

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078341.D
 Acq On : 21 Jun 2023 22:47
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 22 04:58:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	390958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	732662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	636390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	252234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	279247	53.571	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.140%	
35) Dibromofluoromethane	8.177	113	242088	52.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.520%	
50) Toluene-d8	10.571	98	890572	49.867	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.853	95	284773	51.293	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	167650	37.935	ug/l	100
3) Chloromethane	2.371	50	201227	48.339	ug/l	97
4) Vinyl Chloride	2.524	62	278464	48.119	ug/l	99
5) Bromomethane	2.954	94	195519	44.706	ug/l	100
6) Chloroethane	3.124	64	194495	49.302	ug/l	99
7) Trichlorofluoromethane	3.506	101	353135	44.999	ug/l	99
8) Diethyl Ether	3.971	74	128632	46.650	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.389	101	199537	48.179	ug/l	99
10) Methyl Iodide	4.600	142	276314	47.177	ug/l	100
11) Tert butyl alcohol	5.542	59	168130	233.591	ug/l	99
12) 1,1-Dichloroethene	4.353	96	190107	44.529	ug/l	94
13) Acrolein	4.189	56	189317	238.654	ug/l	99
14) Allyl chloride	5.042	41	248630	47.708	ug/l	92
15) Acrylonitrile	5.730	53	485481	261.622	ug/l	100
16) Acetone	4.442	43	367661	245.042	ug/l	93
17) Carbon Disulfide	4.724	76	416130	37.869	ug/l	100
18) Methyl Acetate	5.036	43	358248	51.861	ug/l	89
19) Methyl tert-butyl Ether	5.812	73	695872	51.086	ug/l	95
20) Methylene Chloride	5.295	84	235037	47.404	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	211222	45.871	ug/l	93
22) Diisopropyl ether	6.683	45	663972	54.163	ug/l	93
23) Vinyl Acetate	6.612	43	1882219	258.296	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	418521	51.754	ug/l	98
25) 2-Butanone	7.494	43	596321	258.451	ug/l	88
26) 2,2-Dichloropropane	7.500	77	283935	47.552	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	258955	47.147	ug/l	93
28) Bromochloromethane	7.824	49	209447	56.410	ug/l	88
29) Tetrahydrofuran	7.847	42	390157	252.949	ug/l	86
30) Chloroform	7.977	83	463210	53.194	ug/l	97
31) Cyclohexane	8.265	56	281213	42.056	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	398834	52.169	ug/l	96
36) 1,1-Dichloropropene	8.383	75	310412	46.715	ug/l	97
37) Ethyl Acetate	7.571	43	257927	49.688	ug/l	95
38) Carbon Tetrachloride	8.371	117	343815	49.002	ug/l	98
39) Methylcyclohexane	9.606	83	266887	38.757	ug/l	90
40) Benzene	8.612	78	970629	48.929	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	134484	47.797	ug/l	94
42) 1,2-Dichloroethane	8.683	62	344865	50.703	ug/l	97
43) Isopropyl Acetate	8.700	43	521874	52.569	ug/l #	89
44) Trichloroethene	9.359	130	241847	46.164	ug/l	100
45) 1,2-Dichloropropane	9.630	63	257691	52.211	ug/l	94
46) Dibromomethane	9.718	93	175918	48.390	ug/l	95
47) Bromodichloromethane	9.894	83	367024	54.351	ug/l	97
48) Methyl methacrylate	9.688	41	209387	50.260	ug/l	91
49) 1,4-Dioxane	9.700	88	80037	914.058	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	1380884	264.149	ug/l	93
52) Toluene	10.635	92	614048	49.026	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	366924	52.174	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	400748	51.549	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	254437	53.701	ug/l	95
56) Ethyl methacrylate	10.882	69	364273	52.801	ug/l	92
57) 1,3-Dichloropropane	11.165	76	413164	51.661	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	668309	239.798	ug/l	92
59) 2-Hexanone	11.200	43	958558	263.342	ug/l	91
60) Dibromochloromethane	11.365	129	276707	53.371	ug/l	98
61) 1,2-Dibromoethane	11.476	107	246970	49.670	ug/l	100
64) Tetrachloroethene	11.112	164	180851	42.598	ug/l	98
65) Chlorobenzene	11.894	112	650606	47.738	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	255422	50.956	ug/l	97
67) Ethyl Benzene	11.971	91	1144071	48.651	ug/l	100
68) m/p-Xylenes	12.076	106	856039	95.519	ug/l	97
69) o-Xylene	12.400	106	426247	48.433	ug/l	97
70) Styrene	12.418	104	709411	51.202	ug/l	98
71) Bromoform	12.582	173	173347	53.587	ug/l #	100
73) Isopropylbenzene	12.700	105	1038000	43.518	ug/l	99
74) N-amyl acetate	12.500	43	369181	47.002	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	353205	54.038	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	418745	70.225	ug/l	70
77) Bromobenzene	12.982	156	249199	45.006	ug/l	100
78) n-propylbenzene	13.041	91	1157182	44.654	ug/l	99
79) 2-Chlorotoluene	13.129	91	736825	44.048	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	845613	43.789	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	98388	50.693	ug/l	92
82) 4-Chlorotoluene	13.223	91	704360	45.116	ug/l	99
83) tert-Butylbenzene	13.441	119	729857	43.479	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	850307	45.417	ug/l	99
85) sec-Butylbenzene	13.623	105	917449	41.757	ug/l	100
86) p-Isopropyltoluene	13.735	119	756652	42.438	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	412781	44.073	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	401846	44.465	ug/l	99
89) n-Butylbenzene	14.059	91	589822	41.941	ug/l	97
90) Hexachloroethane	14.341	117	150949	47.707	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	417302	45.590	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55121	46.656	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	138324	42.414	ug/l	99
94) Hexachlorobutadiene	15.506	225	75362	46.980	ug/l	95
95) Naphthalene	15.647	128	413400	37.684	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	149031	40.858	ug/l	99

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

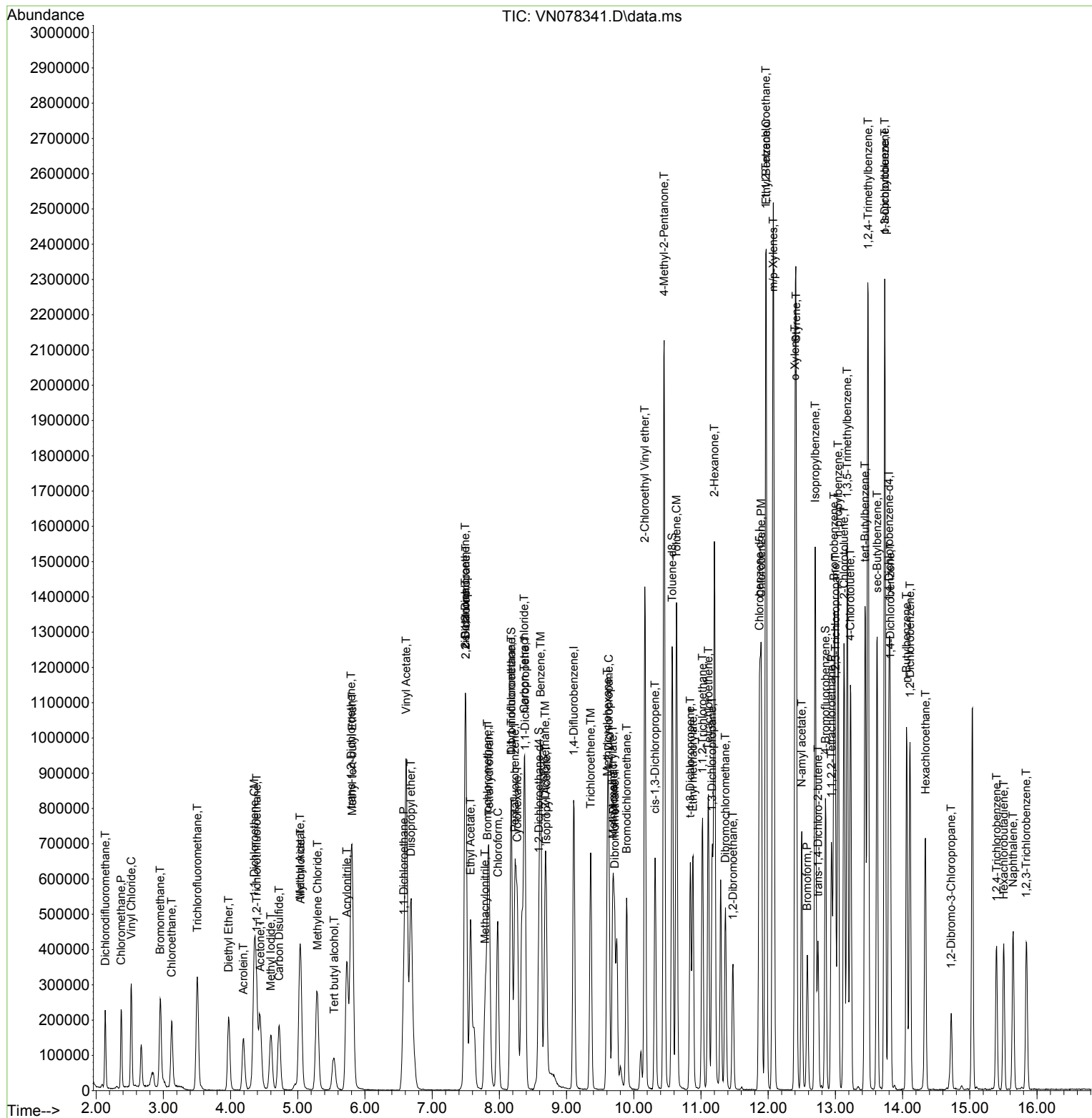
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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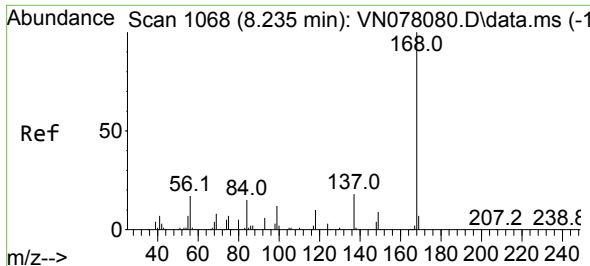
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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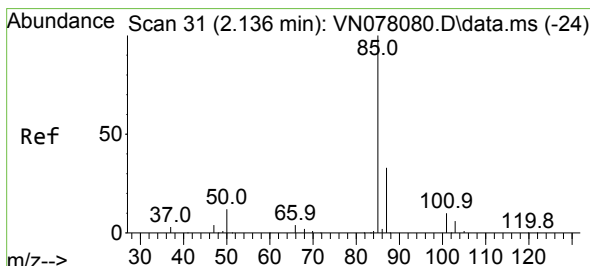
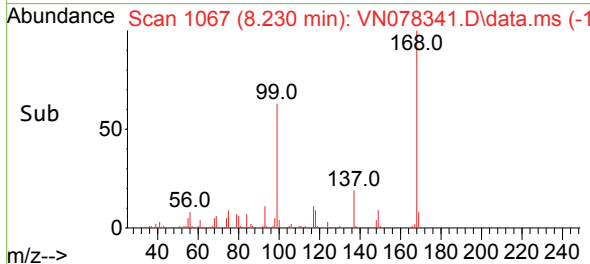
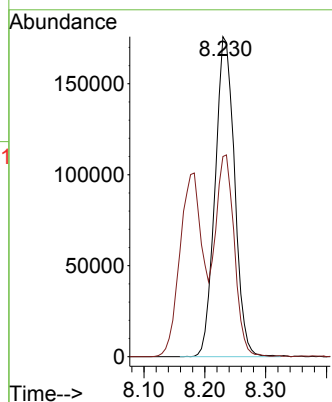
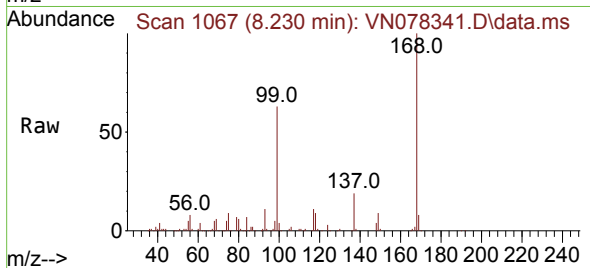




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078341.D
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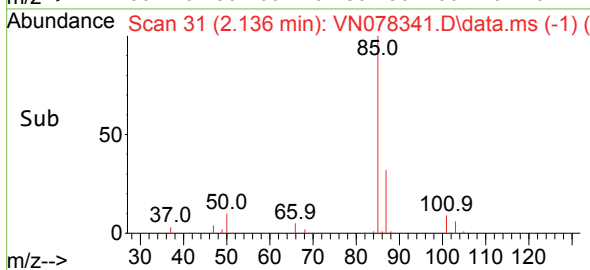
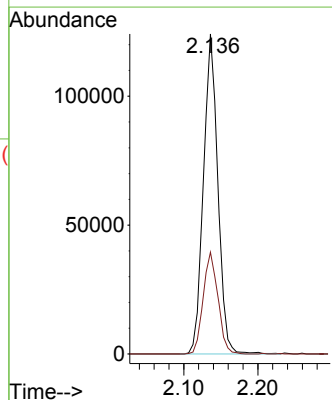
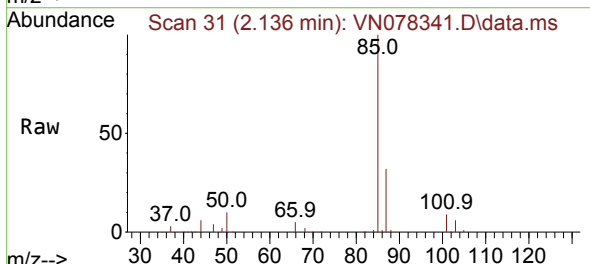
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

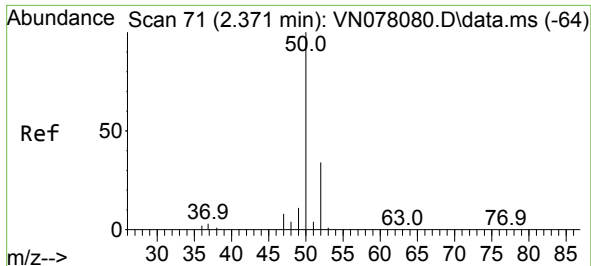
Tgt Ion:168 Resp: 390958
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 37.935 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 85 Resp: 167650
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3
Chloromethane
Concen: 48.339 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

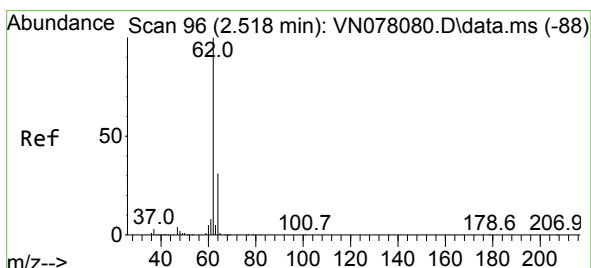
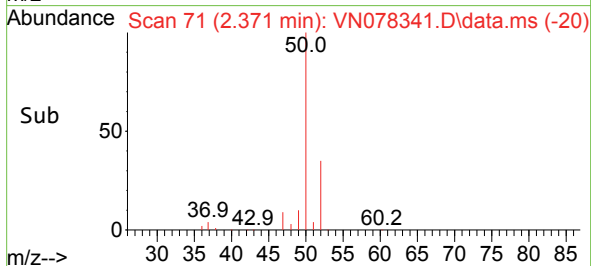
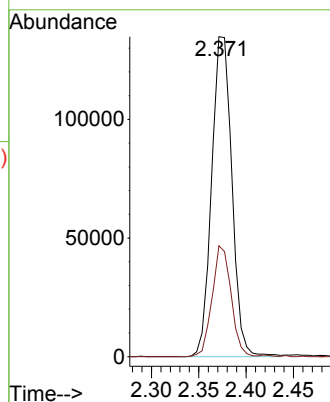
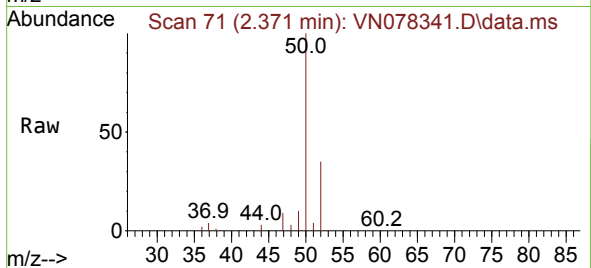
Instrument :

MSVOA_N

ClientSampleId :

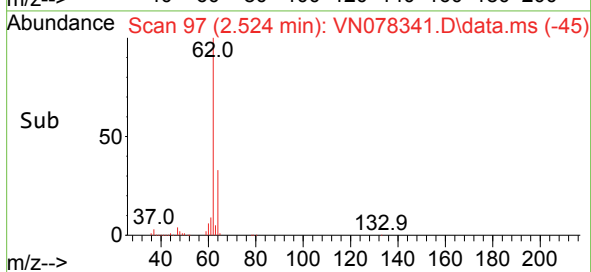
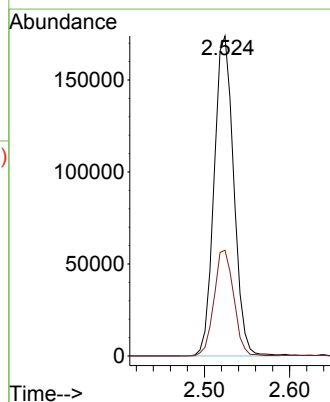
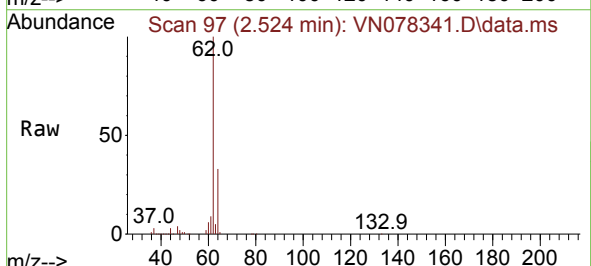
VSTDCCC050EC

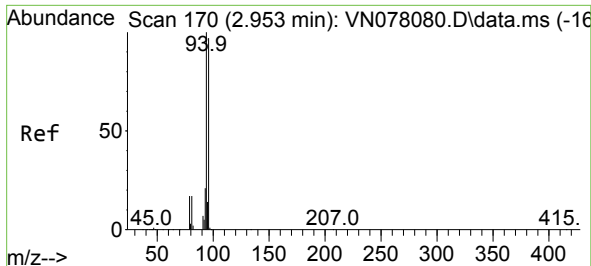
Tgt Ion: 50 Resp: 201227
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7



#4
Vinyl Chloride
Concen: 48.119 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 62 Resp: 278464
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2

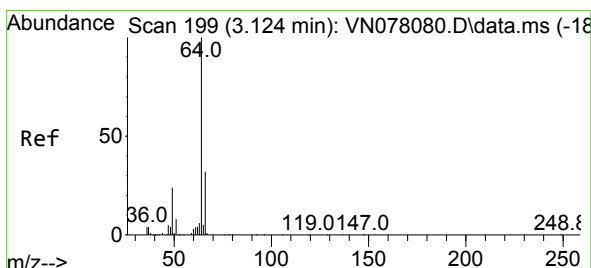
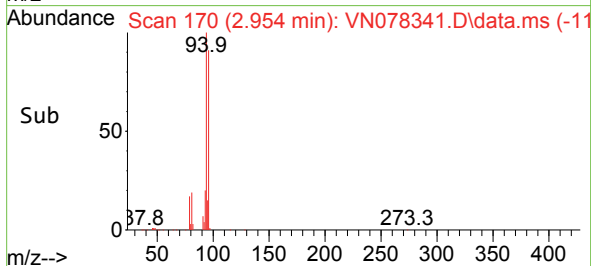
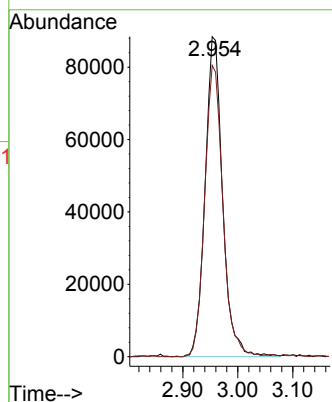
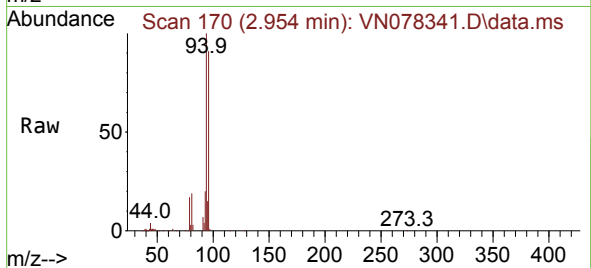




#5
Bromomethane
Concen: 44.706 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078341.D
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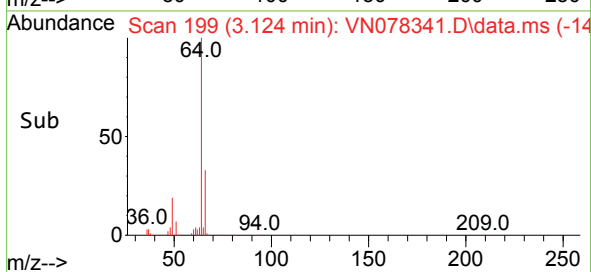
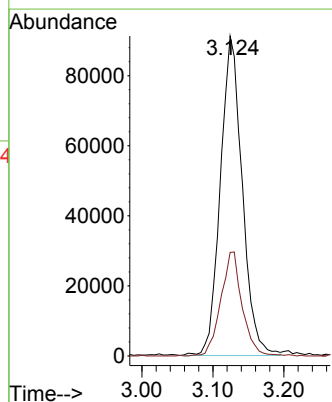
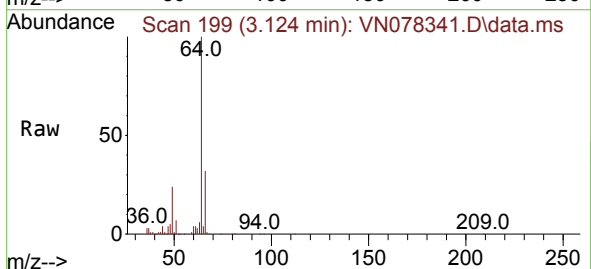
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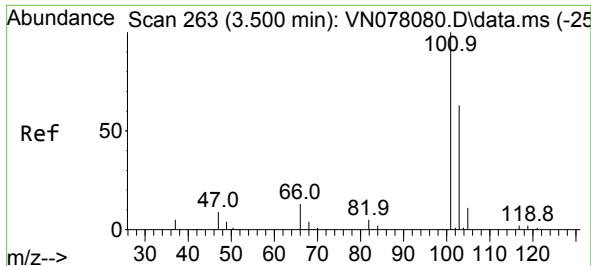
Tgt Ion: 94 Resp: 195519
Ion Ratio Lower Upper
94 100
96 91.0 73.1 109.7



#6
Chloroethane
Concen: 49.302 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 64 Resp: 194495
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

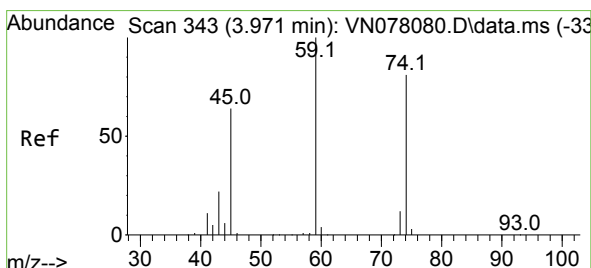
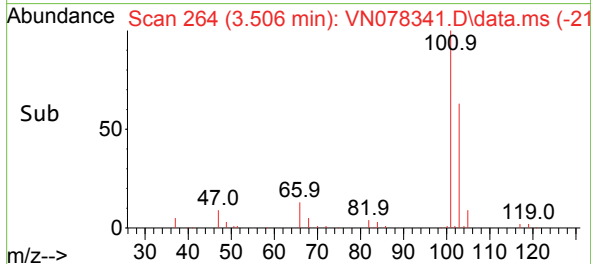
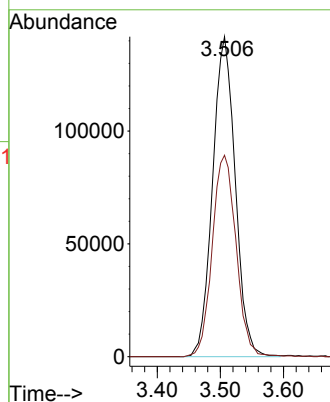
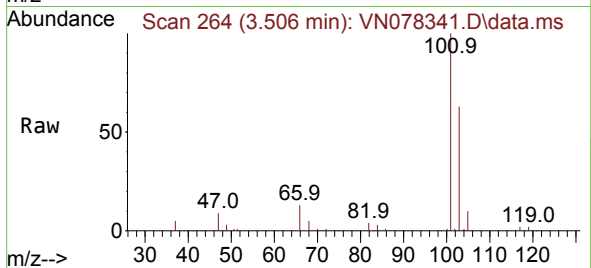




#7
 Trichlorofluoromethane
 Concen: 44.999 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

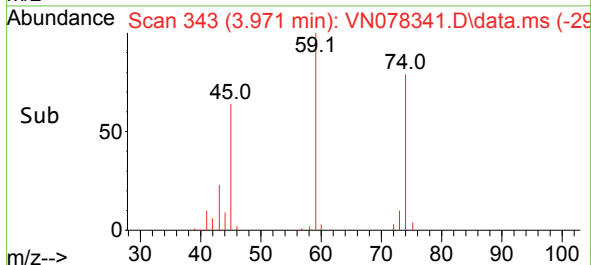
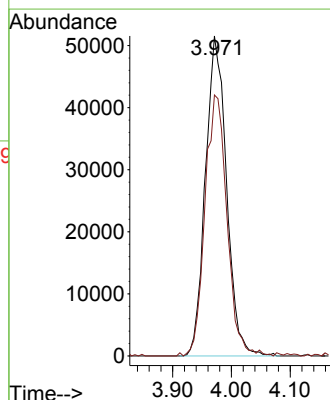
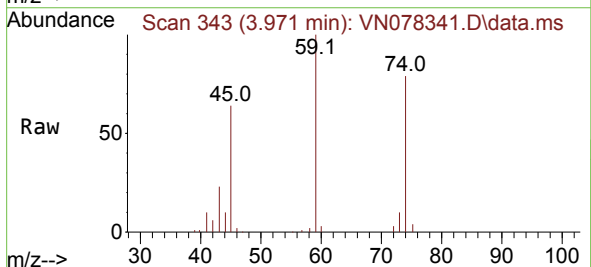
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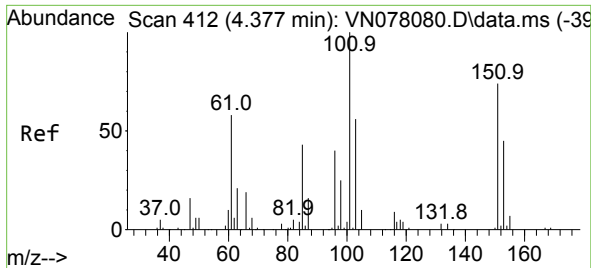
Tgt Ion:101 Resp: 353135
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 46.650 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 128632
 Ion Ratio Lower Upper
 74 100
 45 85.2 34.4 103.3

