

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073840.D
 Acq On : 12 Aug 2022 10:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 13 05:00:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	421721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	621447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	583464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	305445	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	227433	44.253	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.500%
35) Dibromofluoromethane	7.945	113	201947	51.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.500%
50) Toluene-d8	10.374	98	756238	49.247	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.668	95	260645	48.442	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	209483	51.213	ug/l	98
3) Chloromethane	2.269	50	250069	50.912	ug/l	100
4) Vinyl Chloride	2.404	62	300893	42.060	ug/l	99
5) Bromomethane	2.775	94	216762	52.245	ug/l	98
6) Chloroethane	2.940	64	204340	48.927	ug/l	96
7) Trichlorofluoromethane	3.298	101	350596	47.553	ug/l	98
8) Diethyl Ether	3.757	74	131051	47.338	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.128	101	211359	51.815	ug/l	98
10) Methyl Iodide	4.340	142	238526	57.520	ug/l	96
11) Tert butyl alcohol	5.287	59	238433	215.119	ug/l	99
12) 1,1-Dichloroethene	4.104	96	195213	48.789	ug/l	96
13) Acrolein	3.969	56	239127	217.619	ug/l	99
14) Allyl chloride	4.751	41	296209	46.304	ug/l	99
15) Acrylonitrile	5.469	53	714502	233.043	ug/l	100
16) Acetone	4.216	43	599716	217.258	ug/l	97
17) Carbon Disulfide	4.451	76	515205	48.562	ug/l	99
18) Methyl Acetate	4.769	43	314381	45.778	ug/l	98
19) Methyl tert-butyl Ether	5.522	73	677614	49.573	ug/l	97
20) Methylene Chloride	5.004	84	238821	53.641	ug/l	98
21) trans-1,2-Dichloroethene	5.504	96	218455	50.437	ug/l	94
22) Diisopropyl ether	6.404	45	662290	47.988	ug/l	99
23) Vinyl Acetate	6.345	43	2944207	254.447	ug/l	99
24) 1,1-Dichloroethane	6.298	63	399827	47.091	ug/l	99
25) 2-Butanone	7.251	43	968301	225.879	ug/l	99
26) 2,2-Dichloropropane	7.245	77	334207	51.162	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	260992	48.907	ug/l	97
28) Bromochloromethane	7.580	49	153980	43.192	ug/l	98
29) Tetrahydrofuran	7.604	42	621552	229.326	ug/l	100
30) Chloroform	7.739	83	426263	48.186	ug/l	100
31) Cyclohexane	8.022	56	356846	46.638	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	364231	49.588	ug/l	99
36) 1,1-Dichloropropene	8.145	75	309468	55.643	ug/l	100
37) Ethyl Acetate	7.333	43	375597	51.279	ug/l	98
38) Carbon Tetrachloride	8.128	117	317664	56.236	ug/l	99
39) Methylcyclohexane	9.392	83	398342	59.936	ug/l	98
40) Benzene	8.386	78	956810	52.978	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	173175	52.249	ug/l	# 91
42) 1,2-Dichloroethane	8.457	62	320947	52.728	ug/l	98
43) Isopropyl Acetate	8.492	43	523879	52.953	ug/l	99
44) Trichloroethene	9.151	130	253358	55.319	ug/l	98
45) 1,2-Dichloropropane	9.427	63	239475	53.048	ug/l	98
46) Dibromomethane	9.510	93	171853	54.851	ug/l	99
47) Bromodichloromethane	9.698	83	333241	55.417	ug/l	100
48) Methyl methacrylate	9.498	41	239755	55.364	ug/l	94
49) 1,4-Dioxane	9.504	88	128138	1049.691	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	1884393	265.565	ug/l	100
52) Toluene	10.439	92	625872	56.735	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	350428	58.989	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	386674	57.761	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	252951	54.987	ug/l	98
56) Ethyl methacrylate	10.698	69	387532	61.122	ug/l	99
57) 1,3-Dichloropropane	10.980	76	415974	53.297	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	869225	258.712	ug/l	99
59) 2-Hexanone	11.021	43	1456268	270.880	ug/l	99
60) Dibromochloromethane	11.174	129	271576	59.342	ug/l	100
61) 1,2-Dibromoethane	11.286	107	263944	55.710	ug/l	99
64) Tetrachloroethene	10.916	164	251826	54.309	ug/l	98
65) Chlorobenzene	11.710	112	677293	54.650	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	249199	56.061	ug/l	99
67) Ethyl Benzene	11.780	91	1196406	57.222	ug/l	99
68) m/p-Xylenes	11.892	106	947880	118.866	ug/l	99
69) o-Xylene	12.221	106	461394	59.348	ug/l	97
70) Styrene	12.233	104	769570	61.837	ug/l	98
71) Bromoform	12.398	173	222865	60.741	ug/l	# 99
73) Isopropylbenzene	12.521	105	1203956	53.846	ug/l	99
74) N-amyl acetate	12.327	43	440277	52.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	387404	44.900	ug/l	96
76) 1,2,3-Trichloropropane	12.821	75	498331	91.751	ug/l	# 1
77) Bromobenzene	12.798	156	300816	51.662	ug/l	97
78) n-propylbenzene	12.863	91	1408006	55.965	ug/l	100
79) 2-Chlorotoluene	12.945	91	816735	52.014	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1020585	55.465	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	125584	53.282	ug/l	99
82) 4-Chlorotoluene	13.045	91	787249	52.899	ug/l	97
83) tert-Butylbenzene	13.262	119	889115	54.553	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1017755	56.251	ug/l	99
85) sec-Butylbenzene	13.439	105	1269225	56.345	ug/l	99
86) p-Isopropyltoluene	13.557	119	1078627	60.741	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	553489	52.076	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	543297	51.090	ug/l	97
89) n-Butylbenzene	13.880	91	867679	60.053	ug/l	99
90) Hexachloroethane	14.151	117	189611	53.817	ug/l	95
91) 1,2-Dichlorobenzene	13.927	146	556346	51.656	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	84880	48.963	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	325769	60.909	ug/l	99
94) Hexachlorobutadiene	15.298	225	172538	59.340	ug/l	99
95) Naphthalene	15.433	128	989226	56.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	325550	57.834	ug/l	99

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Quant Time: Aug 13 05:00:30 2022
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Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

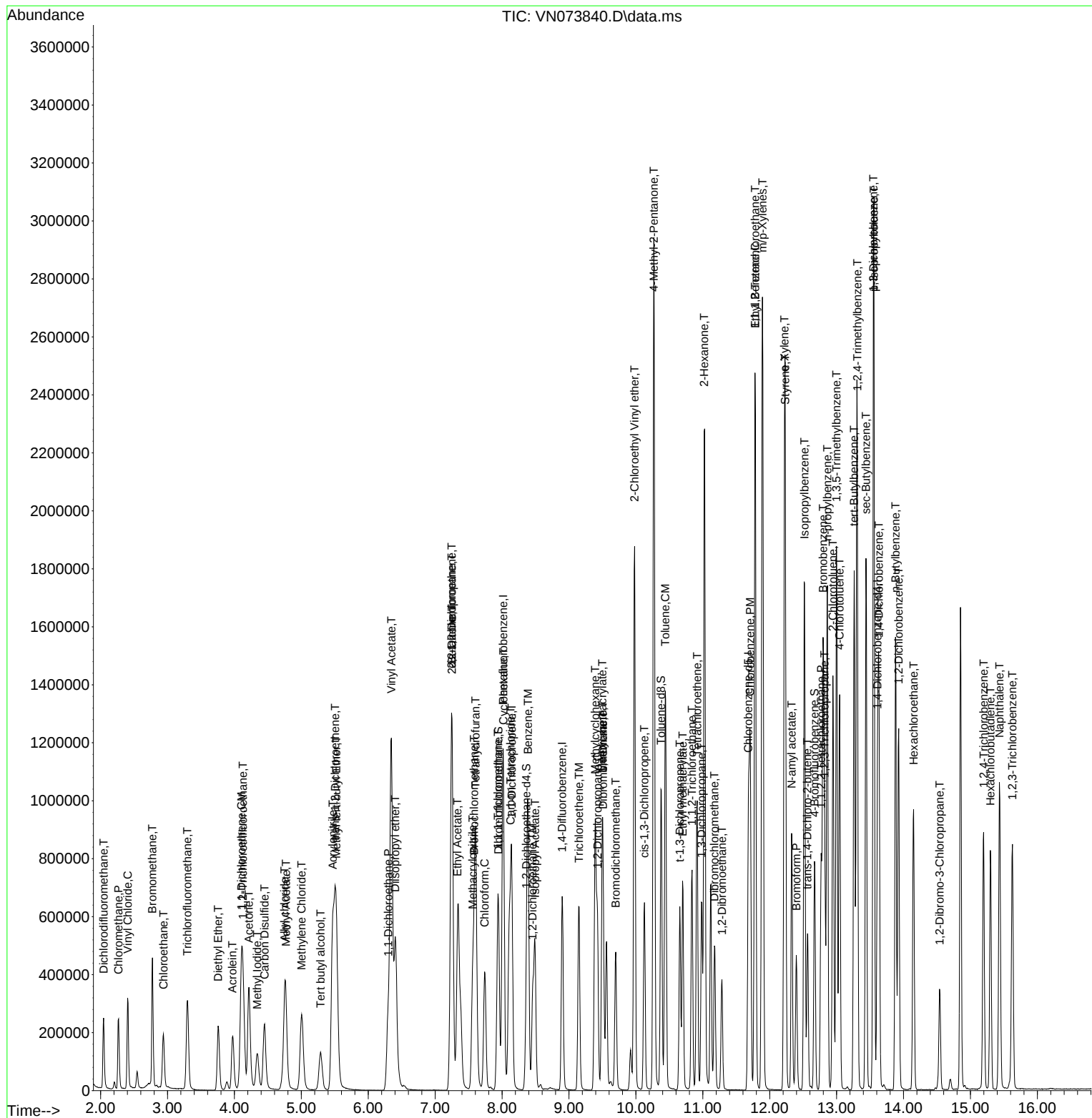
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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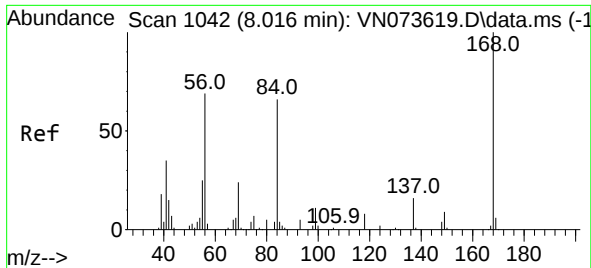
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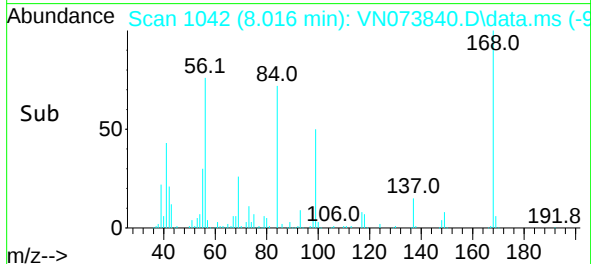
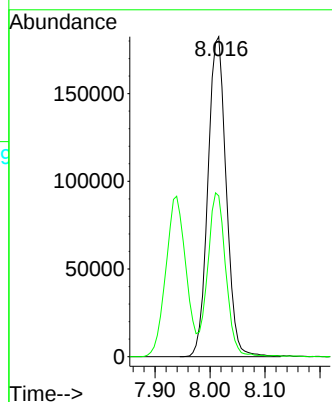
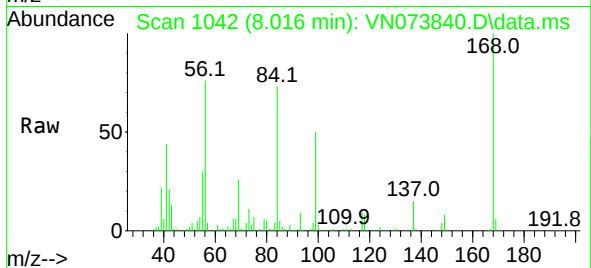




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073840.D
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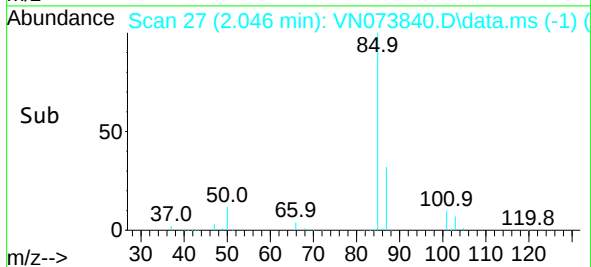
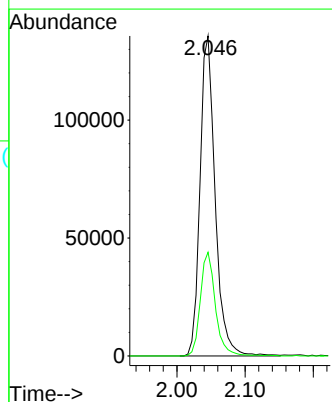
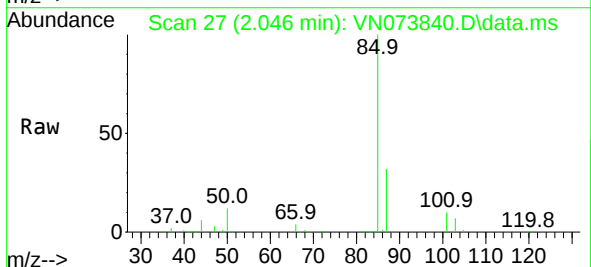
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 421721
Ion Ratio Lower Upper
168 100
99 50.0 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 51.213 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 85 Resp: 209483
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1

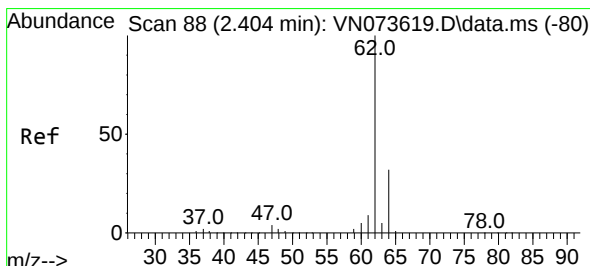
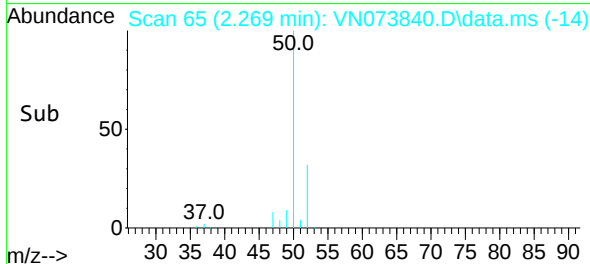
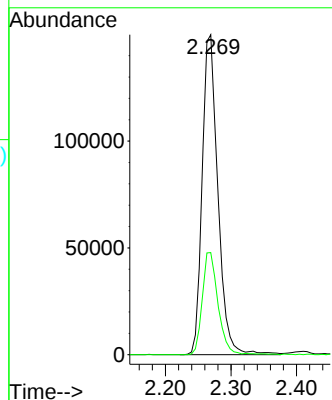
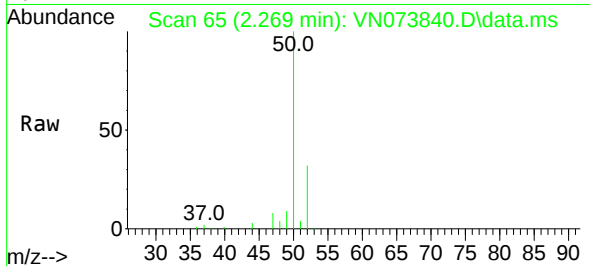




