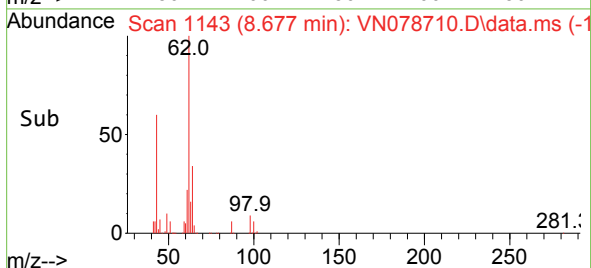
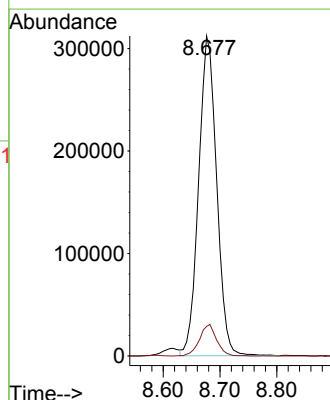
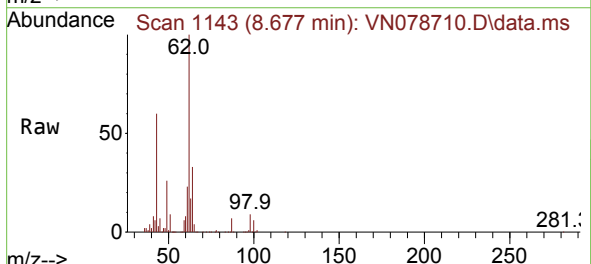
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

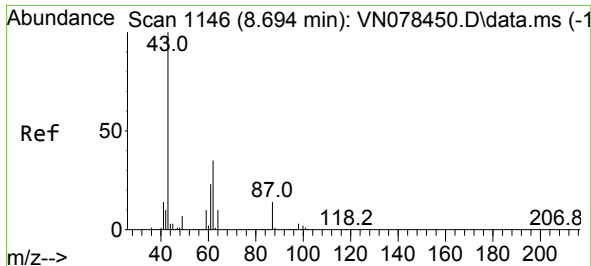
Tgt Ion:	41	Resp:	339431
Ion	Ratio	Lower	Upper
41	100		
39	48.5	42.6	64.0
67	81.3	77.5	116.3
52	30.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 57.423 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion:	62	Resp:	688298
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8

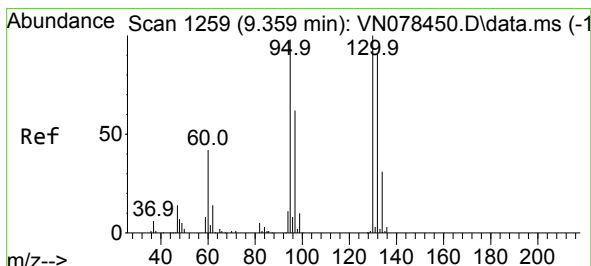
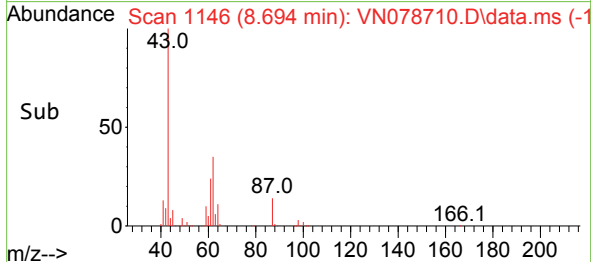
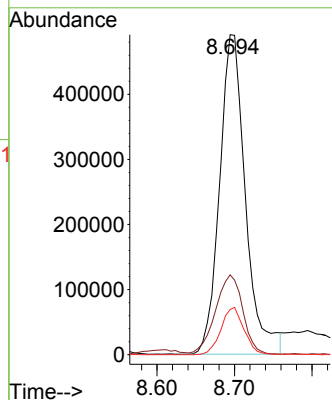
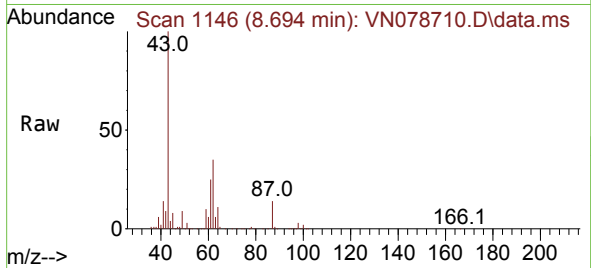




#43
Isopropyl Acetate
Concen: 69.860 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

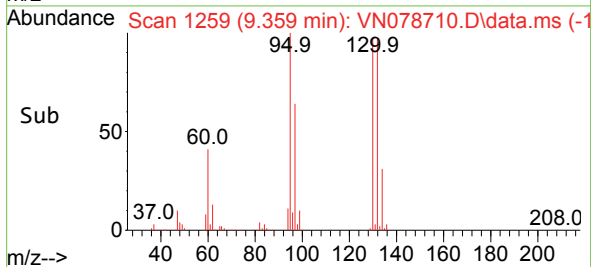
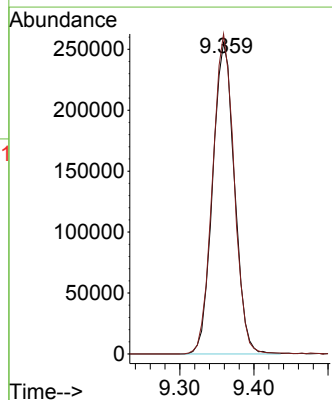
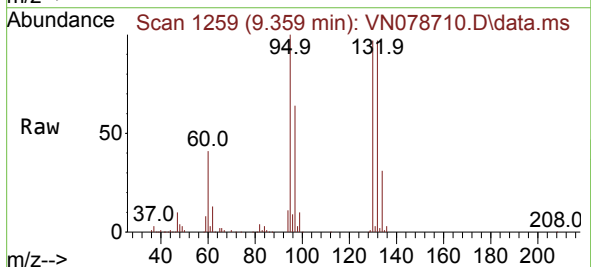
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

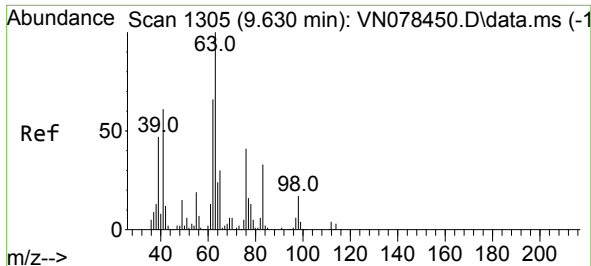
Tgt Ion: 43 Resp: 1140477
Ion Ratio Lower Upper
43 100
61 26.2 24.7 37.1
87 13.2 14.6 21.8#



#44
Trichloroethene
Concen: 54.967 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion:130 Resp: 522066
Ion Ratio Lower Upper
130 100
95 102.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 62.507 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

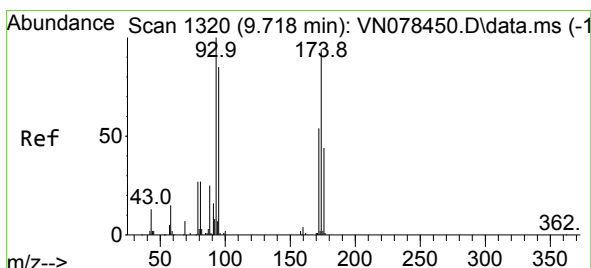
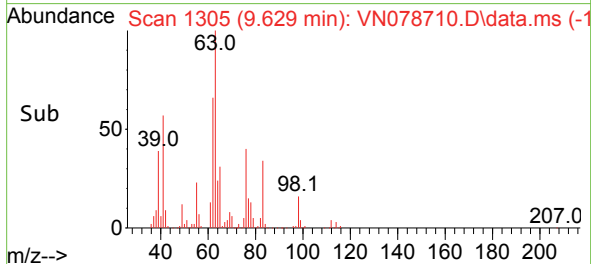
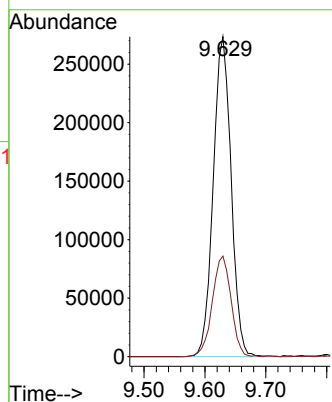
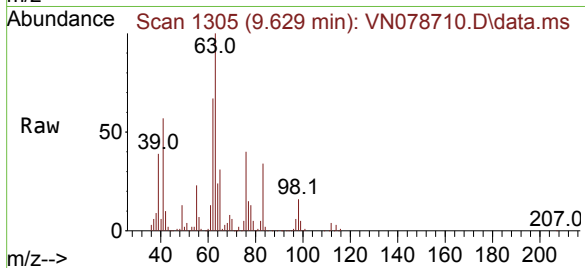
VSTDCCC050EC

Tgt Ion: 63 Resp: 557891

Ion Ratio Lower Upper

63 100

65 31.5 23.9 35.9



#46

Dibromomethane

Concen: 58.143 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

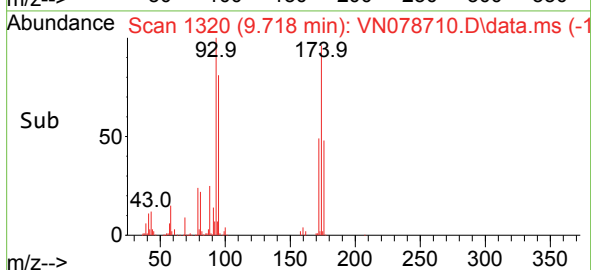
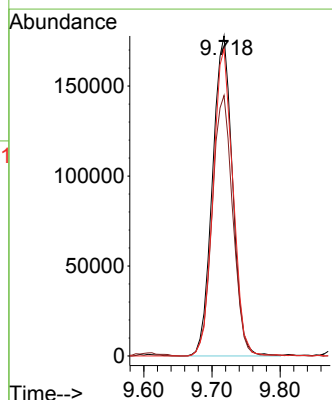
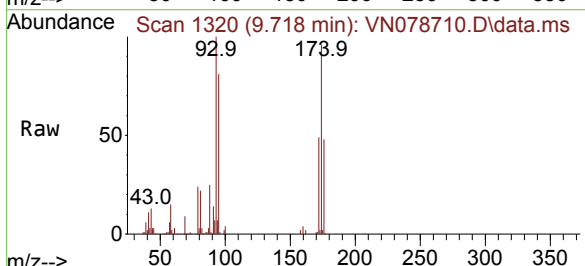
Tgt Ion: 93 Resp: 365251

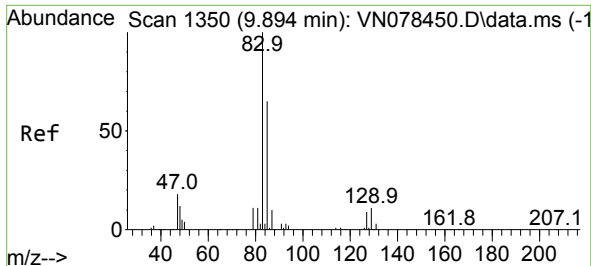
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 94.6 65.6 98.4

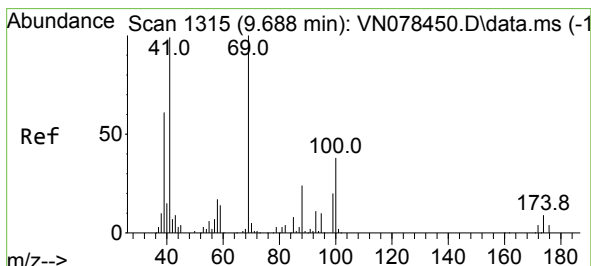
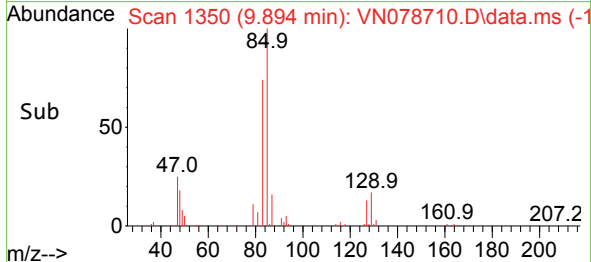
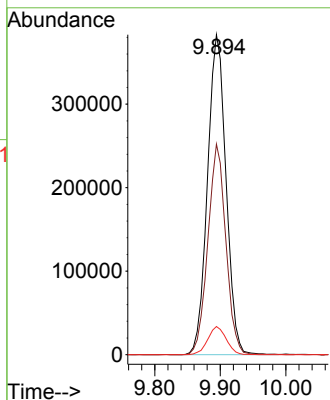
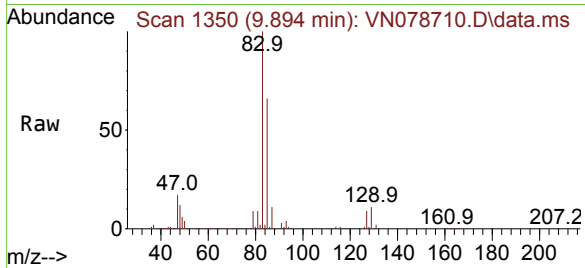




#47
Bromodichloromethane
Concen: 59.741 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

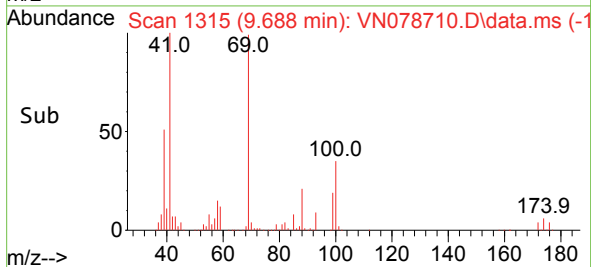
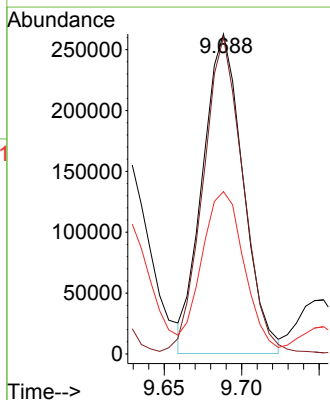
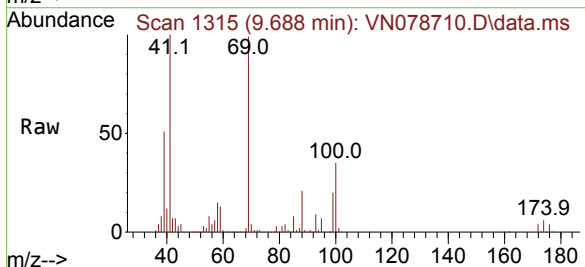
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