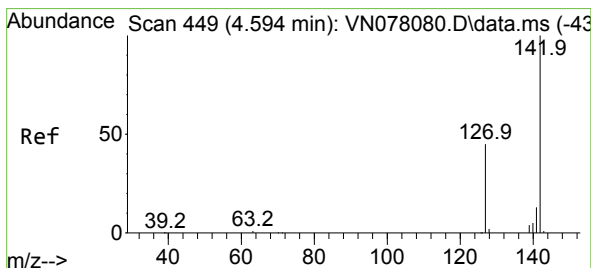
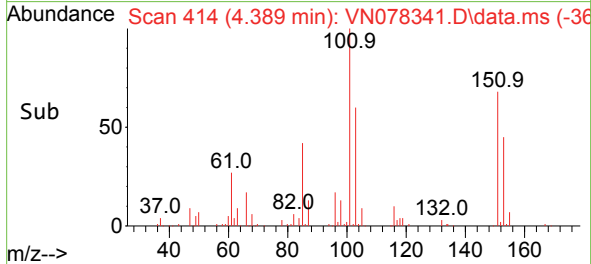
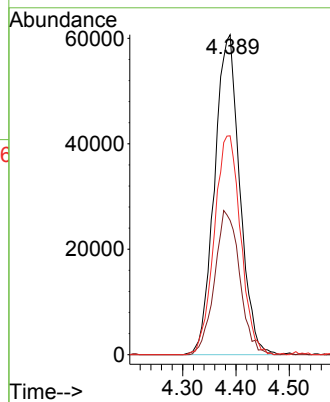
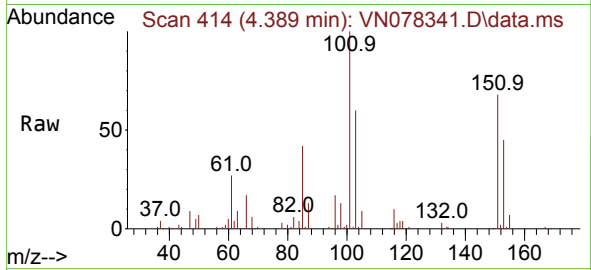




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.179 ug/l
RT: 4.389 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

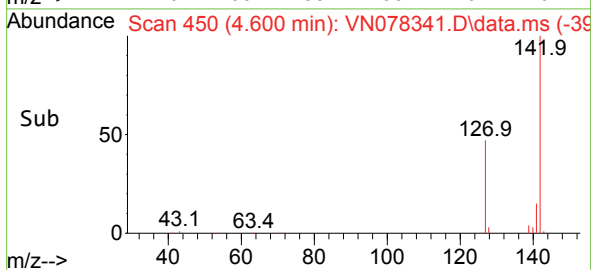
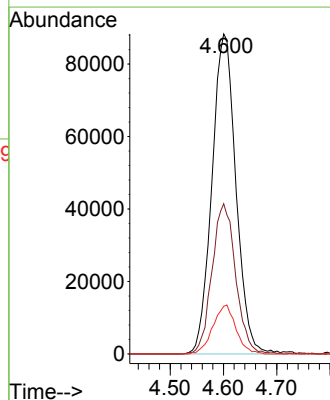
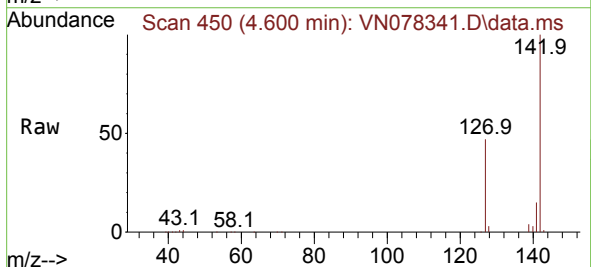
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

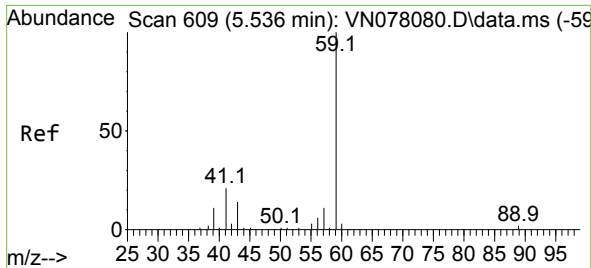
Tgt Ion:101 Resp: 199537
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 71.5 57.6 86.4



#10
Methyl Iodide
Concen: 47.177 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion:142 Resp: 276314
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 14.9 11.4 17.0

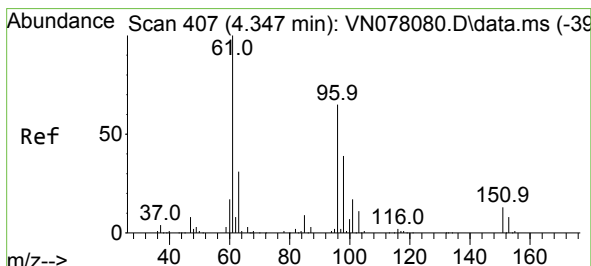
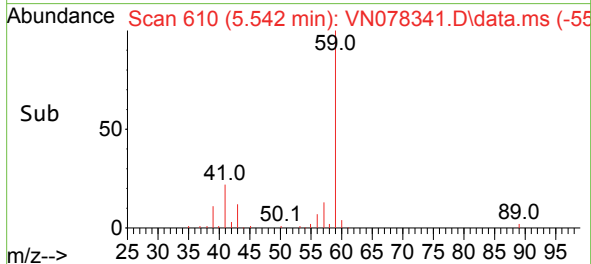
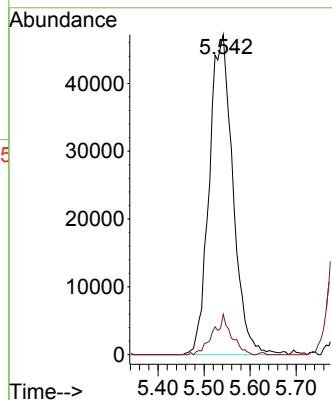
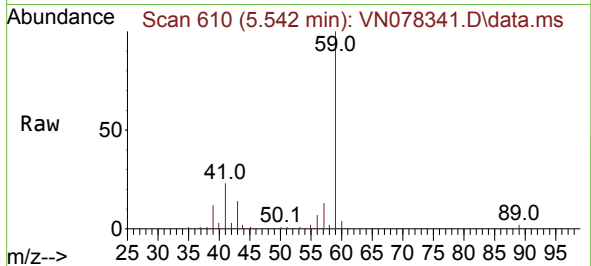




#11
Tert butyl alcohol
Concen: 233.591 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

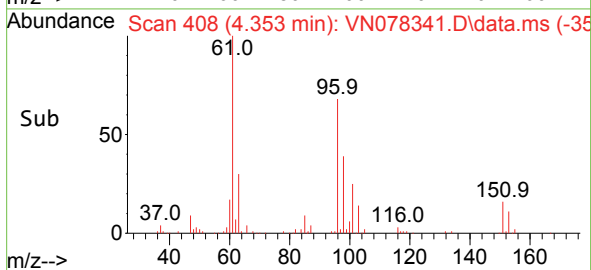
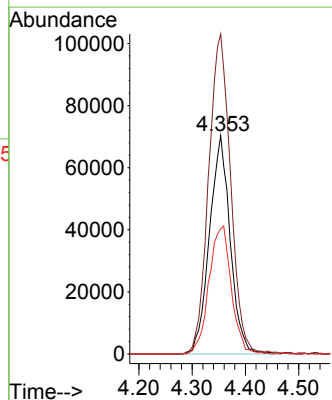
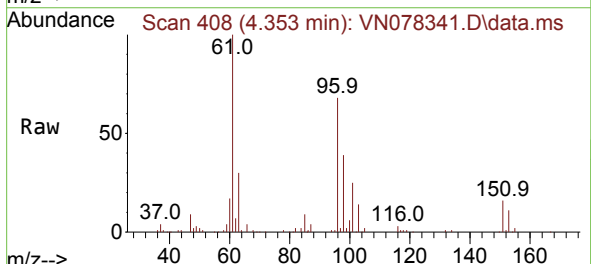
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

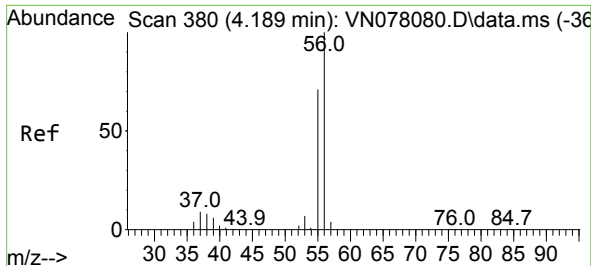
Tgt Ion: 59 Resp: 168130
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 44.529 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 96 Resp: 190107
Ion Ratio Lower Upper
96 100
61 146.5 112.7 169.1
98 57.3 51.2 76.8

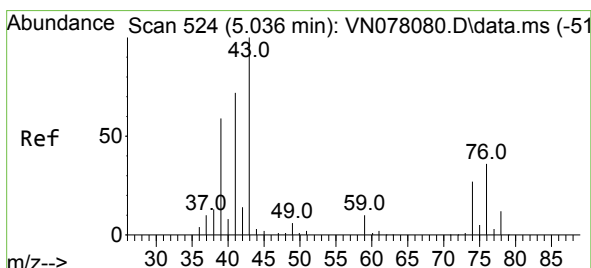
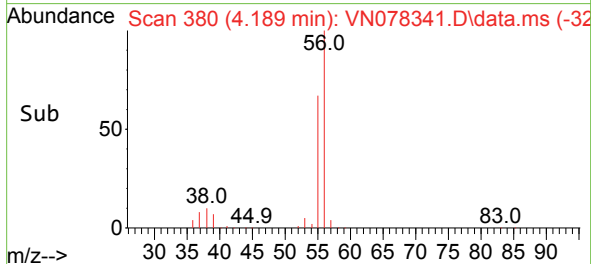
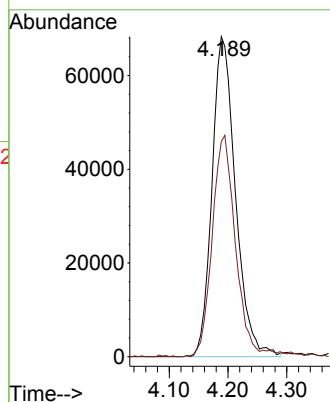
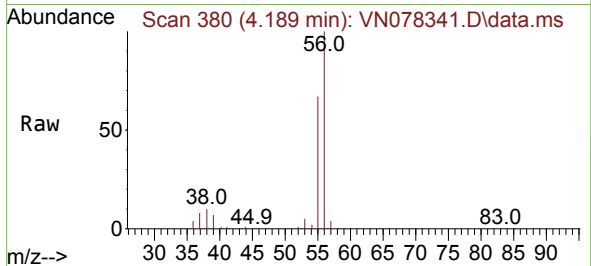




#13
Acrolein
Concen: 238.654 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

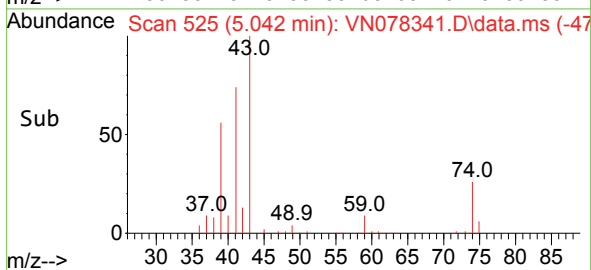
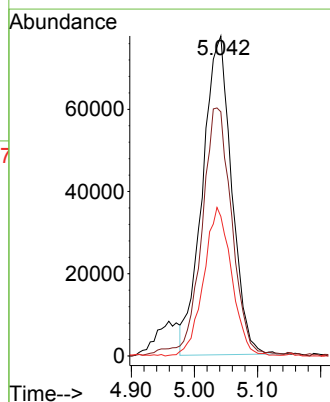
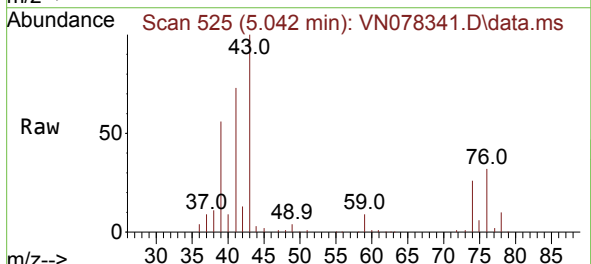
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

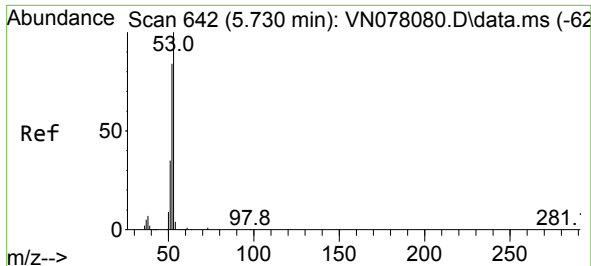
Tgt Ion: 56 Resp: 189317
Ion Ratio Lower Upper
56 100
55 68.9 54.5 81.7



#14
Allyl chloride
Concen: 47.708 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 41 Resp: 248630
Ion Ratio Lower Upper
41 100
39 81.1 58.8 88.2
76 44.9 39.1 58.7

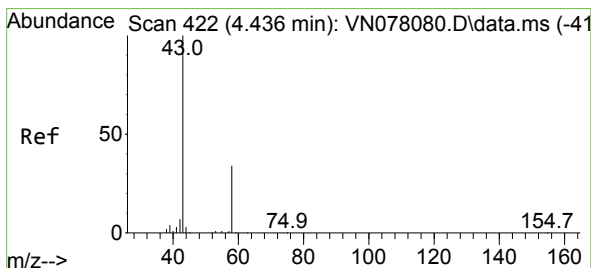
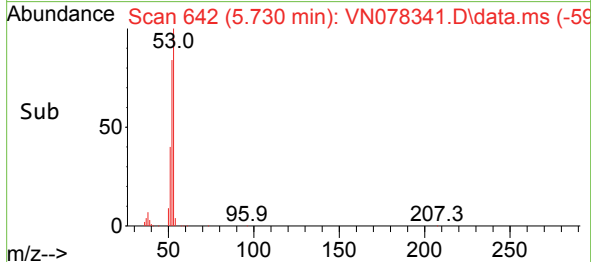
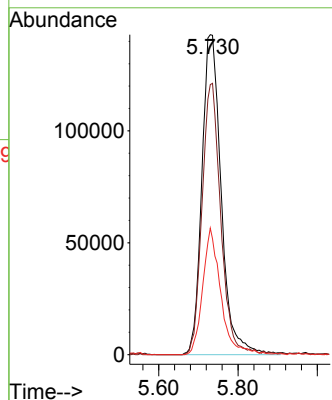
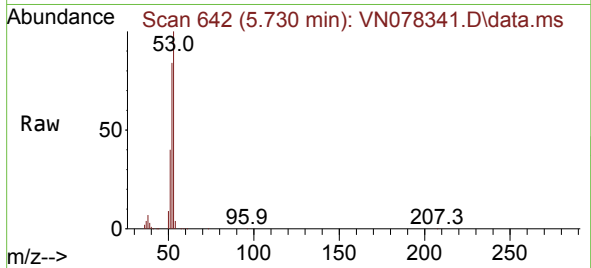




#15
Acrylonitrile
Concen: 261.622 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

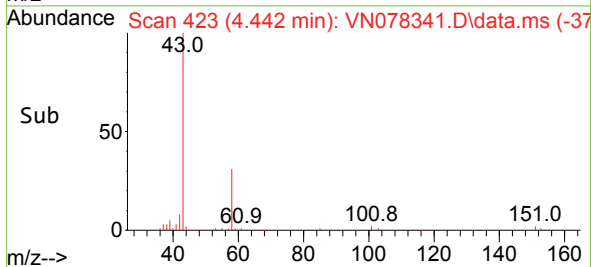
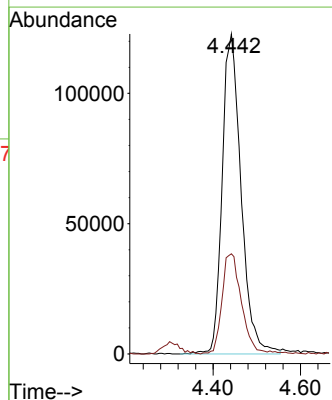
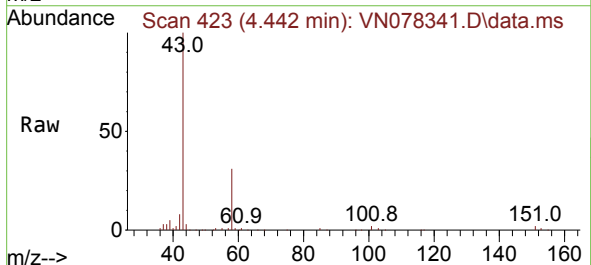
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

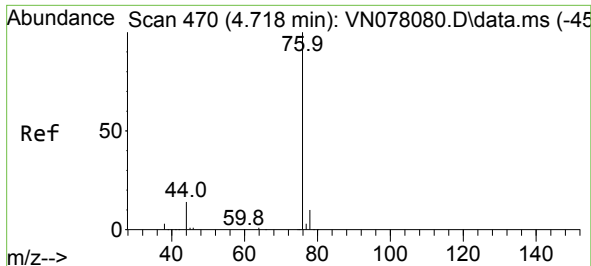
Tgt Ion: 53 Resp: 485481
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 36.9 28.9 43.3



#16
Acetone
Concen: 245.042 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 43 Resp: 367661
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0

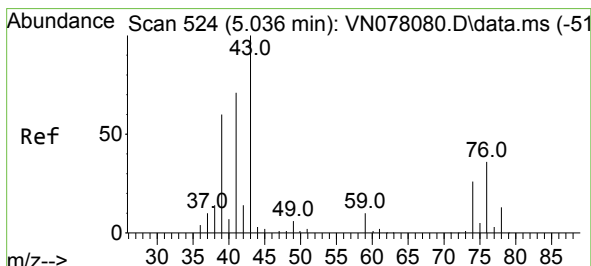
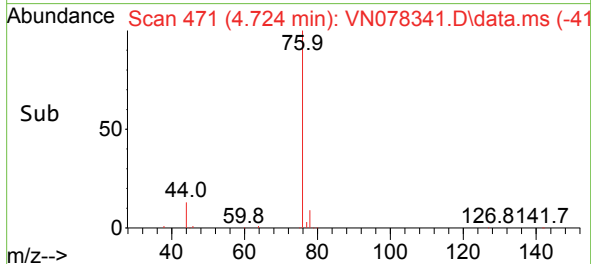
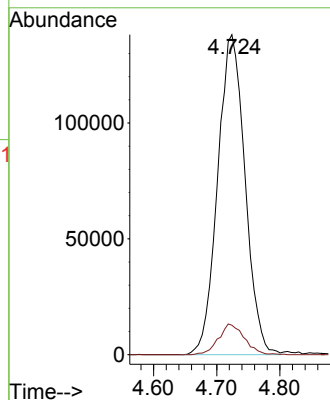
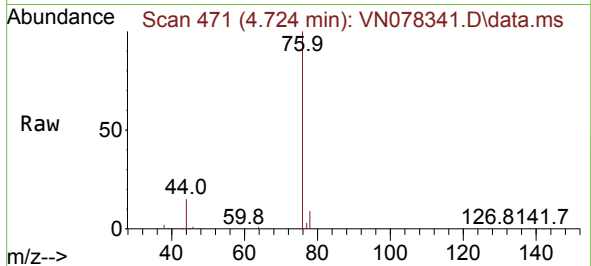




#17
Carbon Disulfide
Concen: 37.869 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

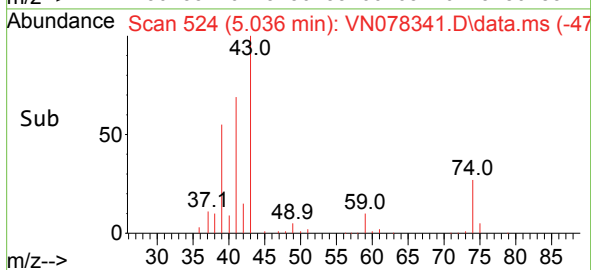
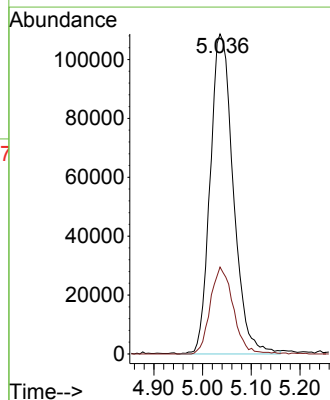
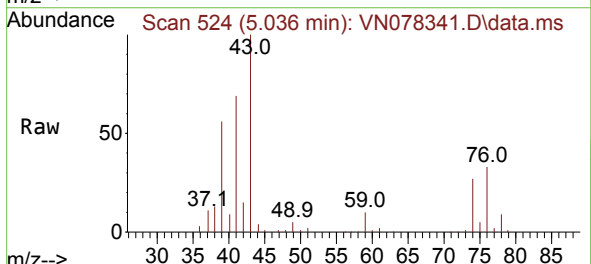
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

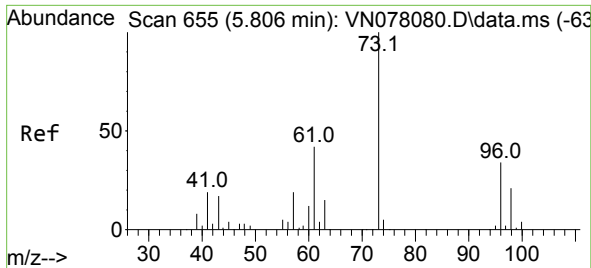
Tgt Ion: 76 Resp: 416130
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 51.861 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 43 Resp: 358248
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4

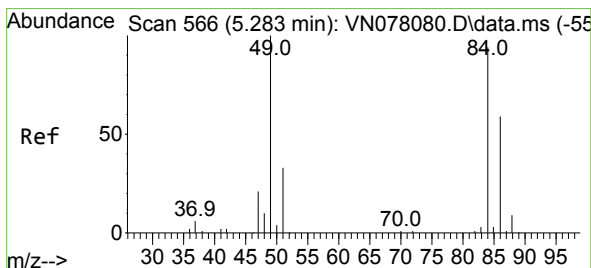
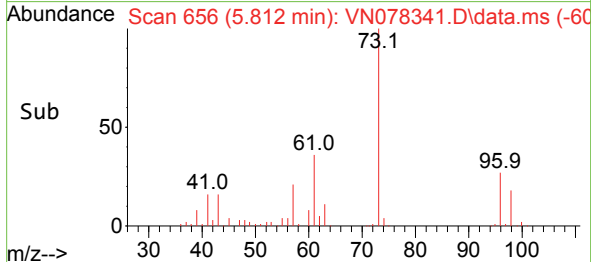
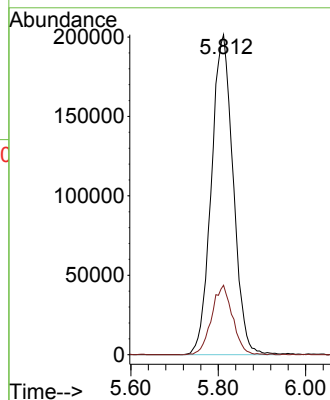
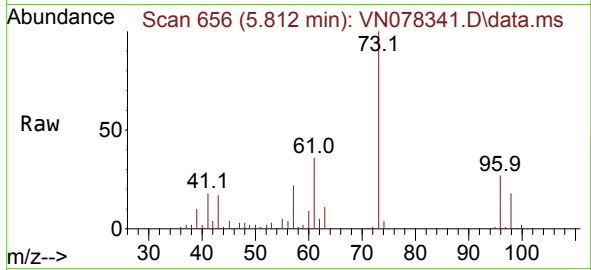




#19
Methyl tert-butyl Ether
Concen: 51.086 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

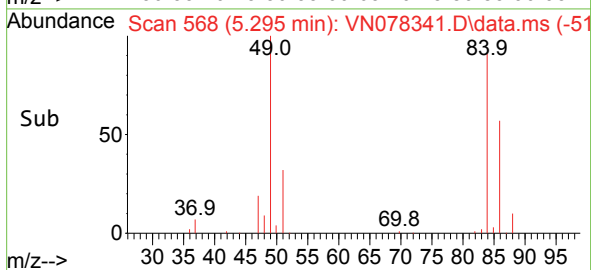
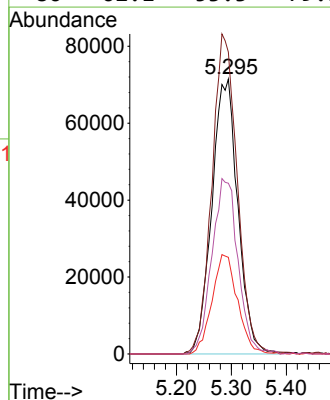
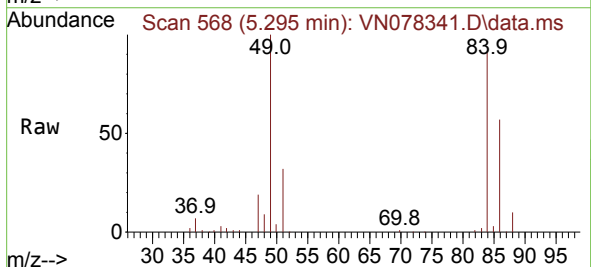
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

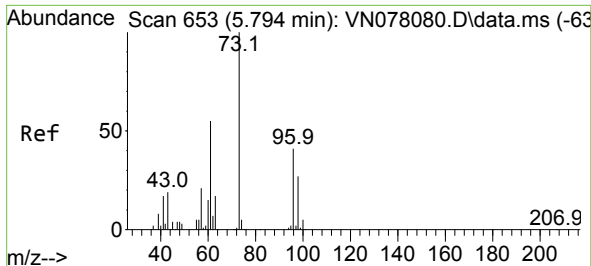
Tgt Ion: 73 Resp: 695872
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4



#20
Methylene Chloride
Concen: 47.404 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.012 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 84 Resp: 235037
Ion Ratio Lower Upper
84 100
49 109.8 79.7 119.5
51 35.1 25.2 37.8
86 62.1 53.3 79.9