#3
Chloromethane
Concen: 50.912 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

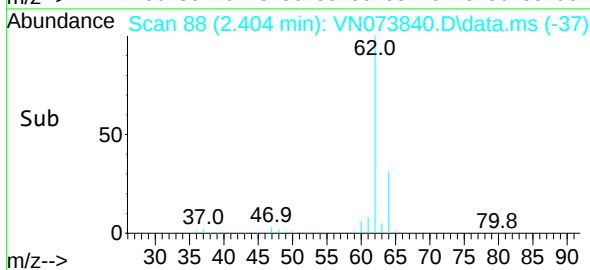
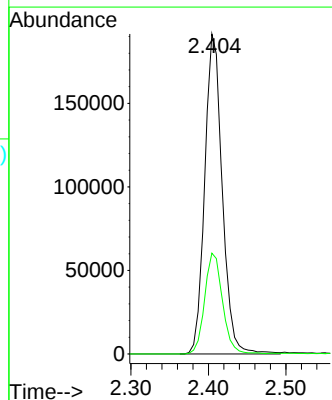
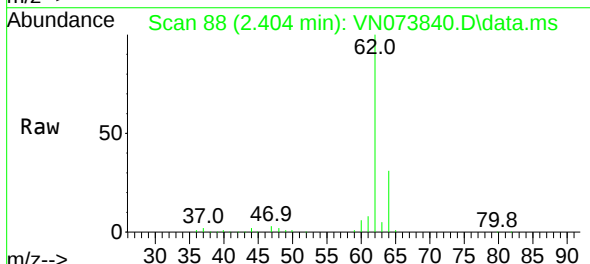
Instrument :
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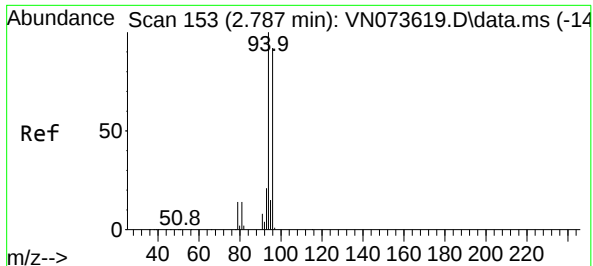
Tgt Ion: 50 Resp: 250069
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5



#4
Vinyl Chloride
Concen: 42.060 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 62 Resp: 300893
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4

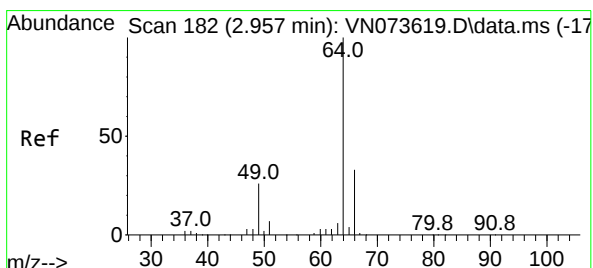
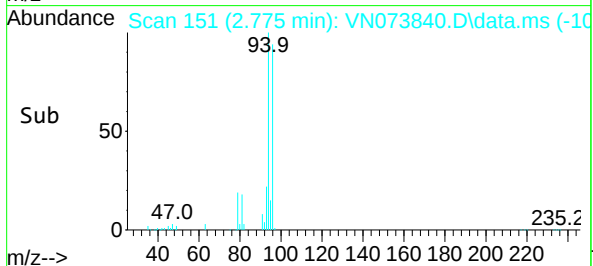
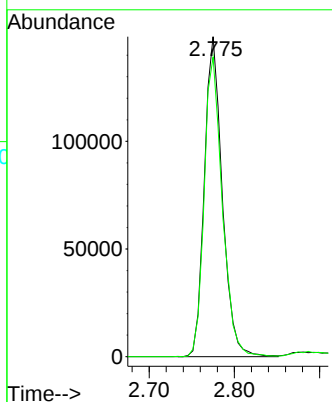
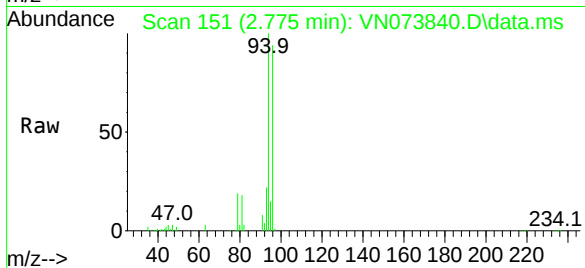




#5
Bromomethane
Concen: 52.245 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

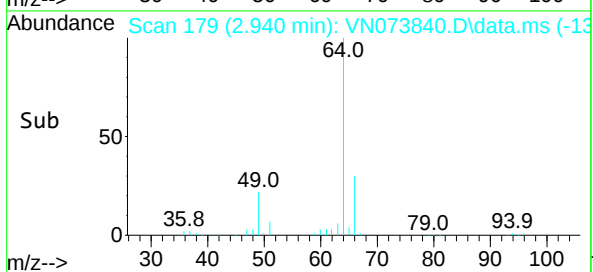
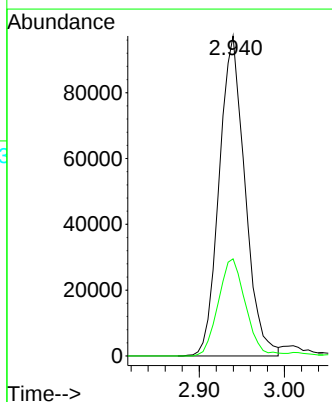
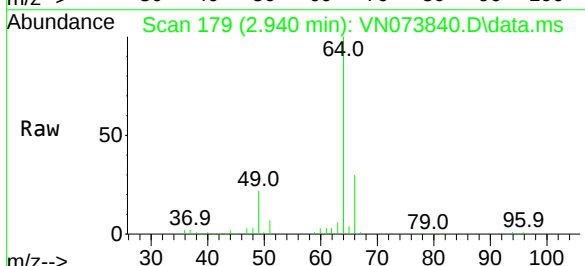
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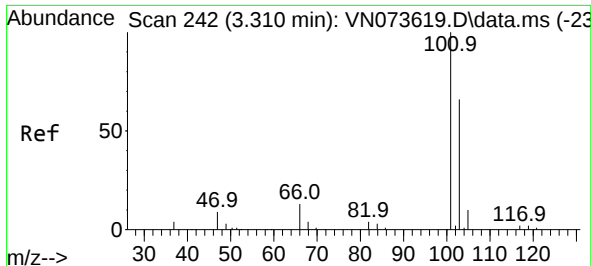
Tgt Ion: 94 Resp: 216762
Ion Ratio Lower Upper
94 100
96 93.5 76.0 114.0



#6
Chloroethane
Concen: 48.927 ug/l
RT: 2.940 min Scan# 179
Delta R.T. -0.017 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 64 Resp: 204340
Ion Ratio Lower Upper
64 100
66 30.4 26.2 39.4

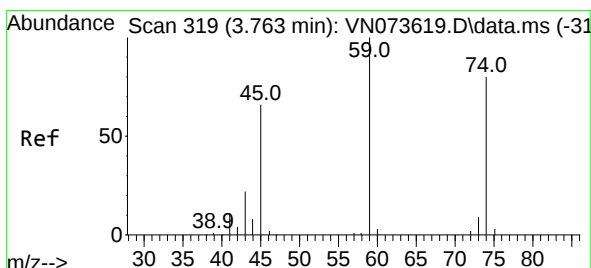
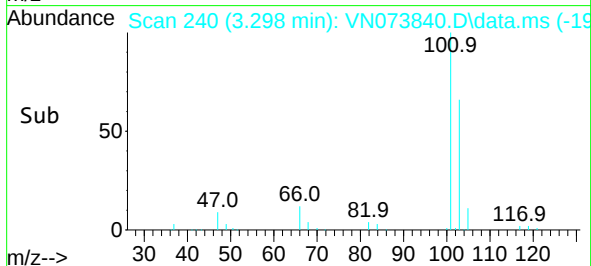
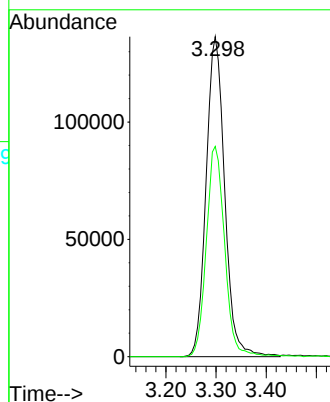
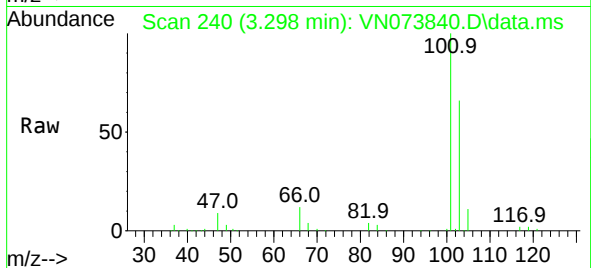




#7
 Trichlorofluoromethane
 Concen: 47.553 ug/l
 RT: 3.298 min Scan# 242
 Delta R.T. -0.012 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

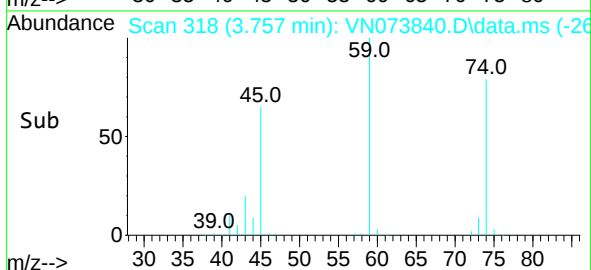
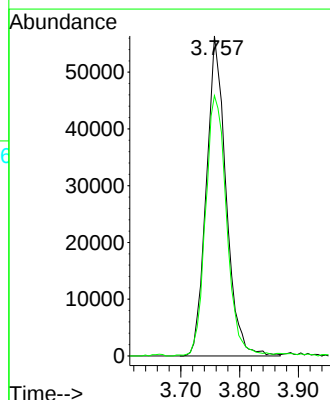
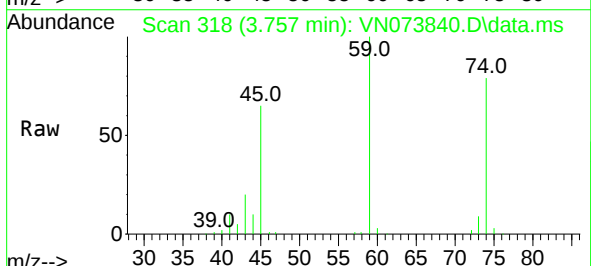
Instrument :
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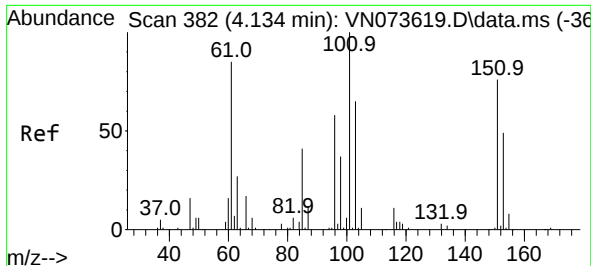
Tgt Ion:101 Resp: 350596
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 47.338 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

Tgt Ion: 74 Resp: 131051
 Ion Ratio Lower Upper
 74 100
 45 87.3 42.9 128.5

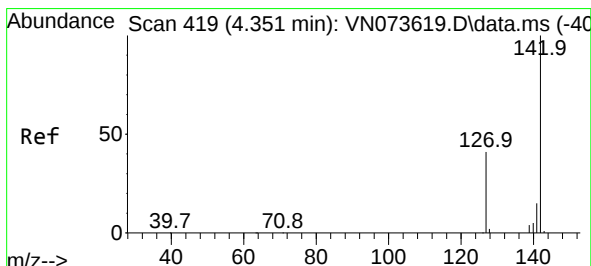
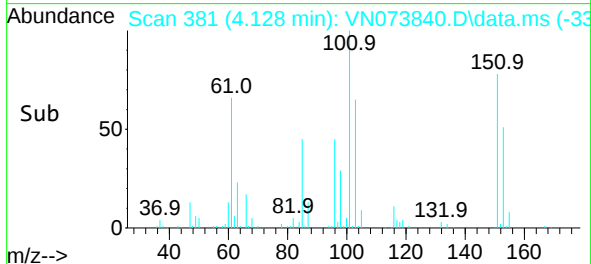
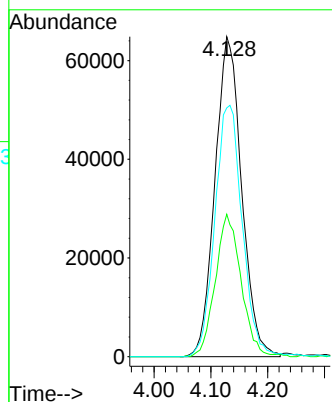
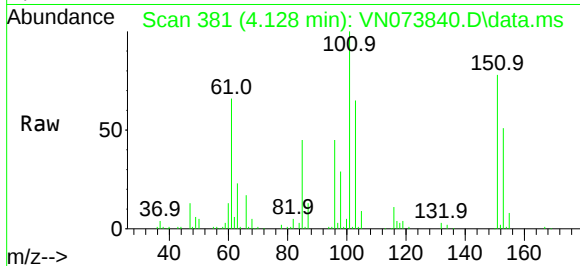




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.815 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

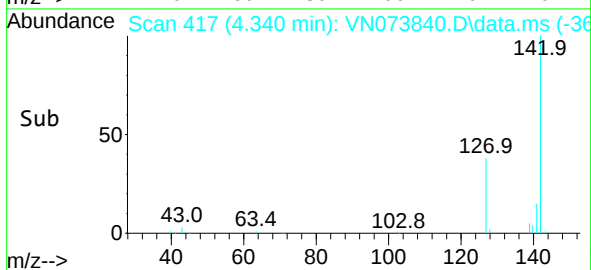
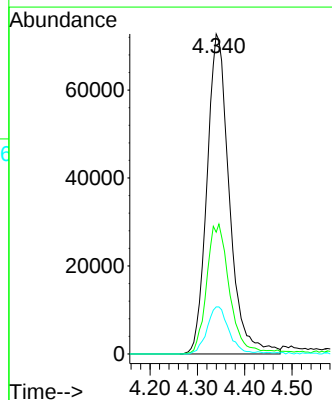
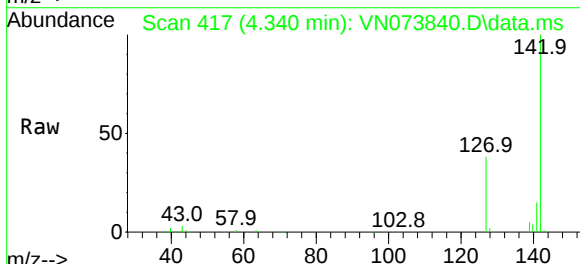
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