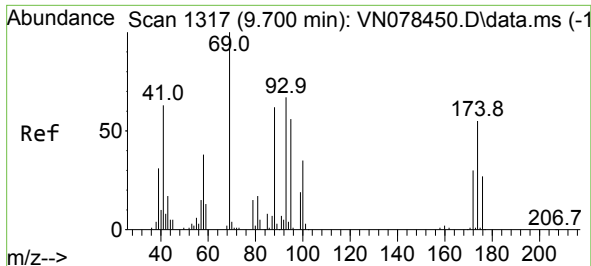
Tgt Ion: 83 Resp: 752293
Ion Ratio Lower Upper
83 100
85 65.8 49.6 74.4
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 63.009 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 41 Resp: 476554
Ion Ratio Lower Upper
41 100
69 98.5 90.4 135.6
39 53.9 54.6 81.8#





#49

1,4-Dioxane

Concen: 1169.961 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

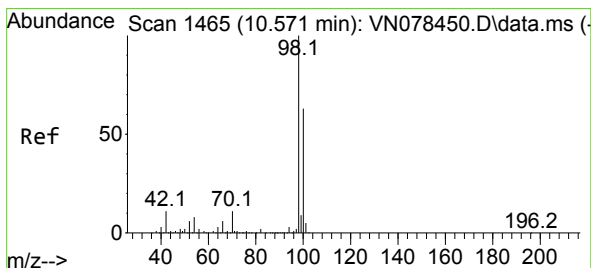
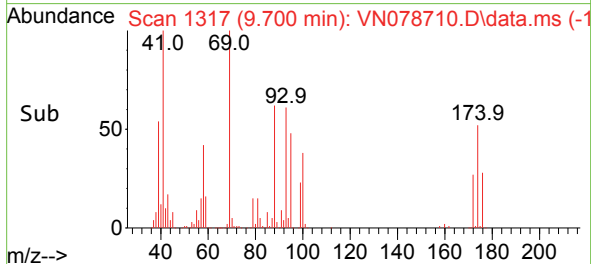
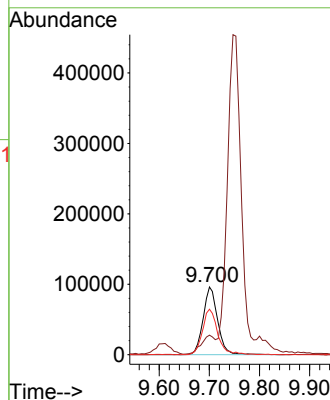
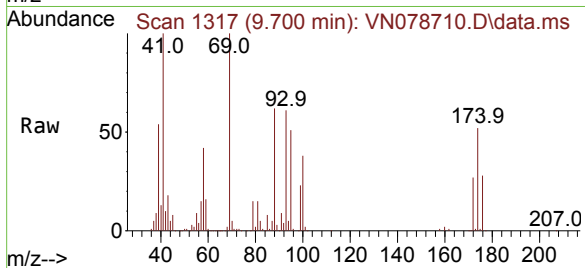
Tgt Ion: 88 Resp: 192975

Ion Ratio Lower Upper

88 100

43 26.5 17.0 25.6#

58 70.5 47.0 70.4#



#50

Toluene-d8

Concen: 53.417 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078710.D

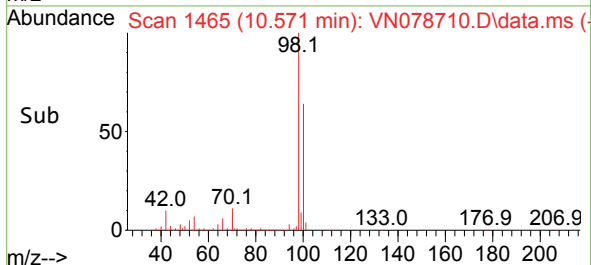
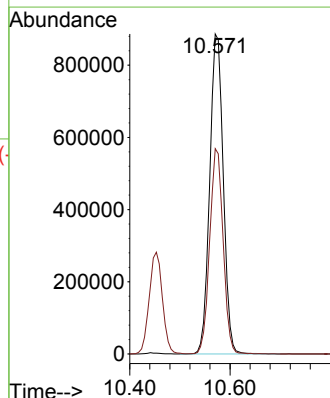
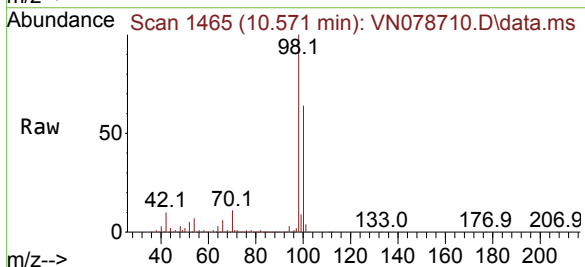
Acq: 31 Jul 2023 17:12

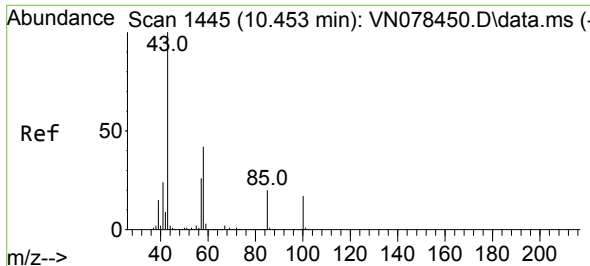
Tgt Ion: 98 Resp: 1662394

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

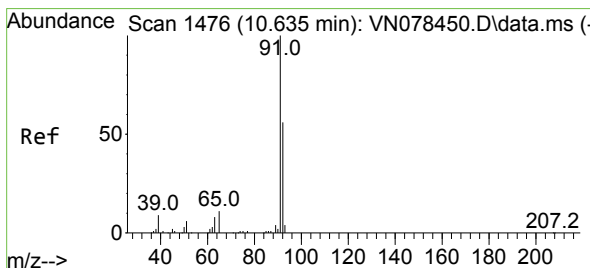
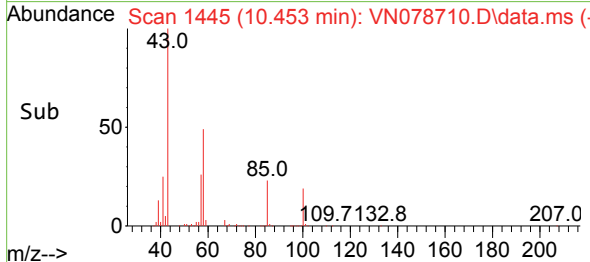
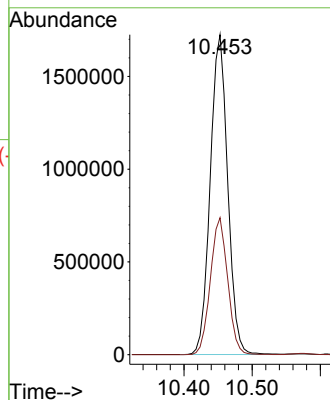
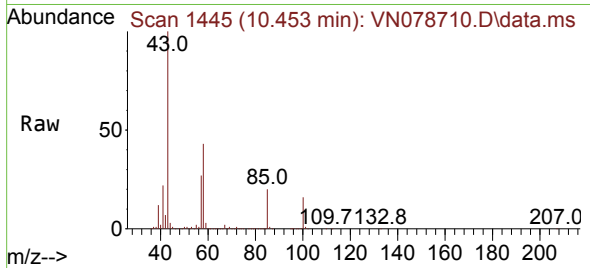




#51
4-Methyl-2-Pentanone
Concen: 316.717 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

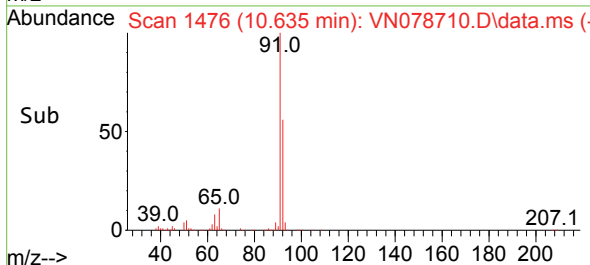
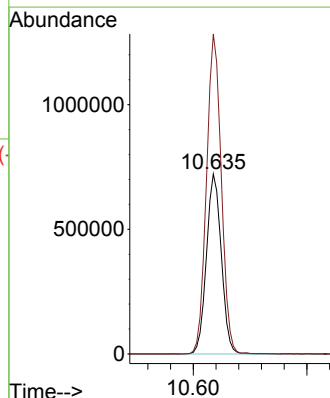
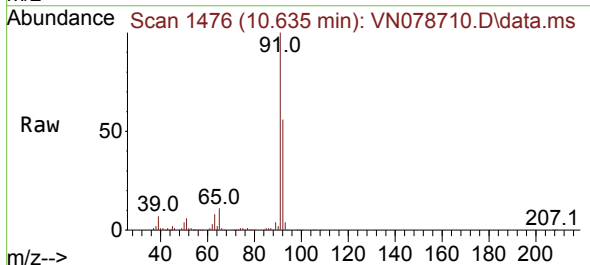
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

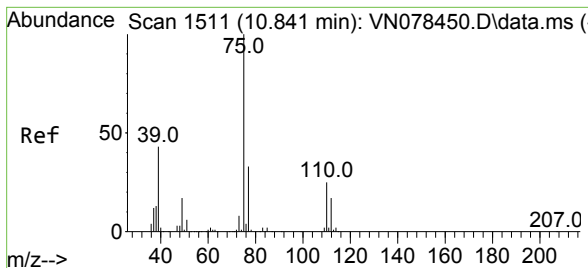
Tgt Ion: 43 Resp: 3075458
Ion Ratio Lower Upper
43 100
58 42.5 36.6 54.8



#52
Toluene
Concen: 59.792 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 92 Resp: 1305899
Ion Ratio Lower Upper
92 100
91 177.0 137.4 206.0

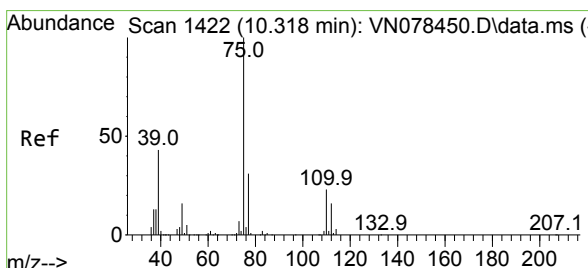
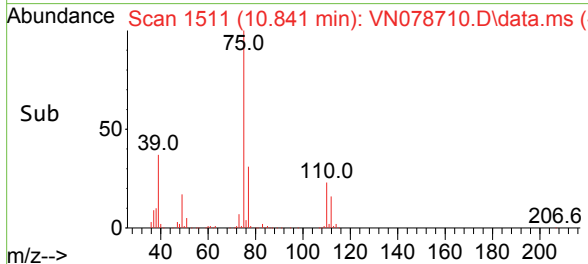
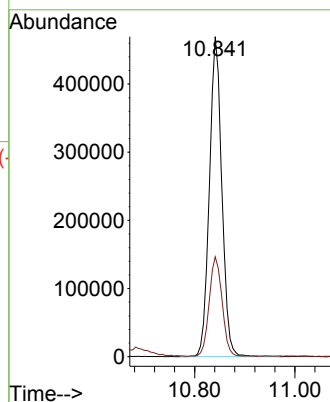
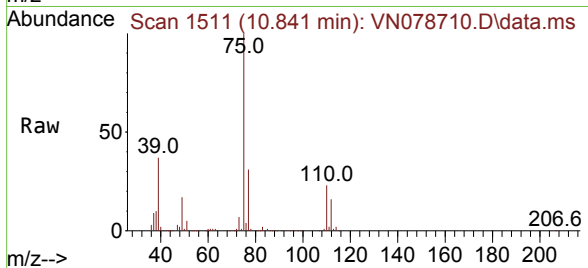




#53
 t-1,3-Dichloropropene
 Concen: 62.587 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078710.D
 Acq: 31 Jul 2023 17:12

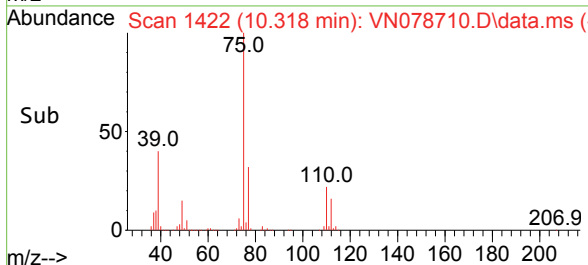
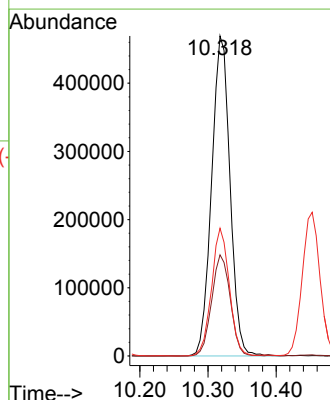
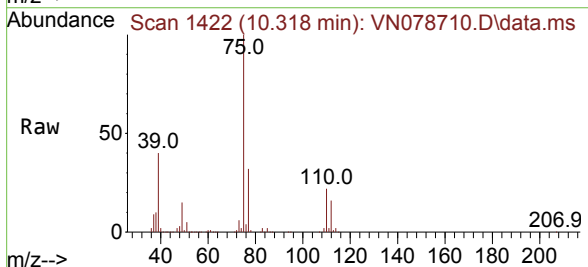
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

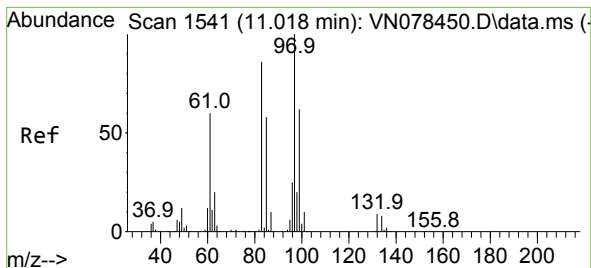
Tgt Ion: 75 Resp: 807405
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 64.185 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078710.D
 Acq: 31 Jul 2023 17:12

Tgt Ion: 75 Resp: 882632
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.1 39.1
 39 39.9 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 59.816 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.005 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 514730