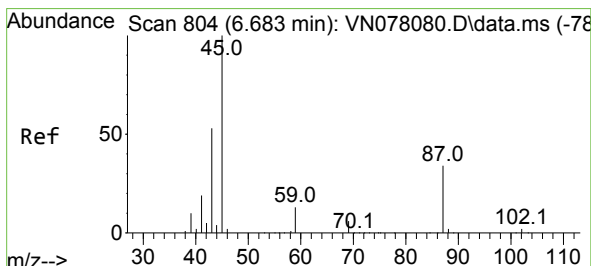
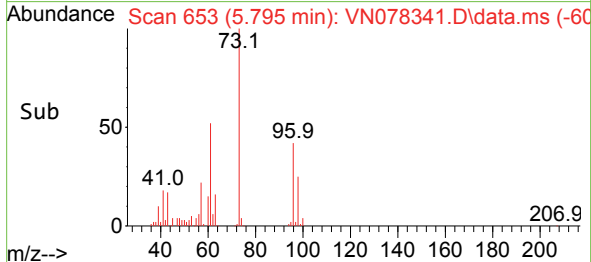
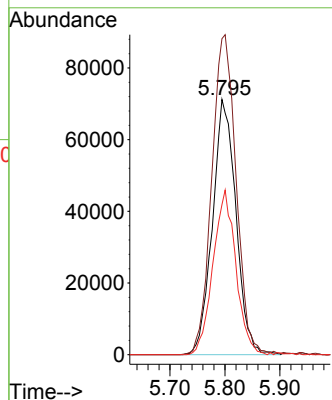
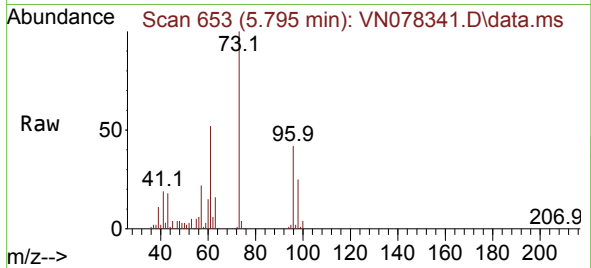




#21
trans-1,2-Dichloroethene
Concen: 45.871 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

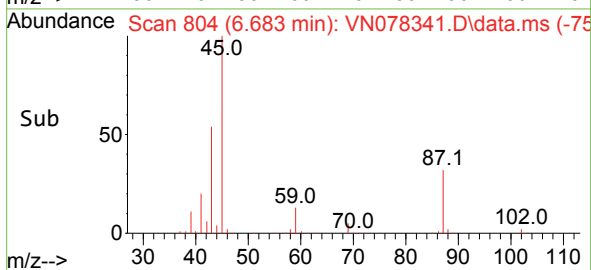
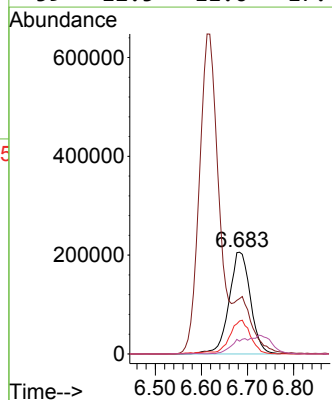
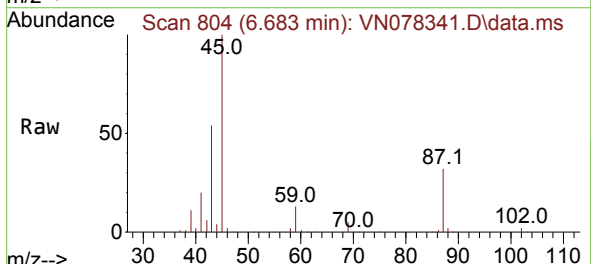
Instrument :
MSVOA_N
ClientSampleId :
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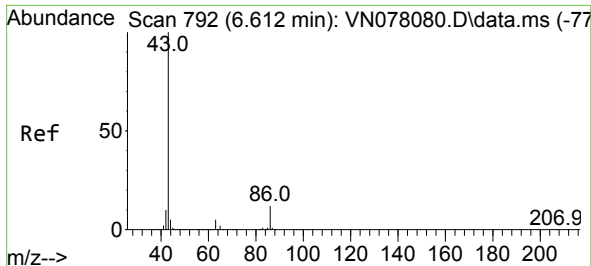
Tgt Ion: 96 Resp: 211222
Ion Ratio Lower Upper
96 100
61 123.8 90.1 135.1
98 58.8 46.4 69.6



#22
Diisopropyl ether
Concen: 54.163 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 45 Resp: 663972
Ion Ratio Lower Upper
45 100
43 53.6 45.5 68.3
87 32.1 31.8 47.8
59 12.5 11.6 17.4

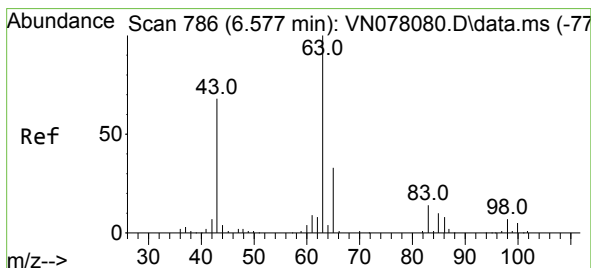
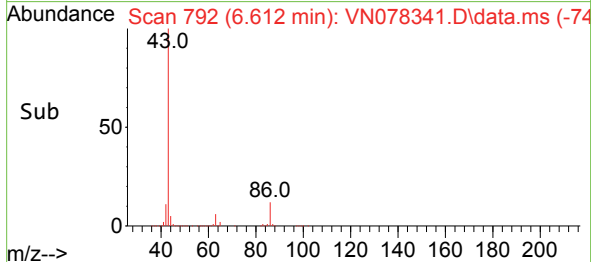
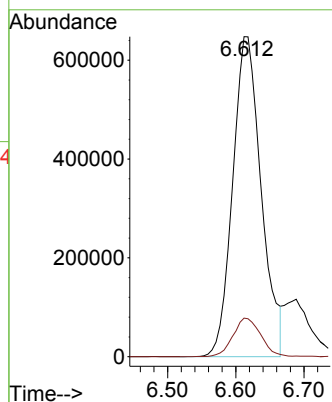
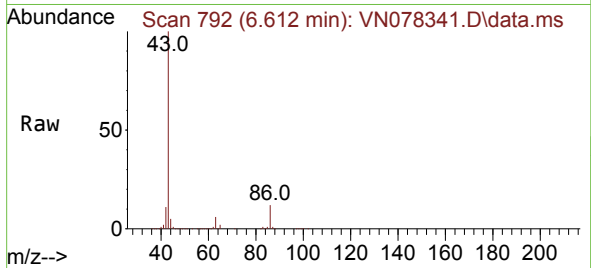




#23
 Vinyl Acetate
 Concen: 258.296 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

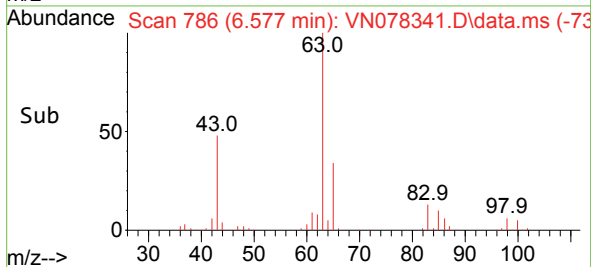
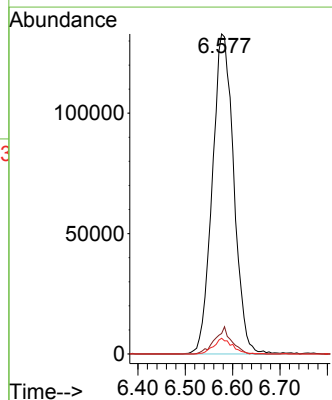
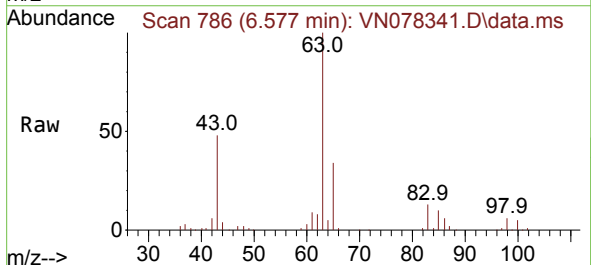
Instrument :
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 ClientSampleId :
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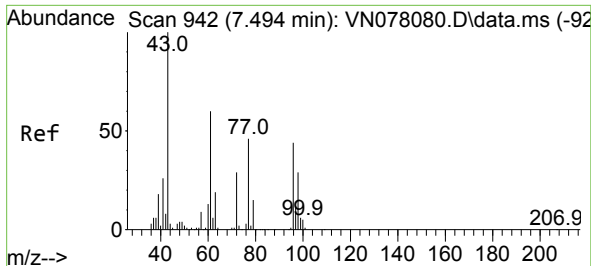
Tgt Ion: 43 Resp: 1882219
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 51.754 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

Tgt Ion: 63 Resp: 418521
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.9 2.5 7.4

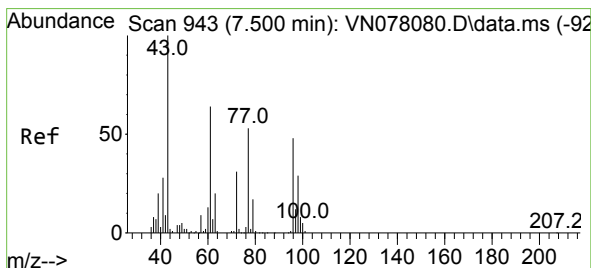
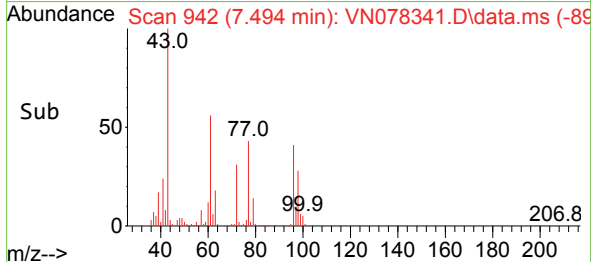
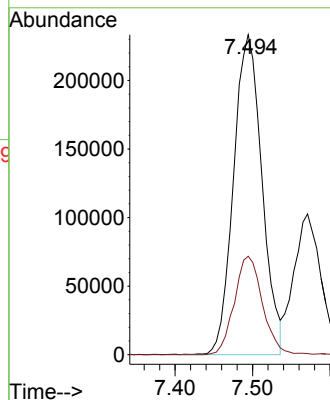
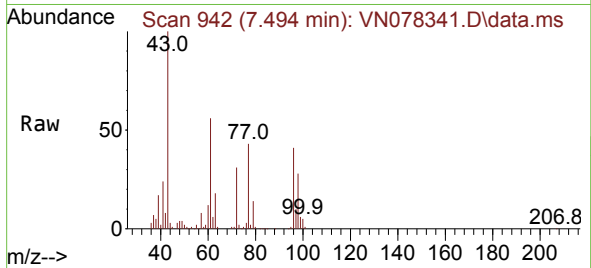




#25
2-Butanone
Concen: 258.451 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

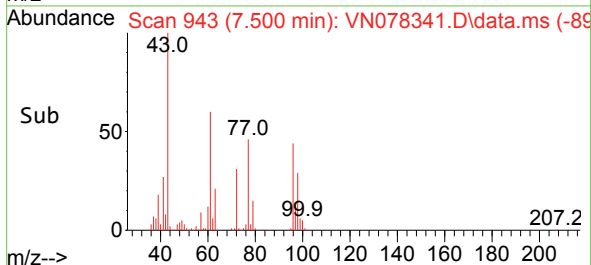
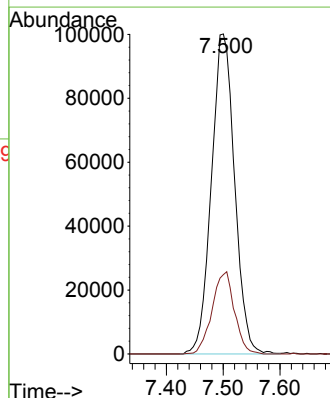
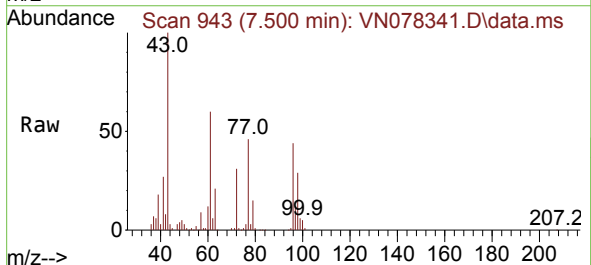
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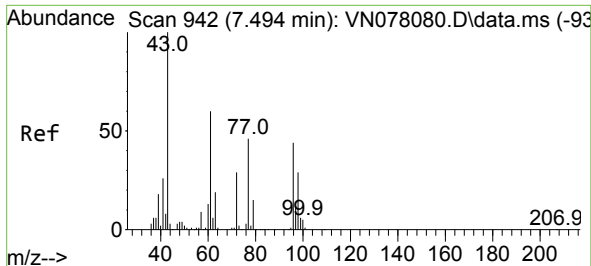
Tgt Ion: 43 Resp: 596321
Ion Ratio Lower Upper
43 100
72 30.7 30.2 45.2



#26
2,2-Dichloropropane
Concen: 47.552 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 77 Resp: 283935
Ion Ratio Lower Upper
77 100
97 24.7 11.2 33.6

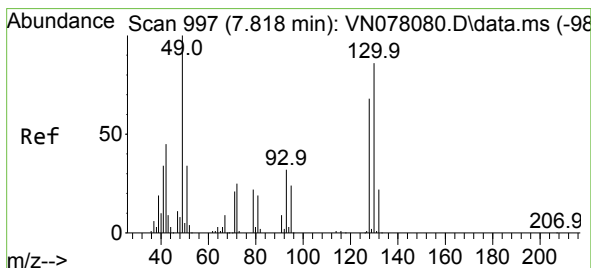
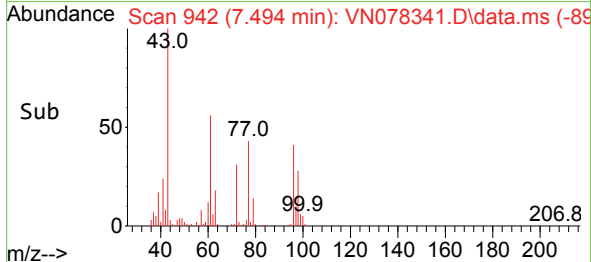
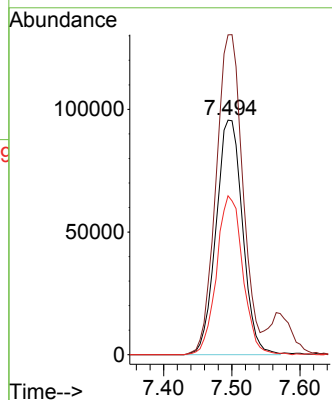
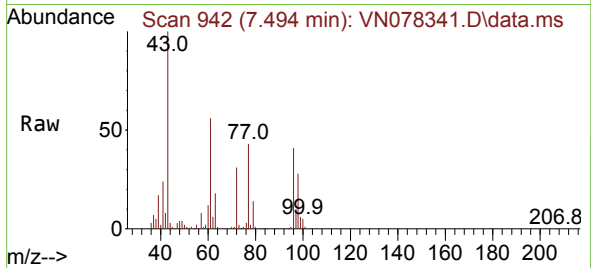




#27
 cis-1,2-Dichloroethene
 Concen: 47.147 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

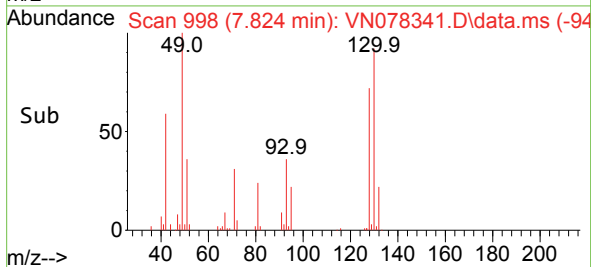
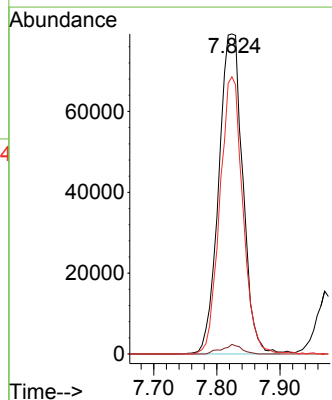
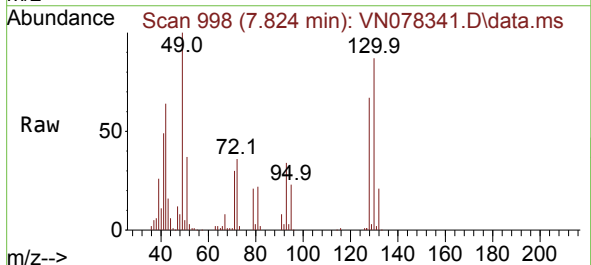
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

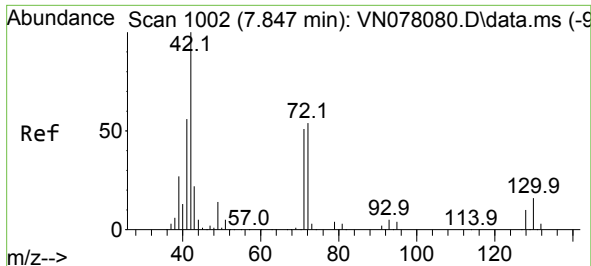
Tgt Ion: 96 Resp: 258955
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 255.2
 98 66.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 56.410 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

Tgt Ion: 49 Resp: 209447
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 82.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 252.949 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

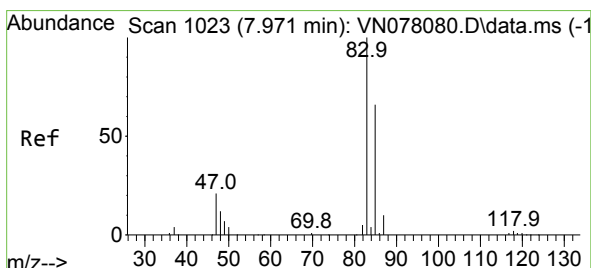
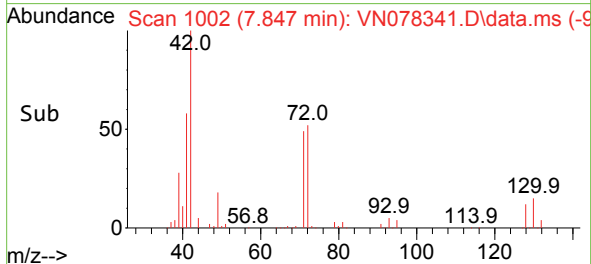
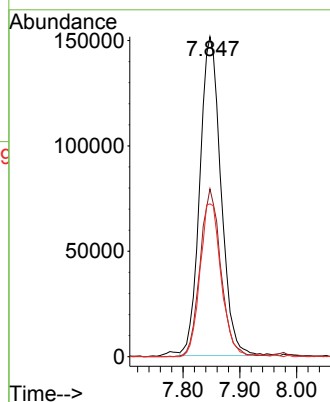
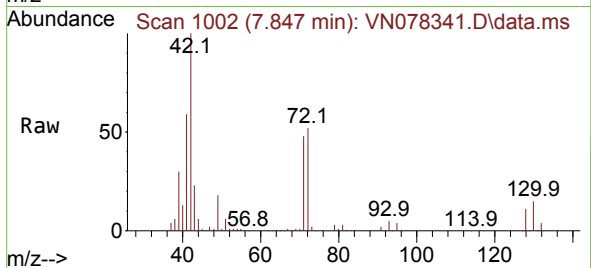
Tgt Ion: 42 Resp: 390157

Ion Ratio Lower Upper

42 100

72 51.9 49.8 74.6

71 48.3 47.4 71.2



#30

Chloroform

Concen: 53.194 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078341.D

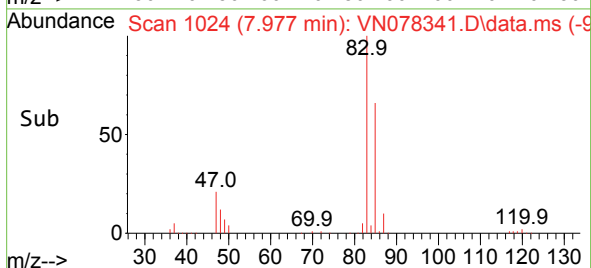
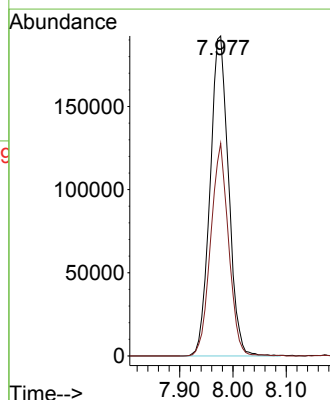
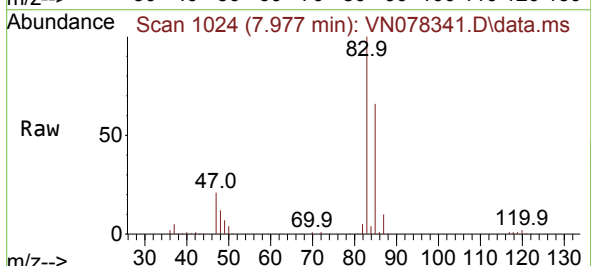
Acq: 21 Jun 2023 22:47

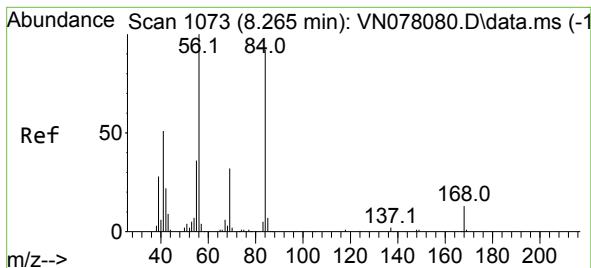
Tgt Ion: 83 Resp: 463210

Ion Ratio Lower Upper

83 100

85 66.5 55.4 83.0





#31

Cyclohexane

Concen: 42.056 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

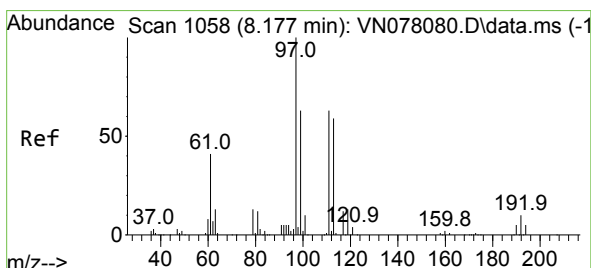
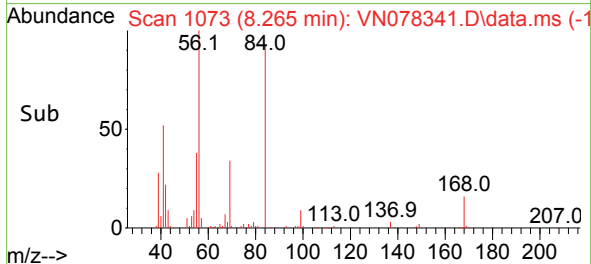
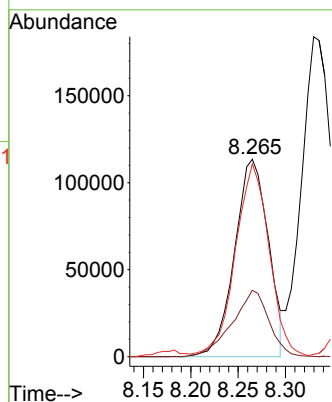
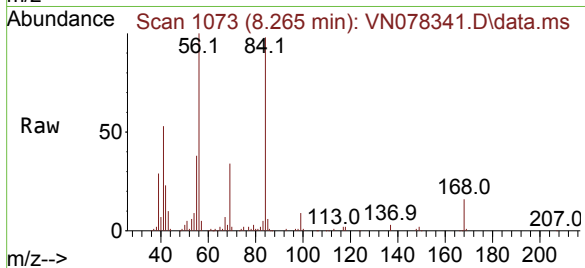
Tgt Ion: 56 Resp: 281213

Ion Ratio Lower Upper

56 100

69 33.3 26.8 40.2

84 96.0 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 52.169 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

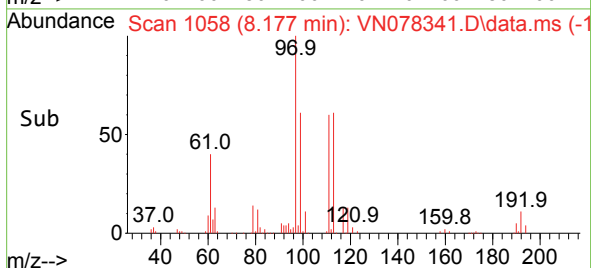
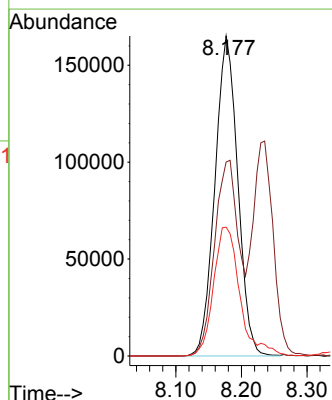
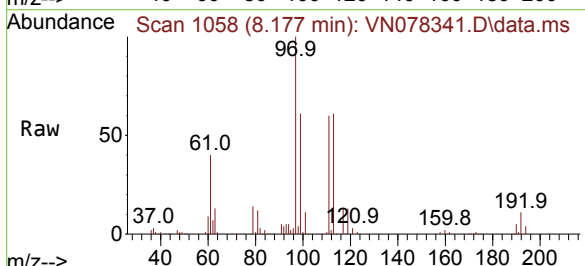
Tgt Ion: 97 Resp: 398834

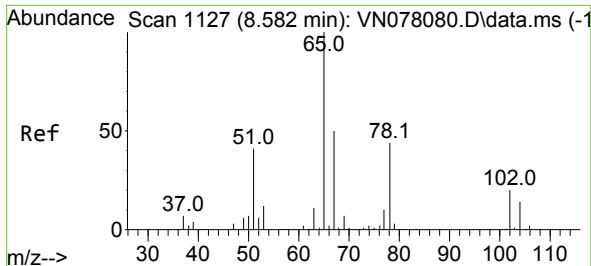
Ion Ratio Lower Upper

97 100

99 65.5 50.3 75.5

61 46.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.571 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

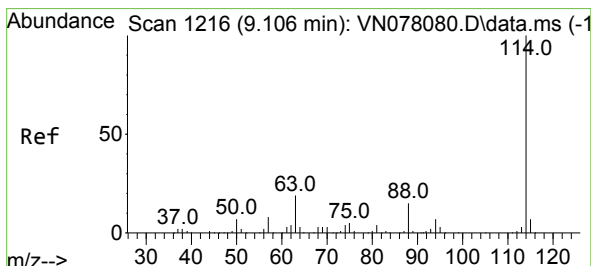
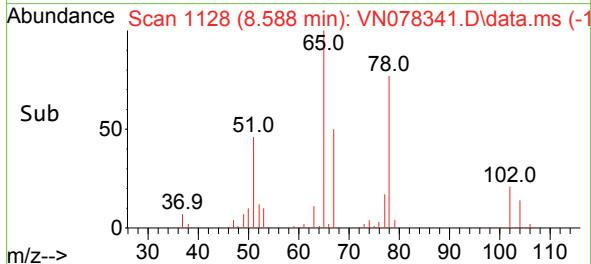
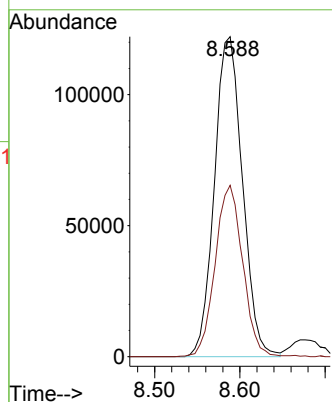
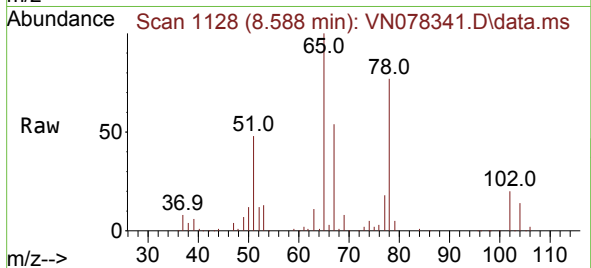
VSTDCCC050EC