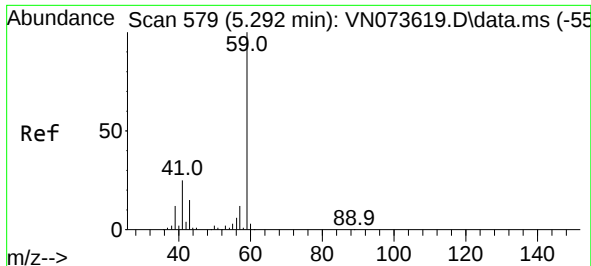
Tgt Ion:101 Resp: 211359
Ion Ratio Lower Upper
101 100
85 43.1 34.7 52.1
151 81.1 63.0 94.4



#10
Methyl Iodide
Concen: 57.520 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.012 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion:142 Resp: 238526
Ion Ratio Lower Upper
142 100
127 42.3 31.3 46.9
141 14.3 11.2 16.8

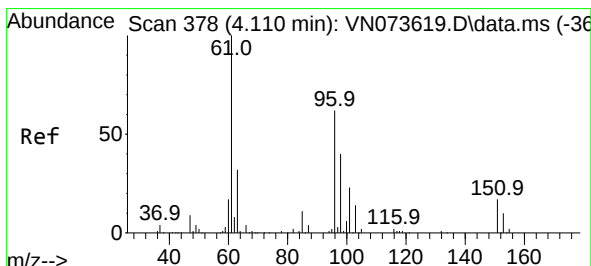
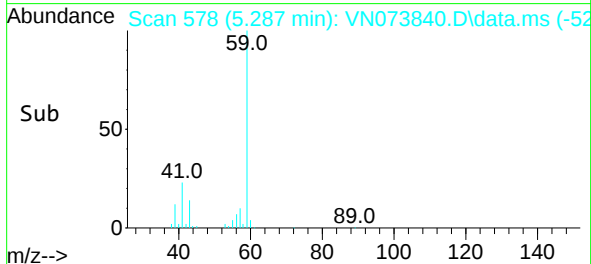
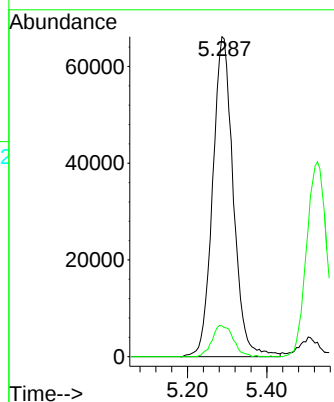
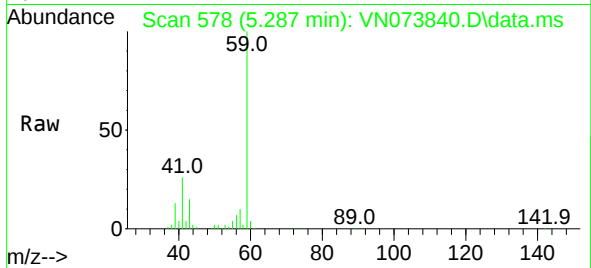




#11
Tert butyl alcohol
Concen: 215.119 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

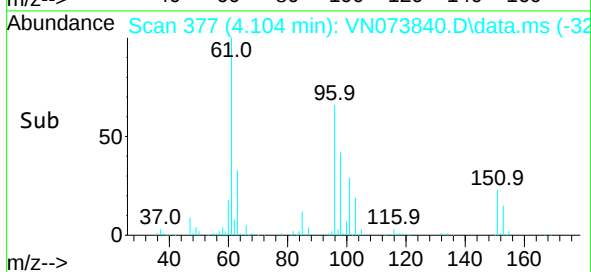
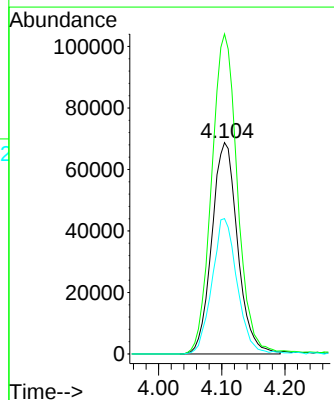
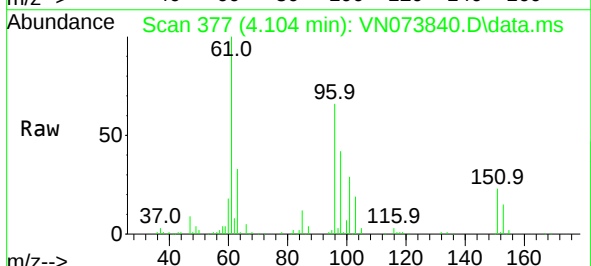
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

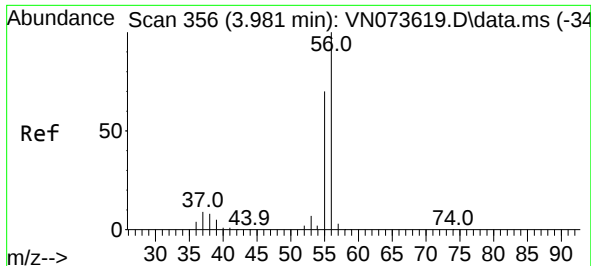
Tgt Ion: 59 Resp: 238433
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.789 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 96 Resp: 195213
Ion Ratio Lower Upper
96 100
61 151.4 127.6 191.4
98 64.1 51.2 76.8

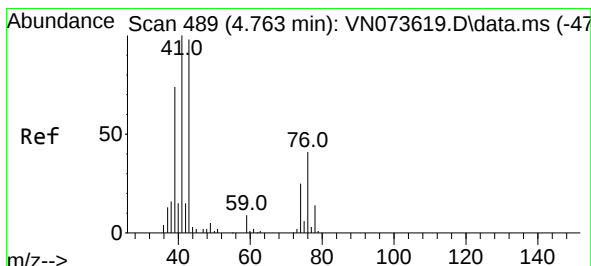
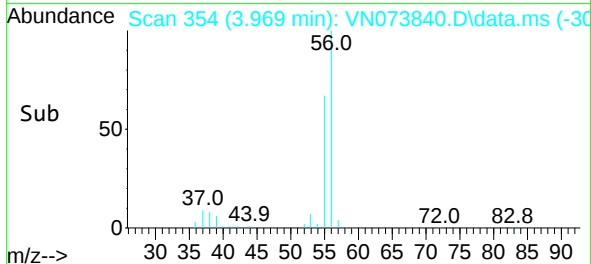
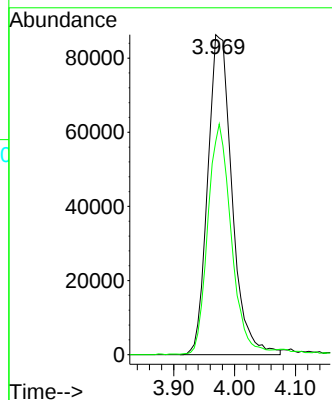
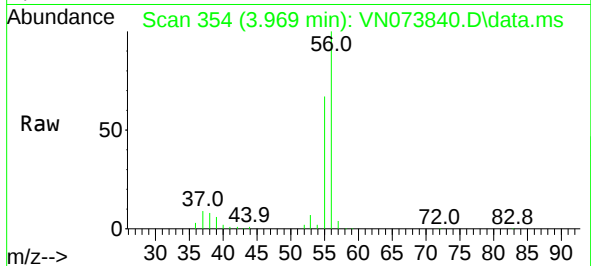




#13
Acrolein
Concen: 217.619 ug/l
RT: 3.969 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

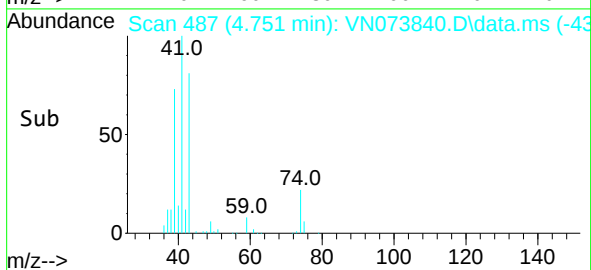
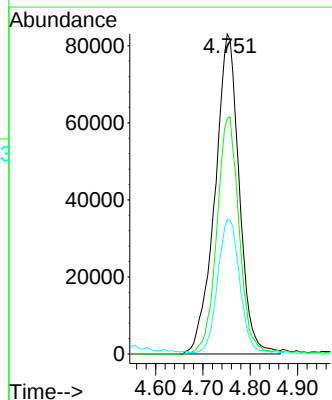
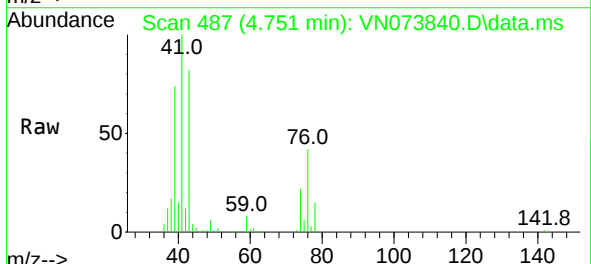
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

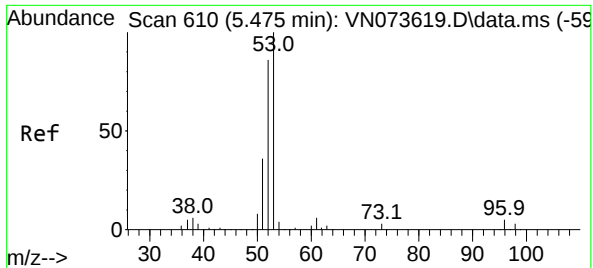
Tgt Ion: 56 Resp: 239127
Ion Ratio Lower Upper
56 100
55 69.0 54.8 82.2



#14
Allyl chloride
Concen: 46.304 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.012 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 41 Resp: 296209
Ion Ratio Lower Upper
41 100
39 67.8 53.2 79.8
76 37.3 29.9 44.9

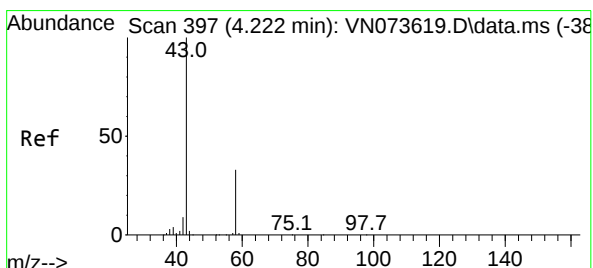
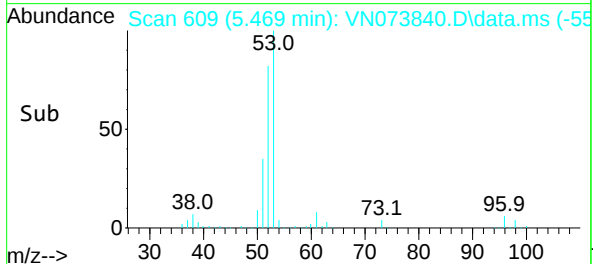
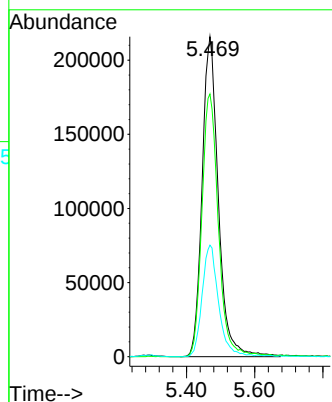
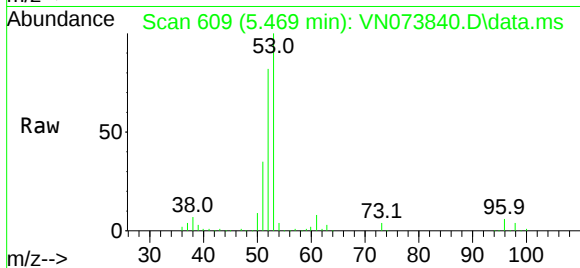




#15
Acrylonitrile
Concen: 233.043 ug/l
RT: 5.469 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

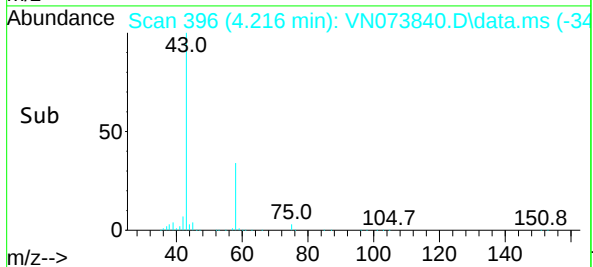
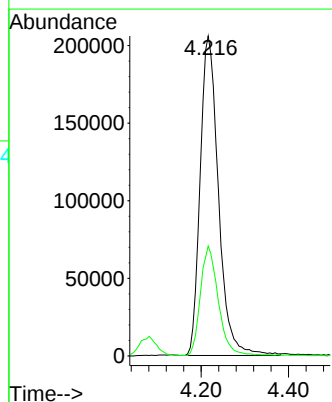
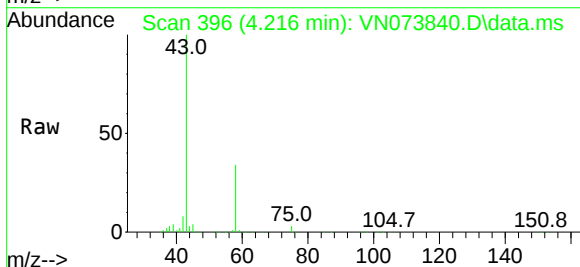
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

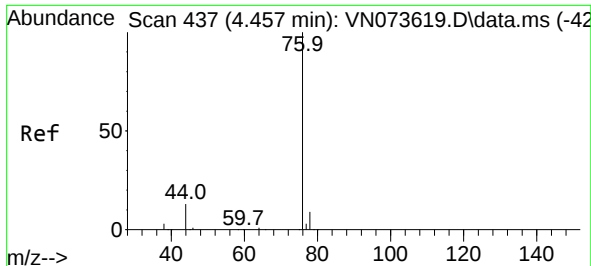
Tgt Ion:	53	Resp:	714502
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.4	99.6
51	35.3	28.5	42.7



#16
Acetone
Concen: 217.258 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion:	43	Resp:	599716
Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.0	39.0

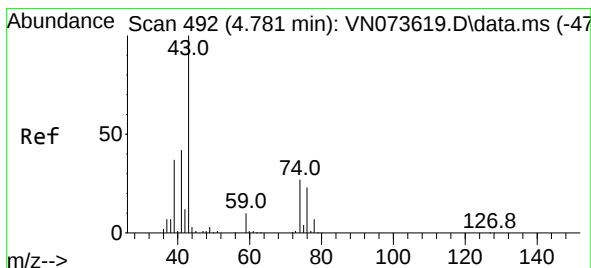
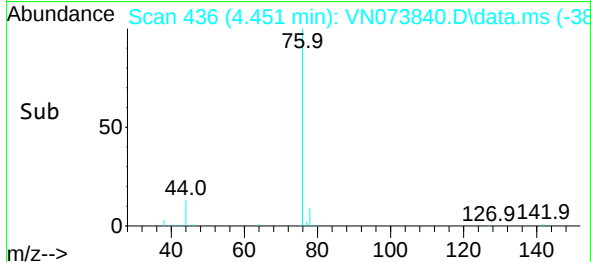
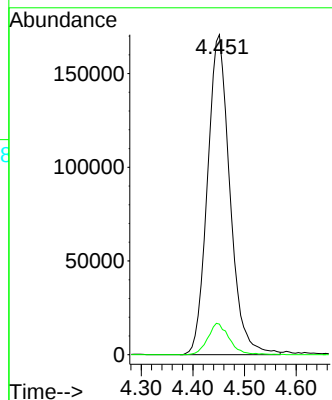
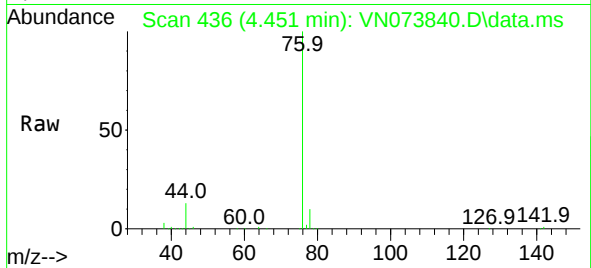