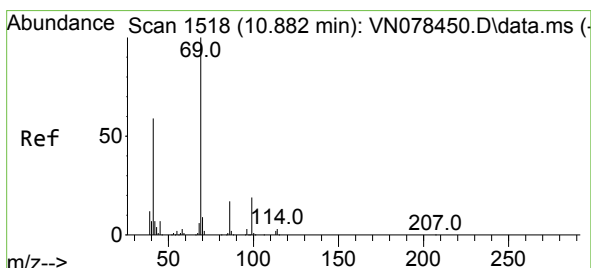
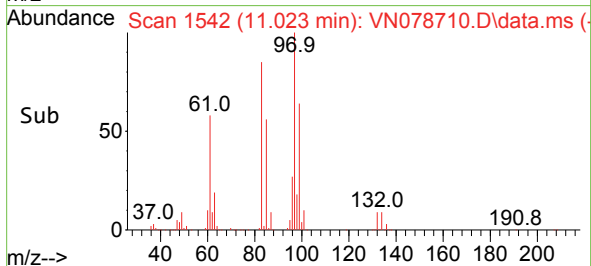
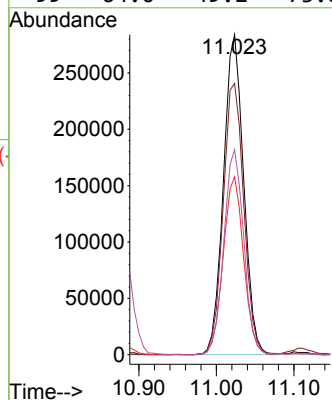
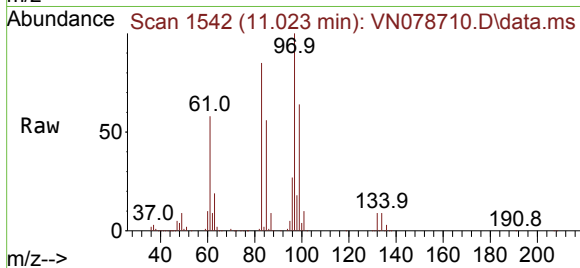
Ion Ratio Lower Upper

97 100

83 84.7 65.1 97.7

85 55.6 43.4 65.2

99 64.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 65.925 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

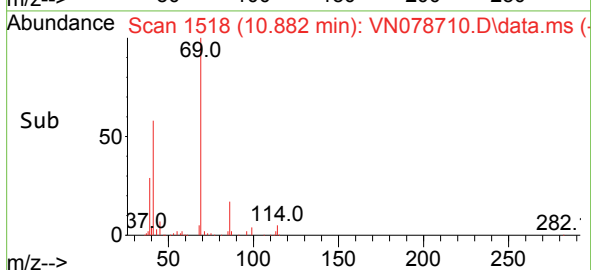
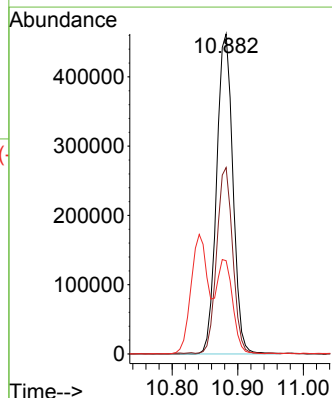
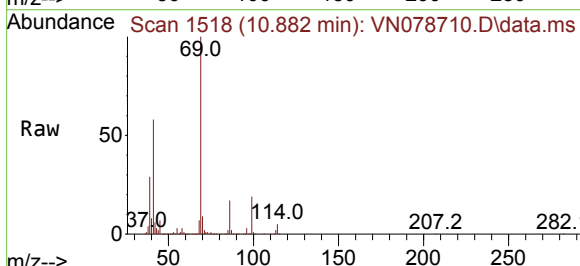
Tgt Ion: 69 Resp: 793018

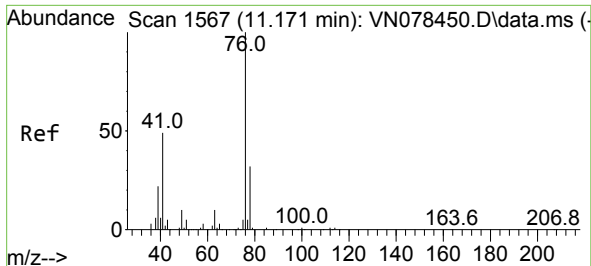
Ion Ratio Lower Upper

69 100

41 58.1 39.6 59.4

39 26.4 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 60.423 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

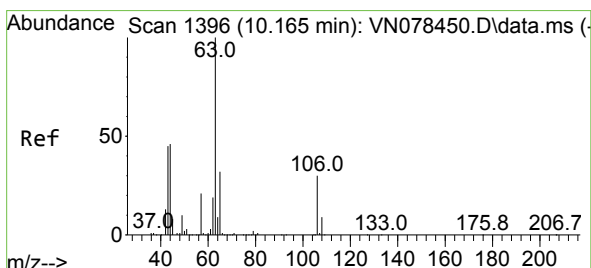
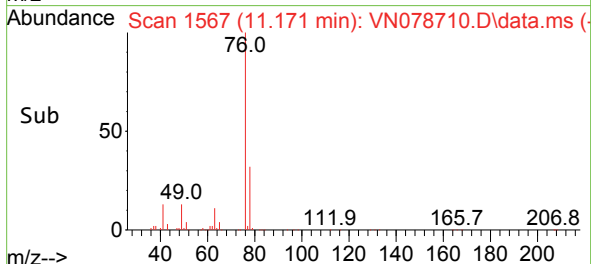
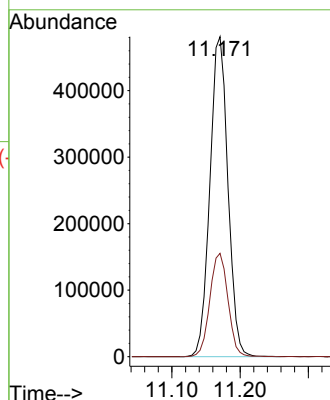
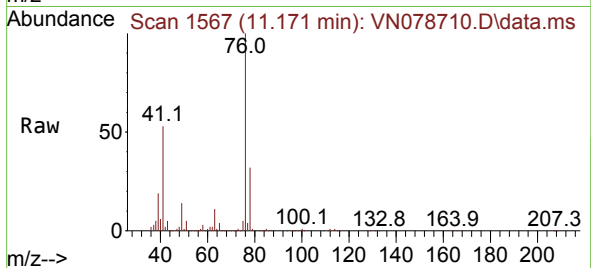
VSTDCCC050EC

Tgt Ion: 76 Resp: 884076

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 299.401 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078710.D

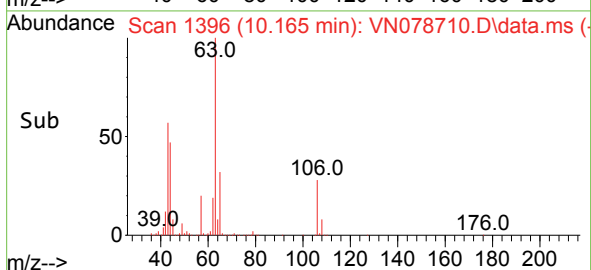
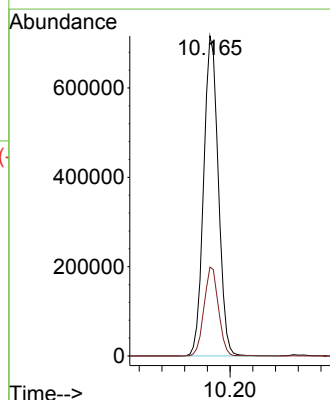
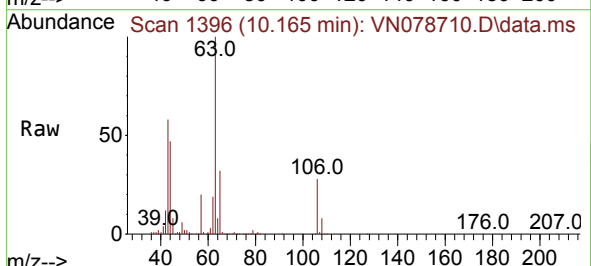
Acq: 31 Jul 2023 17:12

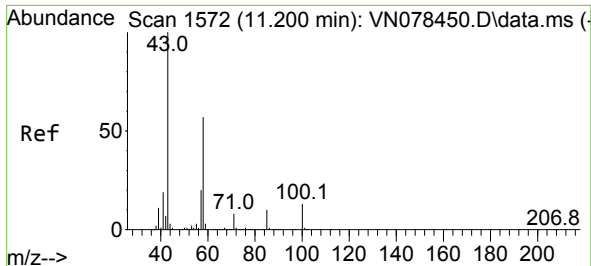
Tgt Ion: 63 Resp: 1283484

Ion Ratio Lower Upper

63 100

106 27.3 26.2 39.4

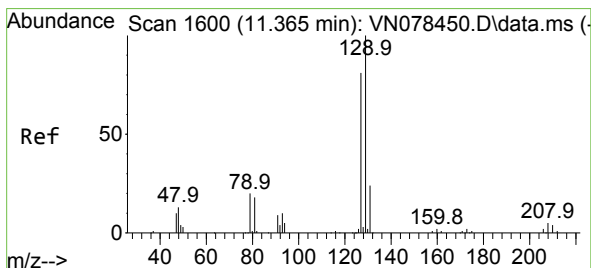
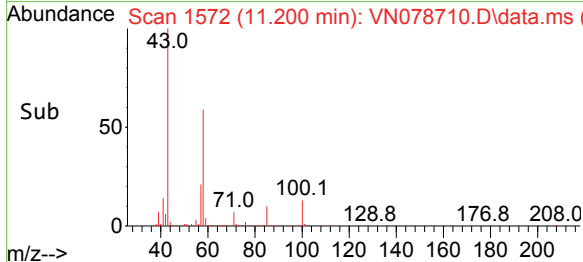
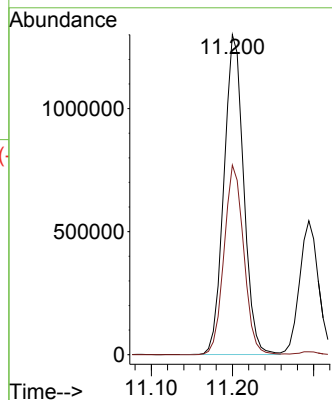
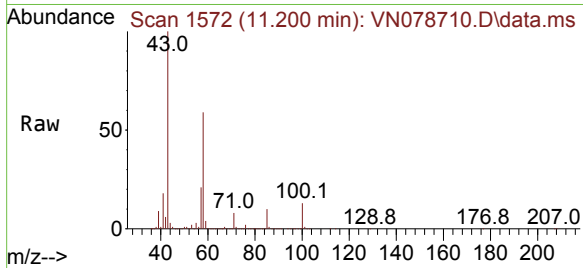




#59
2-Hexanone
Concen: 318.693 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

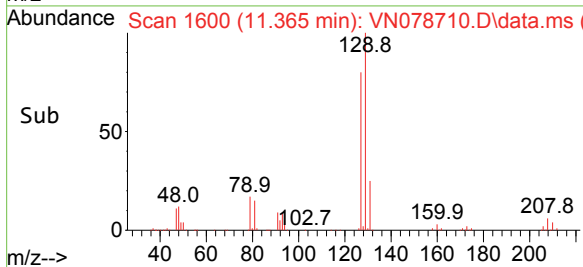
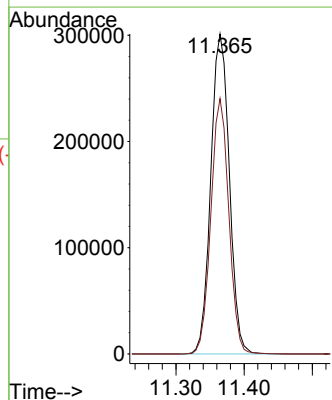
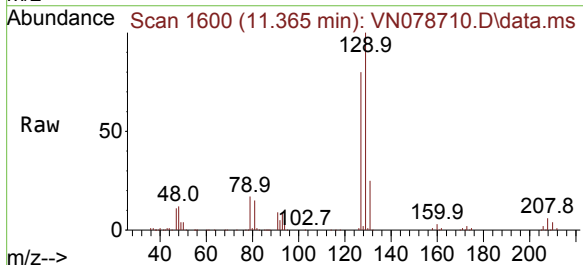
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

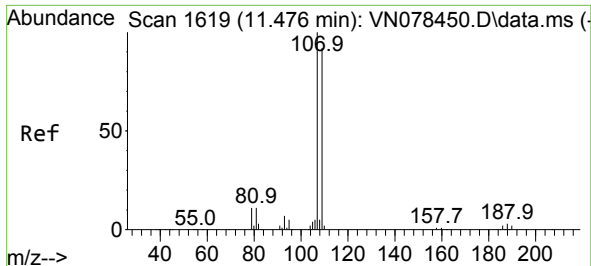
Tgt Ion: 43 Resp: 2199398
Ion Ratio Lower Upper
43 100
58 59.2 31.7 95.1



#60
Dibromochloromethane
Concen: 60.084 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 129 Resp: 570795
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0

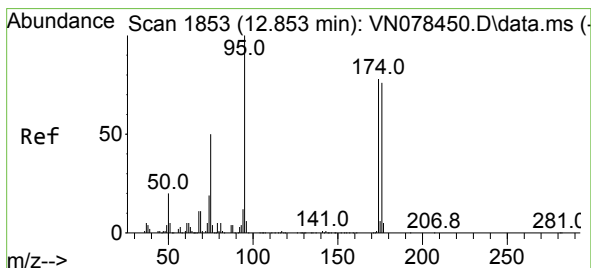
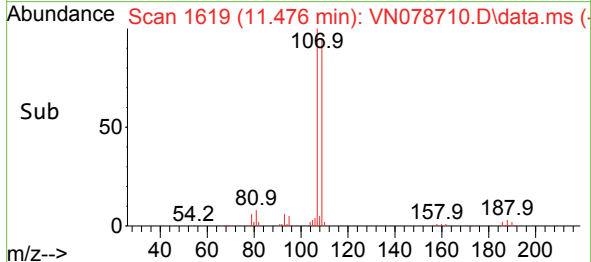
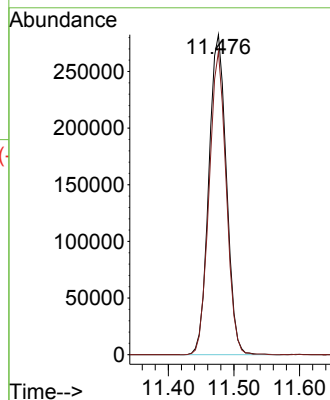
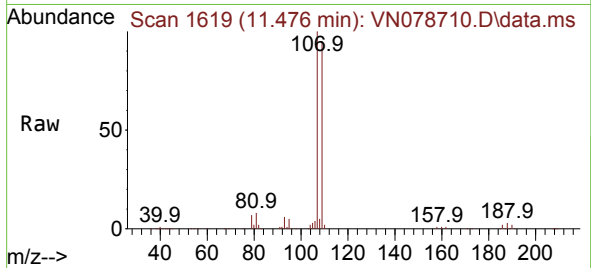




#61
1,2-Dibromoethane
Concen: 59.385 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