Tgt Ion: 65 Resp: 279247

Ion Ratio Lower Upper

65 100

67 52.5 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: VN078341.D

Acq: 21 Jun 2023 22:47

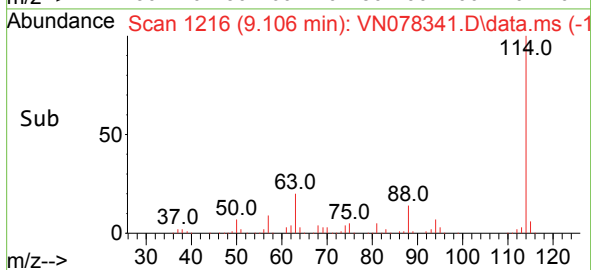
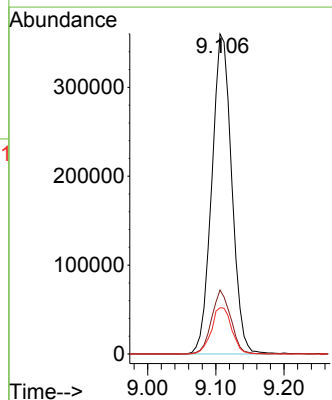
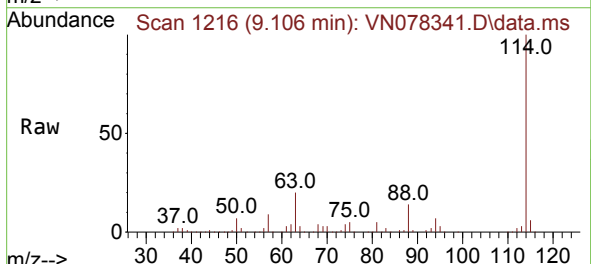
Tgt Ion: 114 Resp: 732662

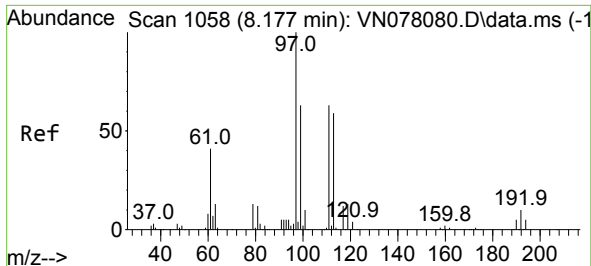
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 14.4 0.0 30.6

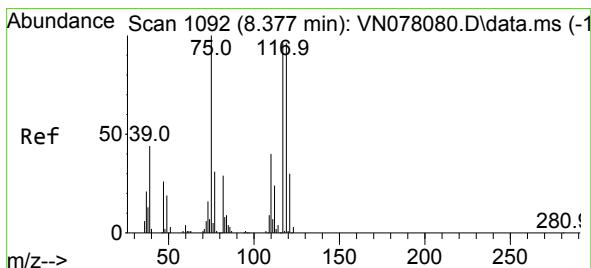
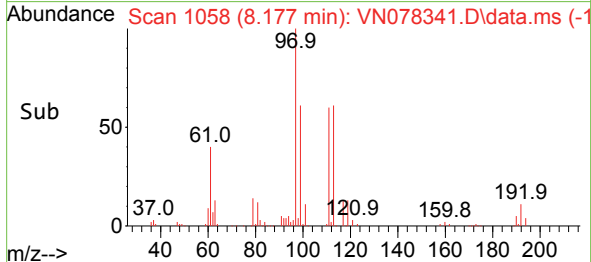
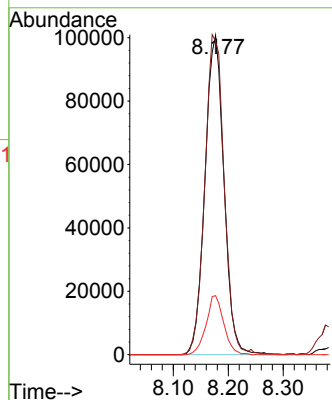
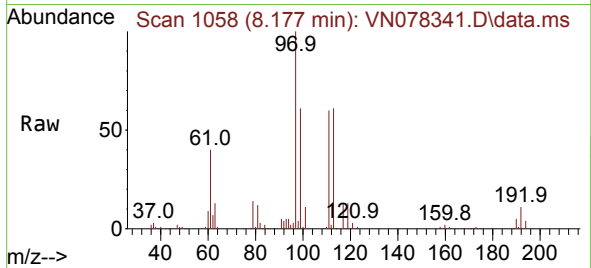




#35
Dibromofluoromethane
Concen: 52.258 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

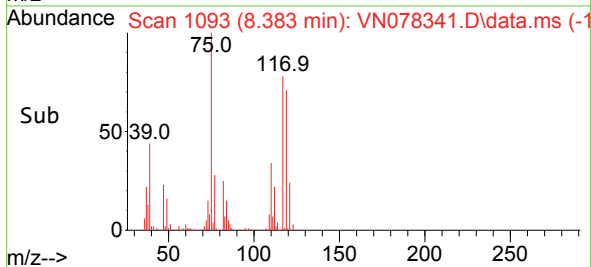
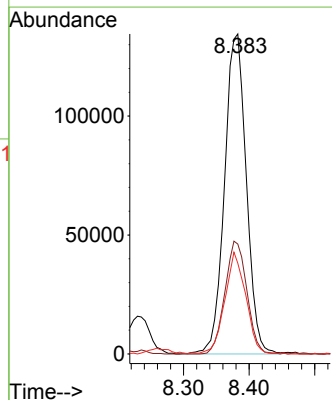
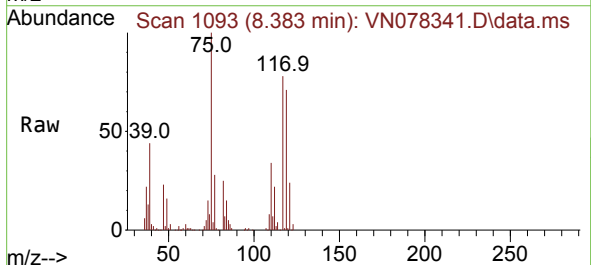
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

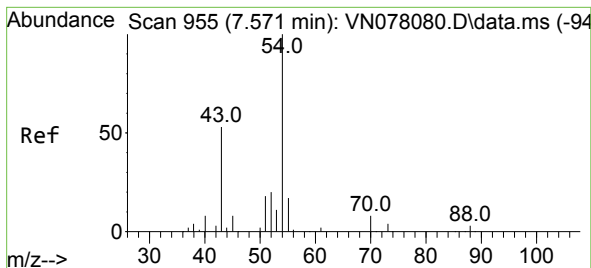
Tgt Ion:113 Resp: 242088
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 46.715 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 75 Resp: 310412
Ion Ratio Lower Upper
75 100
110 35.5 19.1 57.3
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 49.688 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

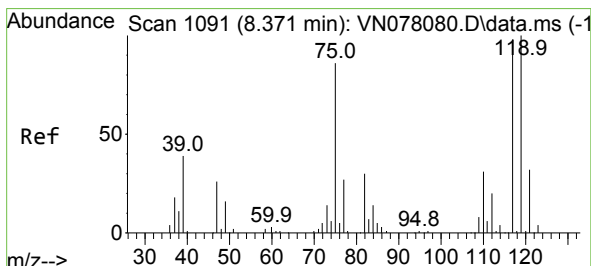
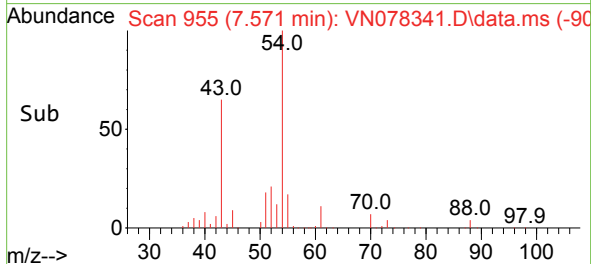
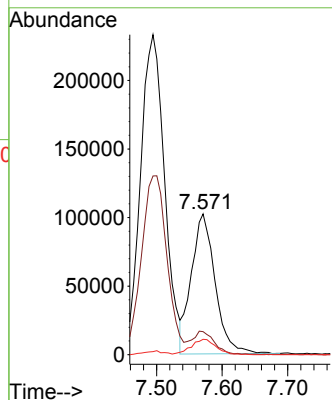
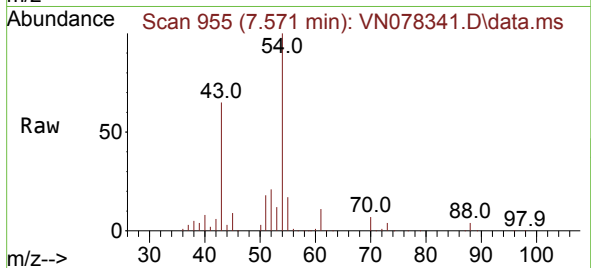
Tgt Ion: 43 Resp: 257927

Ion Ratio Lower Upper

43 100

61 15.2 13.2 19.8

70 11.5 11.3 16.9



#38

Carbon Tetrachloride

Concen: 49.002 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

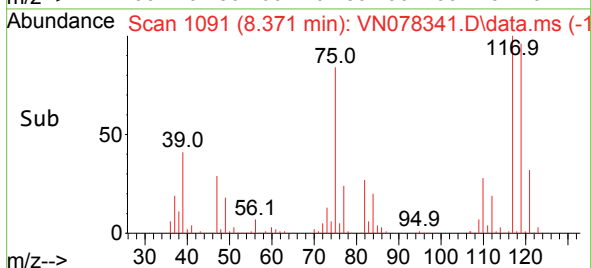
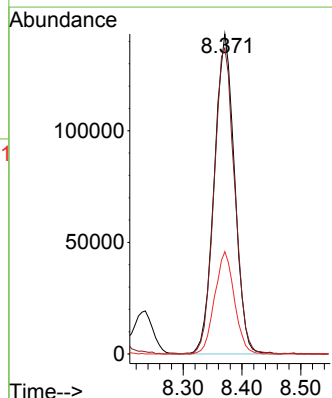
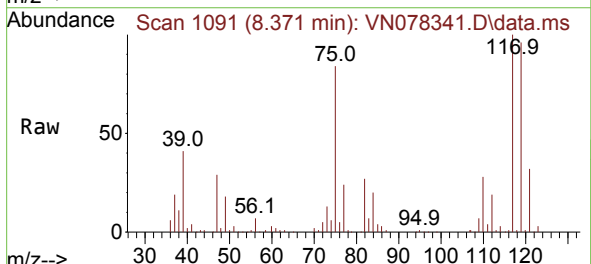
Tgt Ion: 117 Resp: 343815

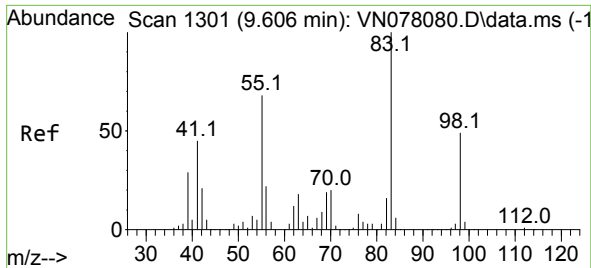
Ion Ratio Lower Upper

117 100

119 95.6 77.3 115.9

121 31.9 23.3 34.9

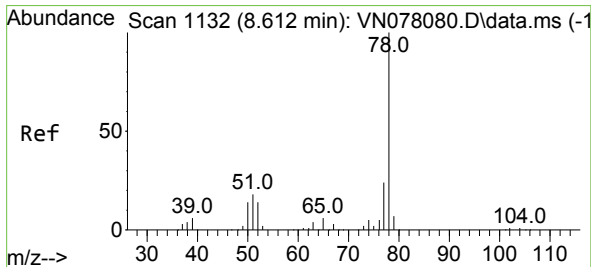
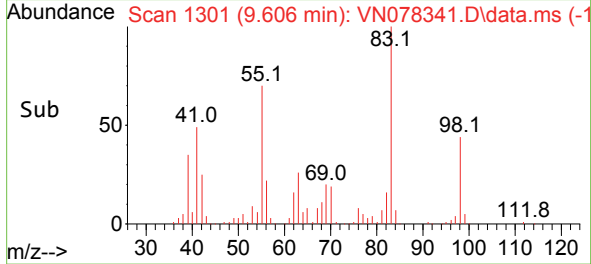
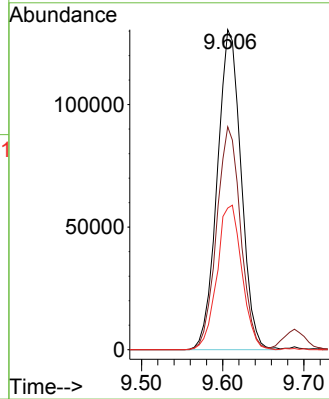
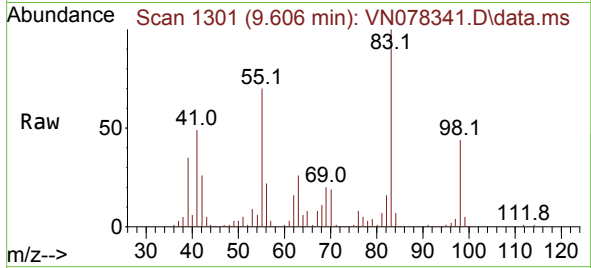




#39
Methylcyclohexane
Concen: 38.757 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

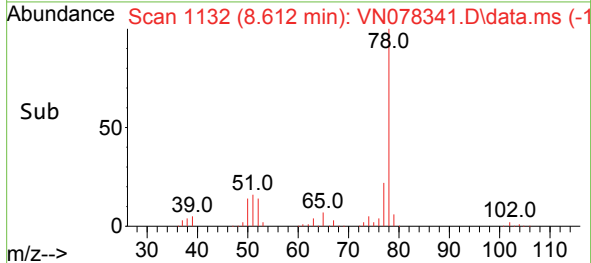
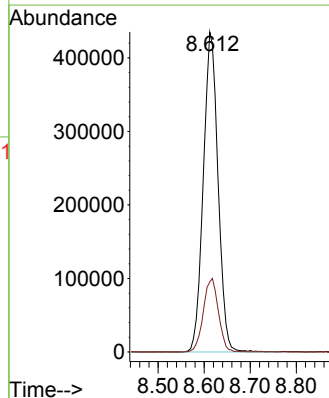
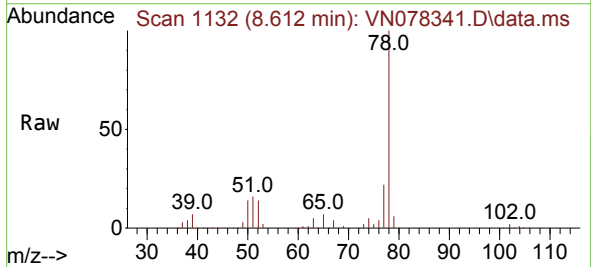
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

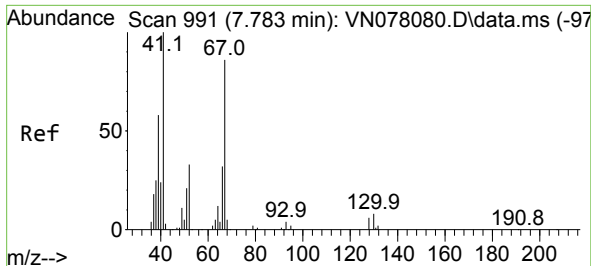
Tgt Ion: 83 Resp: 266887
Ion Ratio Lower Upper
83 100
55 69.7 49.1 73.7
98 44.3 40.6 61.0



#40
Benzene
Concen: 48.929 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 78 Resp: 970629
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.6



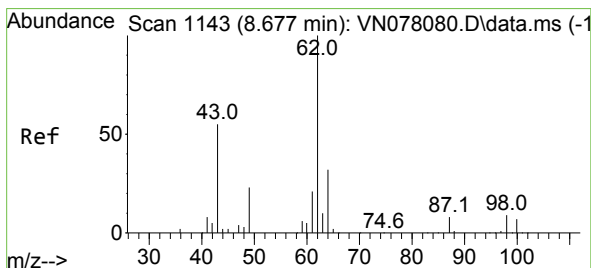
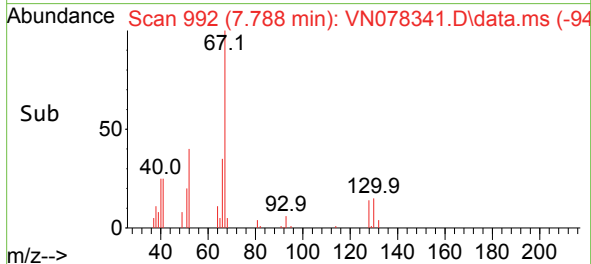
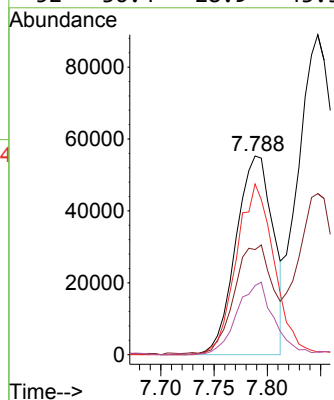
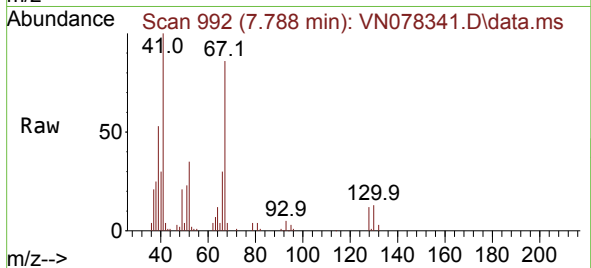


#41
Methacrylonitrile
Concen: 47.797 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 134484

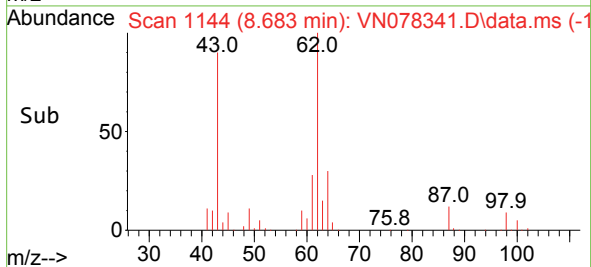
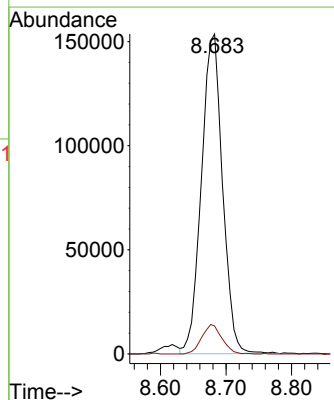
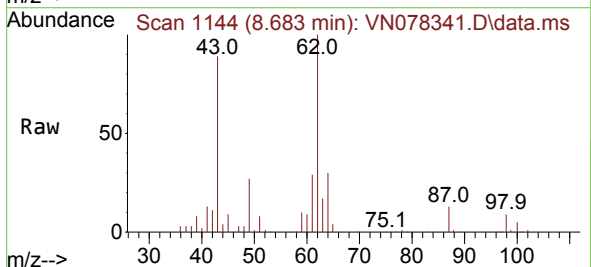
Ion	Ratio	Lower	Upper
41	100		
39	56.2	42.6	64.0
67	87.7	77.5	116.3
52	36.4	28.9	43.3

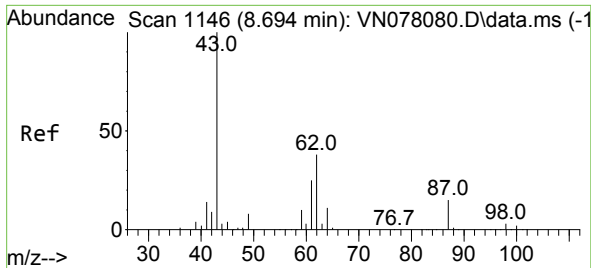


#42
1,2-Dichloroethane
Concen: 50.703 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 62 Resp: 344865

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.8

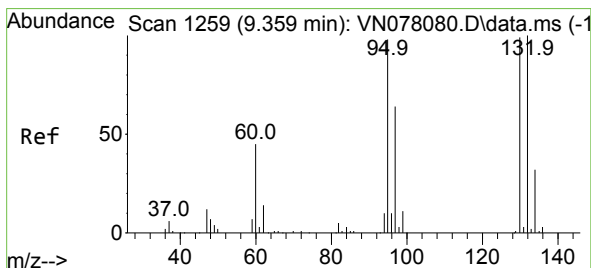
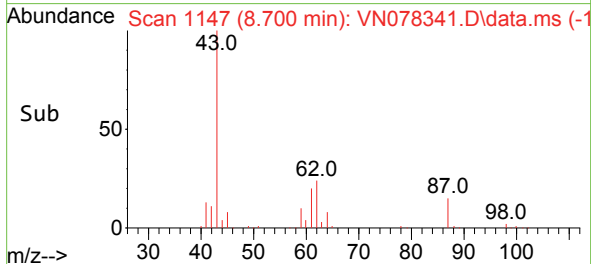
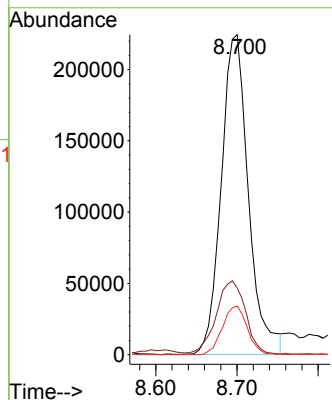
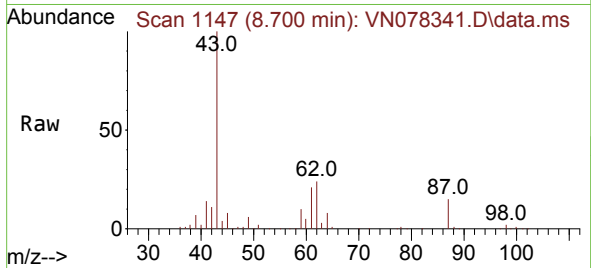




#43
Isopropyl Acetate
Concen: 52.569 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

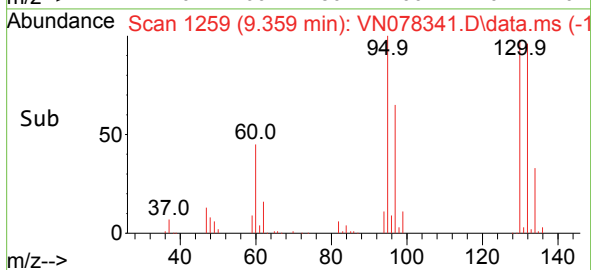
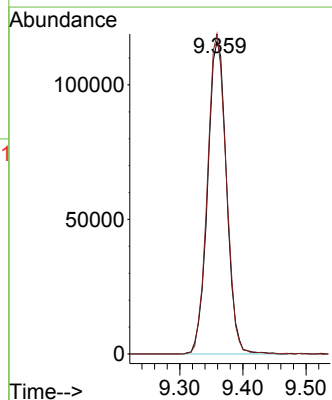
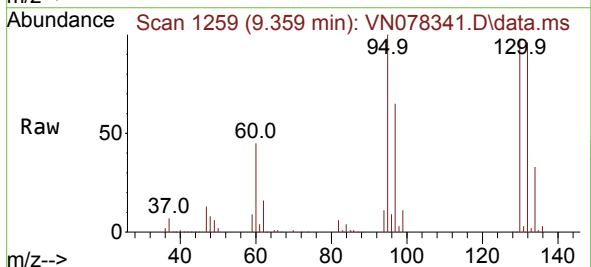
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

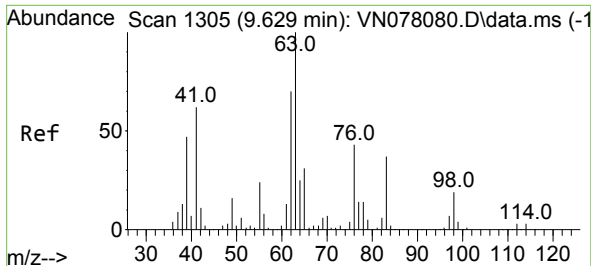
Tgt Ion: 43 Resp: 521874
Ion Ratio Lower Upper
43 100
61 24.6 24.7 37.1#
87 14.0 14.6 21.8#



#44
Trichloroethene
Concen: 46.164 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion:130 Resp: 241847
Ion Ratio Lower Upper
130 100
95 102.4 0.0 204.6

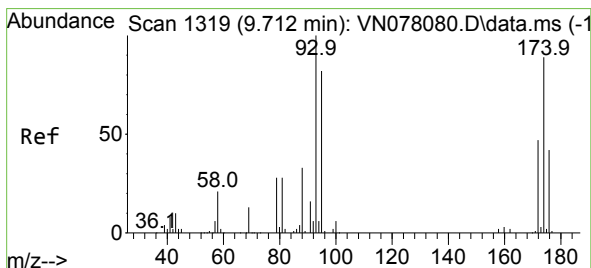
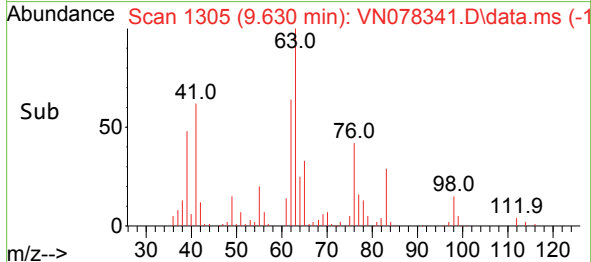
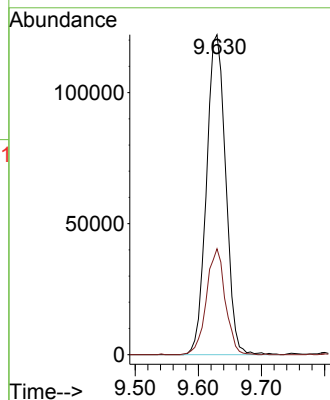
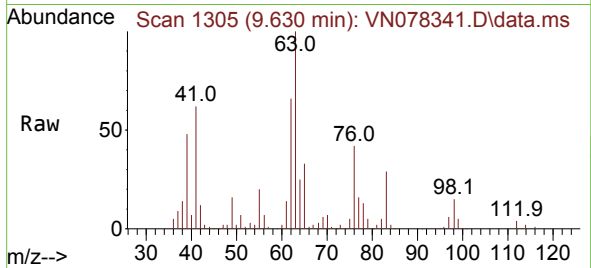




#45
1,2-Dichloropropane
Concen: 52.211 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