#17
Carbon Disulfide
Concen: 48.562 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

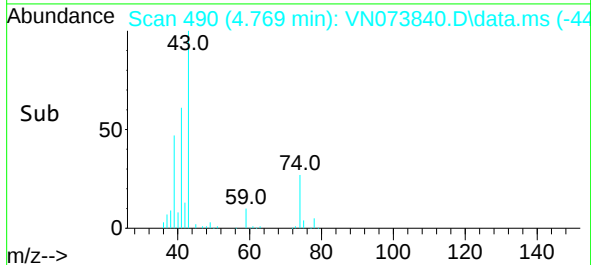
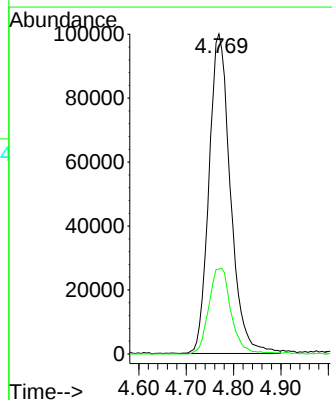
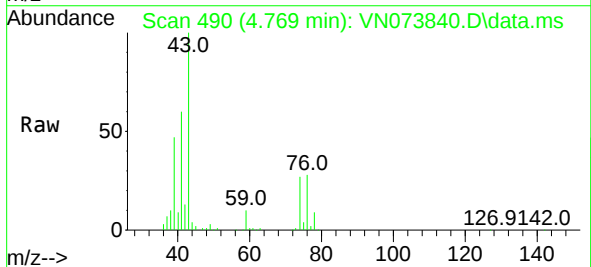
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 515205
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 45.778 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 43 Resp: 314381
Ion Ratio Lower Upper
43 100
74 28.0 21.6 32.4

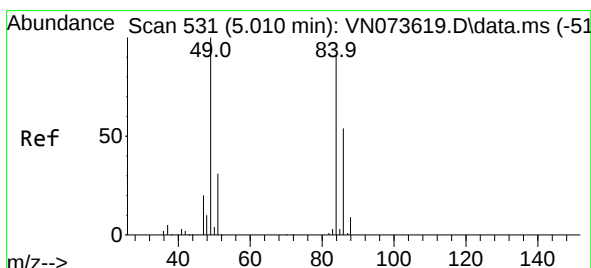
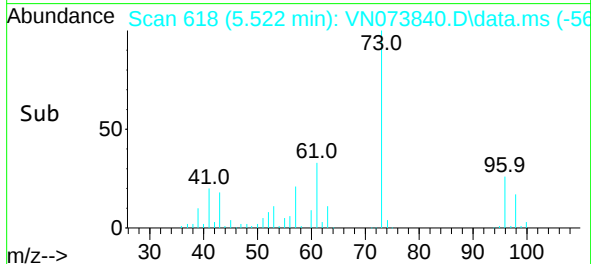
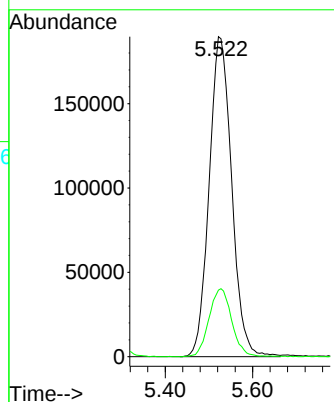
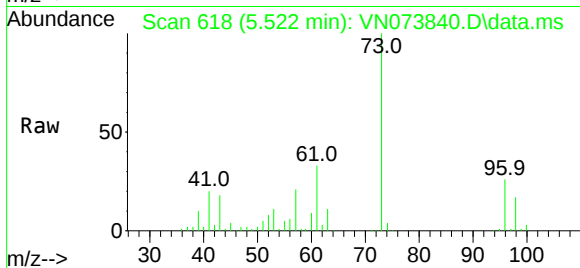




#19
Methyl tert-butyl Ether
Concen: 49.573 ug/l
RT: 5.522 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

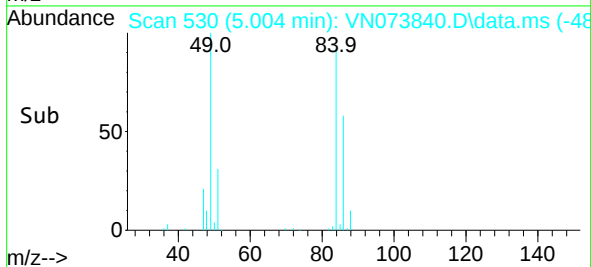
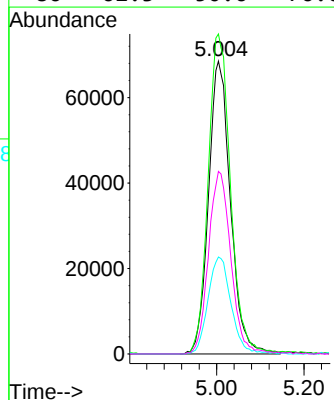
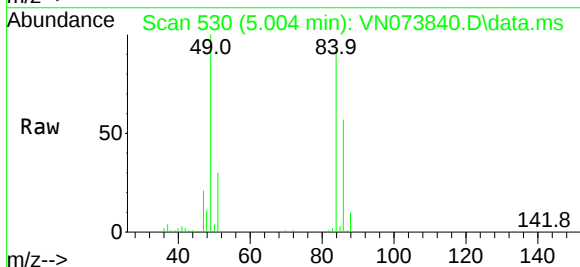
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

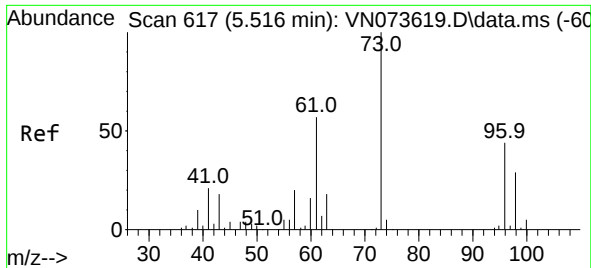
Tgt Ion: 73 Resp: 677614
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4



#20
Methylene Chloride
Concen: 53.641 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 84 Resp: 238821
Ion Ratio Lower Upper
84 100
49 109.3 88.3 132.5
51 33.1 28.2 42.2
86 62.3 50.6 76.0

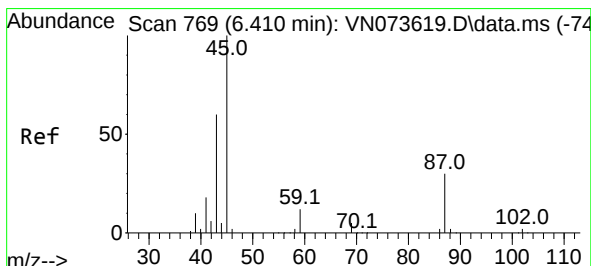
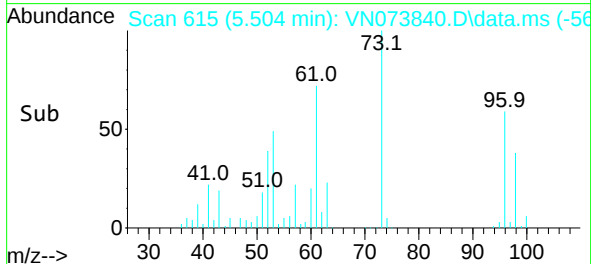
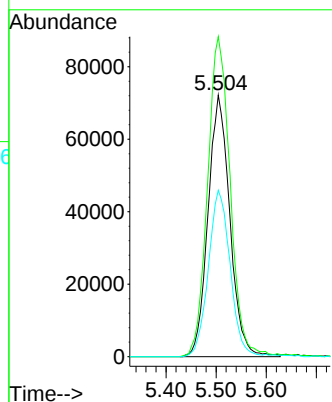
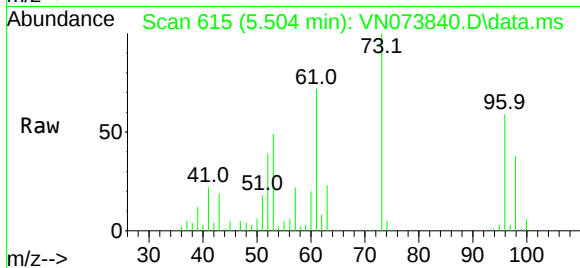




#21
trans-1,2-Dichloroethene
Concen: 50.437 ug/l
RT: 5.504 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

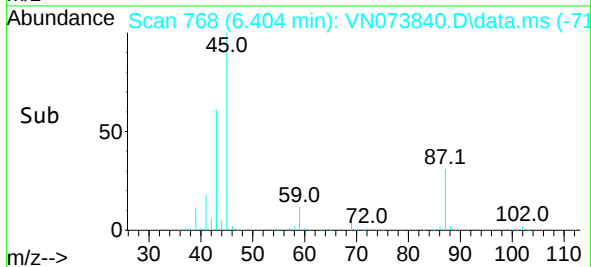
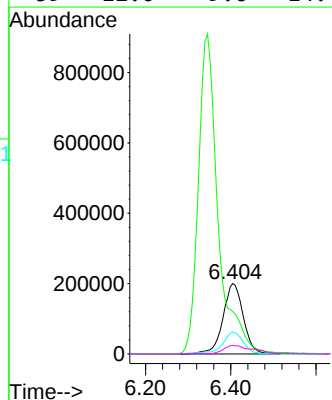
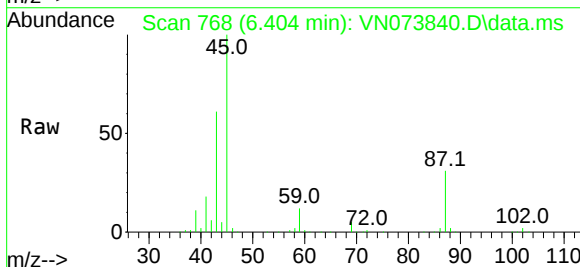
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

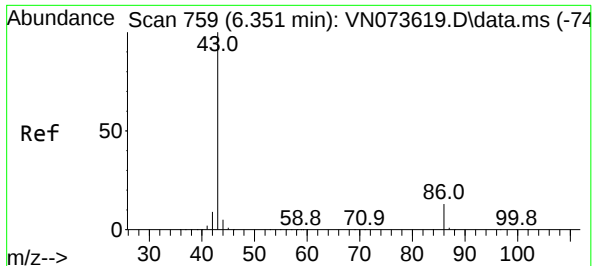
Tgt Ion: 96 Resp: 218455
Ion Ratio Lower Upper
96 100
61 122.3 105.8 158.8
98 63.7 50.3 75.5



#22
Diisopropyl ether
Concen: 47.988 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 45 Resp: 662290
Ion Ratio Lower Upper
45 100
43 59.6 46.6 70.0
87 31.1 24.3 36.5
59 12.0 9.6 14.4

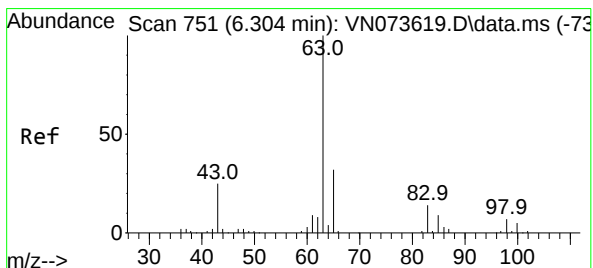
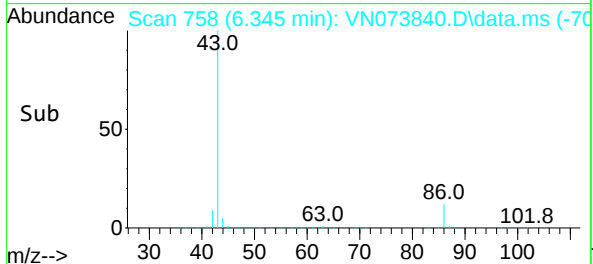
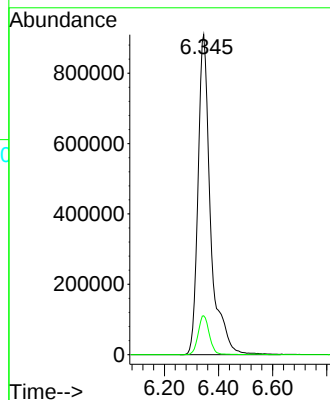
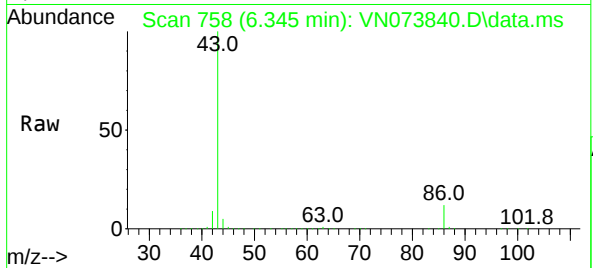




#23
 Vinyl Acetate
 Concen: 254.447 ug/l
 RT: 6.345 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

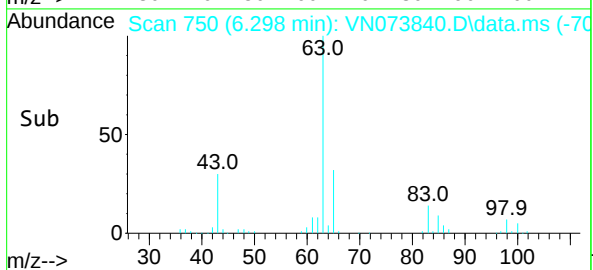
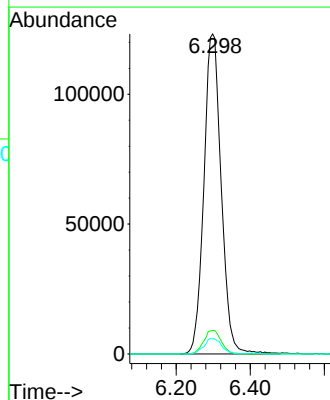
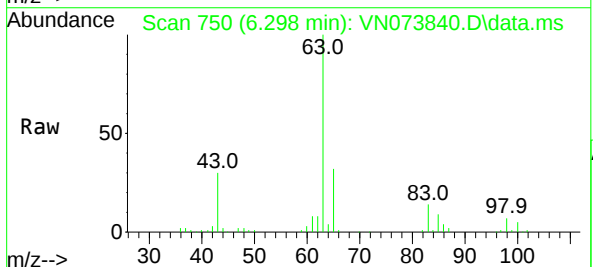
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2944207
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 47.091 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