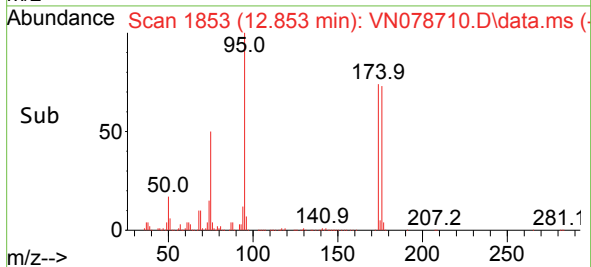
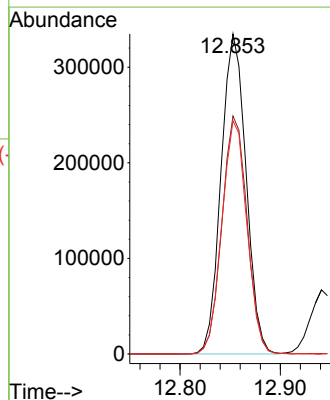
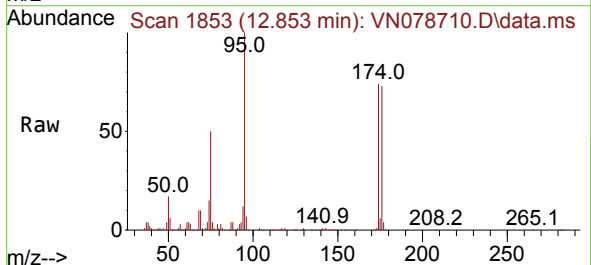
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

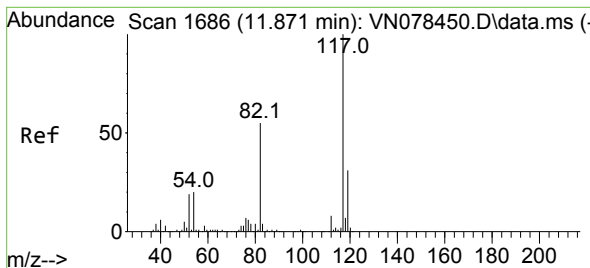
Tgt Ion:107 Resp: 526418
Ion Ratio Lower Upper
107 100
109 92.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 60.425 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 95 Resp: 579222
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 73.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

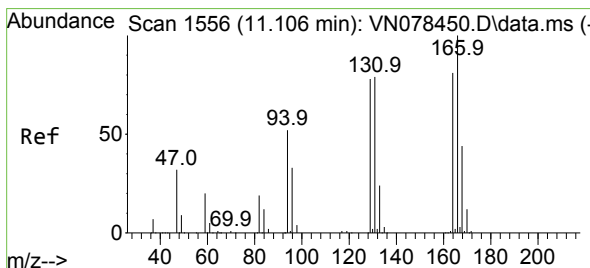
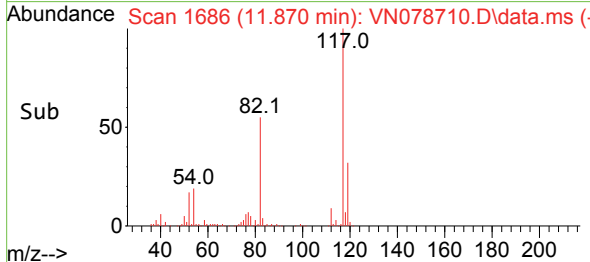
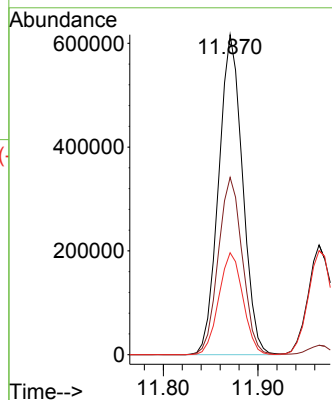
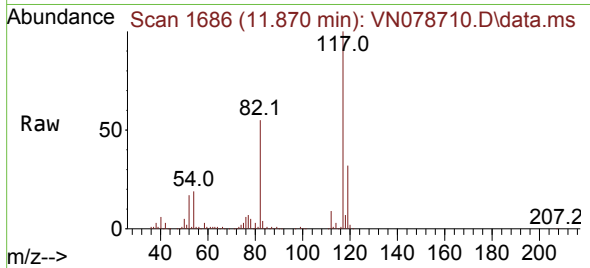
Tgt Ion:117 Resp: 1080325

Ion Ratio Lower Upper

117 100

82 55.4 44.0 66.0

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 52.430 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Tgt Ion:164 Resp: 425847

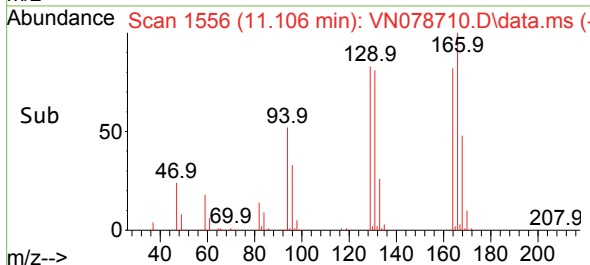
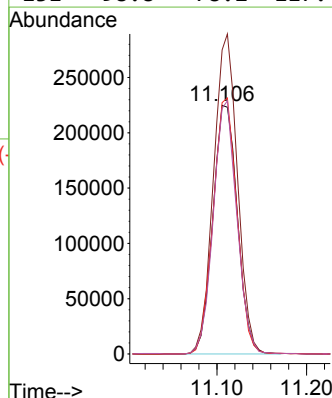
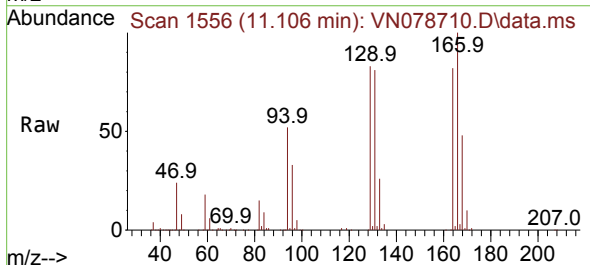
Ion Ratio Lower Upper

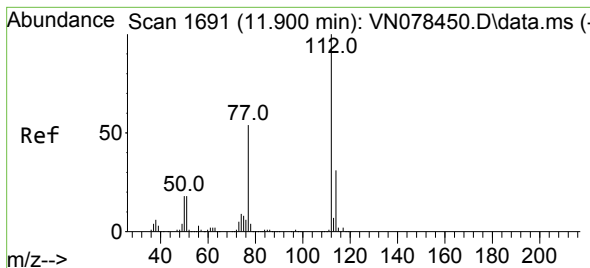
164 100

166 122.3 101.4 152.0

129 101.1 82.4 123.6

131 98.8 78.2 117.4





#65

Chlorobenzene

Concen: 56.842 ug/l

RT: 11.900 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

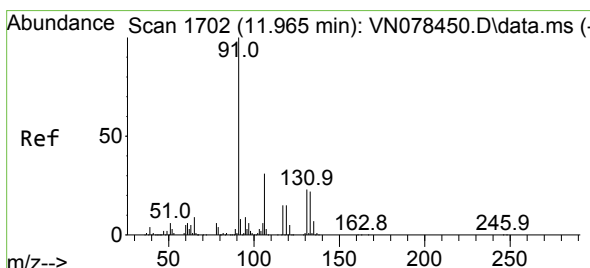
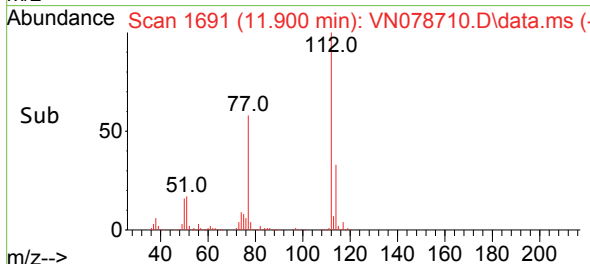
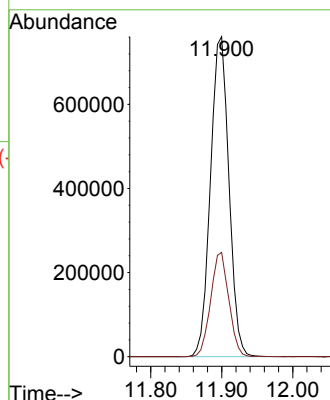
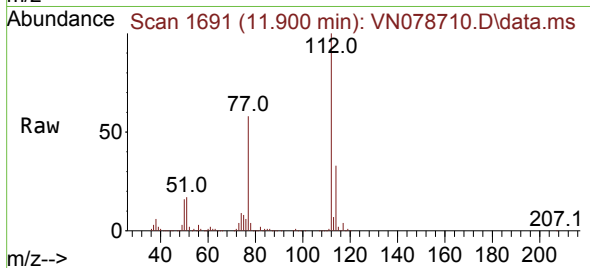
VSTDCCC050EC

Tgt Ion:112 Resp: 1372615

Ion Ratio Lower Upper

112 100

114 32.6 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 56.649 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

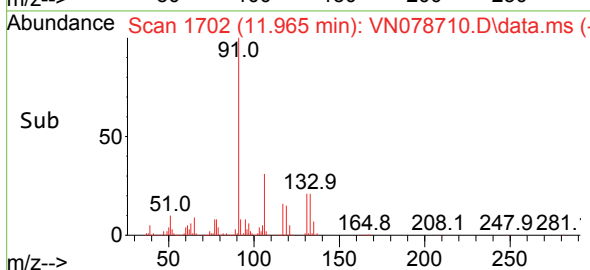
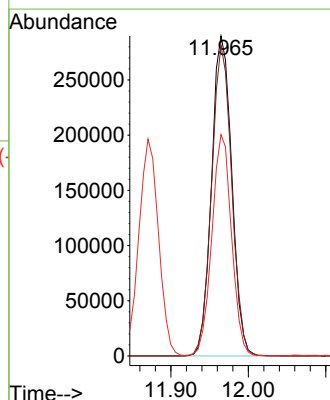
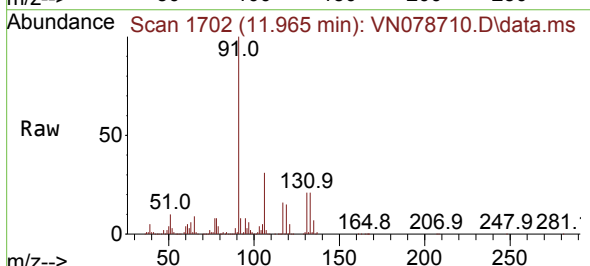
Tgt Ion:131 Resp: 526247

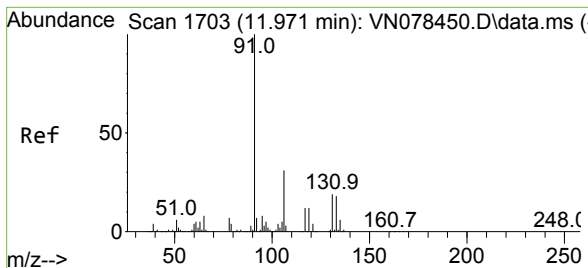
Ion Ratio Lower Upper

131 100

133 96.6 46.4 139.1

119 67.3 34.1 102.2

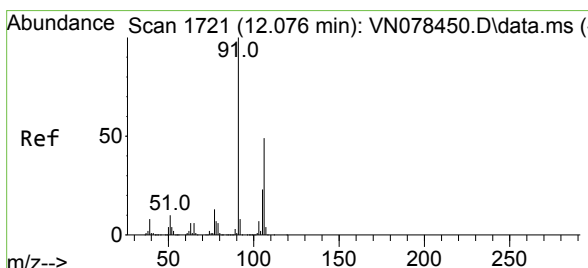
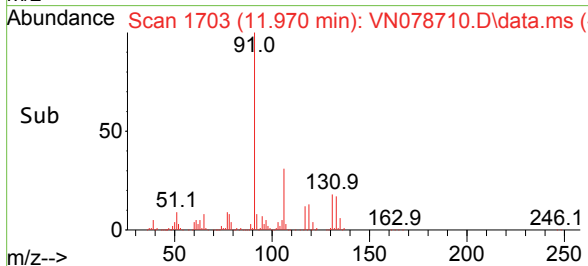
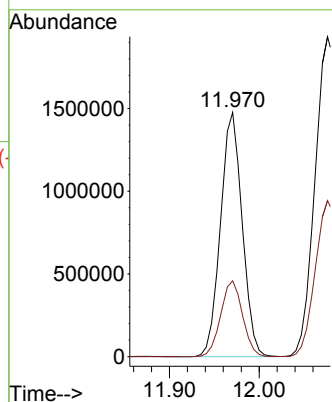
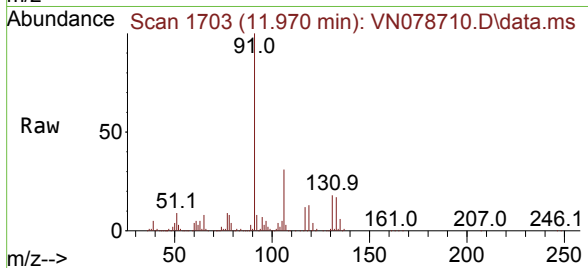




#67
Ethyl Benzene
Concen: 60.645 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

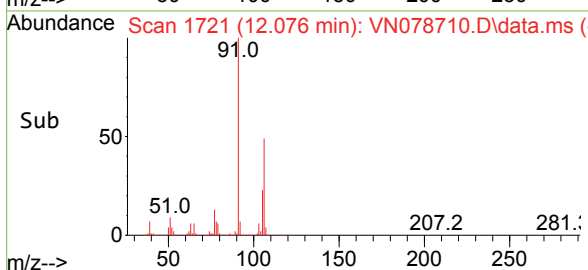
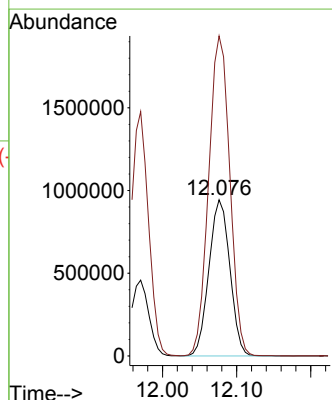
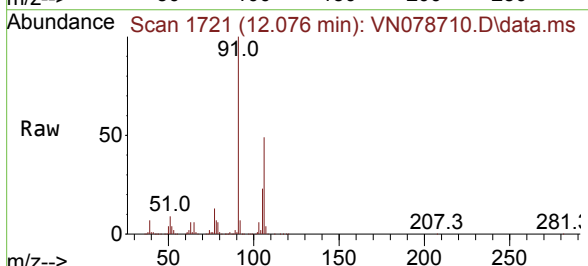
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

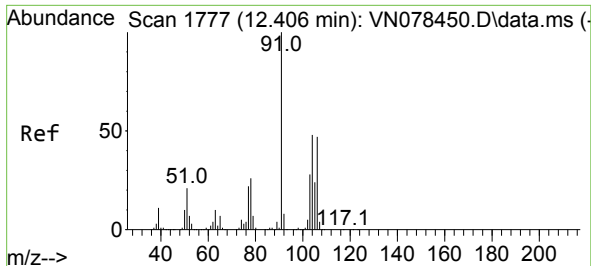
Tgt Ion: 91 Resp: 2475379
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4



#68
m/p-Xylenes
Concen: 122.758 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion:106 Resp: 1852615
Ion Ratio Lower Upper
106 100
91 207.1 159.6 239.4