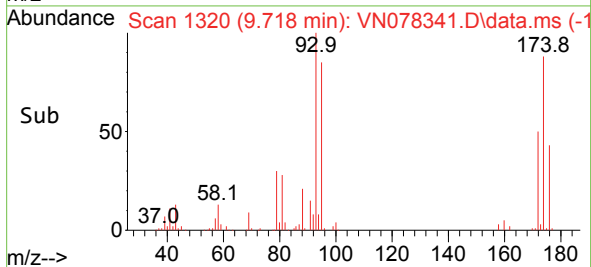
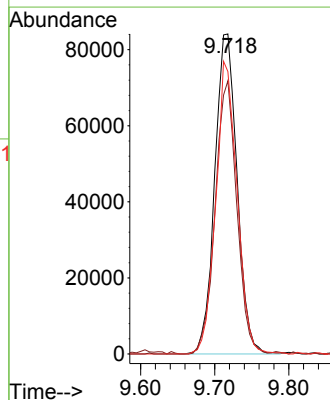
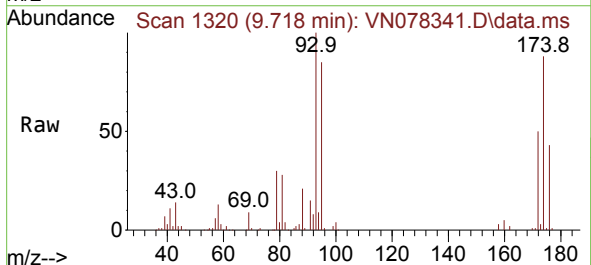
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

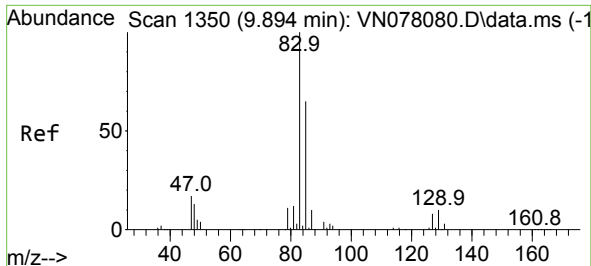
Tgt Ion: 63 Resp: 257691
Ion Ratio Lower Upper
63 100
65 33.1 23.9 35.9



#46
Dibromomethane
Concen: 48.390 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 93 Resp: 175918
Ion Ratio Lower Upper
93 100
95 82.8 63.8 95.8
174 87.6 65.6 98.4

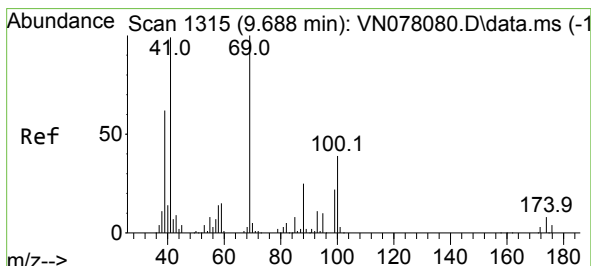
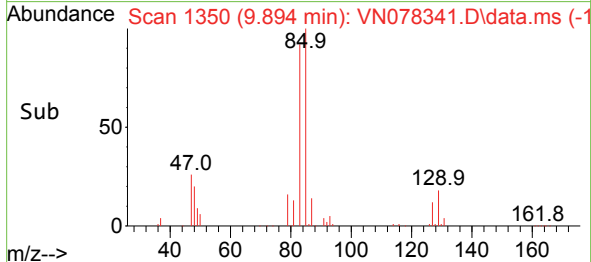
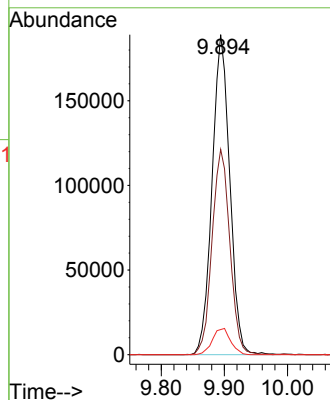
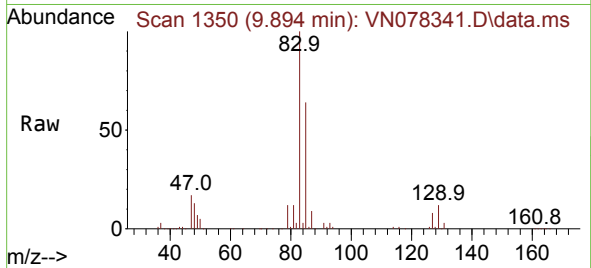




#47
Bromodichloromethane
Concen: 54.351 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

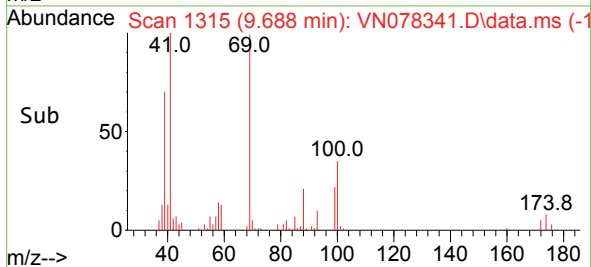
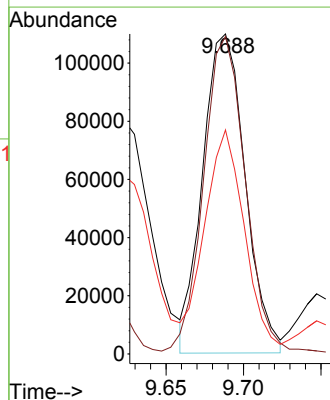
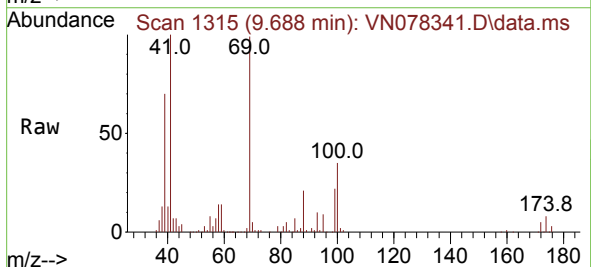
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

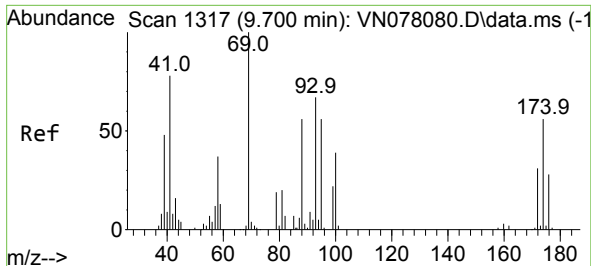
Tgt Ion: 83 Resp: 367024
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 50.260 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 41 Resp: 209387
Ion Ratio Lower Upper
41 100
69 99.1 90.4 135.6
39 66.6 54.6 81.8





#49

1,4-Dioxane

Concen: 914.058 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

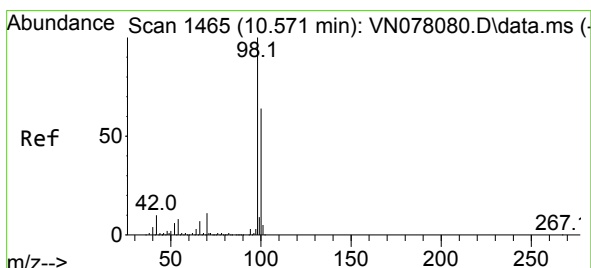
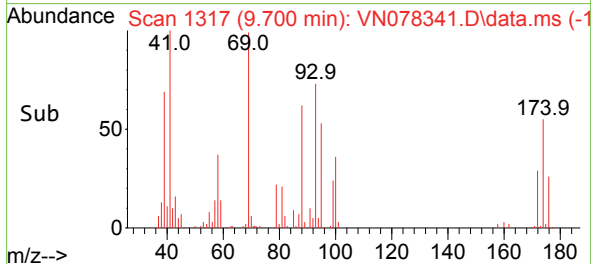
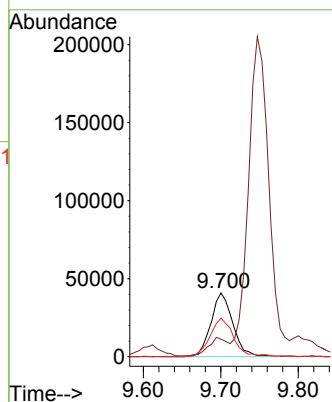
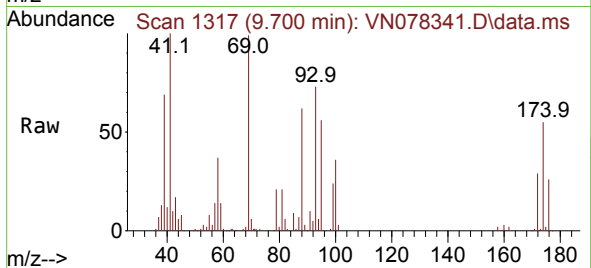
Tgt Ion: 88 Resp: 80037

Ion Ratio Lower Upper

88 100

43 25.2 17.0 25.6

58 66.0 47.0 70.4



#50

Toluene-d8

Concen: 49.867 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078341.D

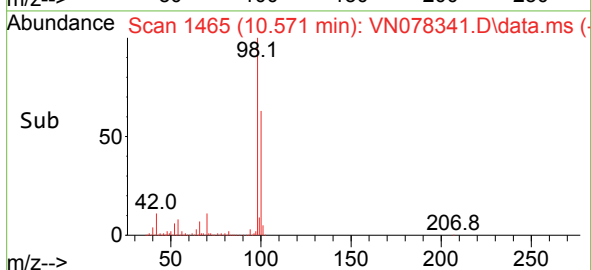
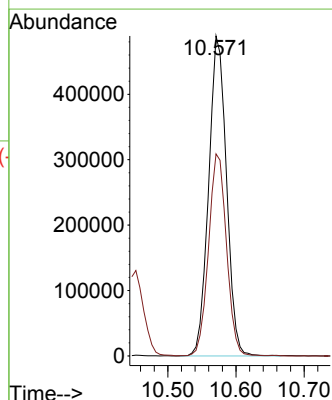
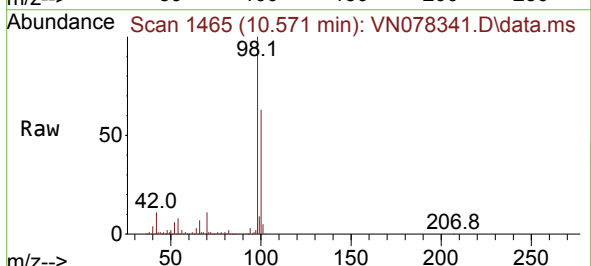
Acq: 21 Jun 2023 22:47

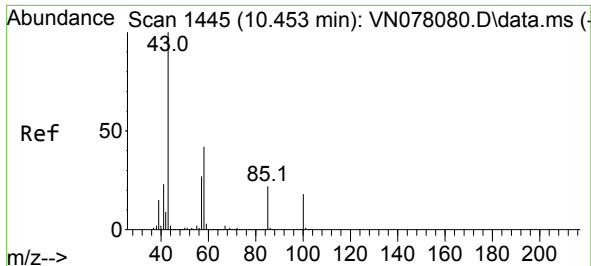
Tgt Ion: 98 Resp: 890572

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

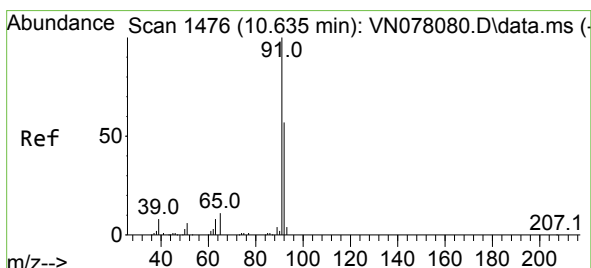
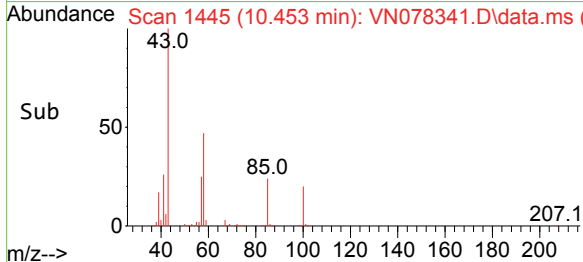
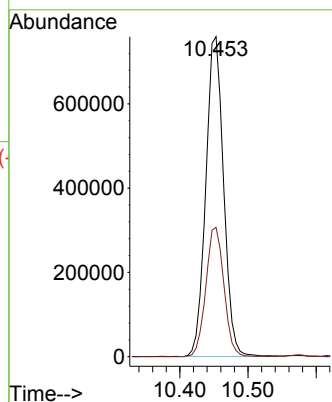
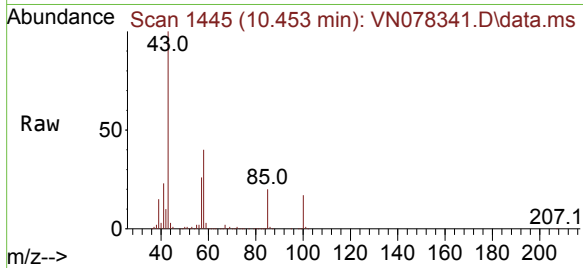




#51
4-Methyl-2-Pentanone
Concen: 264.149 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

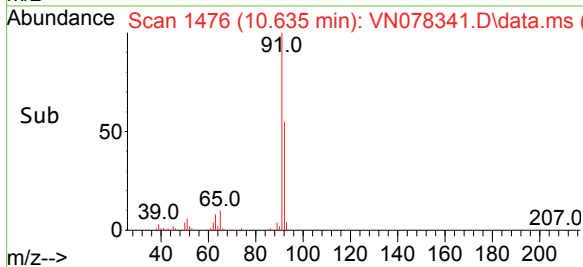
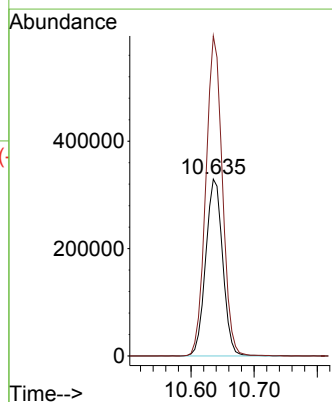
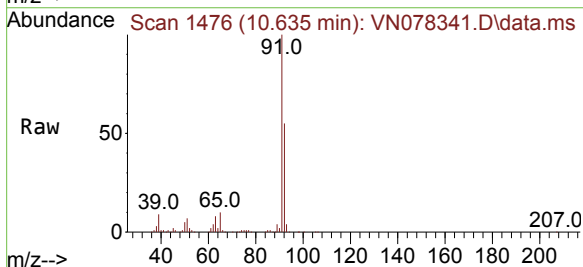
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

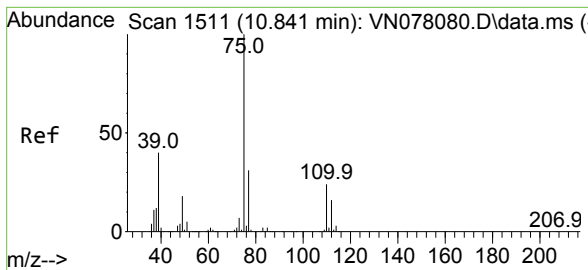
Tgt Ion: 43 Resp: 1380884
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8



#52
Toluene
Concen: 49.026 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 92 Resp: 614048
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0

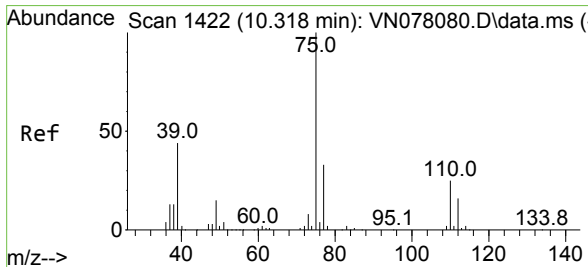
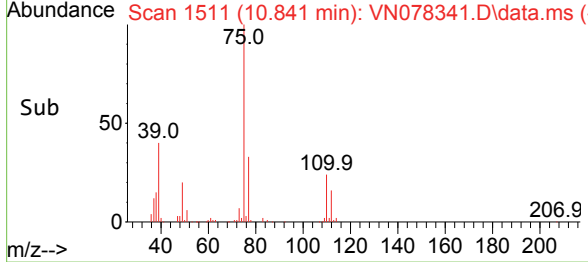
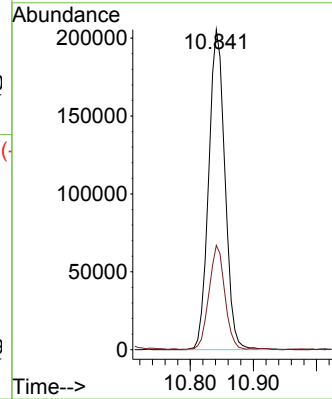
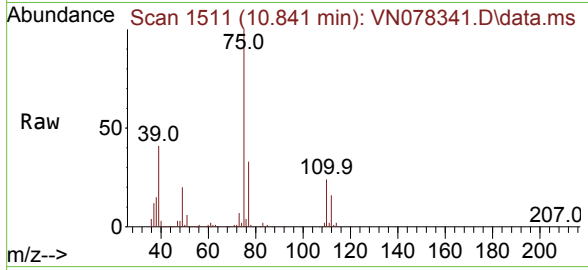




#53
 t-1,3-Dichloropropene
 Concen: 52.174 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

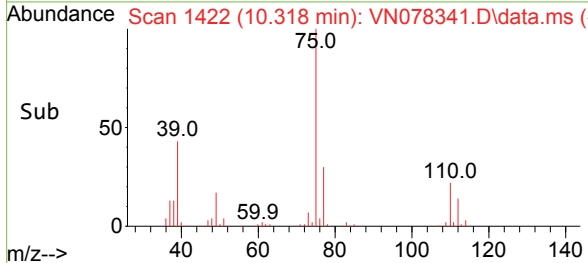
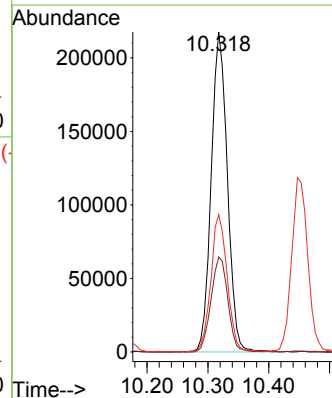
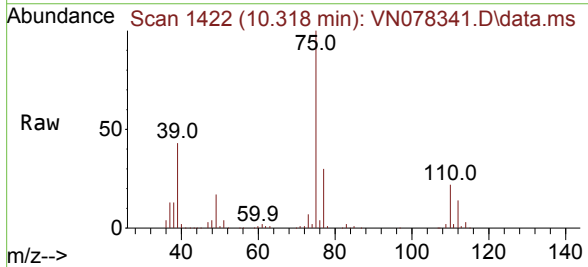
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

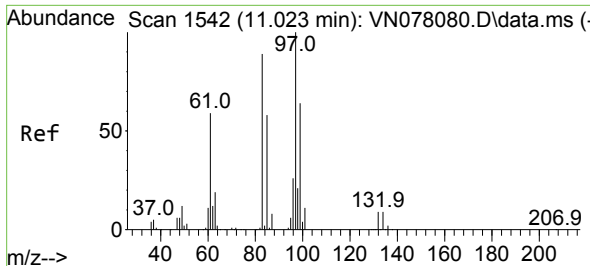
Tgt Ion: 75 Resp: 366924
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.549 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

Tgt Ion: 75 Resp: 400748
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.1 39.1
 39 42.5 31.6 47.4

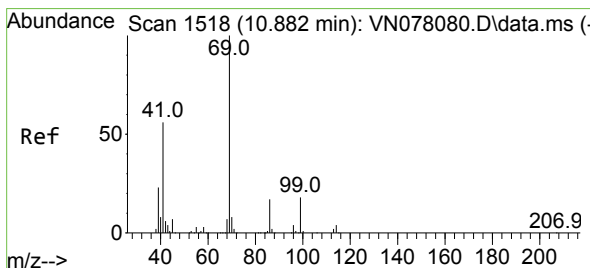
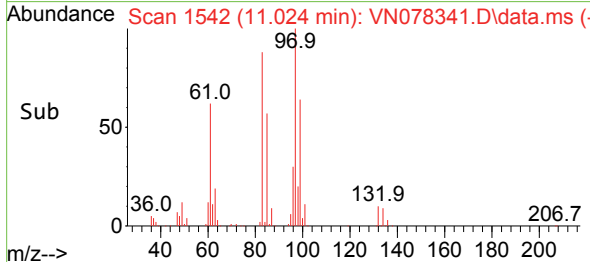
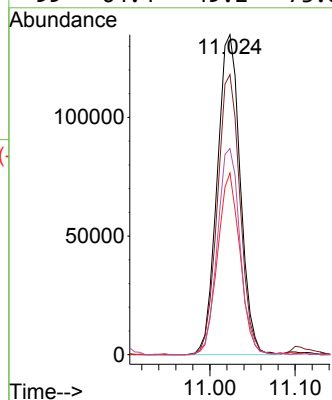
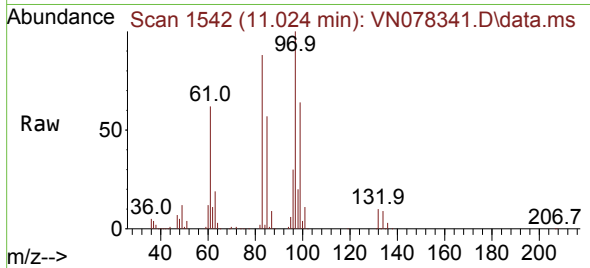




#55
1,1,2-Trichloroethane
Concen: 53.701 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

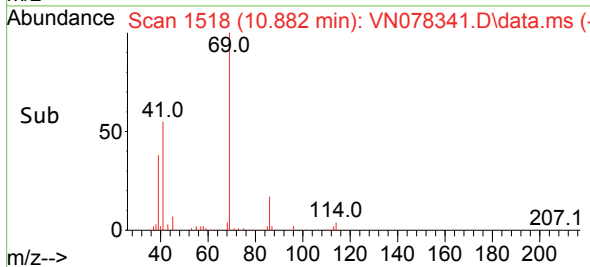
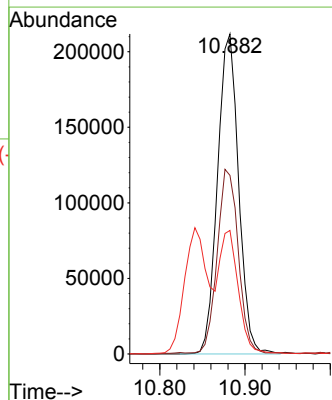
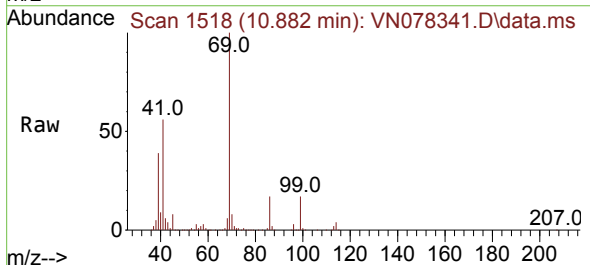
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

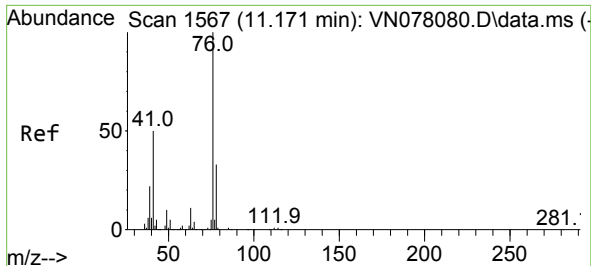
Tgt Ion:	97	Resp:	254437
Ion	Ratio	Lower	Upper
97	100		
83	87.5	65.1	97.7
85	56.8	43.4	65.2
99	64.4	49.2	73.8



#56
Ethyl methacrylate
Concen: 52.801 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion:	69	Resp:	364273
Ion	Ratio	Lower	Upper
69	100		
41	57.2	39.6	59.4
39	33.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 51.661 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

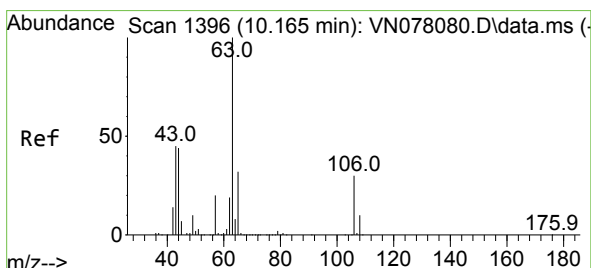
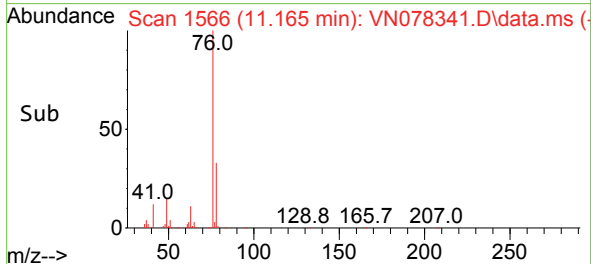
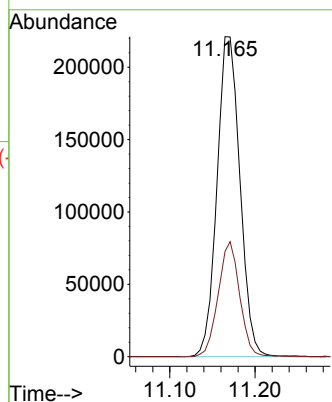
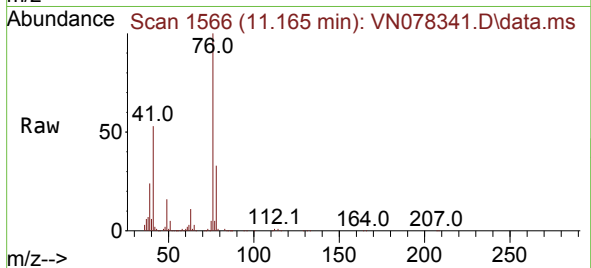
VSTDCCC050EC

Tgt Ion: 76 Resp: 413164

Ion Ratio Lower Upper

76 100

78 33.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 239.798 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078341.D

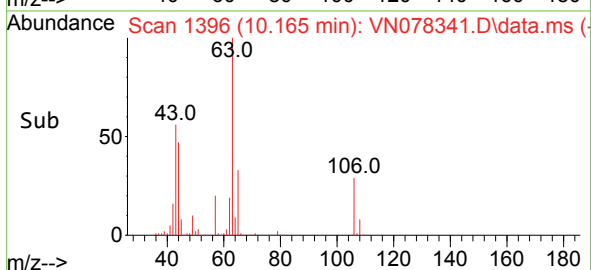
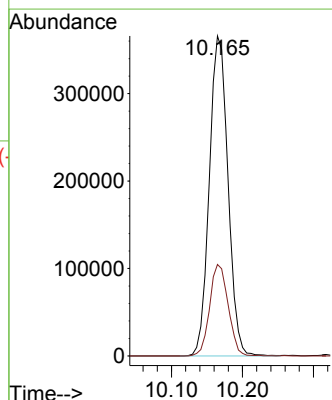
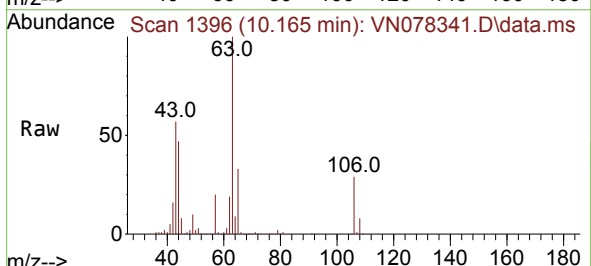
Acq: 21 Jun 2023 22:47