Tgt Ion: 63 Resp: 399827
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.7 2.3 6.8

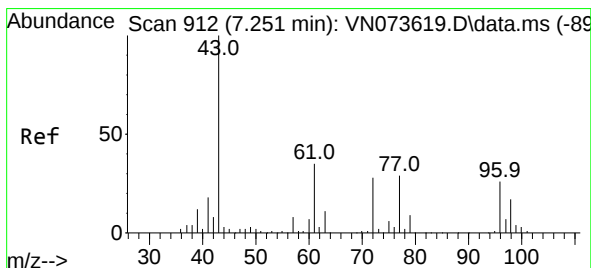
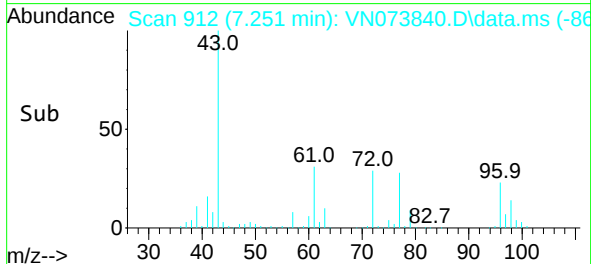
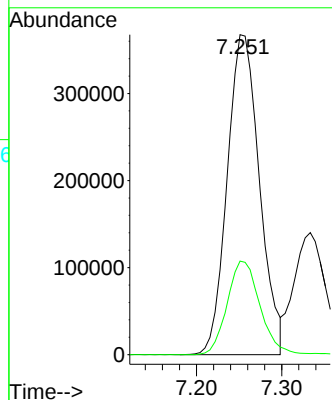
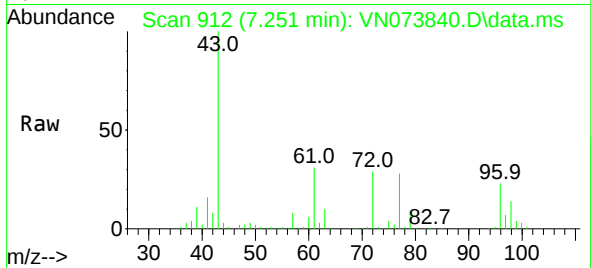




#25
2-Butanone
Concen: 225.879 ug/l
RT: 7.251 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

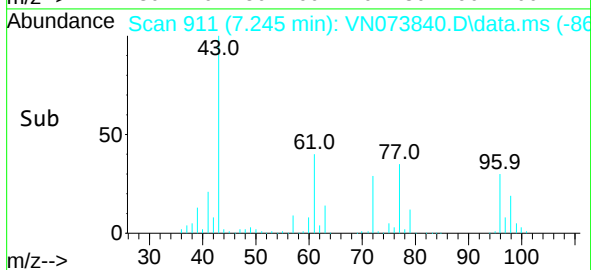
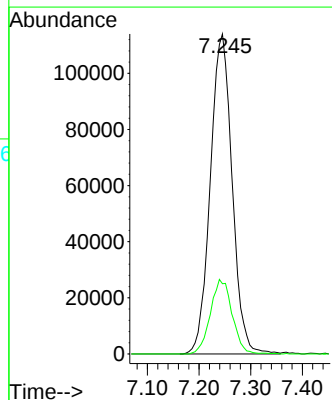
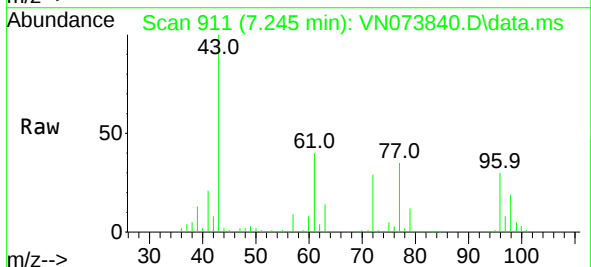
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 968301
Ion Ratio Lower Upper
43 100
72 29.2 23.7 35.5



#26
2,2-Dichloropropane
Concen: 51.162 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 77 Resp: 334207
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.907 ug/l

RT: 7.245 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

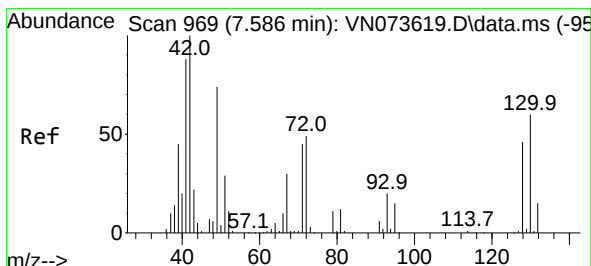
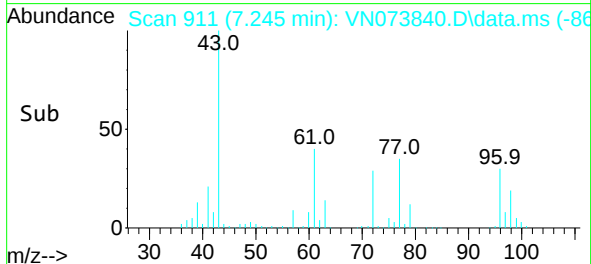
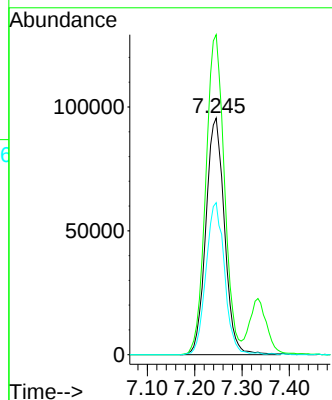
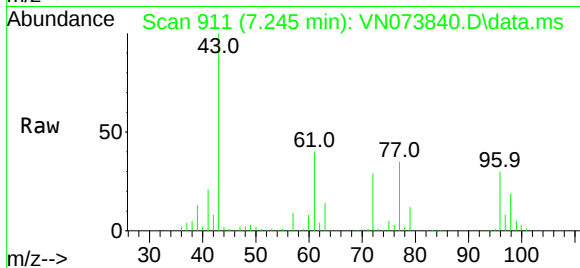
Tgt Ion: 96 Resp: 260992

Ion Ratio Lower Upper

96 100

61 134.9 0.0 280.6

98 63.9 0.0 128.4



#28

Bromochloromethane

Concen: 43.192 ug/l

RT: 7.580 min Scan# 968

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

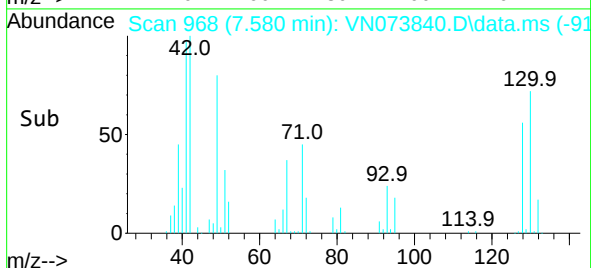
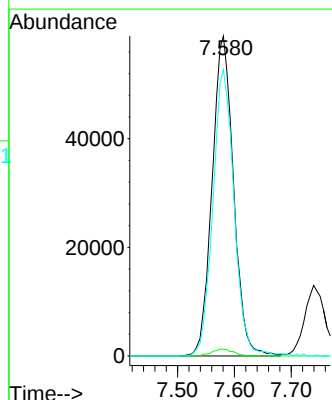
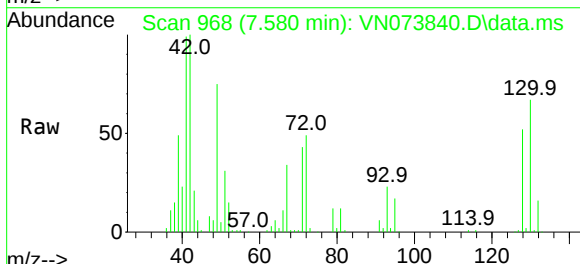
Tgt Ion: 49 Resp: 153980

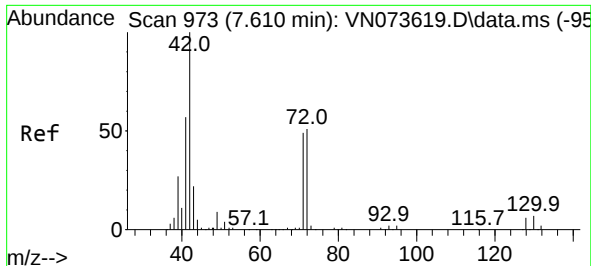
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 88.8 69.7 104.5





#29

Tetrahydrofuran

Concen: 229.326 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

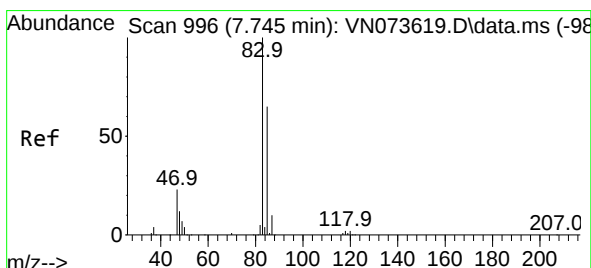
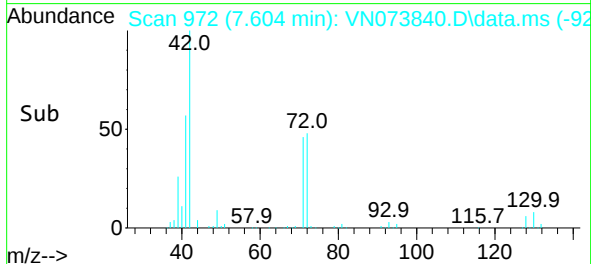
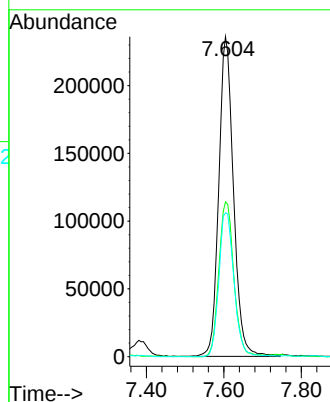
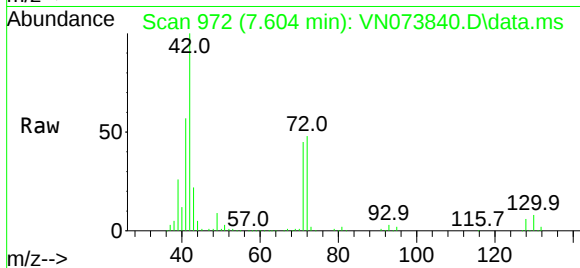
Tgt Ion: 42 Resp: 621552

Ion Ratio Lower Upper

42 100

72 49.7 39.7 59.5

71 46.3 36.6 55.0



#30

Chloroform

Concen: 48.186 ug/l

RT: 7.739 min Scan# 995

Delta R.T. -0.006 min

Lab File: VN073840.D

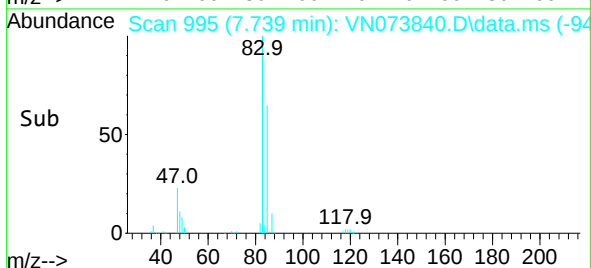
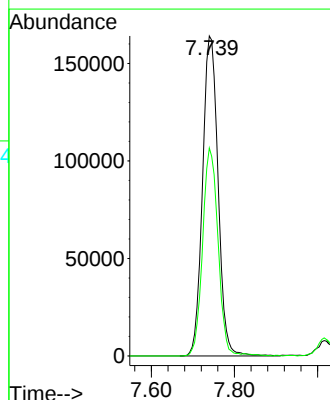
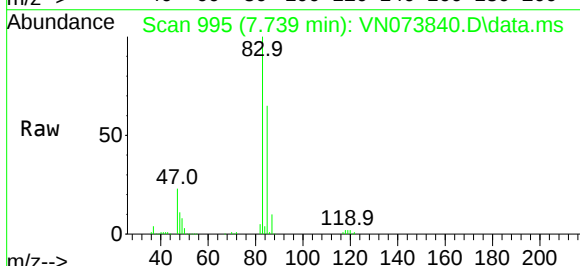
Acq: 12 Aug 2022 10:02

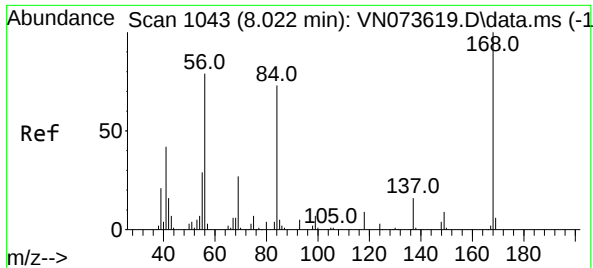
Tgt Ion: 83 Resp: 426263

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.8

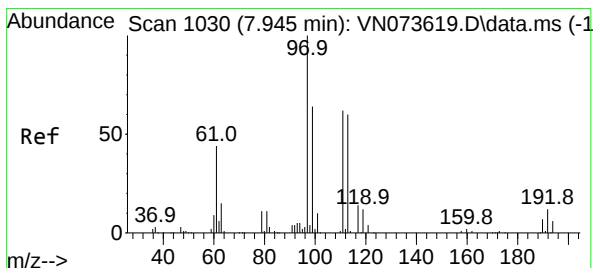
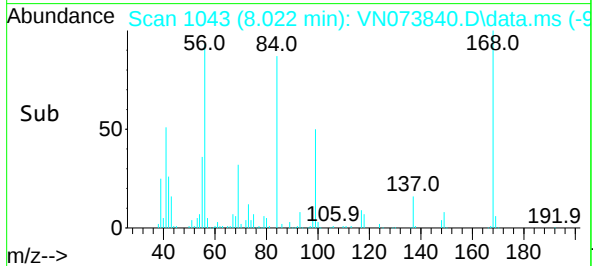
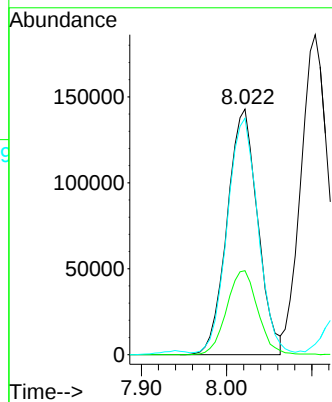
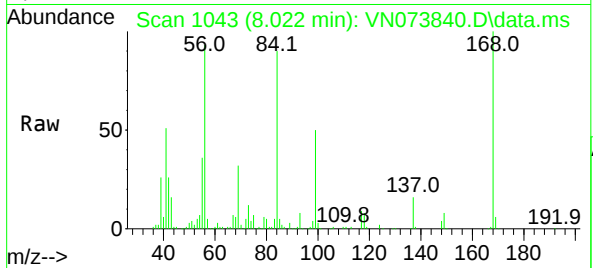




#31
Cyclohexane
Concen: 46.638 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