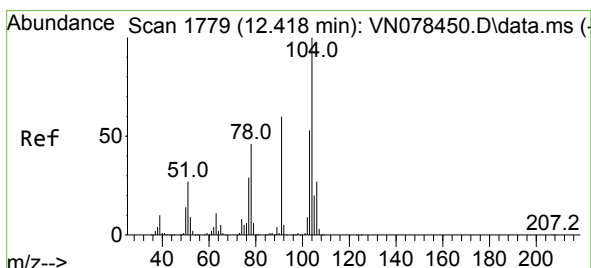
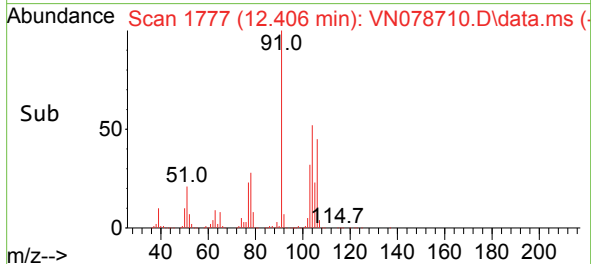
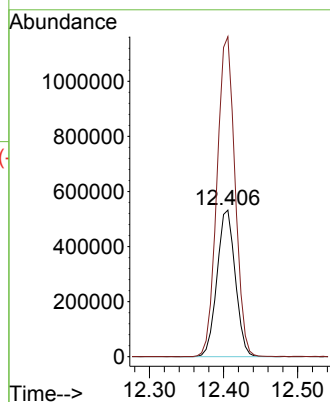
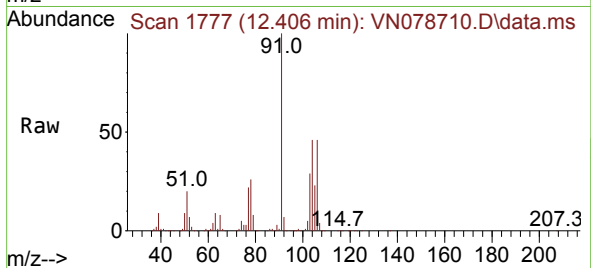




#69
o-Xylene
Concen: 59.711 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

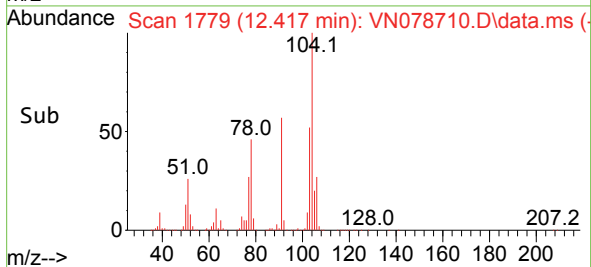
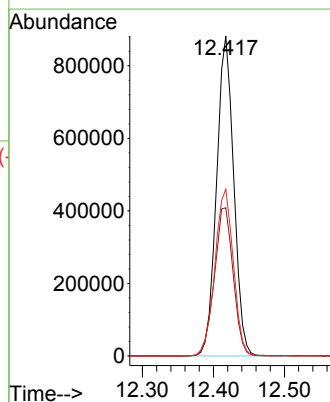
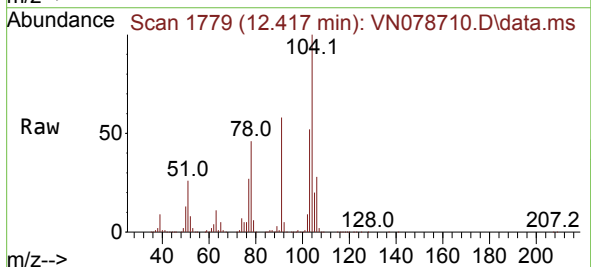
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

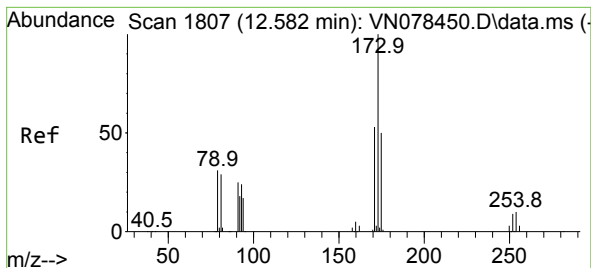
Tgt Ion:106 Resp: 910184
Ion Ratio Lower Upper
106 100
91 216.2 105.2 315.5



#70
Styrene
Concen: 61.956 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion:104 Resp: 1477510
Ion Ratio Lower Upper
104 100
78 50.9 39.5 59.3
103 56.0 43.2 64.8





#71

Bromoform

Concen: 61.550 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

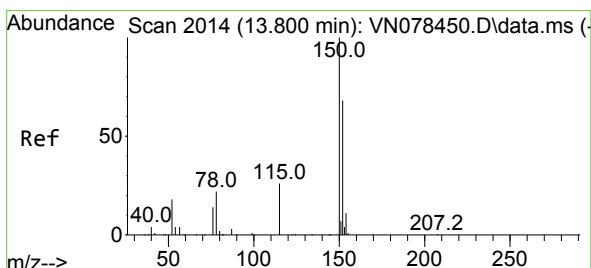
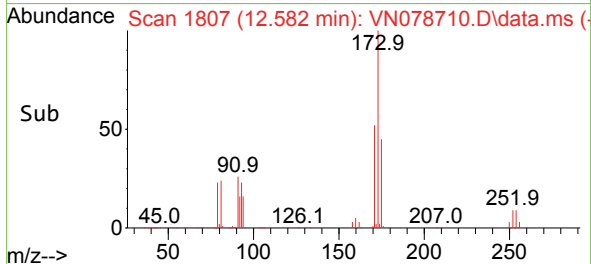
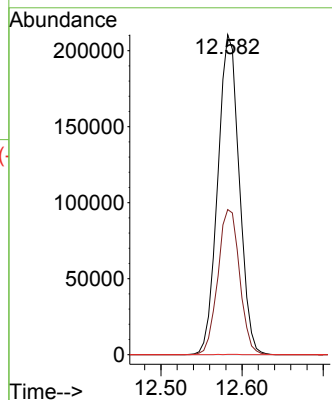
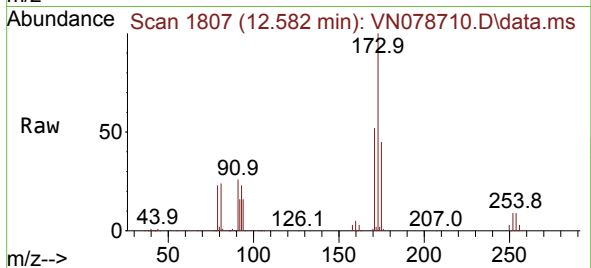
Tgt Ion:173 Resp: 387241

Ion Ratio Lower Upper

173 100

175 45.9 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

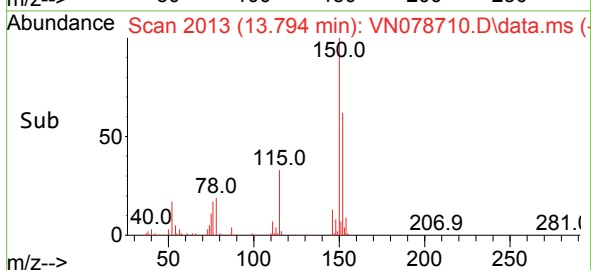
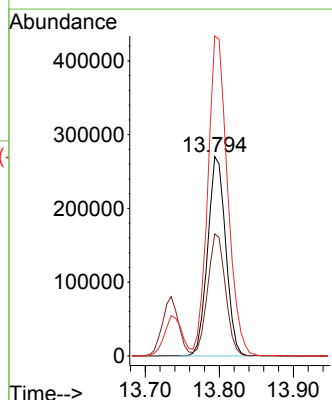
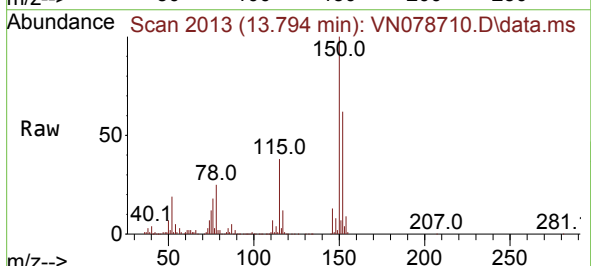
Tgt Ion:152 Resp: 457285

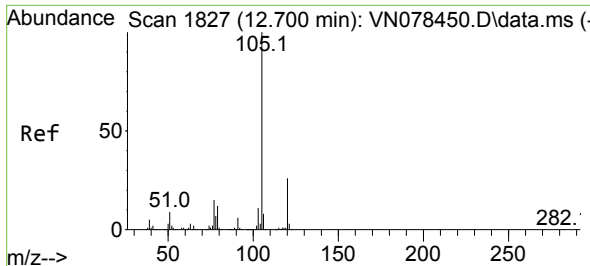
Ion Ratio Lower Upper

152 100

115 60.2 32.3 96.8

150 175.5 0.0 355.8

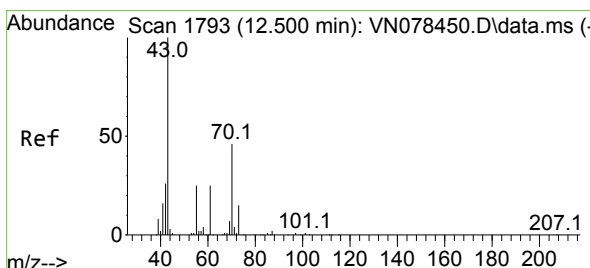
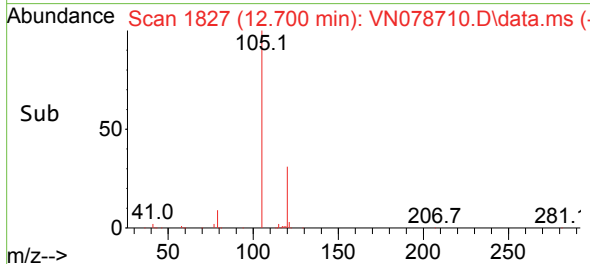
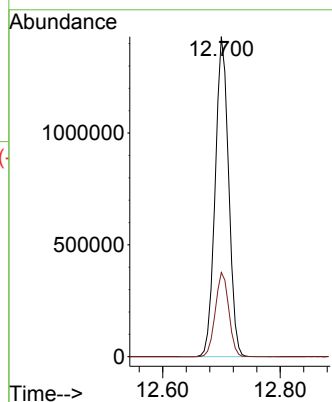
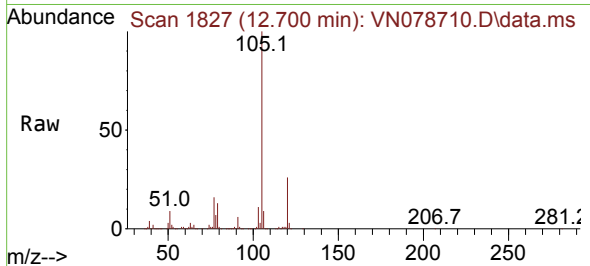




#73
Isopropylbenzene
Concen: 52.809 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

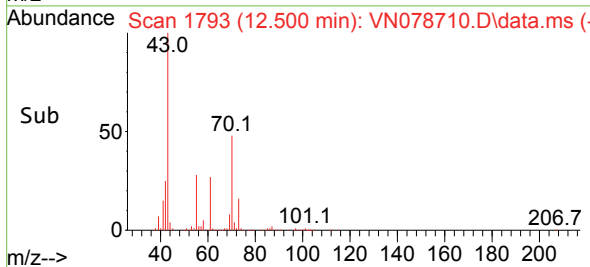
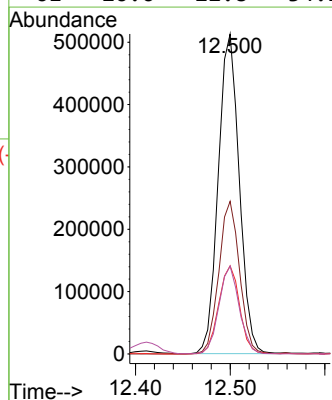
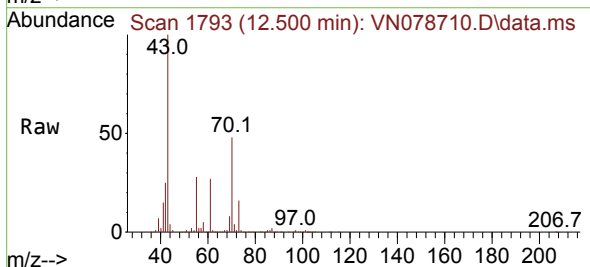
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

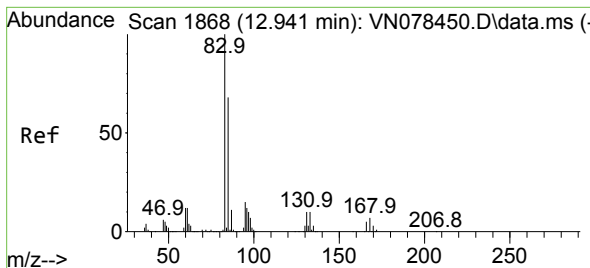
Tgt Ion:105 Resp: 2269133
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 53.364 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 43 Resp: 790200
Ion Ratio Lower Upper
43 100
70 47.3 43.4 65.2
55 27.5 21.4 32.0
61 26.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 61.226 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

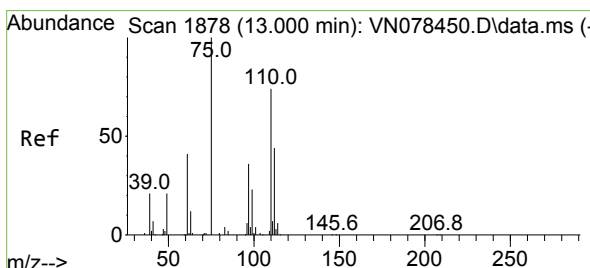
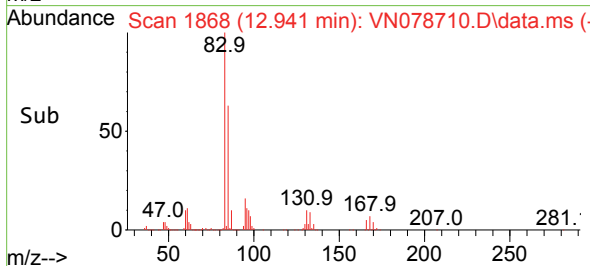
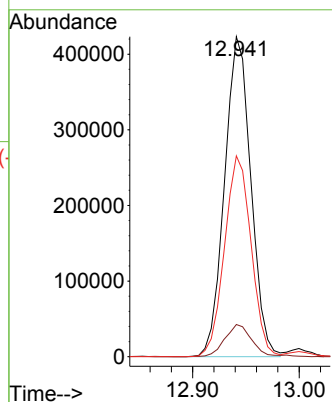
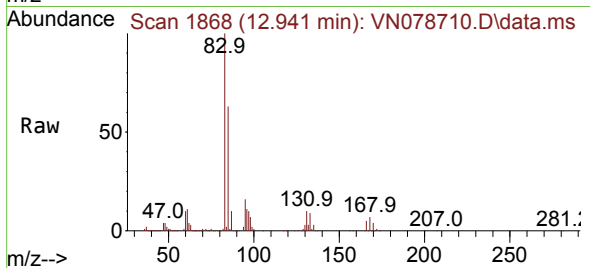
Tgt Ion: 83 Resp: 726444