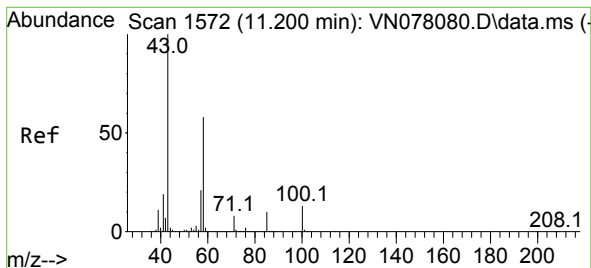
Tgt Ion: 63 Resp: 668309

Ion Ratio Lower Upper

63 100

106 28.3 26.2 39.4

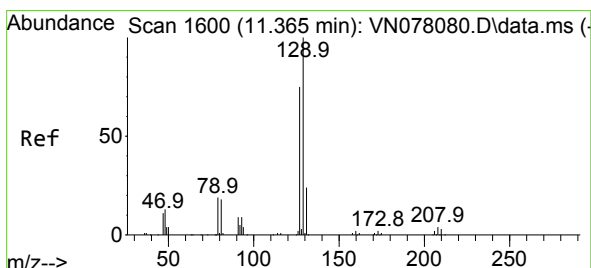
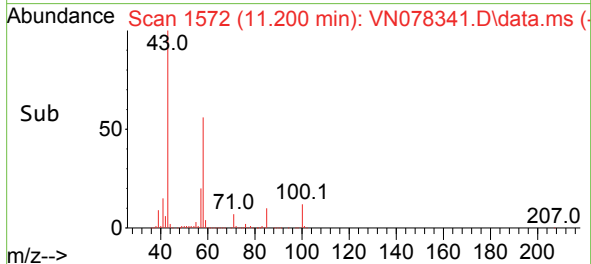
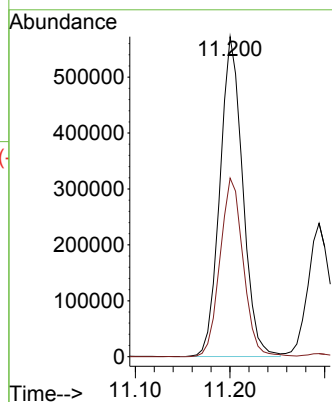
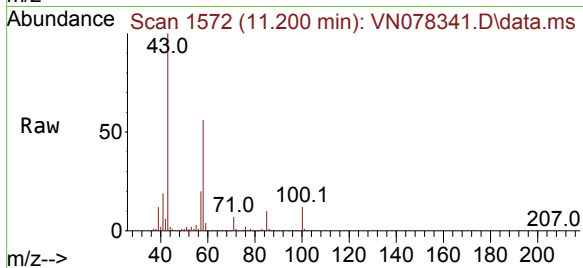




#59
2-Hexanone
Concen: 263.342 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

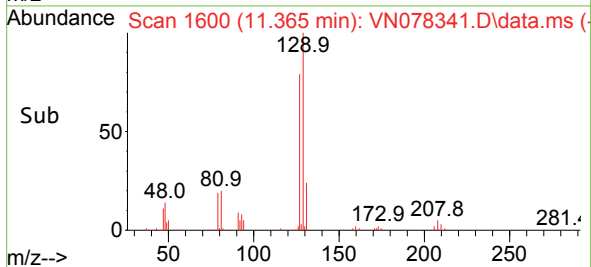
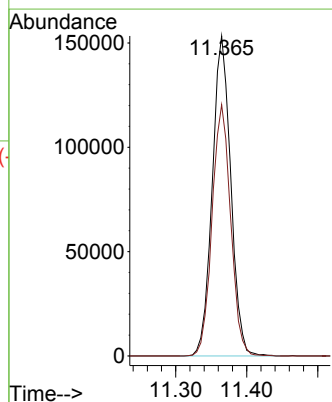
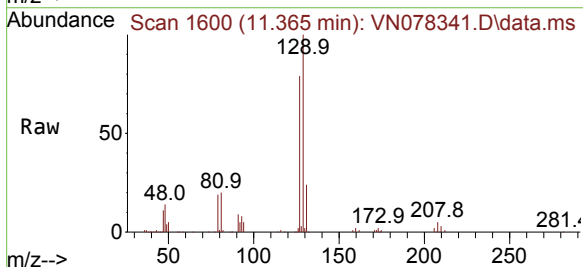
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

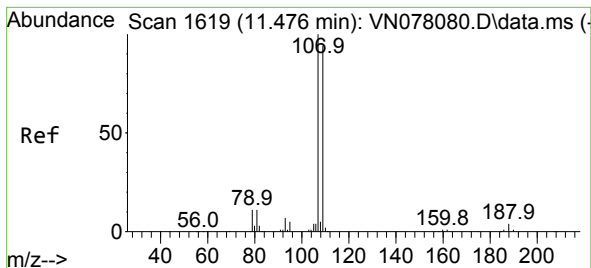
Tgt Ion: 43 Resp: 958558
Ion Ratio Lower Upper
43 100
58 56.8 31.7 95.1



#60
Dibromochloromethane
Concen: 53.371 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 129 Resp: 276707
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0

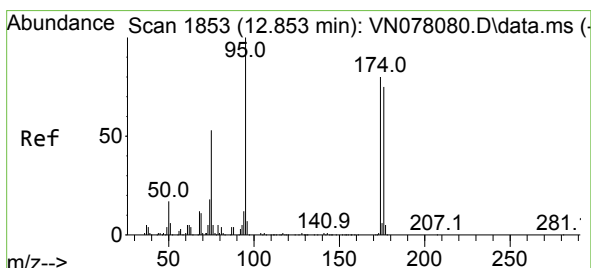
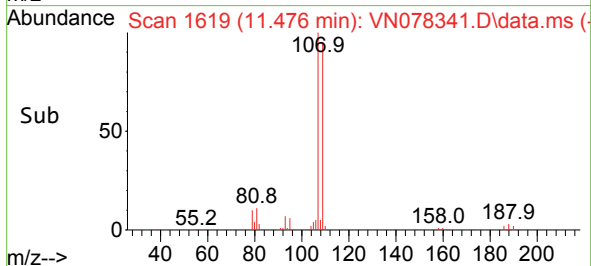
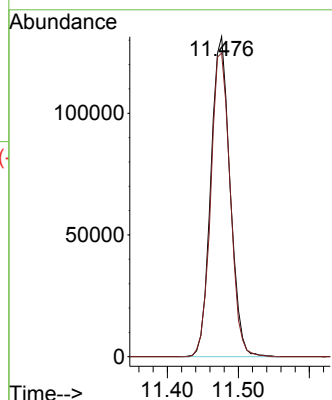
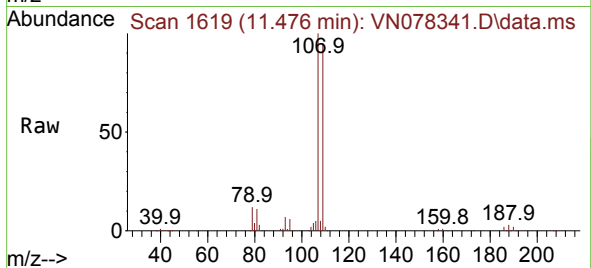




#61
1,2-Dibromoethane
Concen: 49.670 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

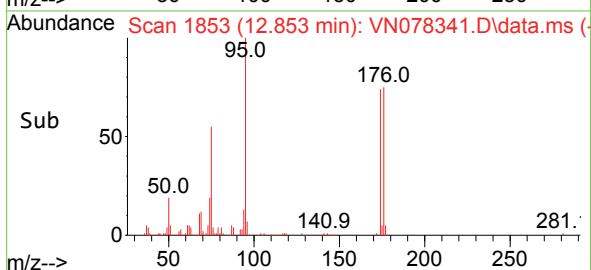
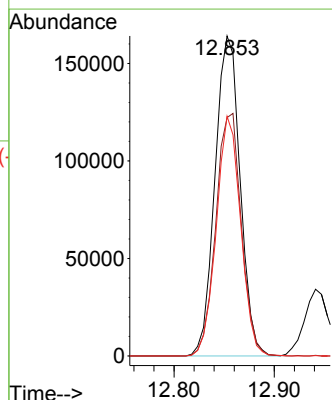
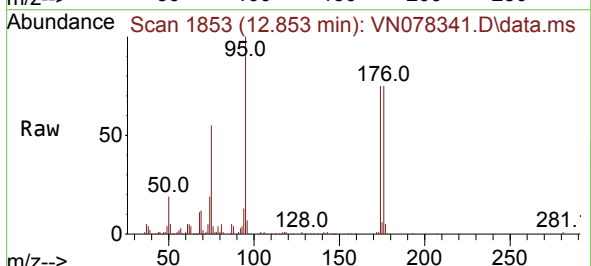
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

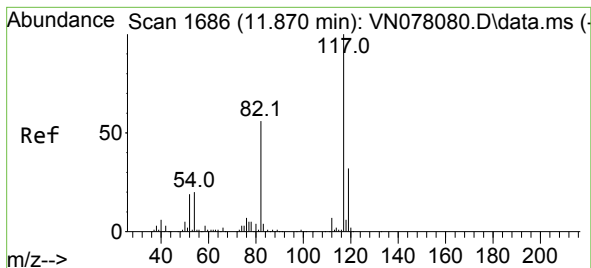
Tgt Ion:107 Resp: 246970
Ion Ratio Lower Upper
107 100
109 95.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.293 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 95 Resp: 284773
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 72.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

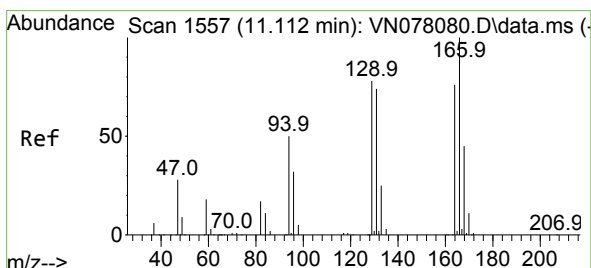
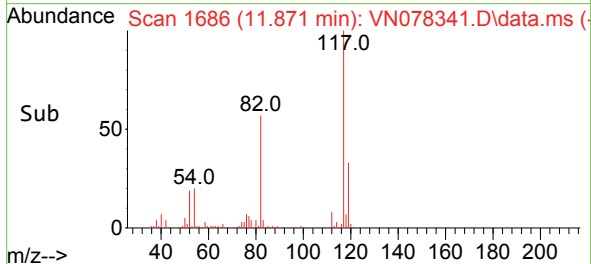
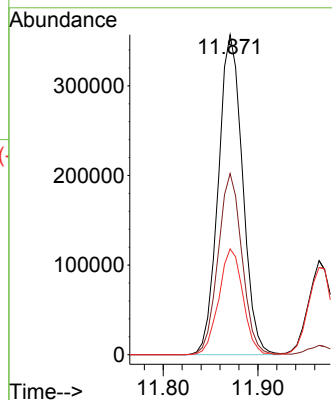
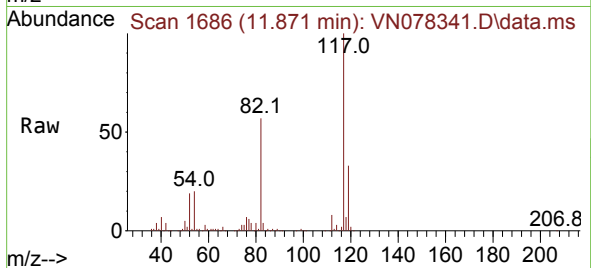
Tgt Ion:117 Resp: 636390

Ion Ratio Lower Upper

117 100

82 56.6 44.0 66.0

119 33.0 25.6 38.4



#64

Tetrachloroethene

Concen: 42.598 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Tgt Ion:164 Resp: 180851

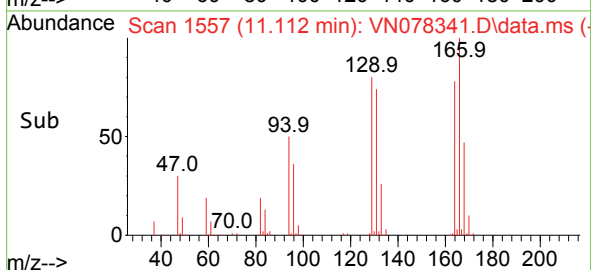
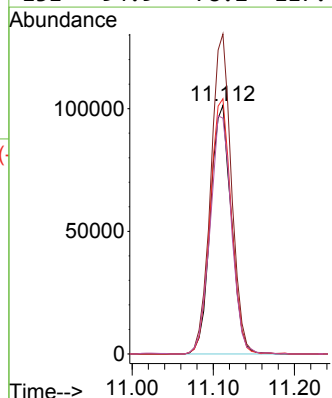
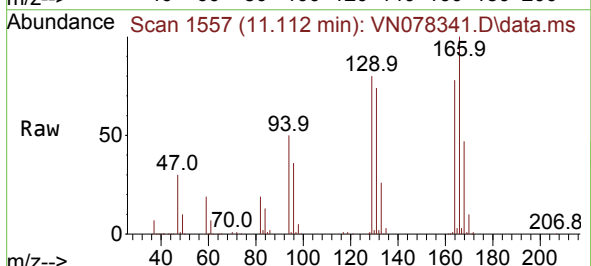
Ion Ratio Lower Upper

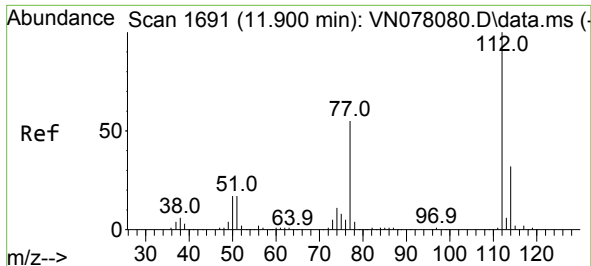
164 100

166 128.8 101.4 152.0

129 102.7 82.4 123.6

131 94.9 78.2 117.4

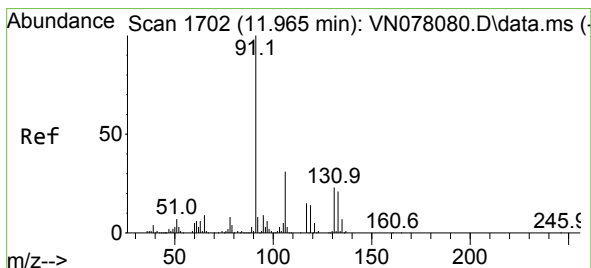
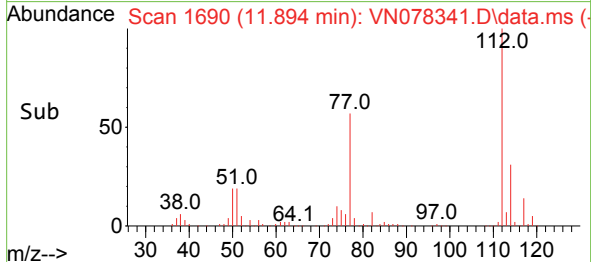
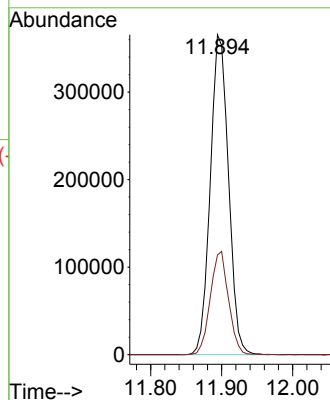
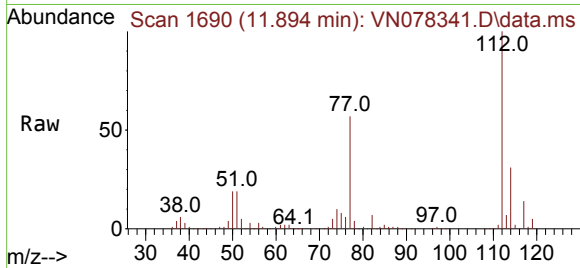




#65
Chlorobenzene
Concen: 47.738 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

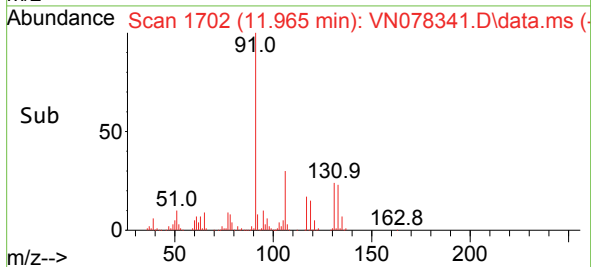
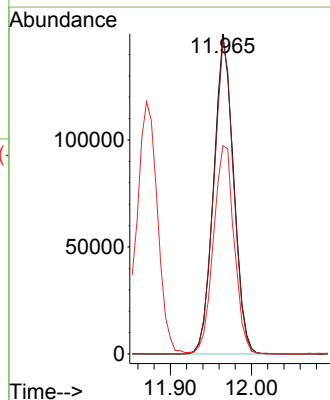
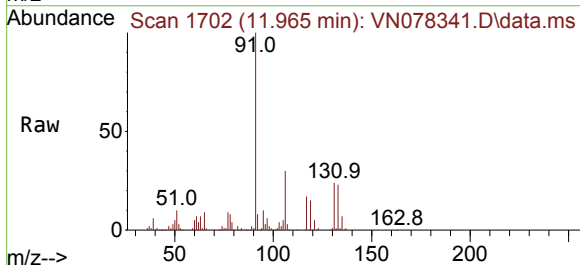
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

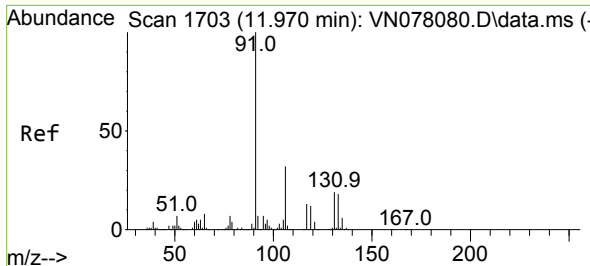
Tgt Ion:112 Resp: 650606
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.956 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion:131 Resp: 255422
Ion Ratio Lower Upper
131 100
133 97.7 46.4 139.1
119 67.8 34.1 102.2

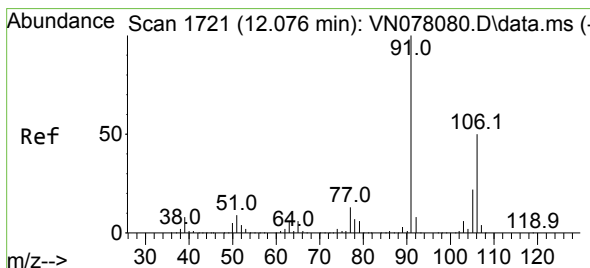
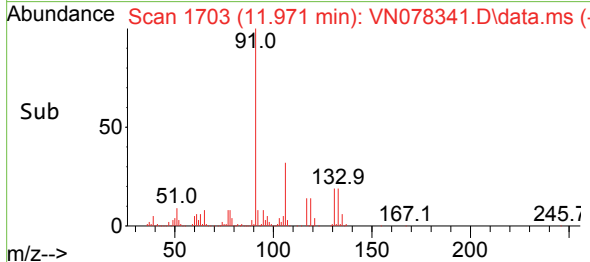
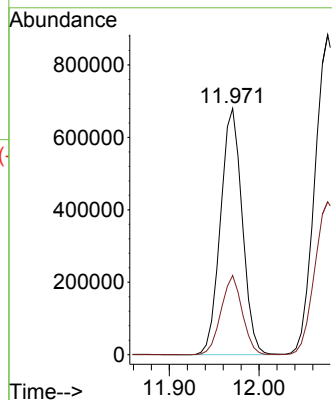
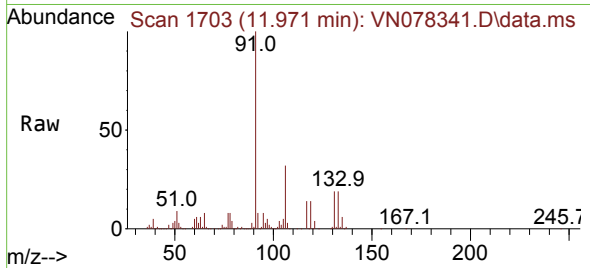




#67
Ethyl Benzene
Concen: 48.651 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

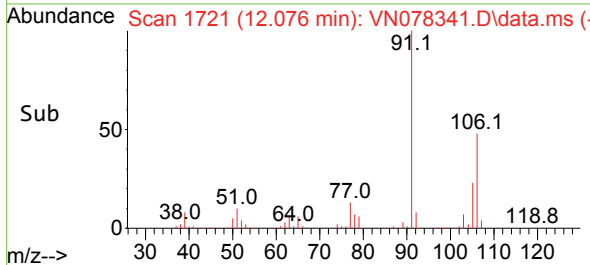
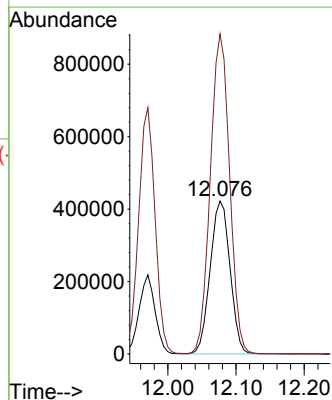
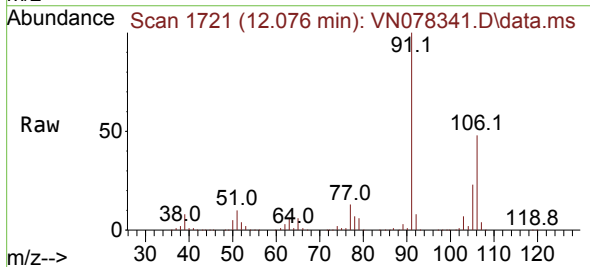
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

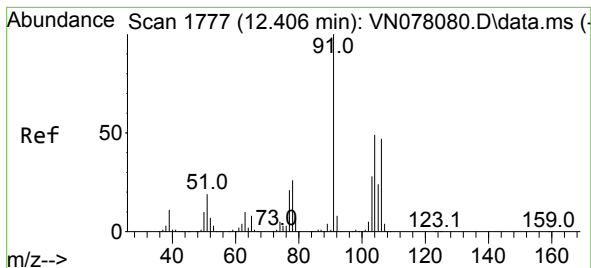
Tgt Ion: 91 Resp: 1144071
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 95.519 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion:106 Resp: 856039
Ion Ratio Lower Upper
106 100
91 203.5 159.6 239.4





#69

o-Xylene

Concen: 48.433 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

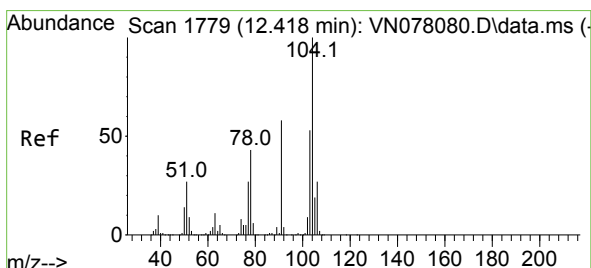
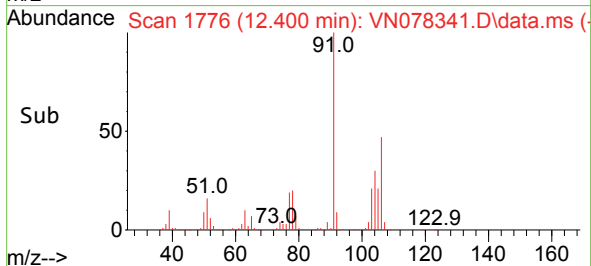
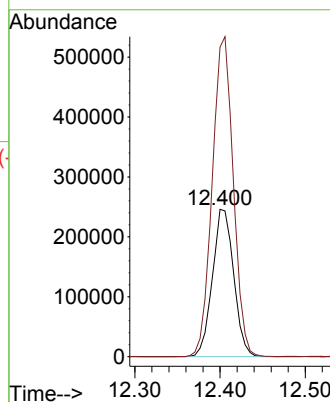
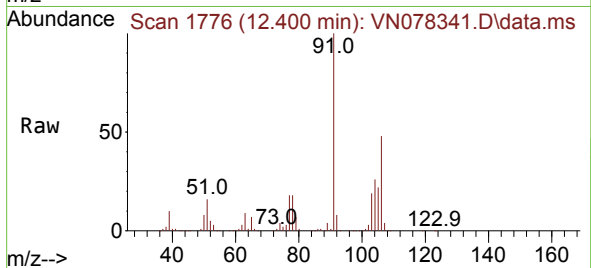
VSTDCCC050EC

Tgt Ion:106 Resp: 426247

Ion Ratio Lower Upper

106 100

91 215.2 105.2 315.5



#70

Styrene

Concen: 51.202 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

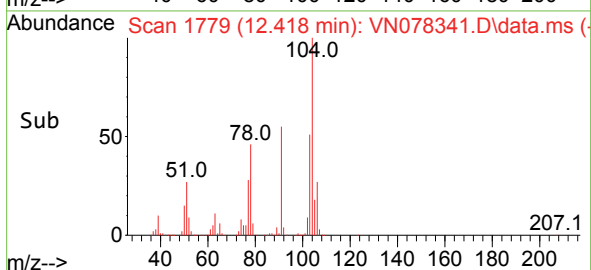
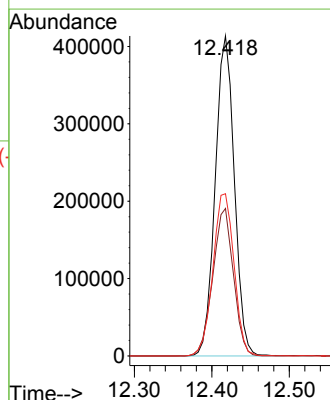
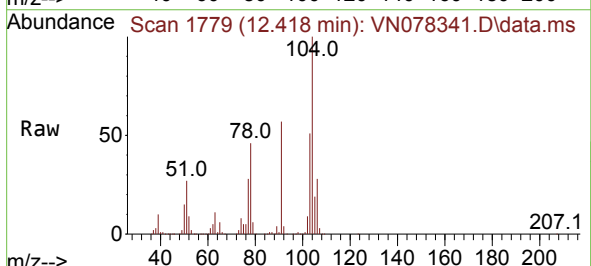
Tgt Ion:104 Resp: 709411