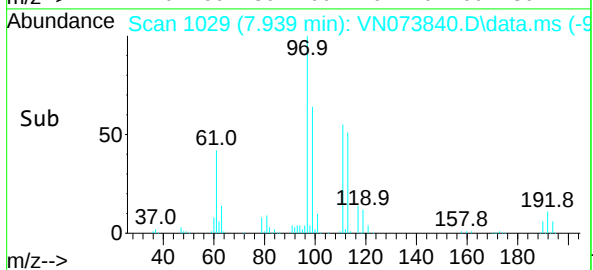
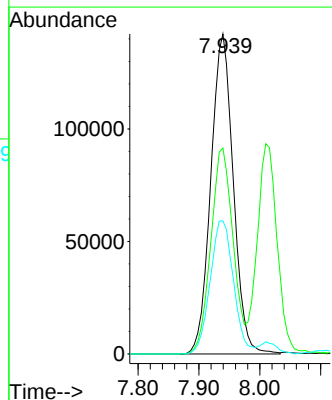
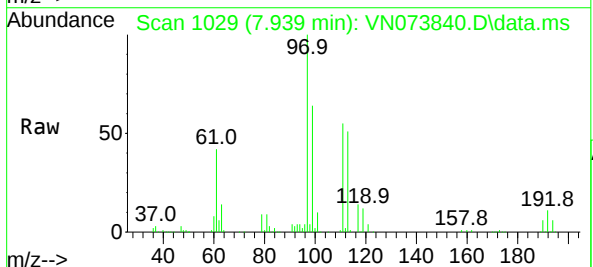
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

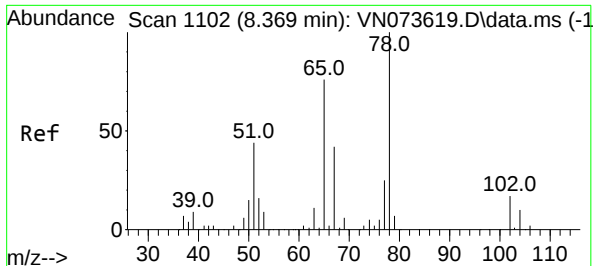
Tgt Ion: 56 Resp: 356846
Ion Ratio Lower Upper
56 100
69 34.2 27.8 41.8
84 94.9 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 49.588 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 97 Resp: 364231
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 43.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 44.253 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

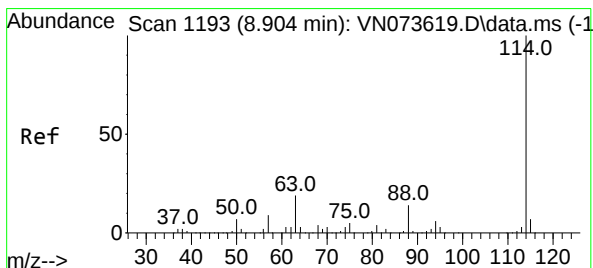
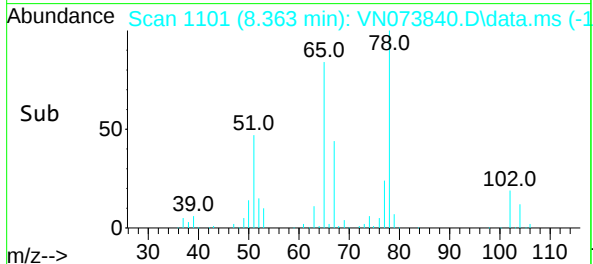
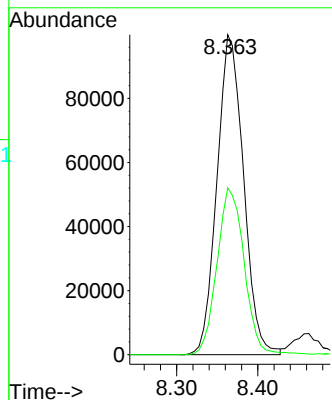
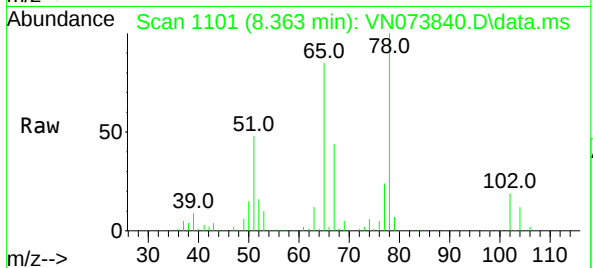
VSTDCCC050

Tgt Ion: 65 Resp: 227433

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

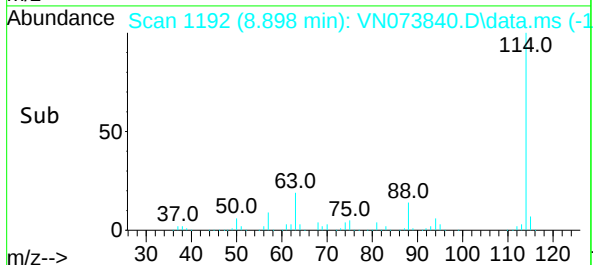
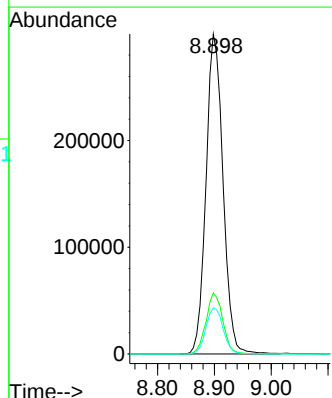
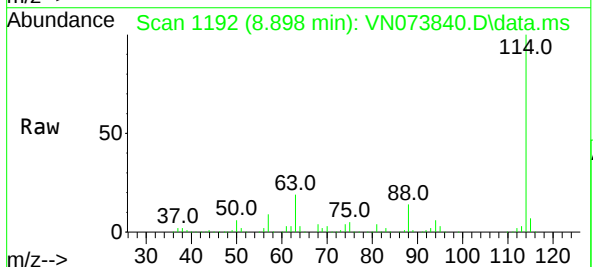
Tgt Ion: 114 Resp: 621447

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.751 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

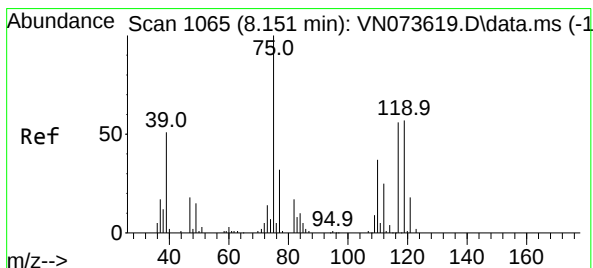
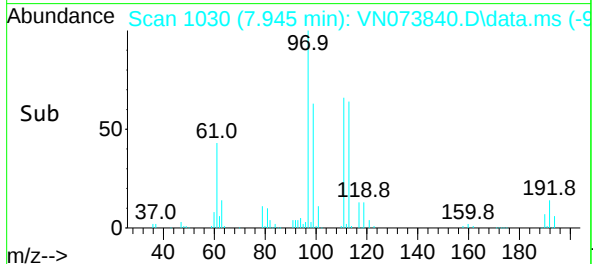
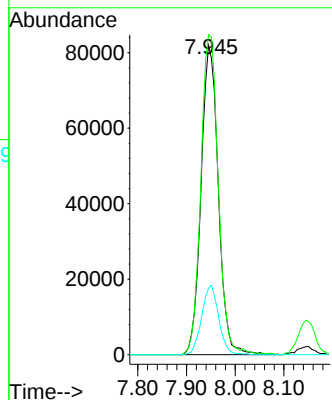
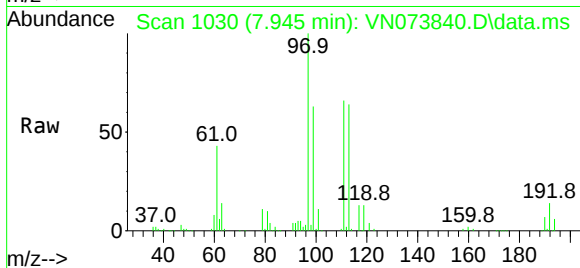
Tgt Ion:113 Resp: 201947

Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 22.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 55.643 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

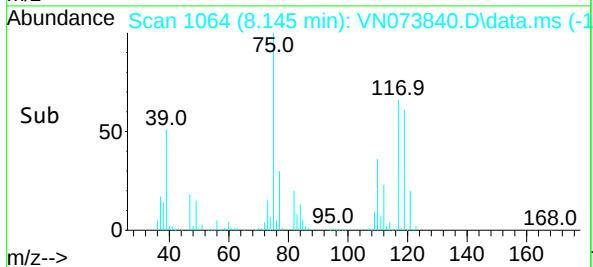
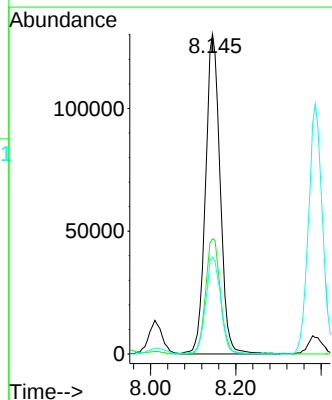
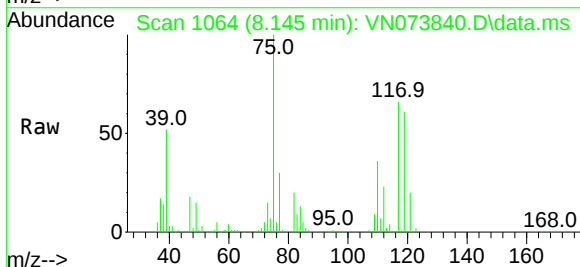
Tgt Ion: 75 Resp: 309468

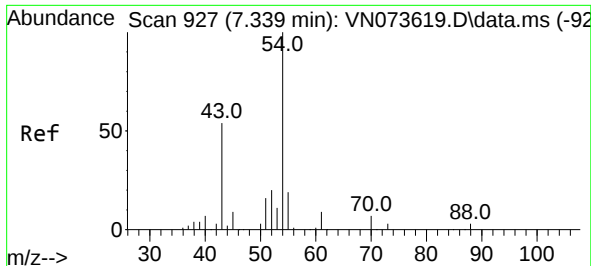
Ion Ratio Lower Upper

75 100

110 36.5 18.3 54.8

77 31.3 25.1 37.7

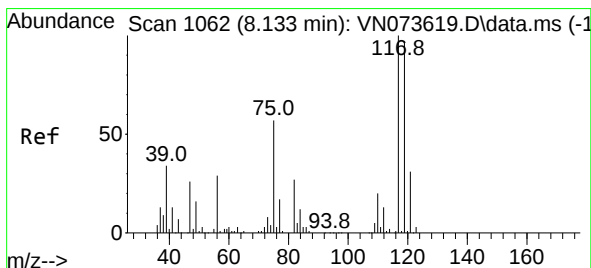
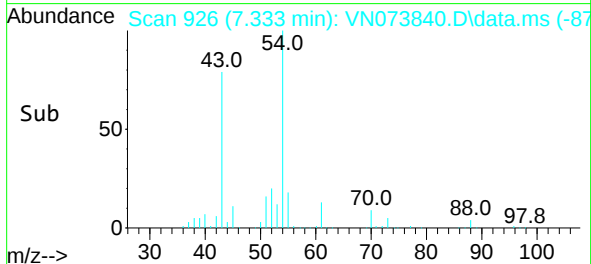
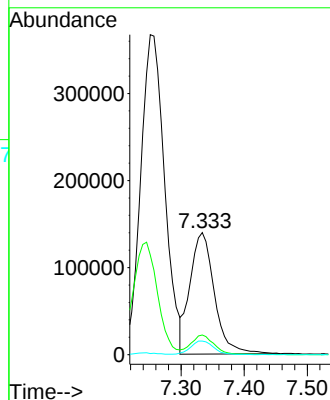
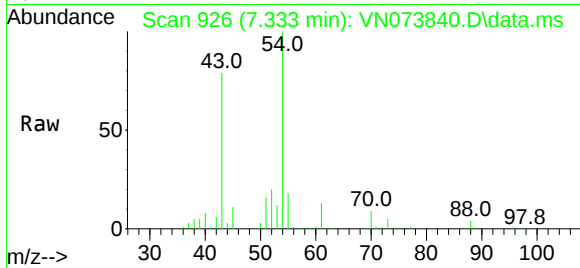




#37
Ethyl Acetate
Concen: 51.279 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

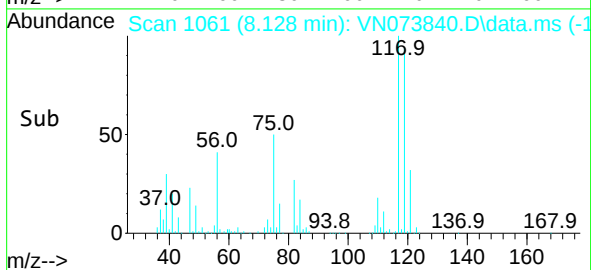
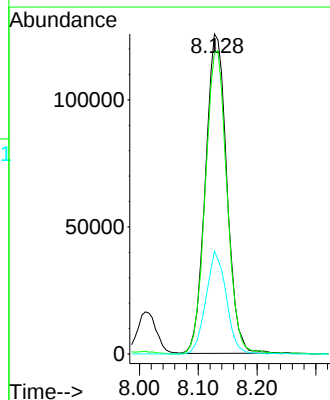
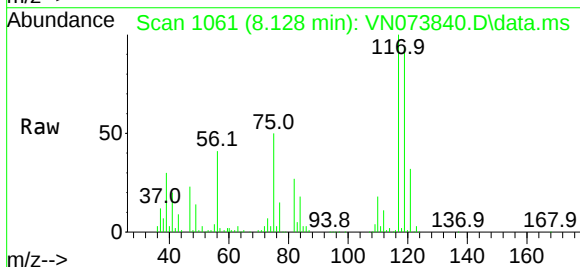
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 375597
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.6
70 10.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 56.236 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 117 Resp: 317664
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8
121 32.2 24.6 37.0





#39

Methylcyclohexane

Concen: 59.936 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

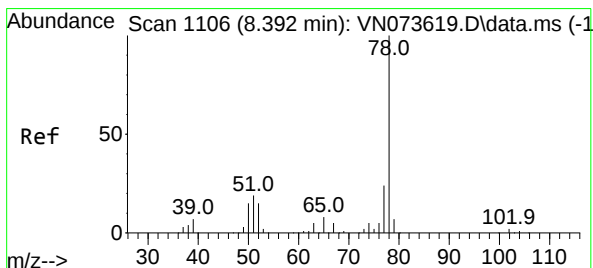
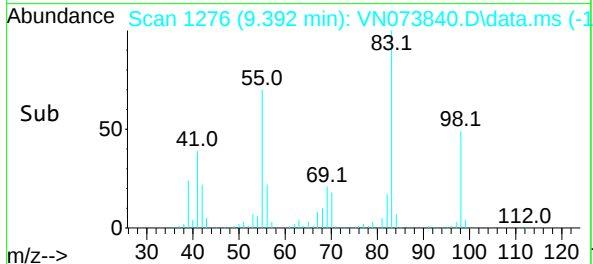
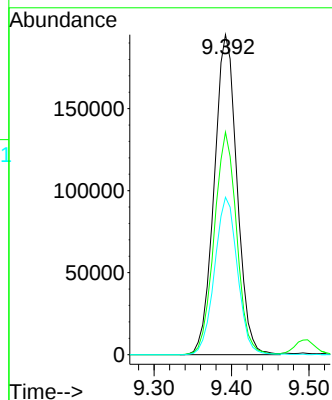
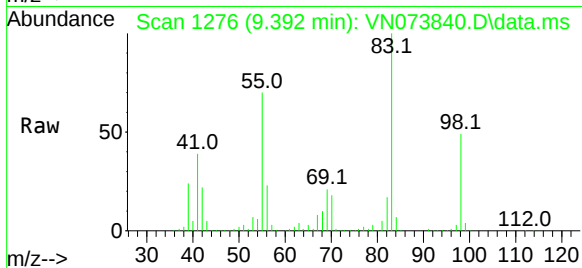
Tgt Ion: 83 Resp: 398342