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

85 63.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 80.620 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078710.D

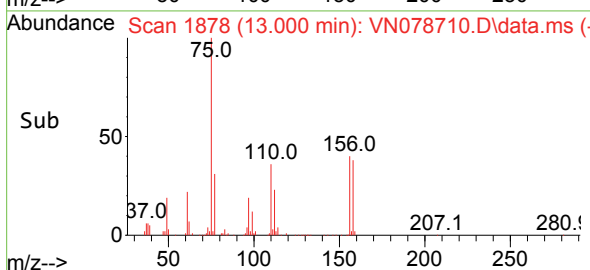
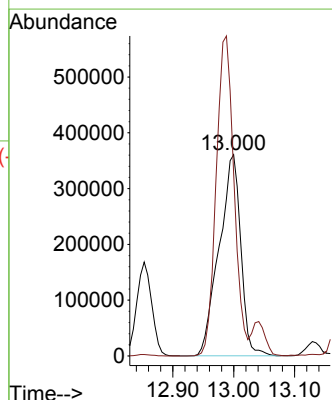
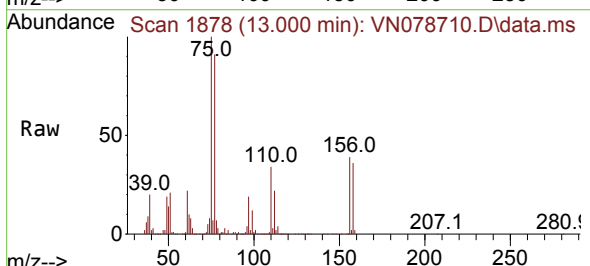
Acq: 31 Jul 2023 17:12

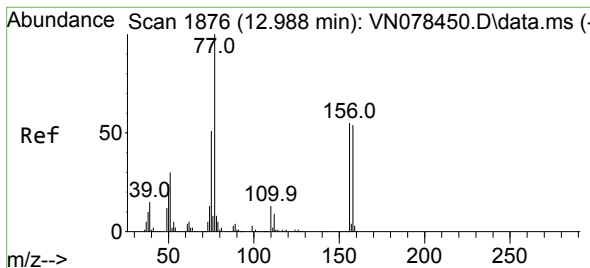
Tgt Ion: 75 Resp: 891101

Ion Ratio Lower Upper

75 100

77 130.6 84.5 253.5





#77

Bromobenzene

Concen: 57.668 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

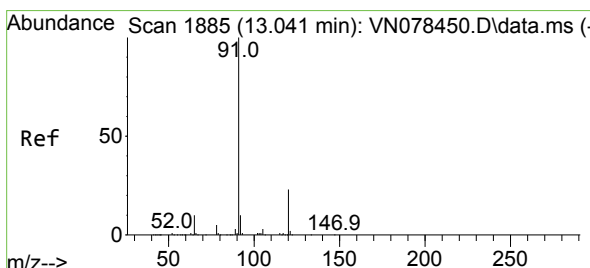
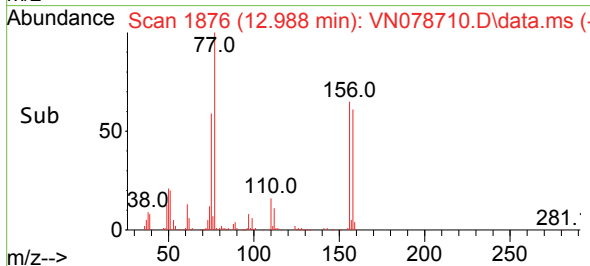
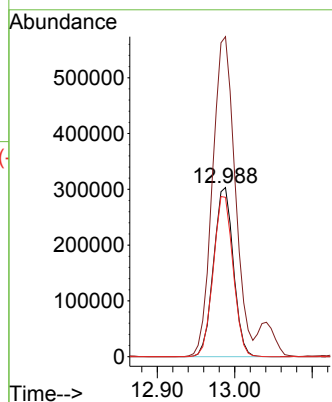
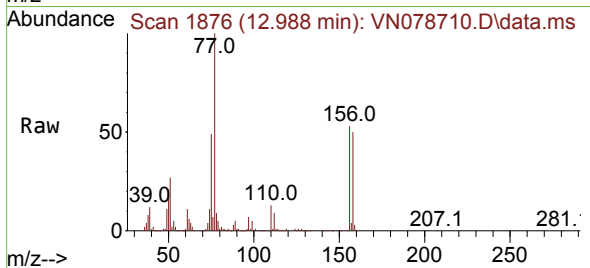
Tgt Ion:156 Resp: 536649

Ion Ratio Lower Upper

156 100

77 216.8 107.7 323.3

158 95.2 48.4 145.3



#78

n-propylbenzene

Concen: 55.076 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078710.D

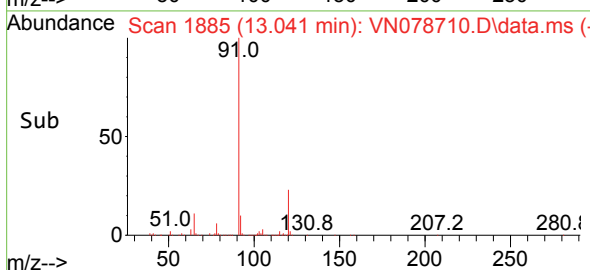
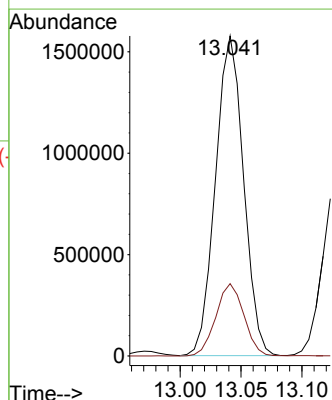
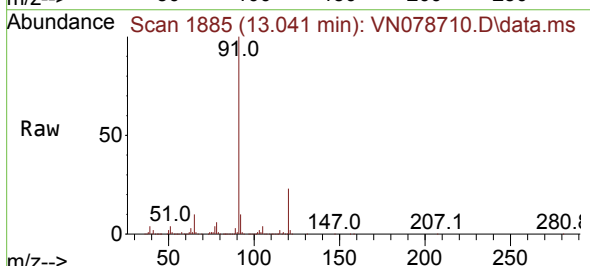
Acq: 31 Jul 2023 17:12

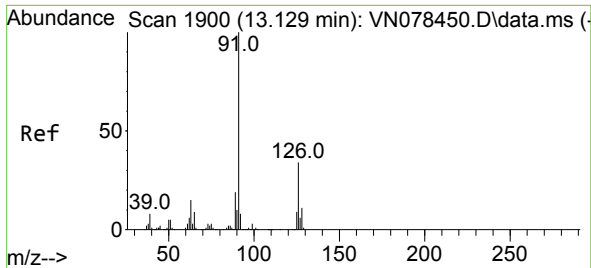
Tgt Ion: 91 Resp: 2530871

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

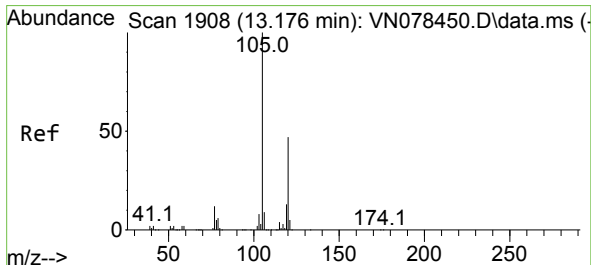
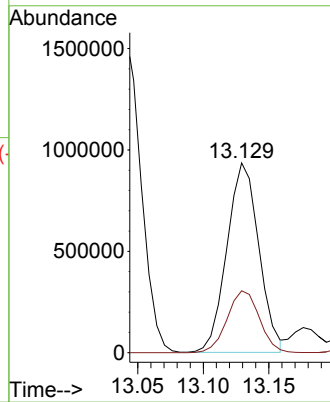
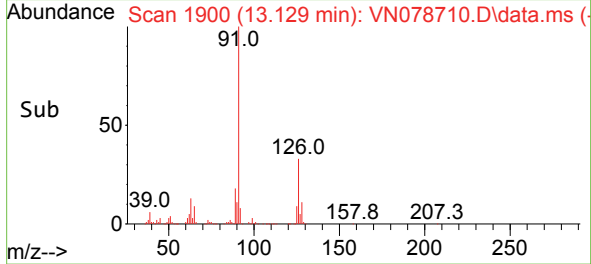
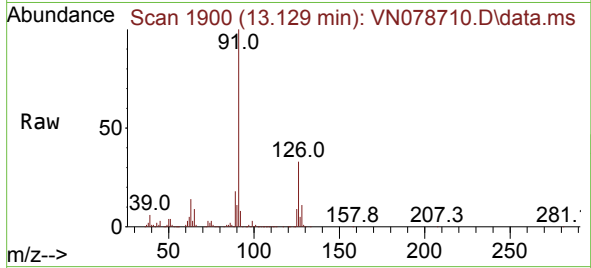




#79
2-Chlorotoluene
Concen: 52.709 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

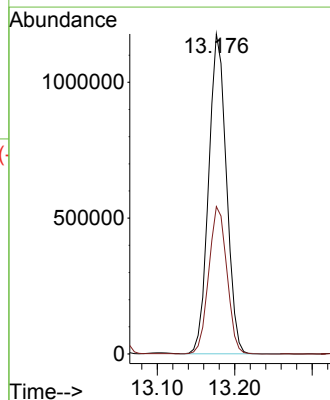
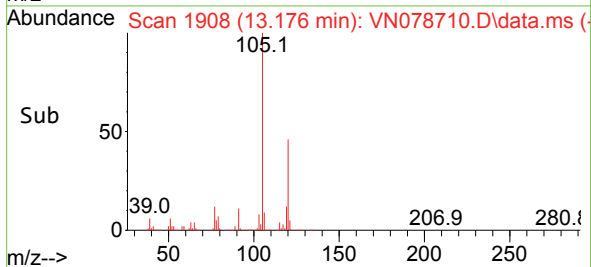
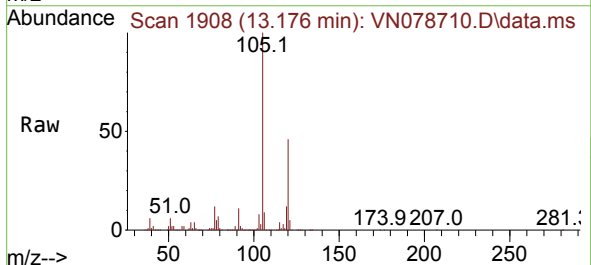
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

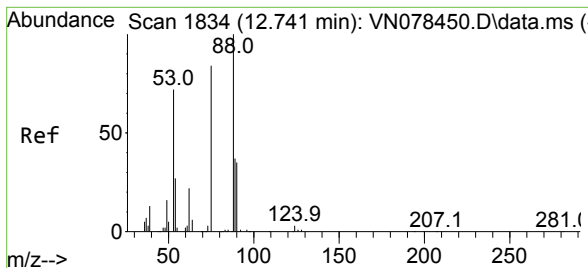
Tgt Ion: 91 Resp: 1586503
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 55.142 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 105 Resp: 1872079
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3

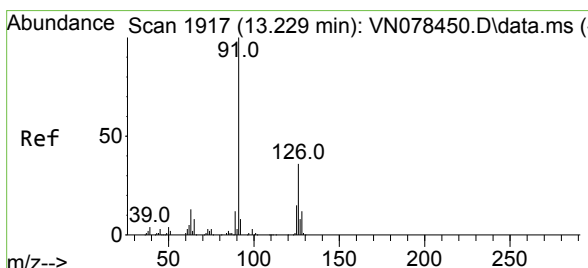
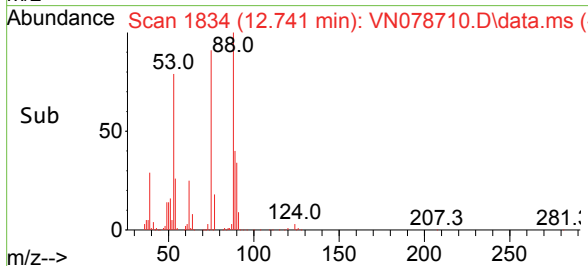
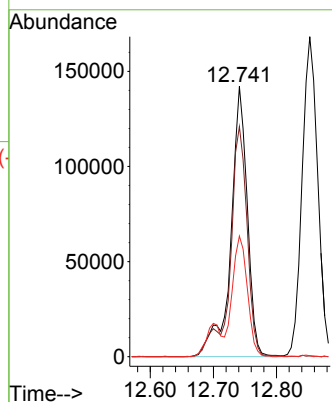
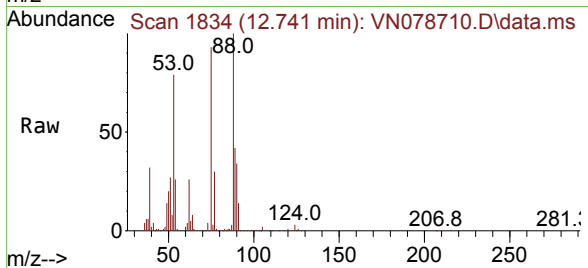




#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.786 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN078710.D
 Acq: 31 Jul 2023 17:12

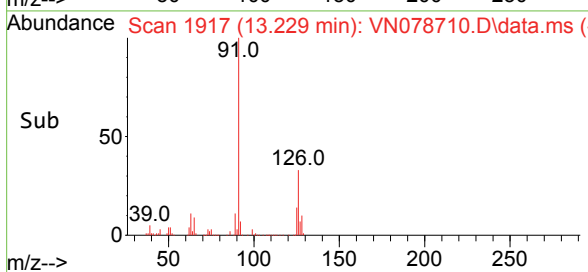
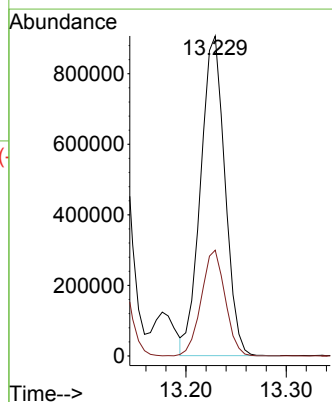
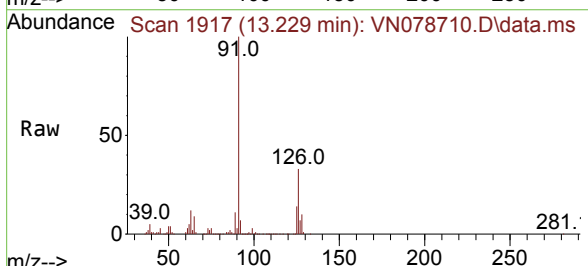
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