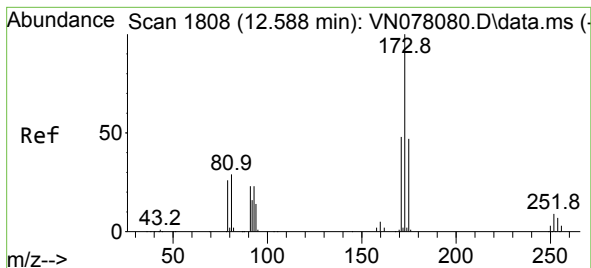
Ion Ratio Lower Upper

104 100

78 49.8 39.5 59.3

103 55.9 43.2 64.8





#71

Bromoform

Concen: 53.587 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

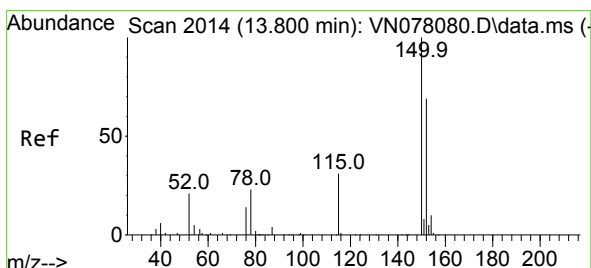
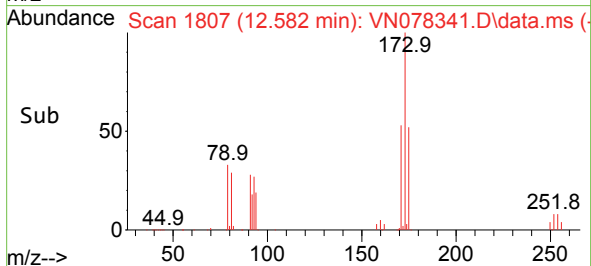
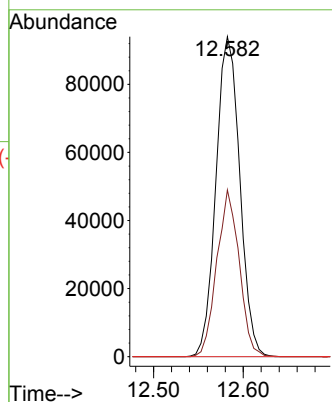
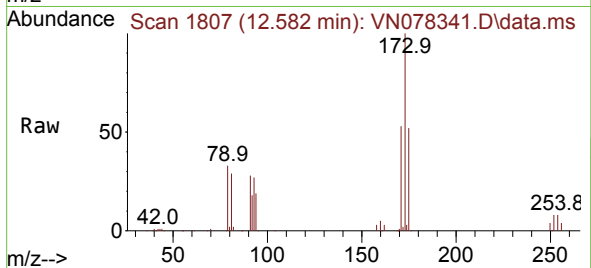
Tgt Ion:173 Resp: 173347

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

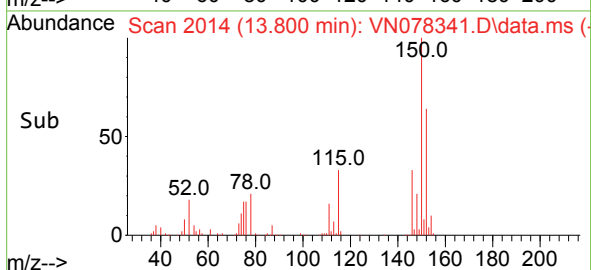
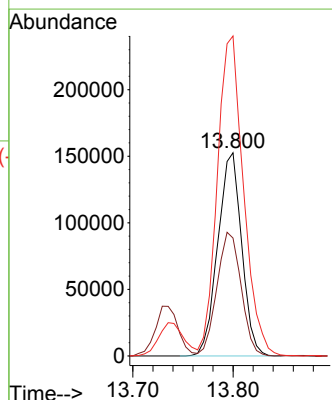
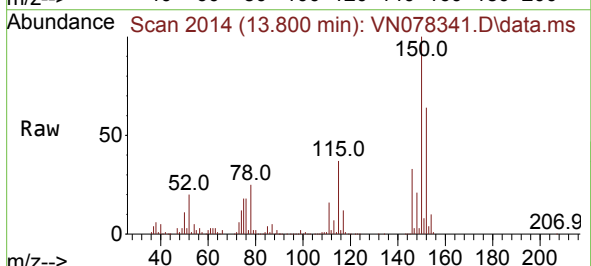
Tgt Ion:152 Resp: 252234

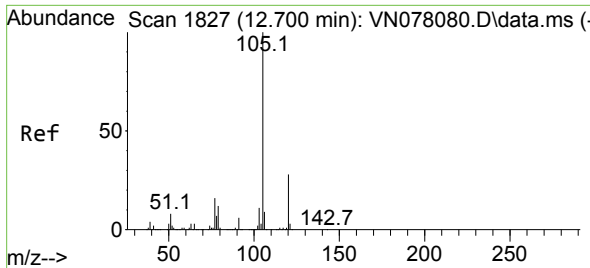
Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 172.8 0.0 355.8

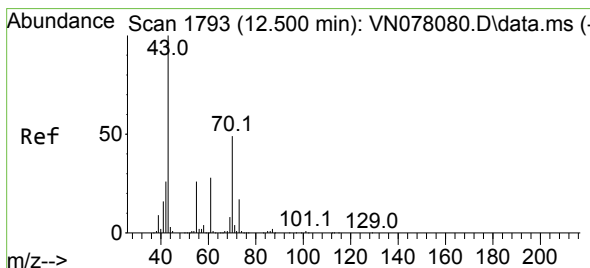
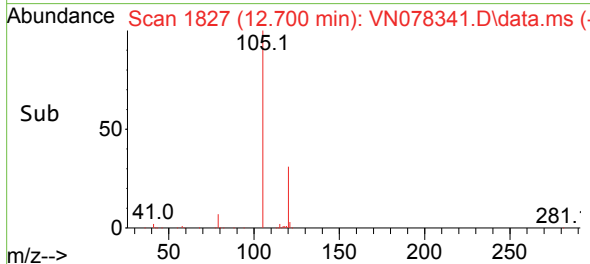
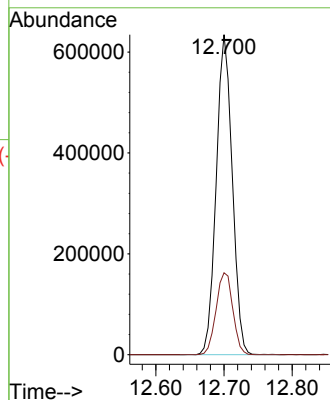
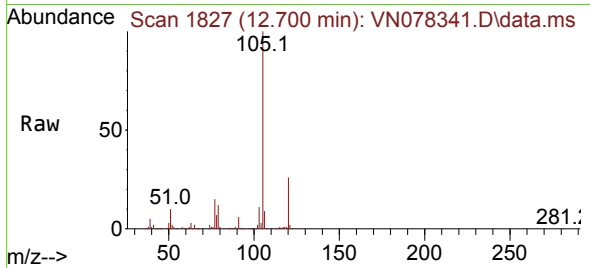




#73
Isopropylbenzene
Concen: 43.518 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

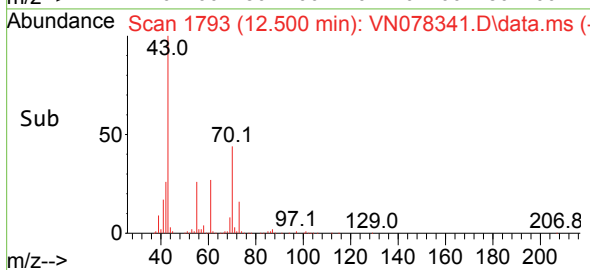
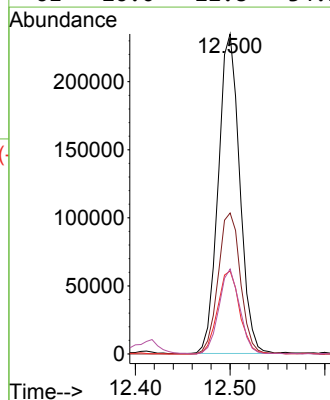
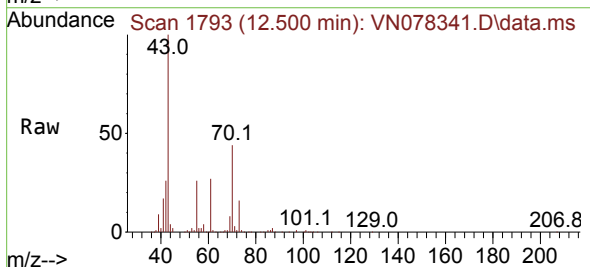
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

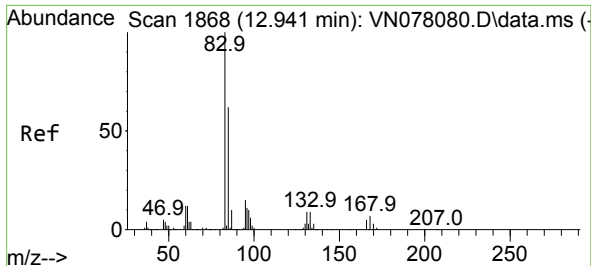
Tgt Ion:105 Resp: 1038000
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1



#74
N-ethyl acetate
Concen: 47.002 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 43 Resp: 369181
Ion Ratio Lower Upper
43 100
70 46.0 43.4 65.2
55 26.8 21.4 32.0
61 26.0 22.8 34.2

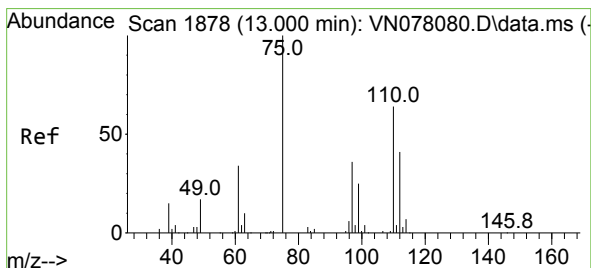
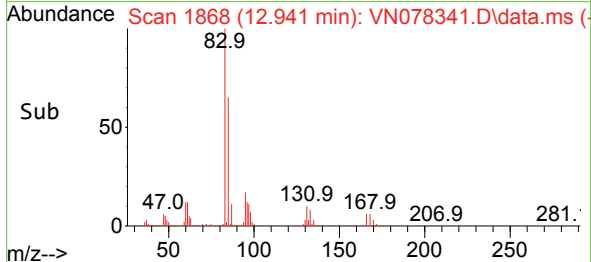
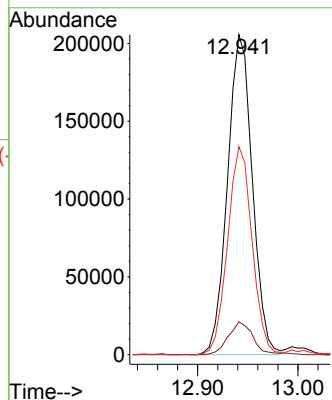
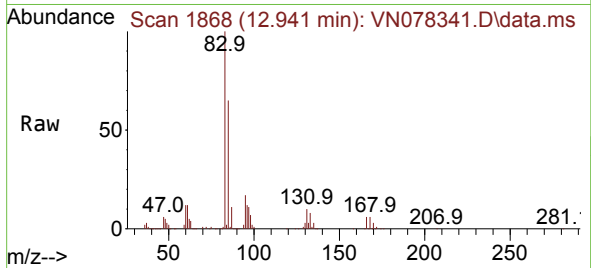




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.038 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

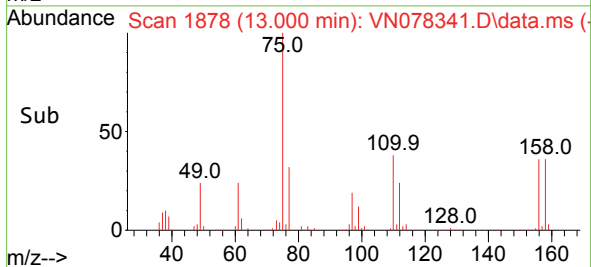
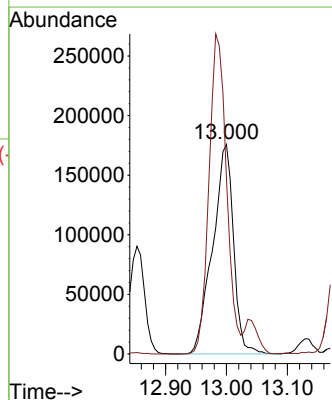
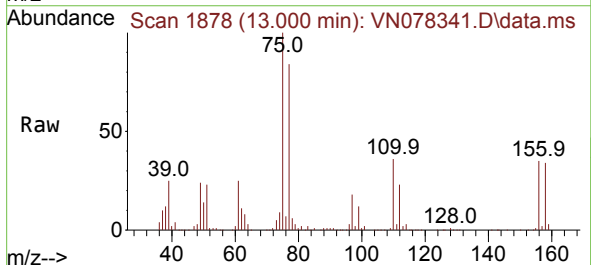
Instrument :
 MSVOA_N
 ClientSampleId :
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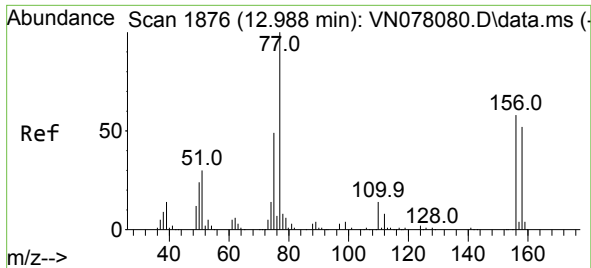
Tgt Ion: 83 Resp: 353205
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 15.0
 85 64.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 70.225 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

Tgt Ion: 75 Resp: 418745
 Ion Ratio Lower Upper
 75 100
 77 128.2 84.5 253.5

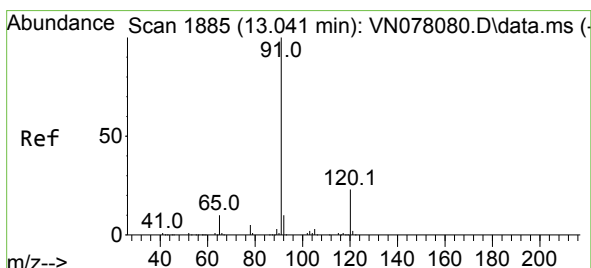
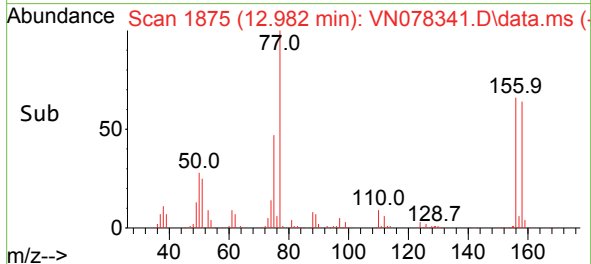
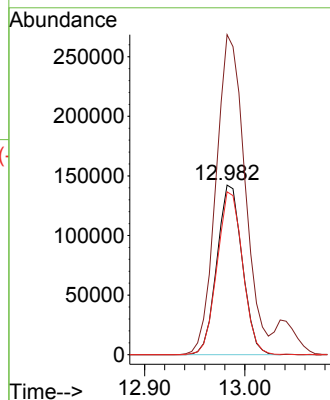
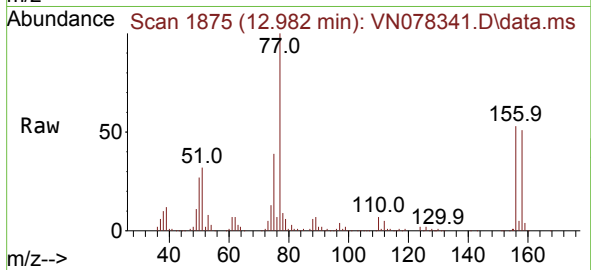




#77
Bromobenzene
Concen: 45.006 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

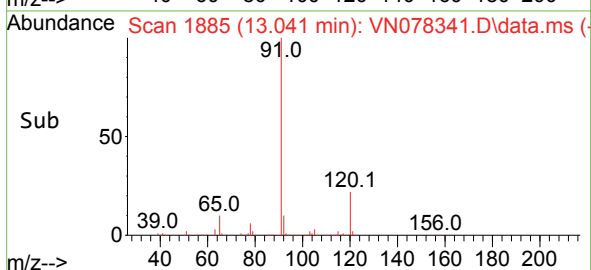
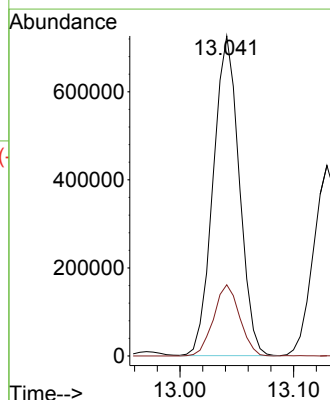
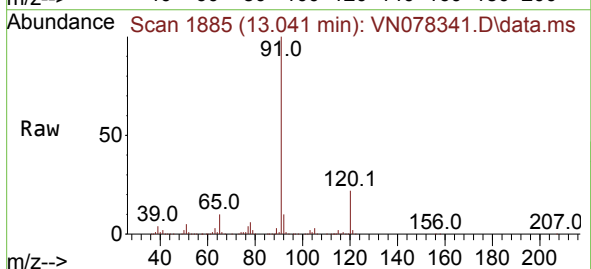
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

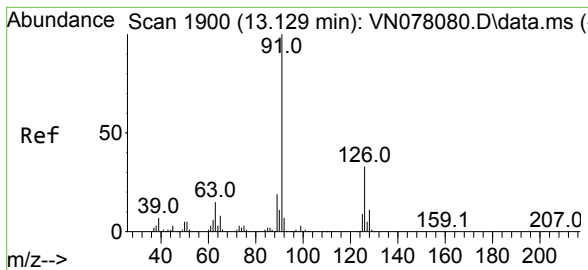
Tgt Ion:156 Resp: 249199
Ion Ratio Lower Upper
156 100
77 215.5 107.7 323.3
158 97.0 48.4 145.3



#78
n-propylbenzene
Concen: 44.654 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 91 Resp: 1157182
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4

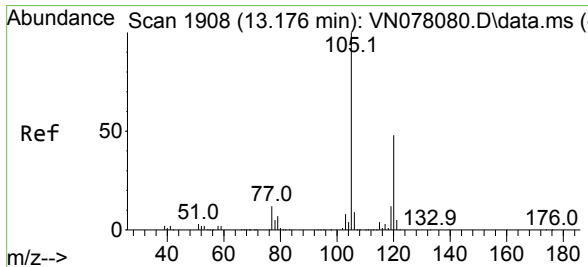
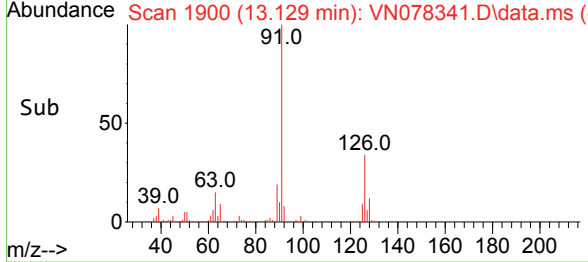
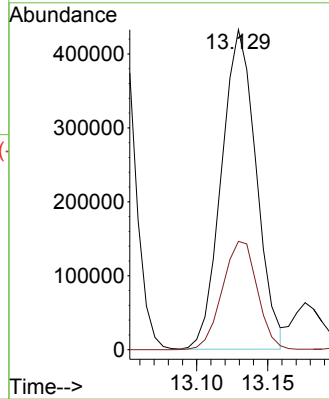
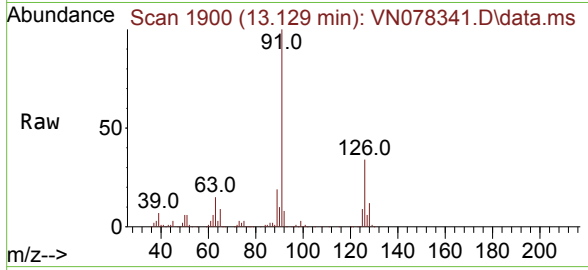




#79
2-Chlorotoluene
Concen: 44.048 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

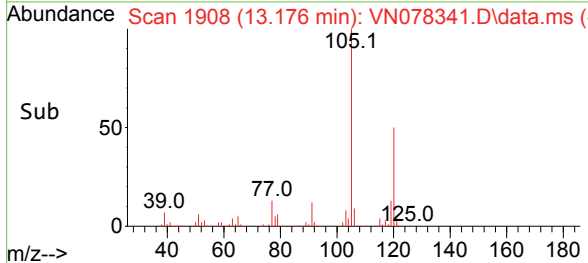
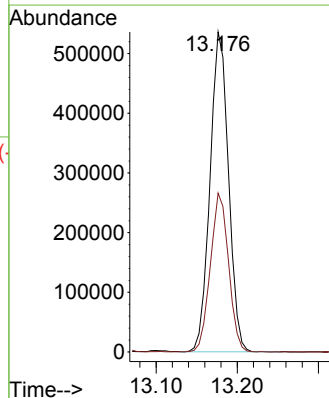
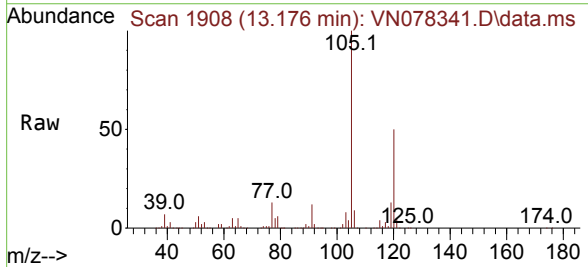
Instrument :
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ClientSampleId :
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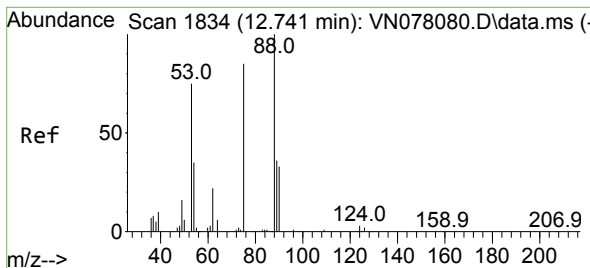
Tgt Ion: 91 Resp: 736825
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 43.789 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 105 Resp: 845613
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3

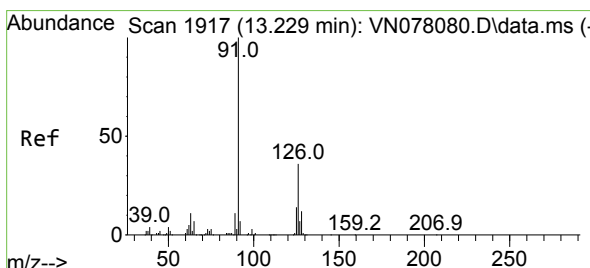
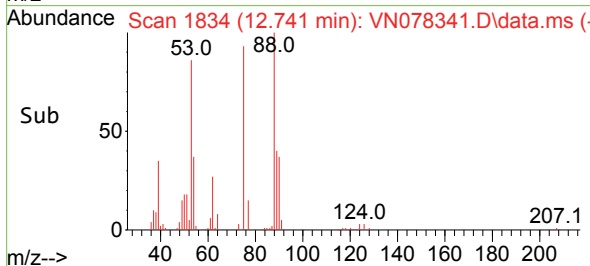
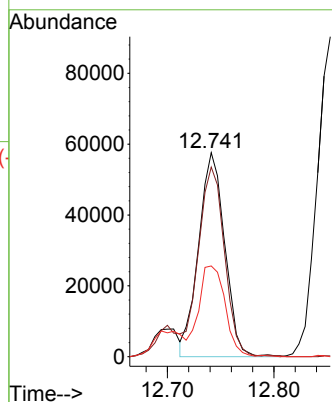
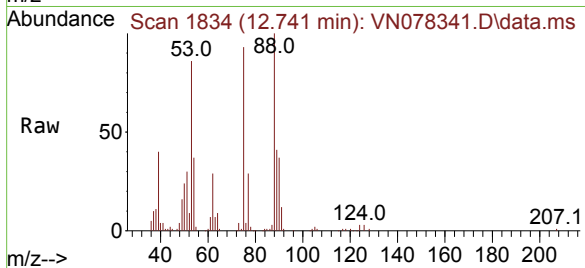




#81
trans-1,4-Dichloro-2-butene
Concen: 50.693 ug/l
RT: 12.741 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

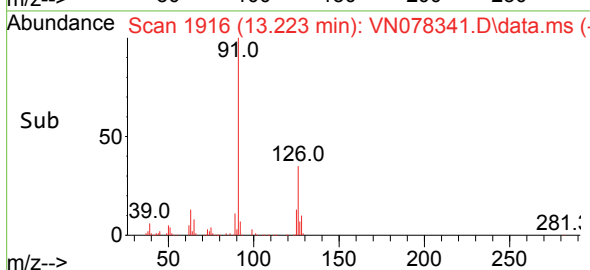
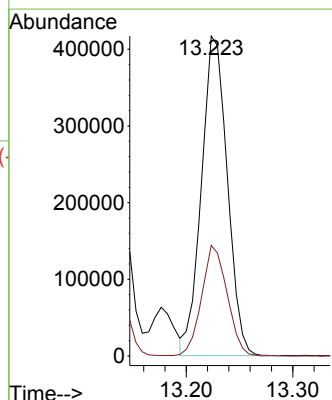
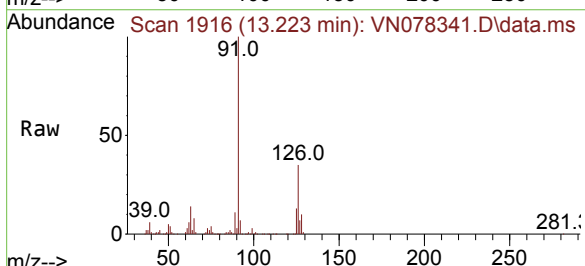
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

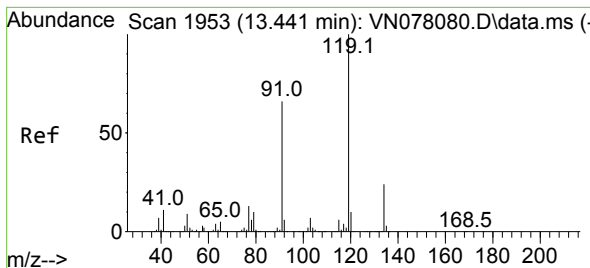
Tgt Ion: 75 Resp: 98388
Ion Ratio Lower Upper
75 100
53 92.4 67.4 101.2
89 45.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 45.116 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 91 Resp: 704360
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0

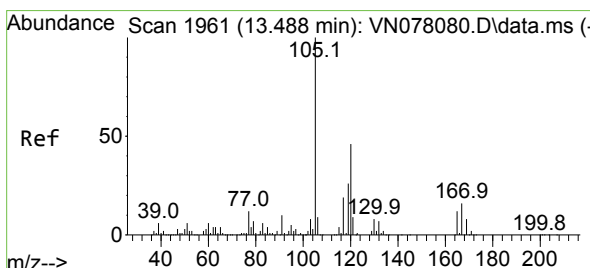
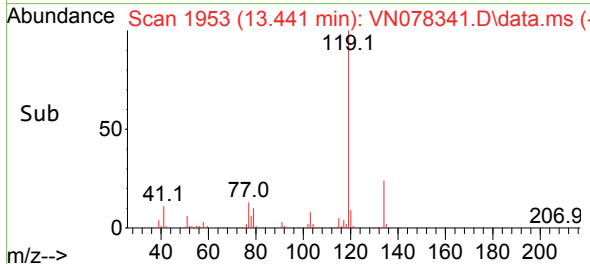
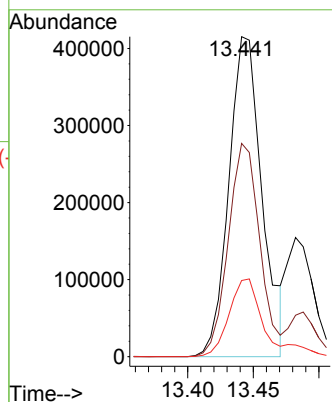
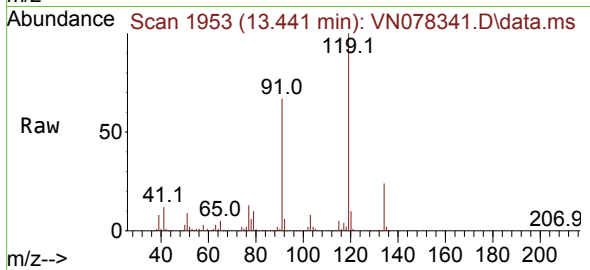