Ion Ratio Lower Upper

83 100

55 69.6 57.8 86.8

98 49.2 39.4 59.2



#40

Benzene

Concen: 52.978 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073840.D

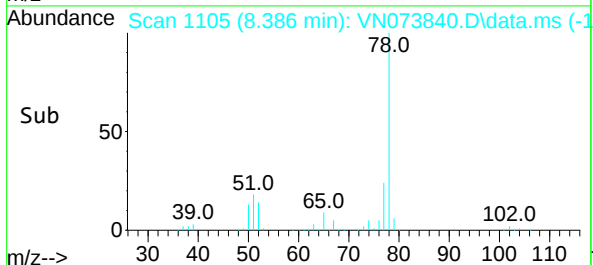
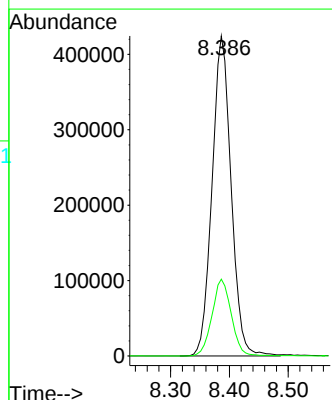
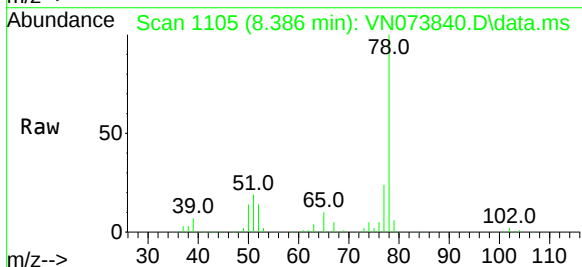
Acq: 12 Aug 2022 10:02

Tgt Ion: 78 Resp: 956810

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

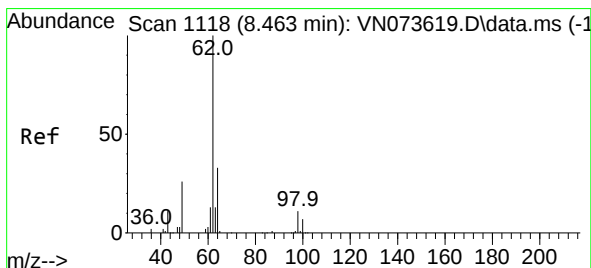
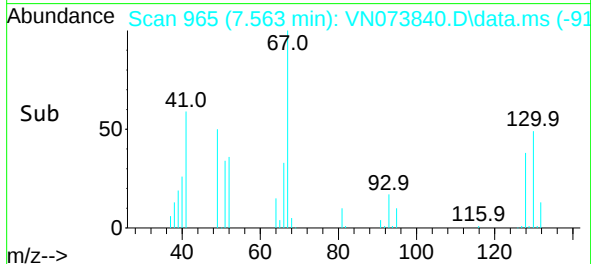
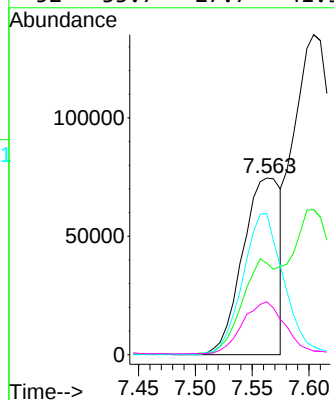
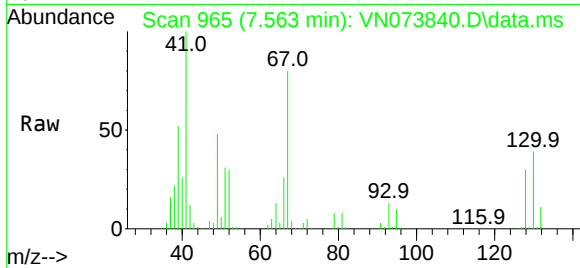




#41
Methacrylonitrile
Concen: 52.249 ug/l
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

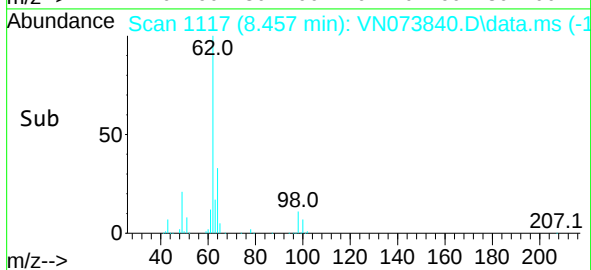
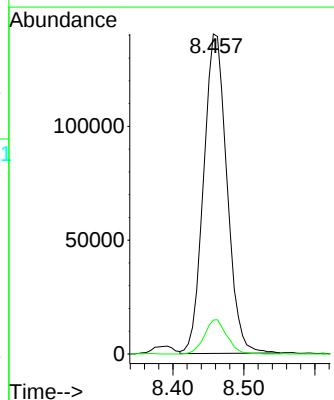
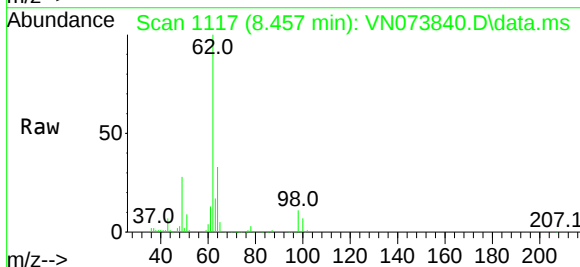
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

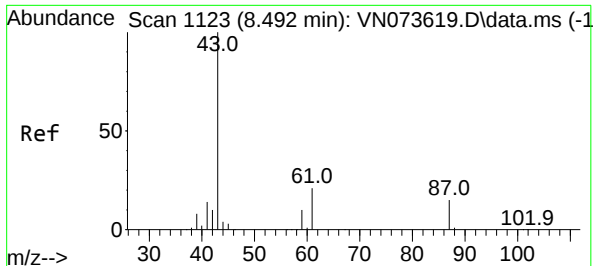
Tgt Ion: 41 Resp: 173175
Ion Ratio Lower Upper
41 100
39 44.8 48.6 73.0#
67 87.5 73.4 110.2
52 33.7 27.7 41.5



#42
1,2-Dichloroethane
Concen: 52.728 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 62 Resp: 320947
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.4





#43

Isopropyl Acetate

Concen: 52.953 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

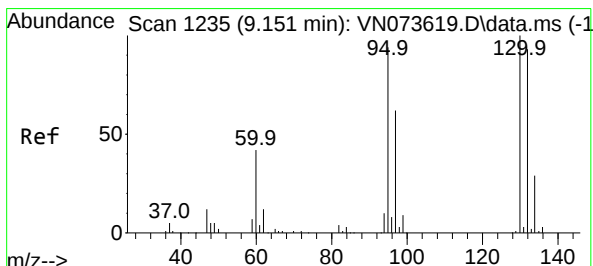
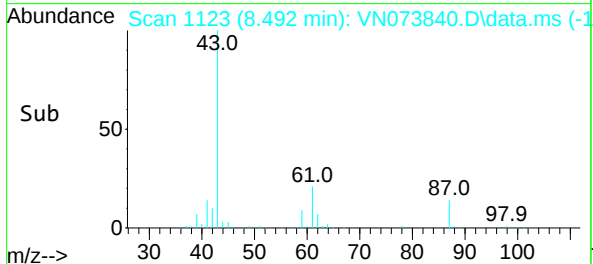
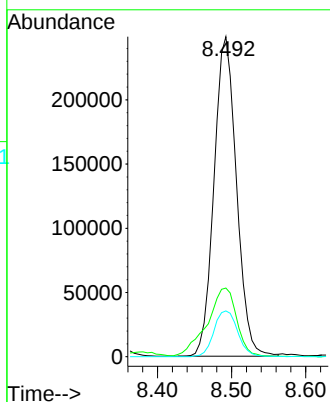
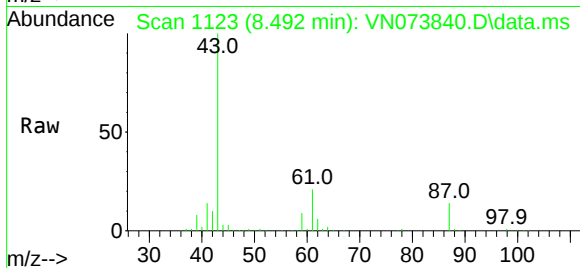
Tgt Ion: 43 Resp: 523879

Ion Ratio Lower Upper

43 100

61 28.1 21.9 32.9

87 15.2 12.0 18.0



#44

Trichloroethene

Concen: 55.319 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VN073840.D

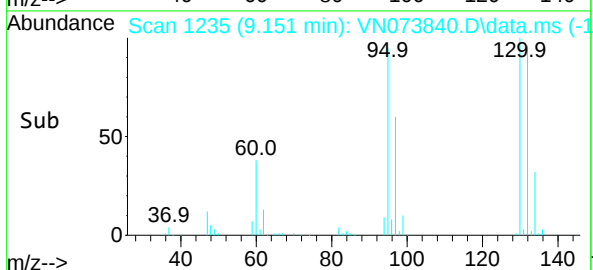
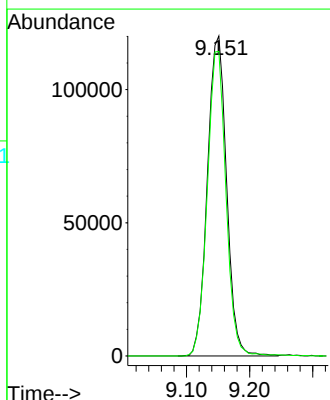
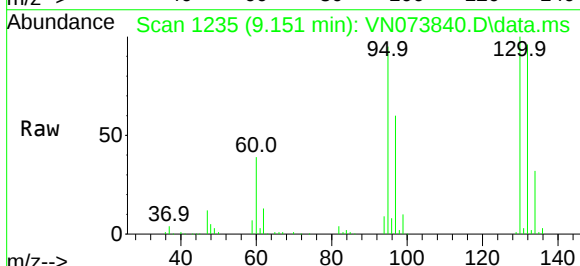
Acq: 12 Aug 2022 10:02

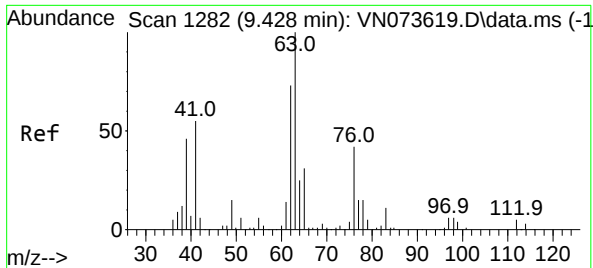
Tgt Ion:130 Resp: 253358

Ion Ratio Lower Upper

130 100

95 95.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 53.048 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

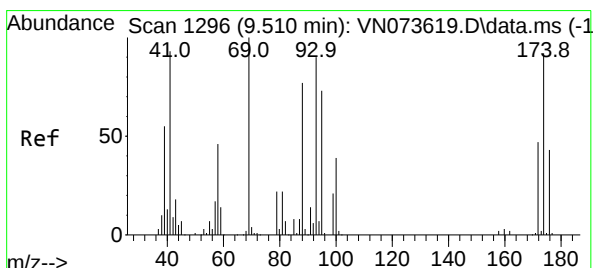
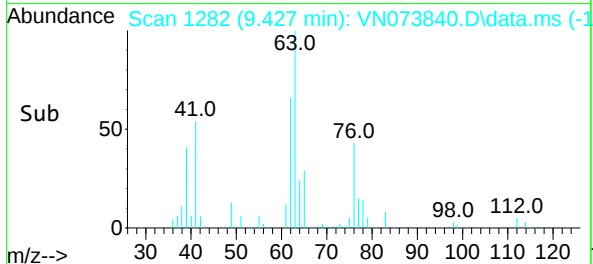
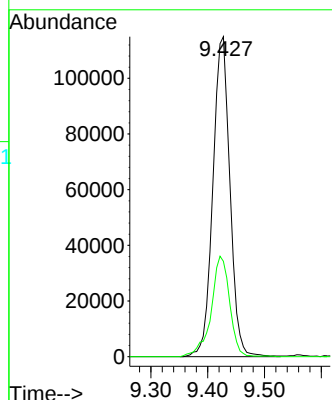
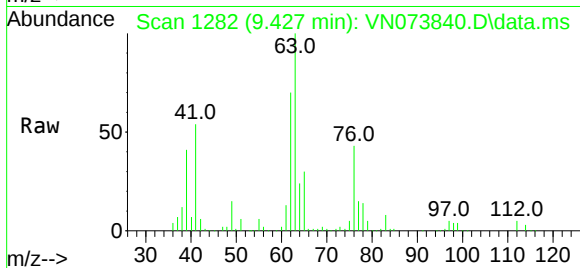
VSTDCCC050

Tgt Ion: 63 Resp: 239475

Ion Ratio Lower Upper

63 100

65 29.8 24.9 37.3



#46

Dibromomethane

Concen: 54.851 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

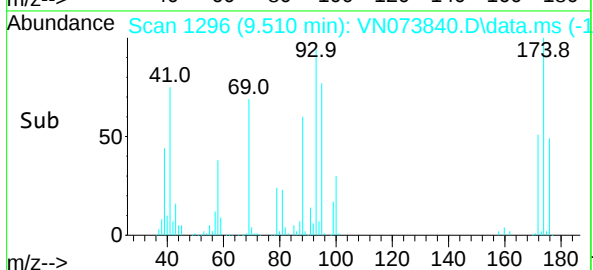
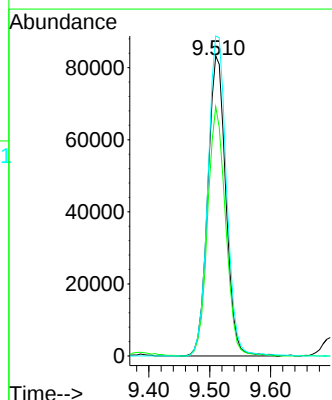
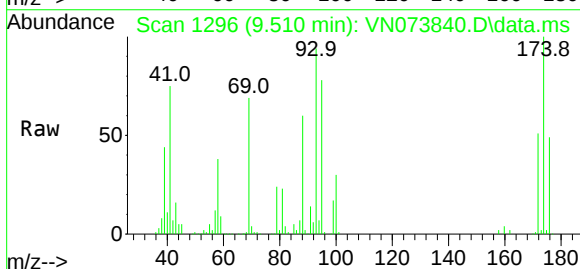
Tgt Ion: 93 Resp: 171853