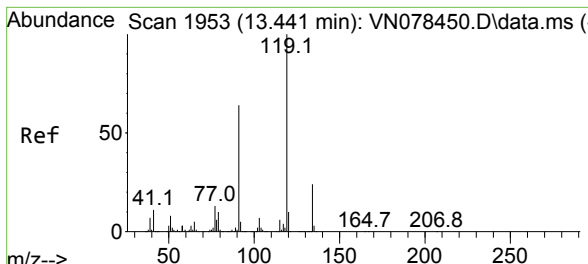
Tgt Ion: 75 Resp: 259886
 Ion Ratio Lower Upper
 75 100
 53 77.7 67.4 101.2
 89 39.9 38.8 58.2



#82
 4-Chlorotoluene
 Concen: 54.332 ug/l
 RT: 13.229 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VN078710.D
 Acq: 31 Jul 2023 17:12

Tgt Ion: 91 Resp: 1525572
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.7 50.0

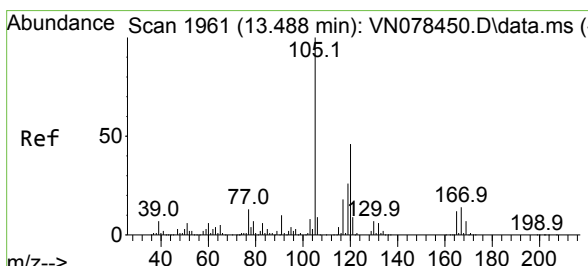
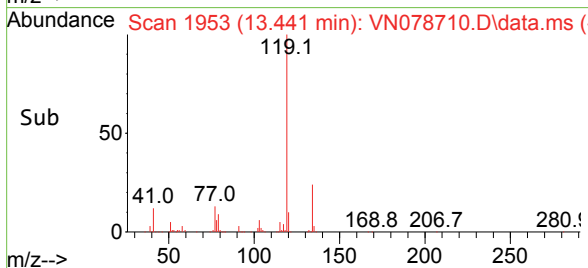
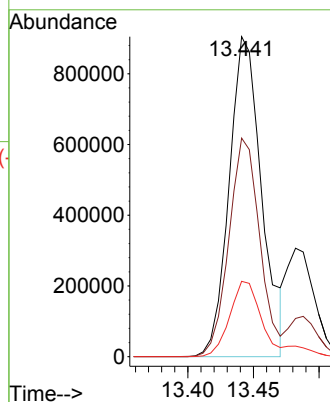
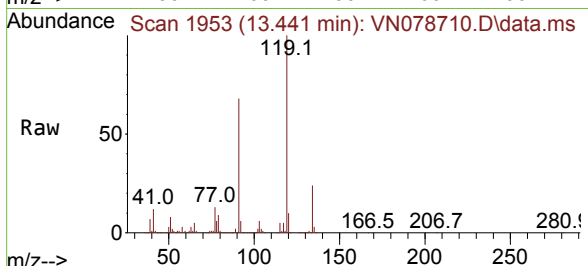




#83
 tert-Butylbenzene
 Concen: 54.133 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN078710.D
 Acq: 31 Jul 2023 17:12

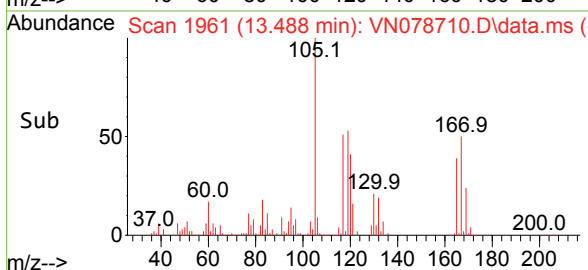
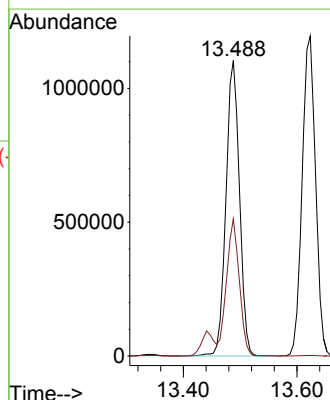
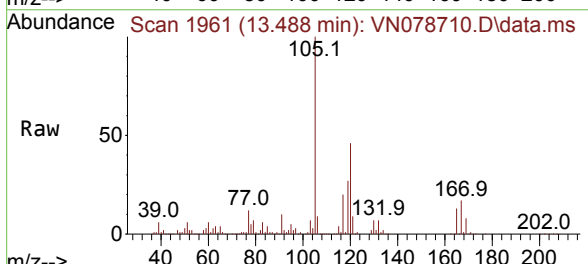
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

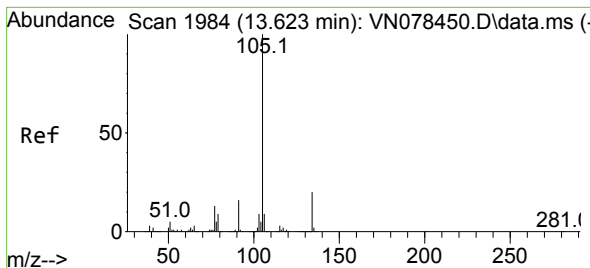
Tgt Ion:119 Resp: 1560352
 Ion Ratio Lower Upper
 119 100
 91 65.0 33.9 101.7
 134 25.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 55.380 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078710.D
 Acq: 31 Jul 2023 17:12

Tgt Ion:105 Resp: 1826260
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 53.522 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

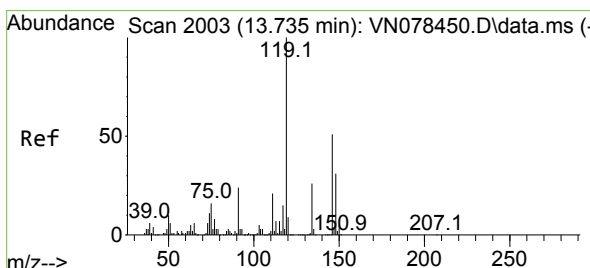
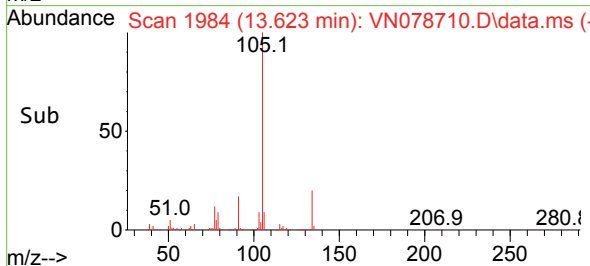
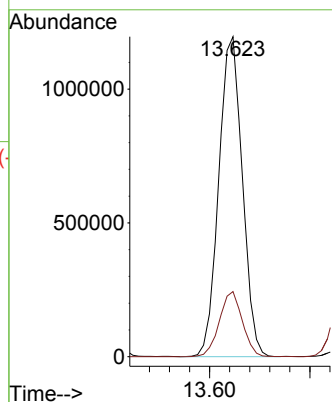
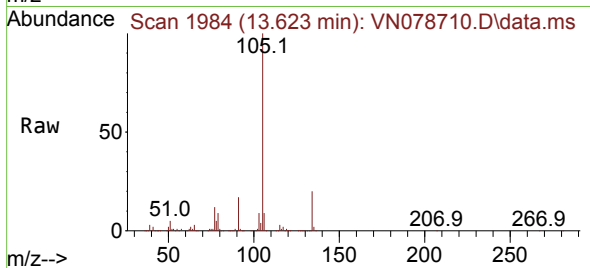
VSTDCCC050EC

Tgt Ion:105 Resp: 1950008

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 54.777 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

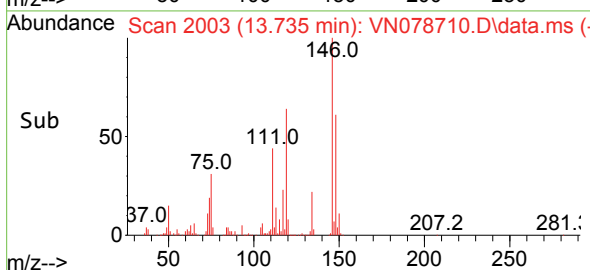
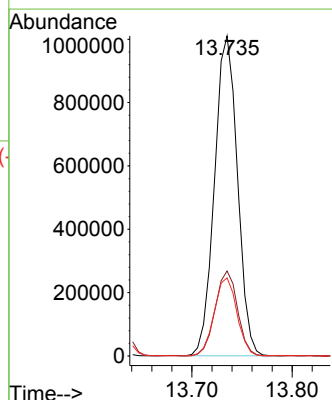
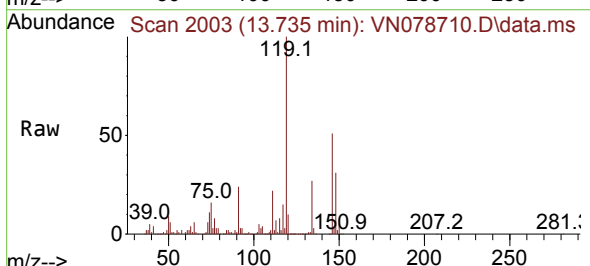
Tgt Ion:119 Resp: 1602491

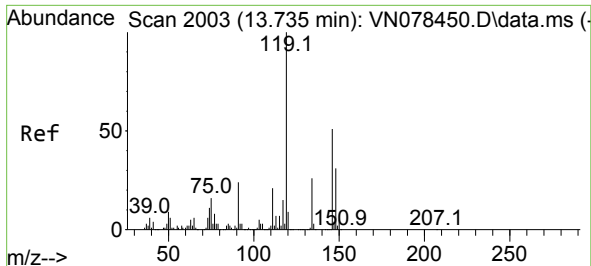
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 24.1 12.4 37.2

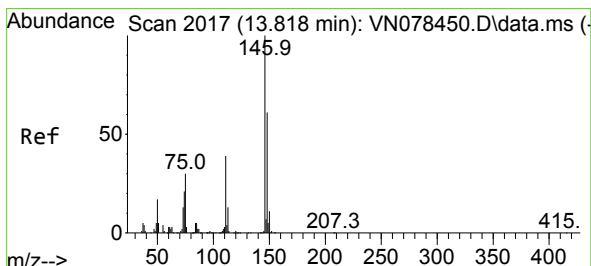
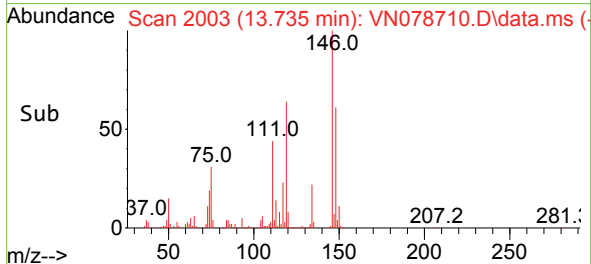
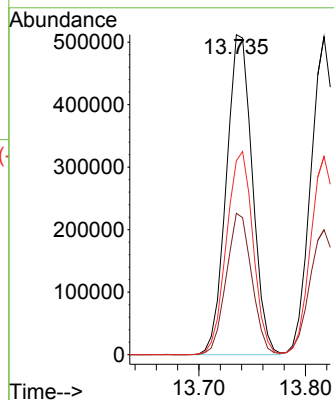
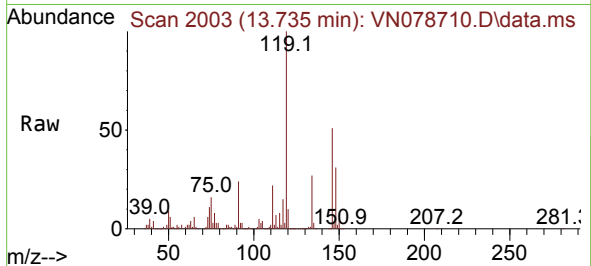




#87
1,3-Dichlorobenzene
Concen: 52.753 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

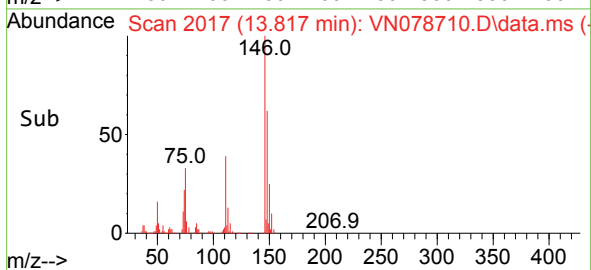
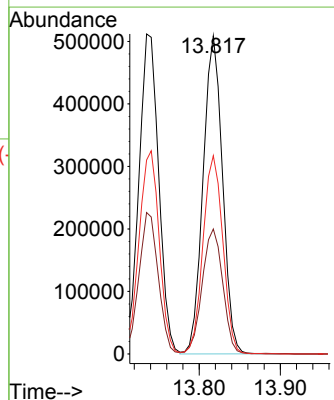
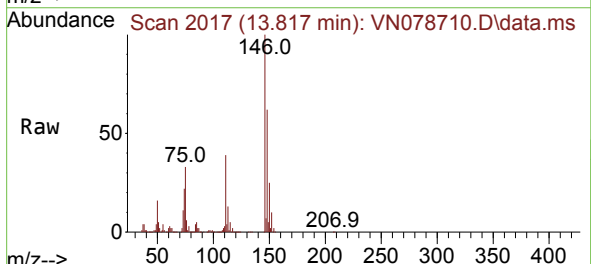
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

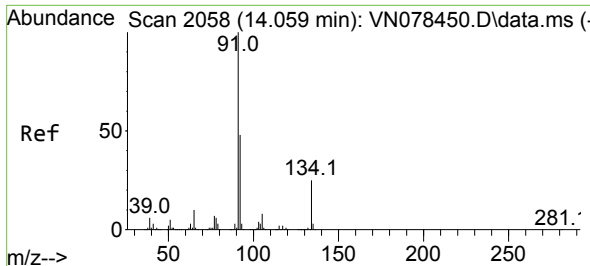
Tgt Ion:146 Resp: 870182
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 64.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 50.737 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion:146 Resp: 842998
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.8
148 63.9 31.6 94.8