#83
 tert-Butylbenzene
 Concen: 43.479 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

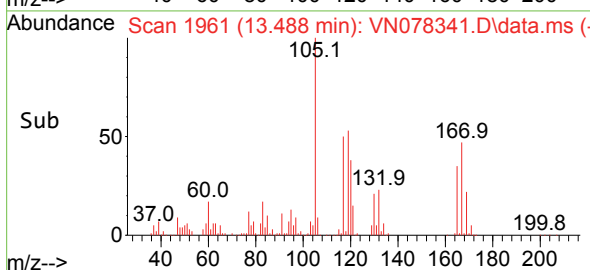
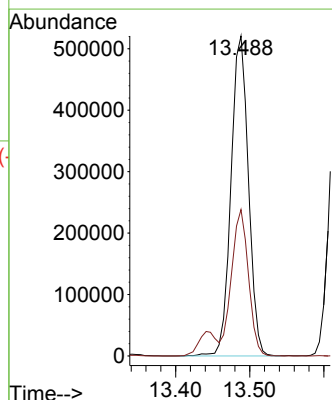
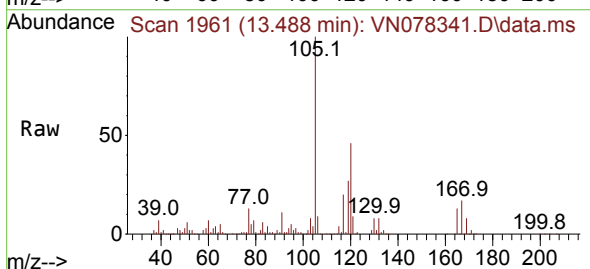
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

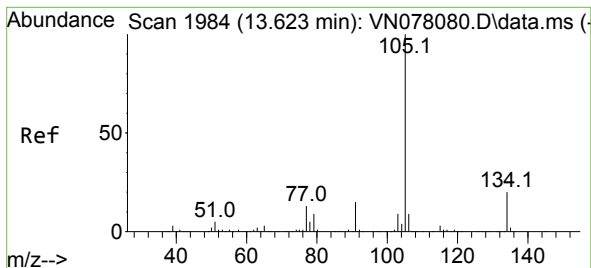
Tgt Ion:119 Resp: 729857
 Ion Ratio Lower Upper
 119 100
 91 63.6 33.9 101.7
 134 25.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 45.417 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

Tgt Ion:105 Resp: 850307
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.0 66.0

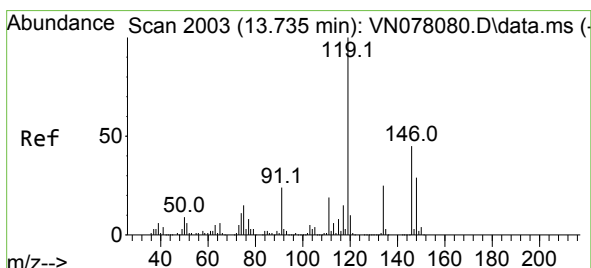
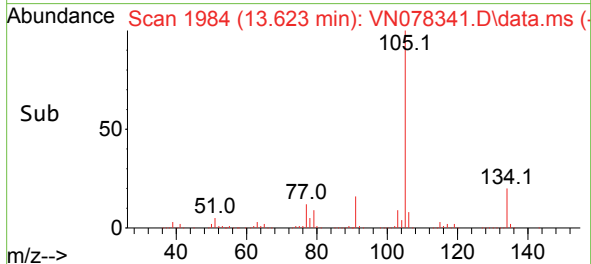
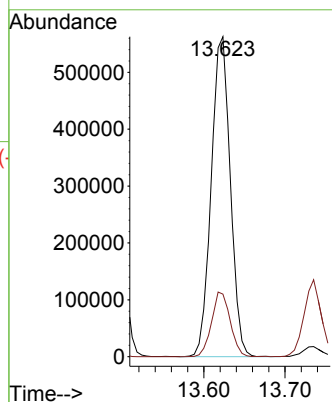
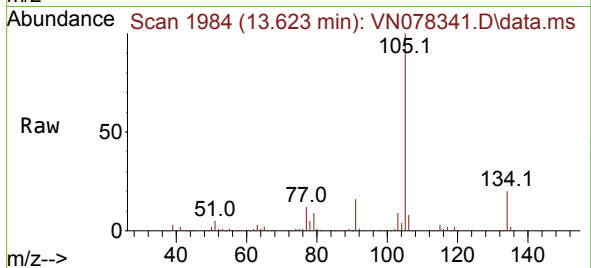




#85
 sec-Butylbenzene
 Concen: 41.757 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

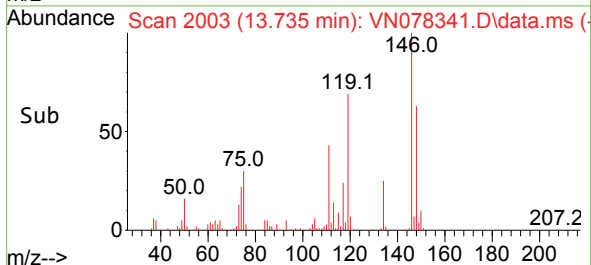
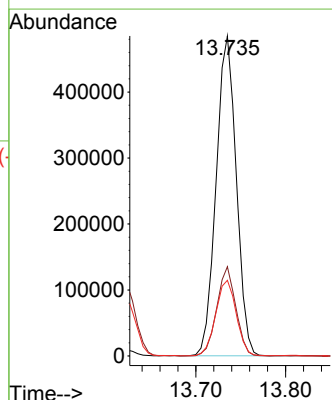
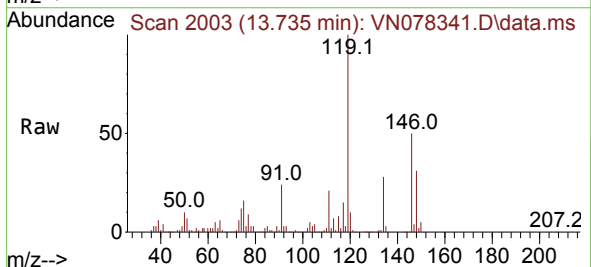
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

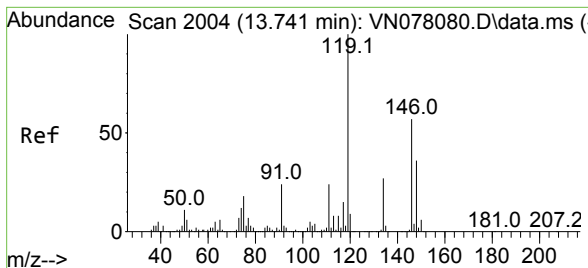
Tgt Ion:105 Resp: 917449
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 42.438 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

Tgt Ion:119 Resp: 756652
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 44.073 ug/l

RT: 13.735 min Scan# 2004

Delta R.T. -0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

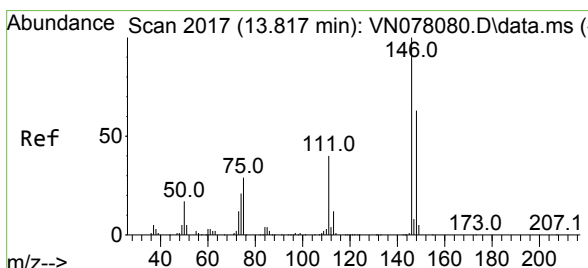
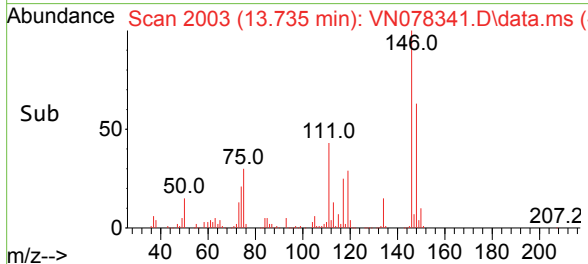
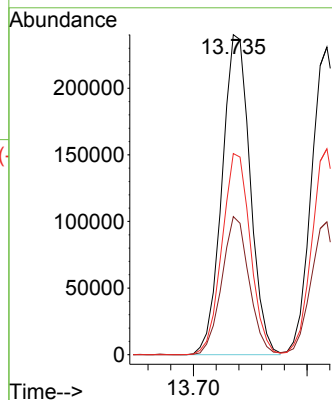
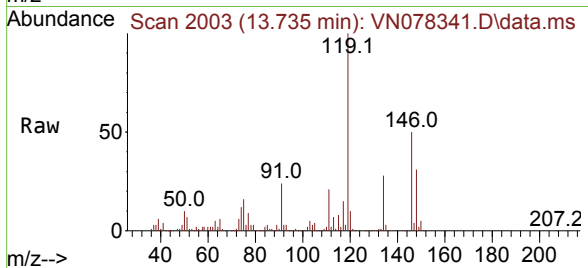
Tgt Ion:146 Resp: 412781

Ion Ratio Lower Upper

146 100

111 41.9 22.1 66.3

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 44.465 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

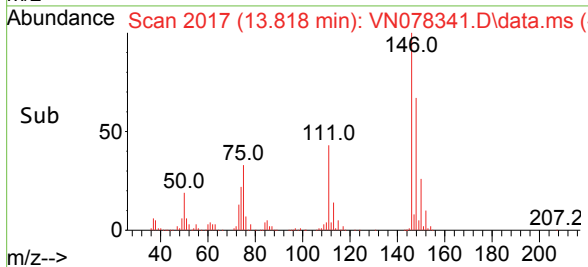
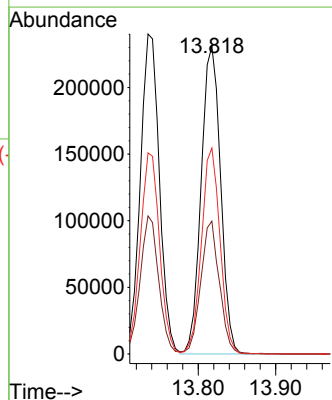
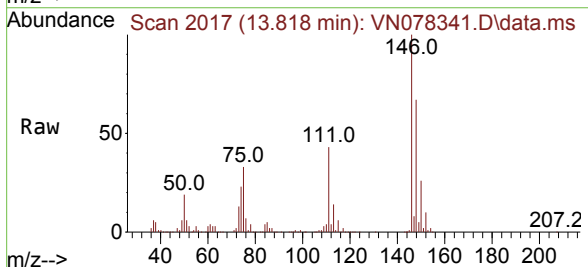
Tgt Ion:146 Resp: 401846

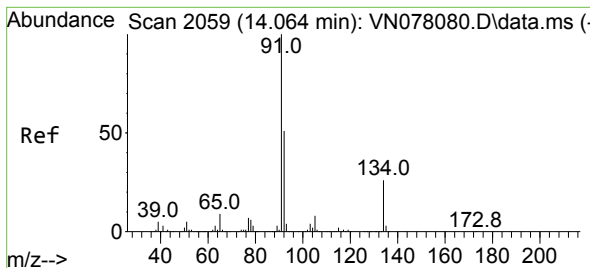
Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 41.941 ug/l

RT: 14.059 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

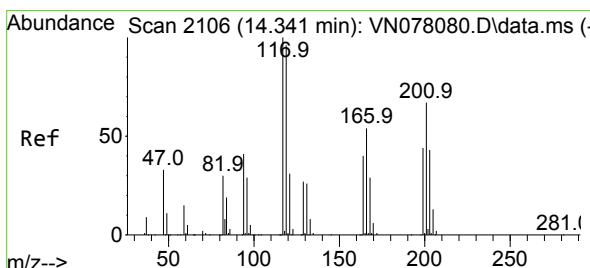
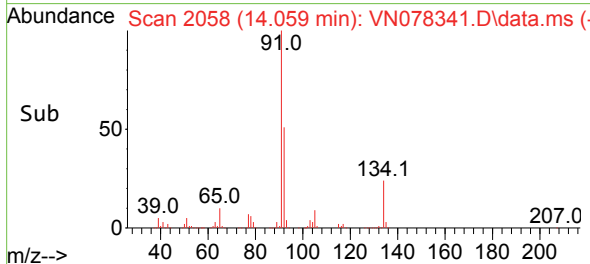
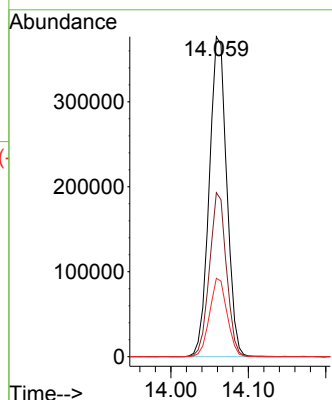
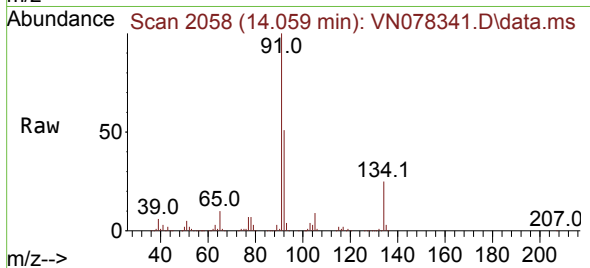
Tgt Ion: 91 Resp: 589822

Ion Ratio Lower Upper

91 100

92 49.8 26.4 79.0

134 24.6 12.6 37.6



#90

Hexachloroethane

Concen: 47.707 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN078341.D

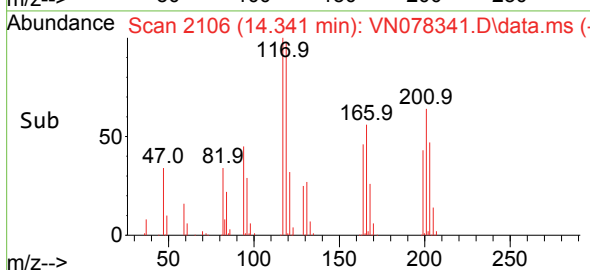
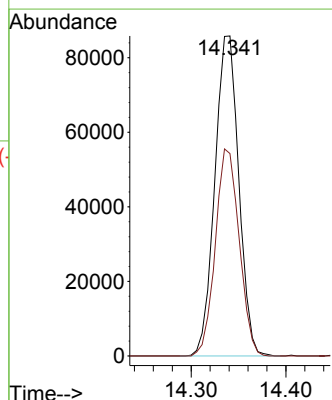
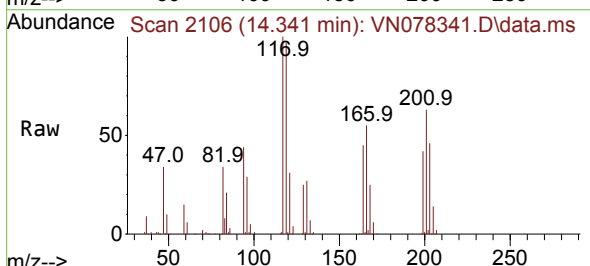
Acq: 21 Jun 2023 22:47

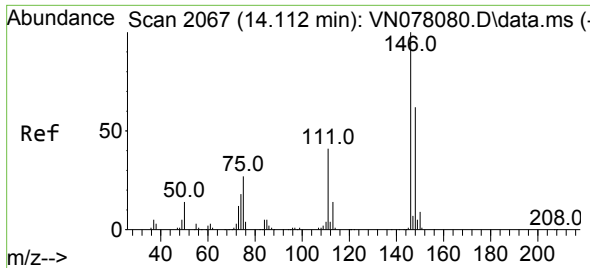
Tgt Ion: 117 Resp: 150949

Ion Ratio Lower Upper

117 100

201 64.4 29.3 88.0

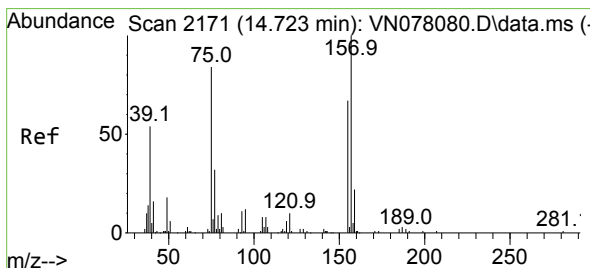
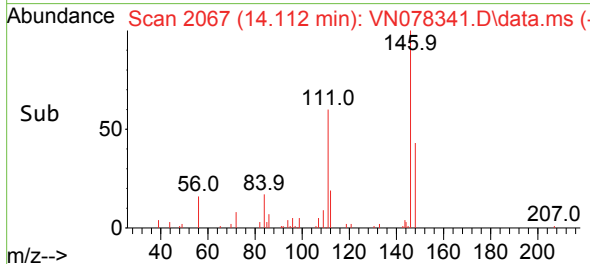
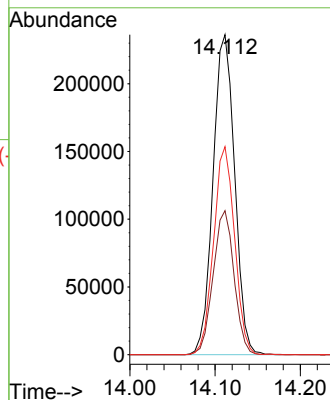
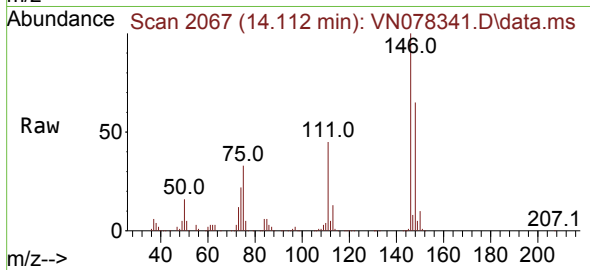




#91
 1,2-Dichlorobenzene
 Concen: 45.590 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

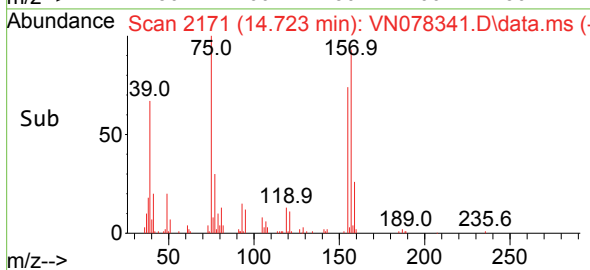
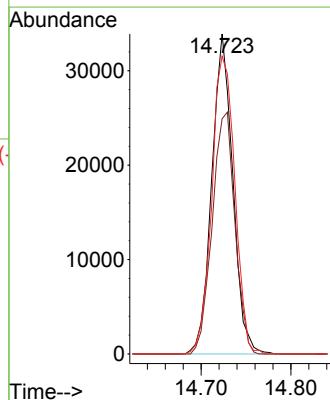
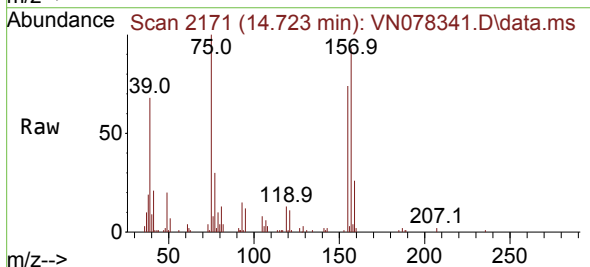
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

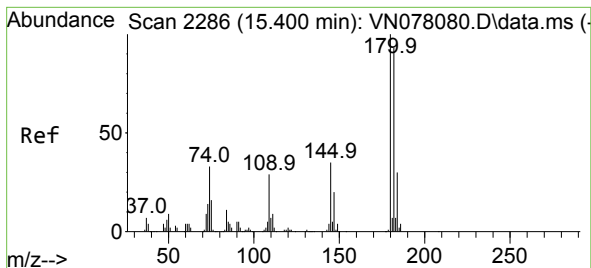
Tgt Ion:146 Resp: 417302
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.0 66.0
 148 63.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.656 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

Tgt Ion: 75 Resp: 55121
 Ion Ratio Lower Upper
 75 100
 155 81.5 39.1 117.2
 157 102.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 42.414 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

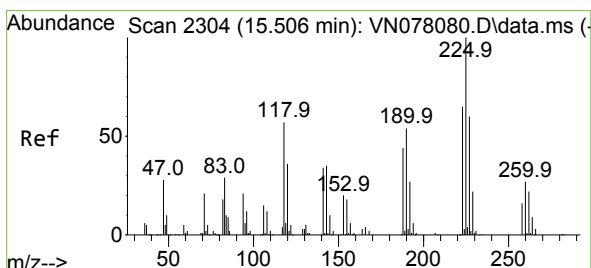
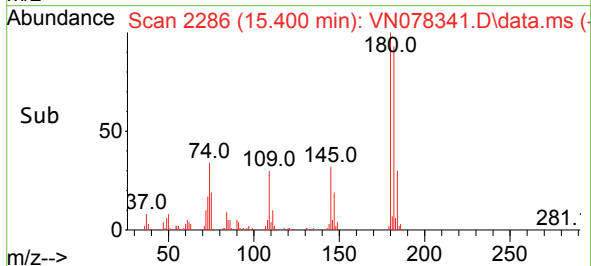
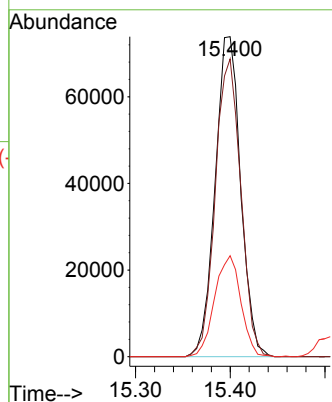
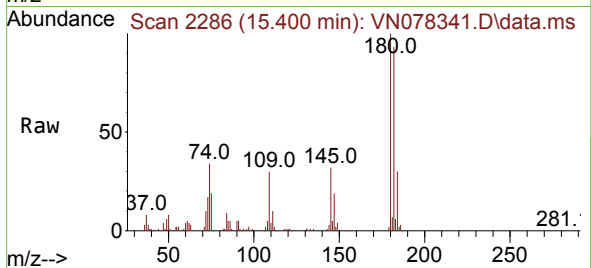
Tgt Ion:180 Resp: 138324

Ion Ratio Lower Upper

180 100

182 92.9 46.1 138.2

145 32.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 46.980 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

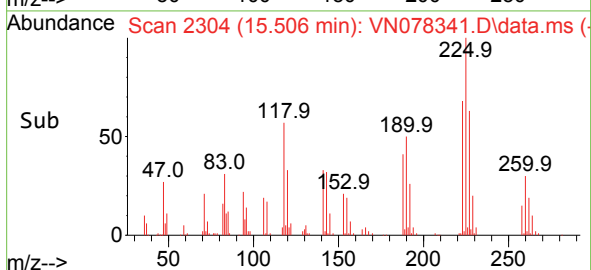
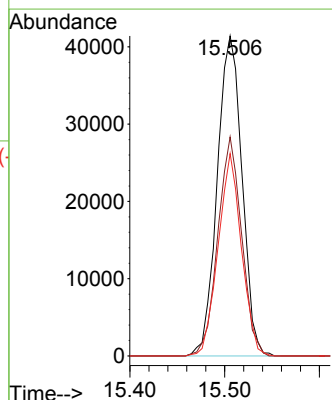
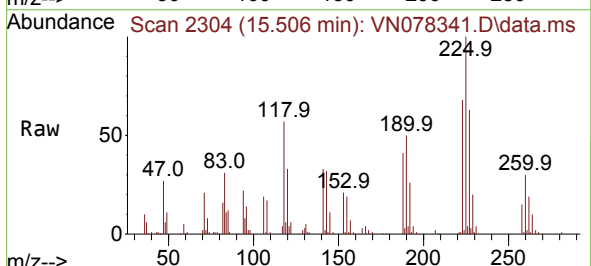
Tgt Ion:225 Resp: 75362

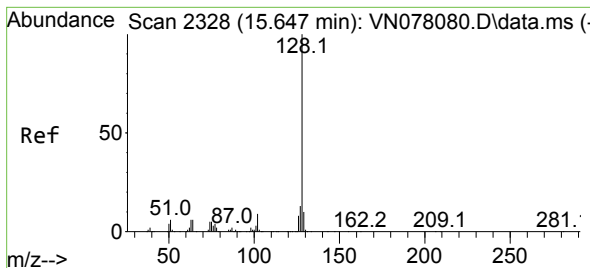
Ion Ratio Lower Upper

225 100

223 65.7 31.3 93.8

227 59.5 31.9 95.9





#95

Naphthalene

Concen: 37.684 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

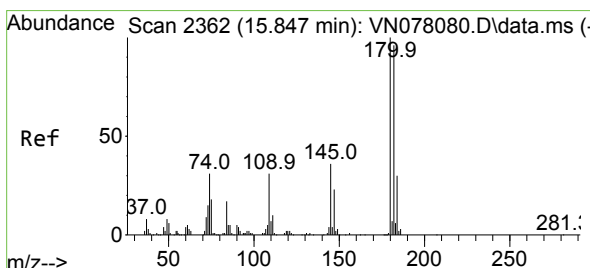
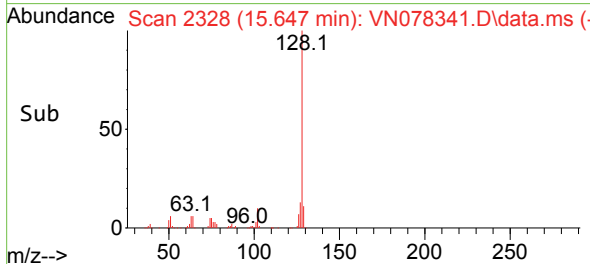
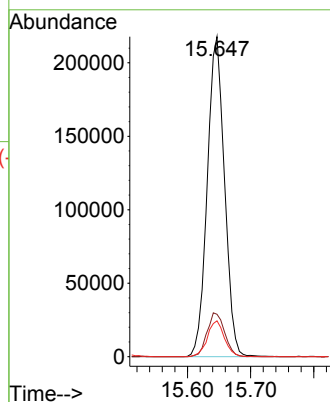
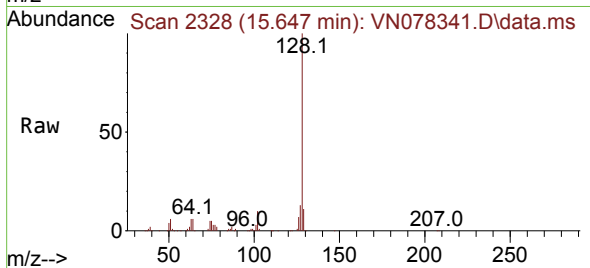
Tgt Ion:128 Resp: 413400

Ion Ratio Lower Upper

128 100

127 13.9 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 40.858 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Tgt Ion:180 Resp: 149031

Ion Ratio Lower Upper

180 100

182 93.7 46.2 138.6

145 34.7 17.5 52.6