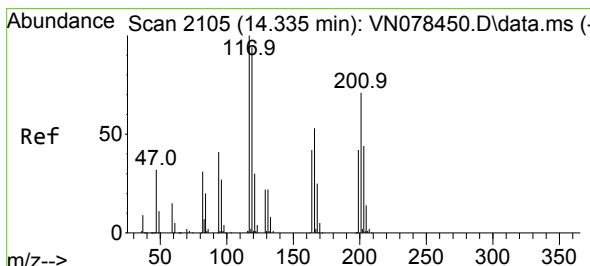
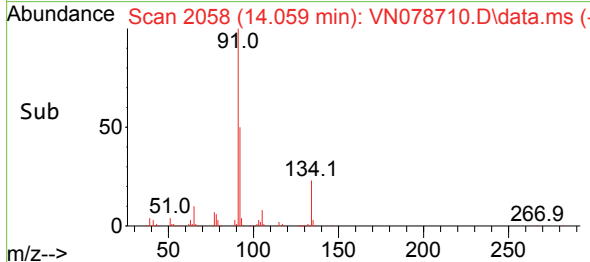
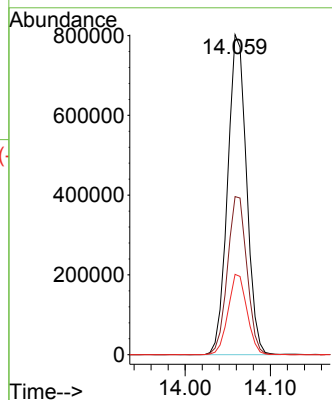
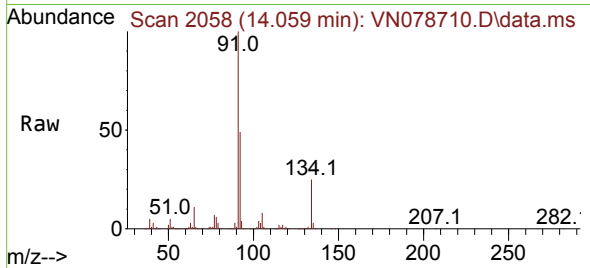




#89
n-Butylbenzene
Concen: 59.166 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

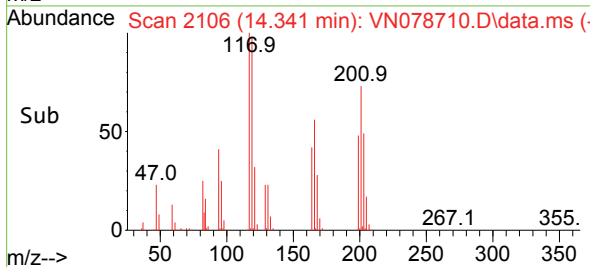
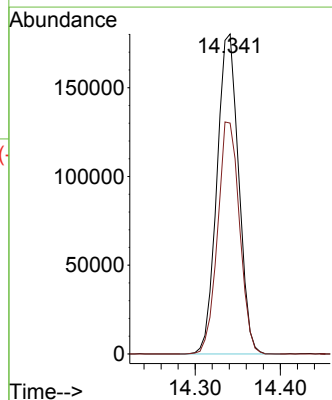
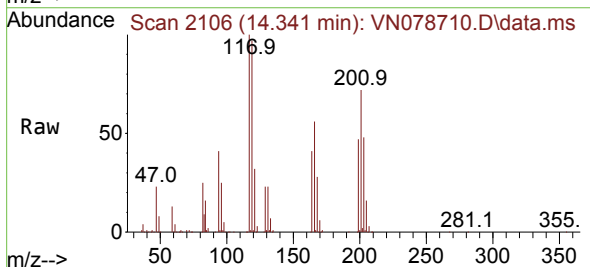
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

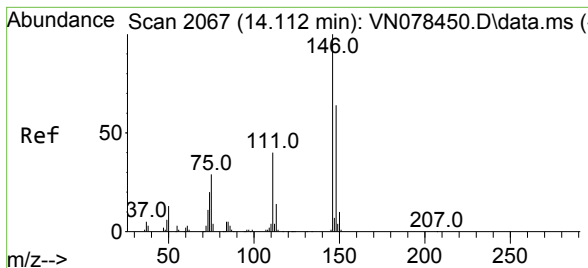
Tgt Ion: 91 Resp: 1238476
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 25.2 12.6 37.6



#90
Hexachloroethane
Concen: 59.496 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078710.D
Acq: 31 Jul 2023 17:12

Tgt Ion: 117 Resp: 319077
Ion Ratio Lower Upper
117 100
201 73.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 52.206 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

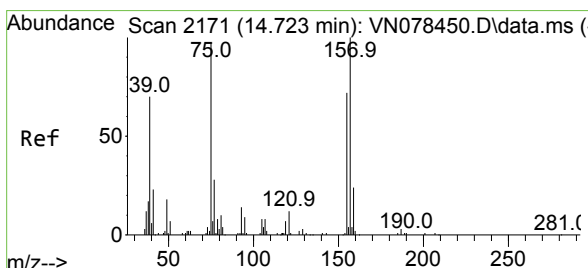
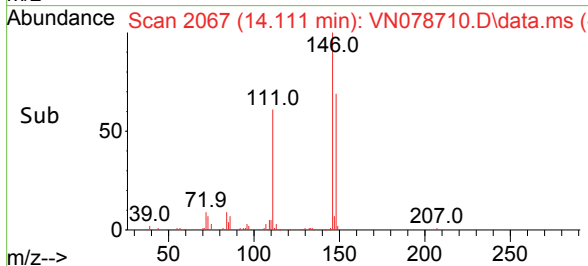
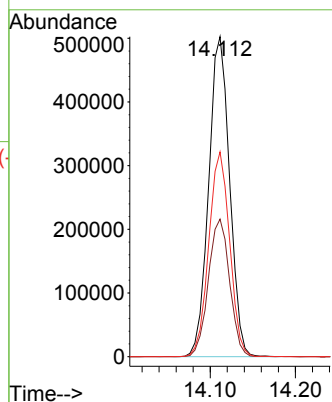
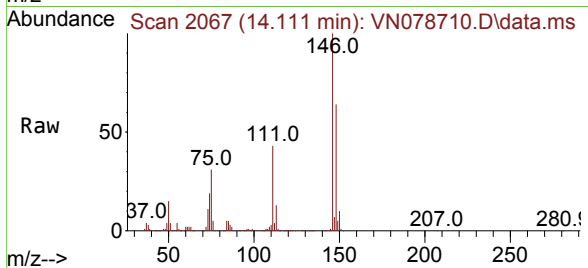
Tgt Ion:146 Resp: 857008

Ion Ratio Lower Upper

146 100

111 43.7 22.0 66.0

148 63.9 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.125 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

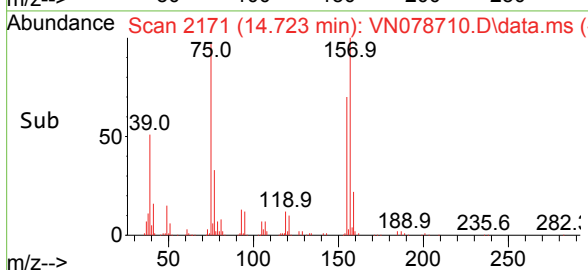
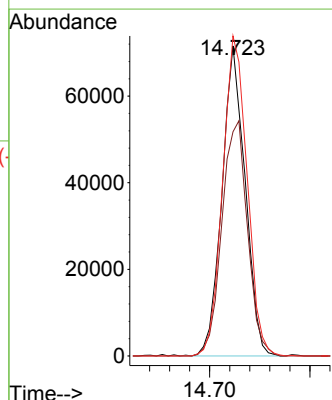
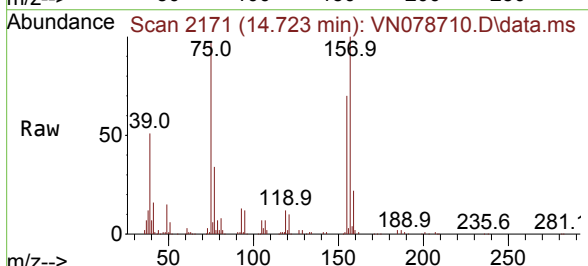
Tgt Ion: 75 Resp: 114967

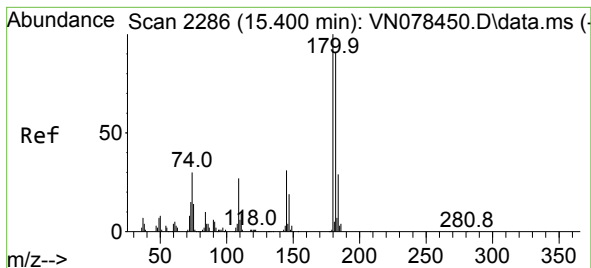
Ion Ratio Lower Upper

75 100

155 83.6 39.1 117.2

157 108.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 50.651 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

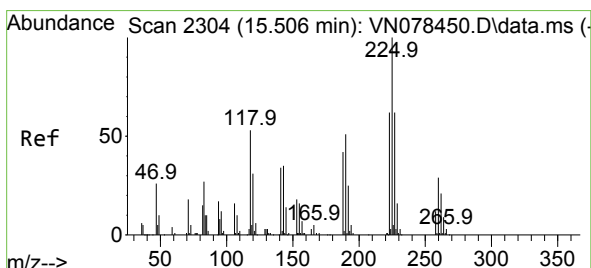
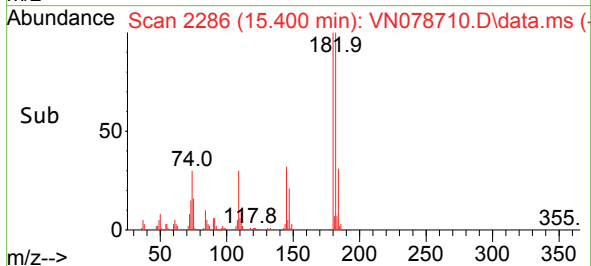
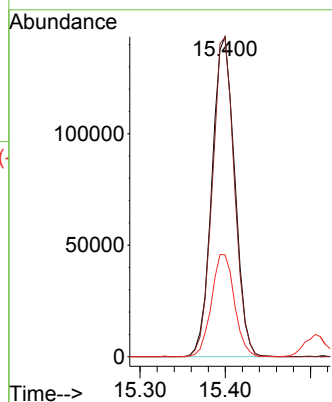
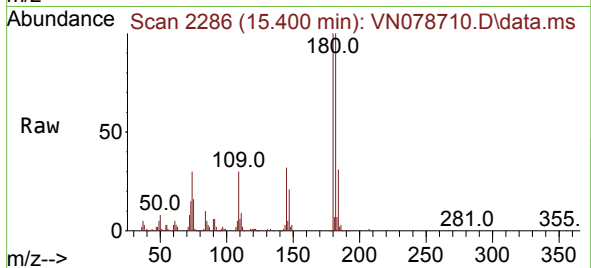
Tgt Ion:180 Resp: 265371

Ion Ratio Lower Upper

180 100

182 97.0 46.1 138.2

145 32.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 68.484 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

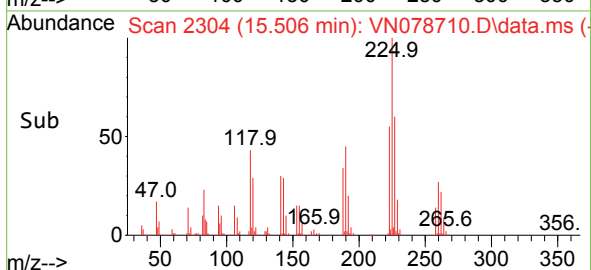
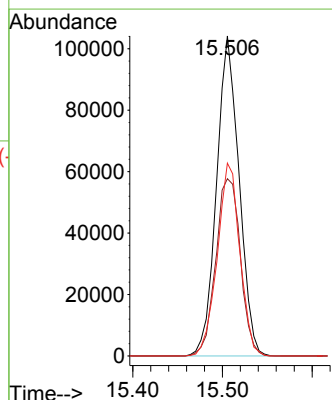
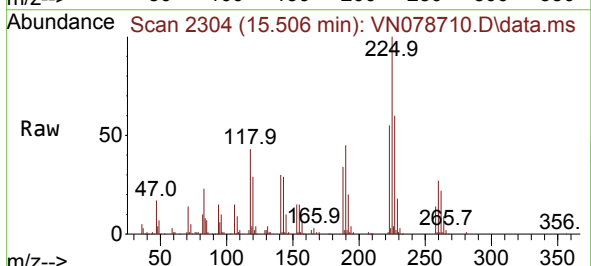
Tgt Ion:225 Resp: 181466

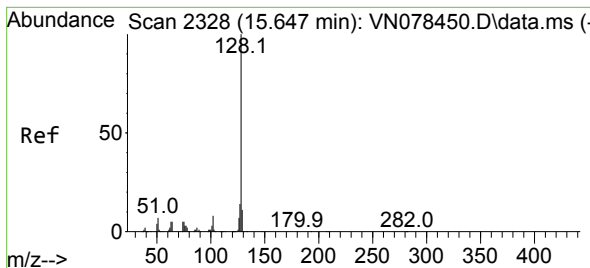
Ion Ratio Lower Upper

225 100

223 60.6 31.3 93.8

227 60.3 31.9 95.9





#95

Naphthalene

Concen: 43.651 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

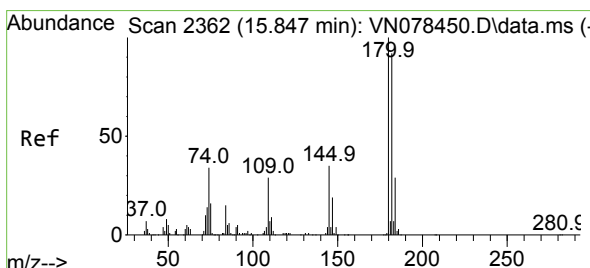
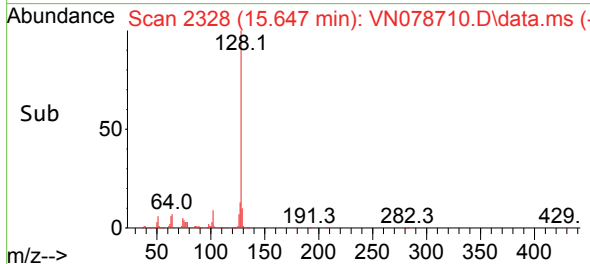
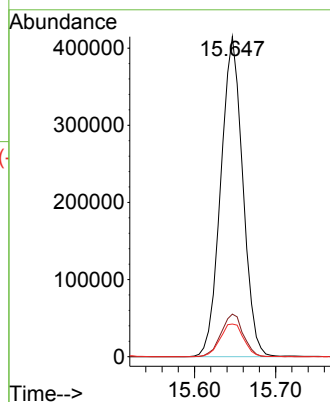
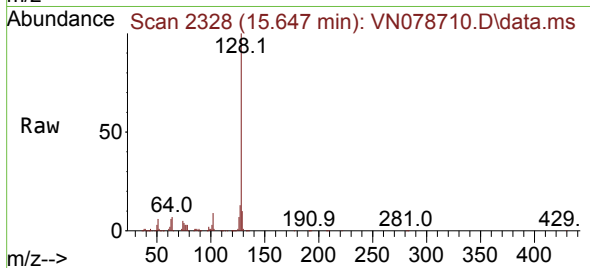
Tgt Ion:128 Resp: 781837

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.049 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078710.D

Acq: 31 Jul 2023 17:12

Tgt Ion:180 Resp: 295481

Ion Ratio Lower Upper

180 100

182 95.5 46.2 138.6

145 34.0 17.5 52.6