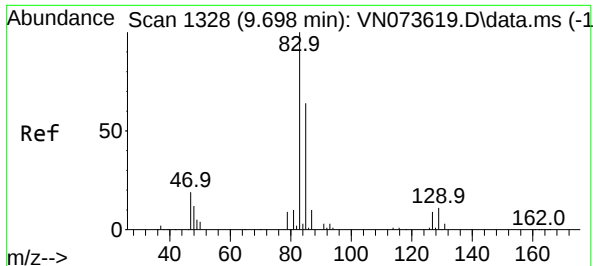
Ion Ratio Lower Upper

93 100

95 82.2 66.9 100.3

174 109.4 86.6 130.0

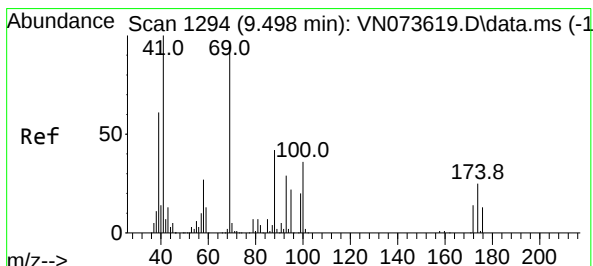
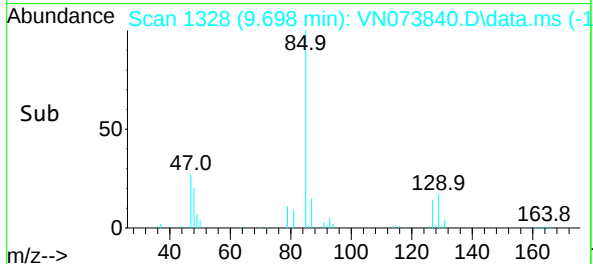
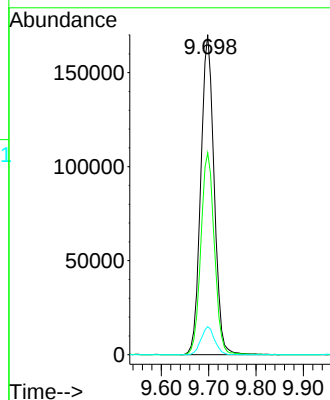
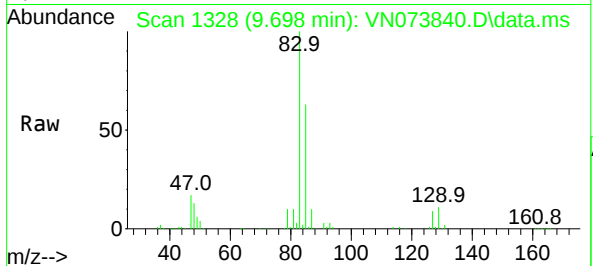




#47
Bromodichloromethane
Concen: 55.417 ug/l
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

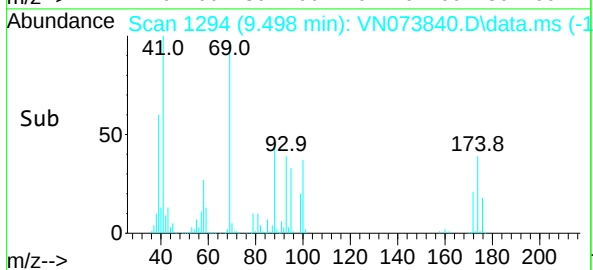
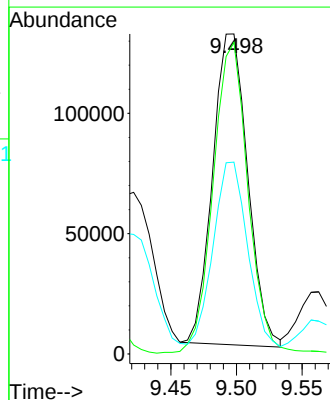
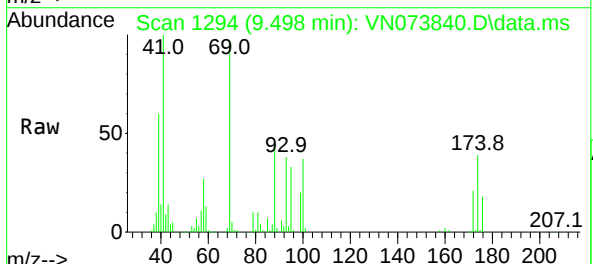
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

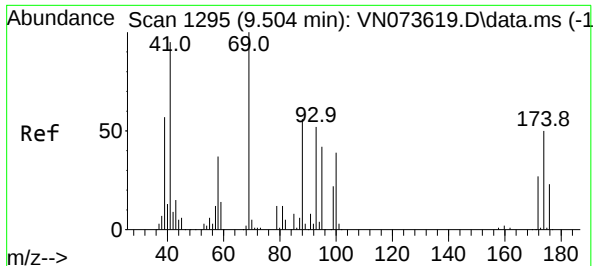
Tgt Ion: 83 Resp: 333241
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 8.8 6.8 10.2



#48
Methyl methacrylate
Concen: 55.364 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 41 Resp: 239755
Ion Ratio Lower Upper
41 100
69 101.2 74.7 112.1
39 58.0 45.6 68.4

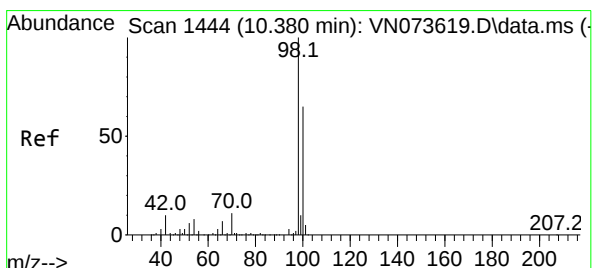
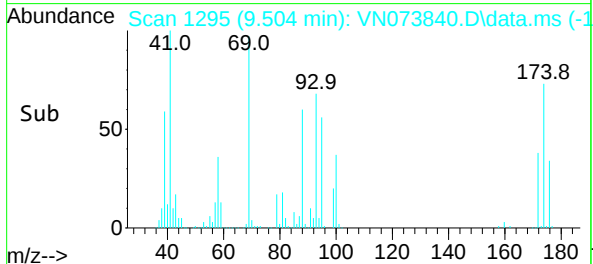
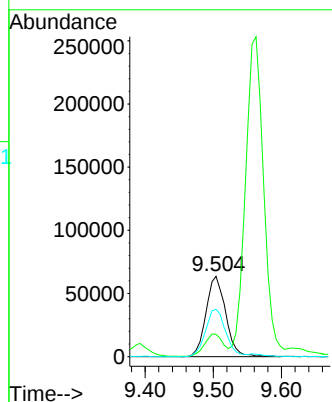
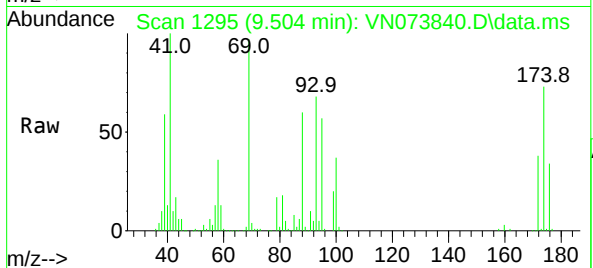




#49
1,4-Dioxane
Concen: 1049.691 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

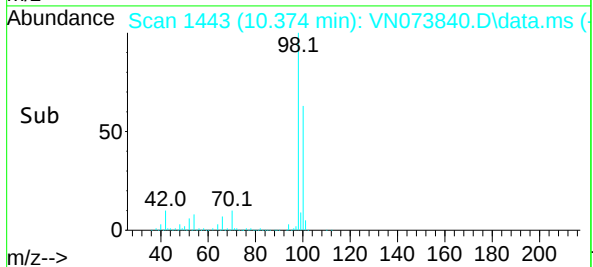
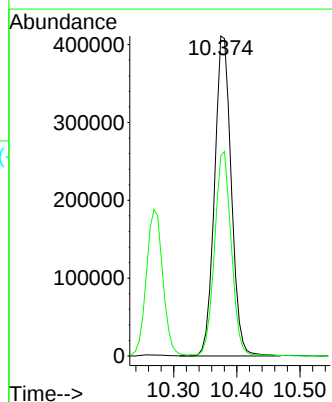
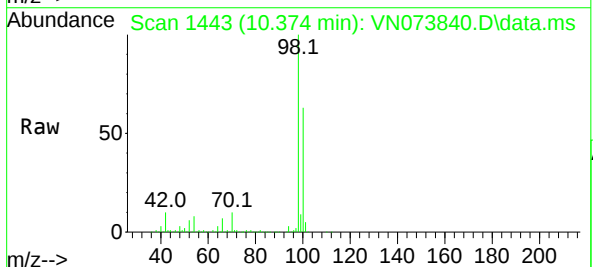
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

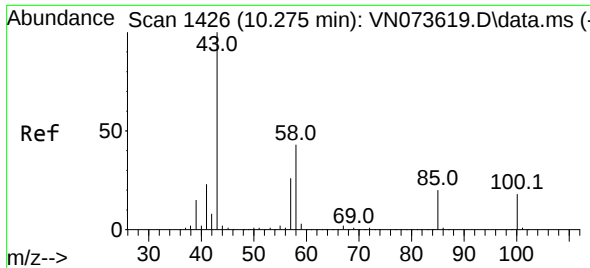
Tgt Ion: 88 Resp: 128138
Ion Ratio Lower Upper
88 100
43 26.2 20.2 30.4
58 60.6 54.2 81.4



#50
Toluene-d8
Concen: 49.247 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 98 Resp: 756238
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

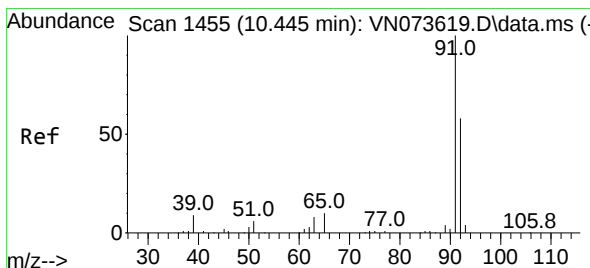
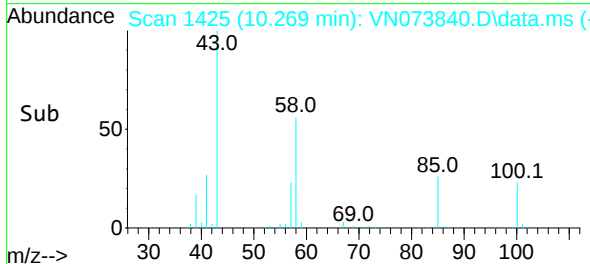
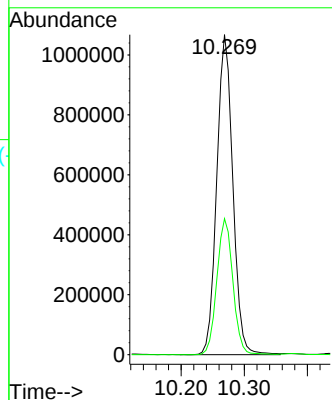
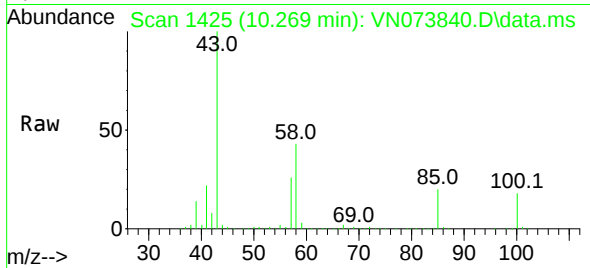




#51
4-Methyl-2-Pentanone
Concen: 265.565 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

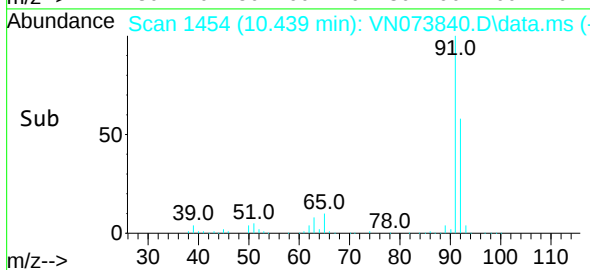
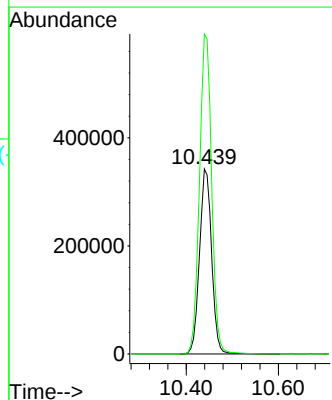
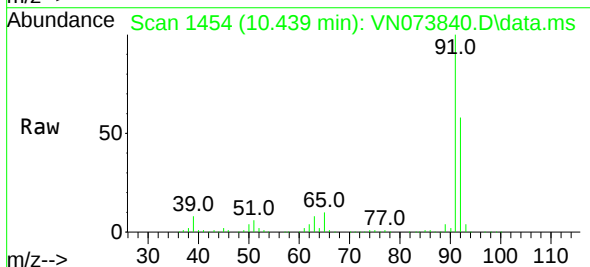
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

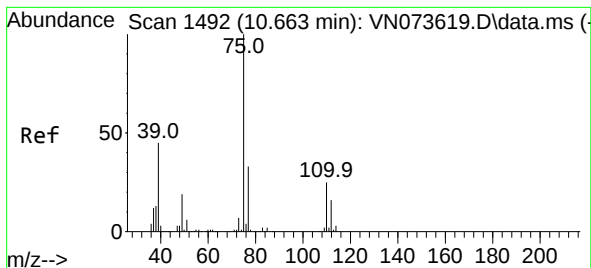
Tgt Ion: 43 Resp: 1884393
Ion Ratio Lower Upper
43 100
58 42.4 34.1 51.1



#52
Toluene
Concen: 56.735 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 92 Resp: 625872
Ion Ratio Lower Upper
92 100
91 174.2 138.6 207.8

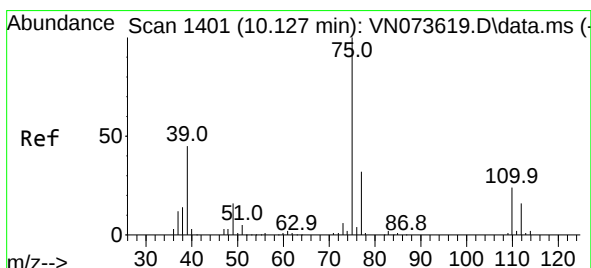
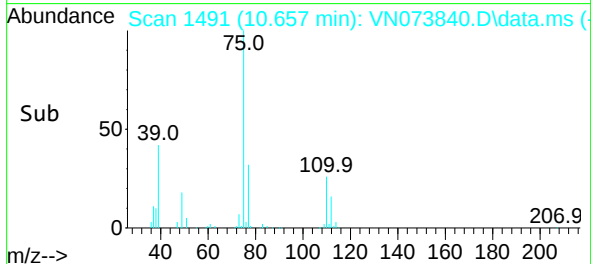
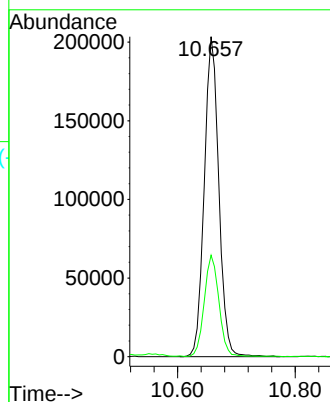
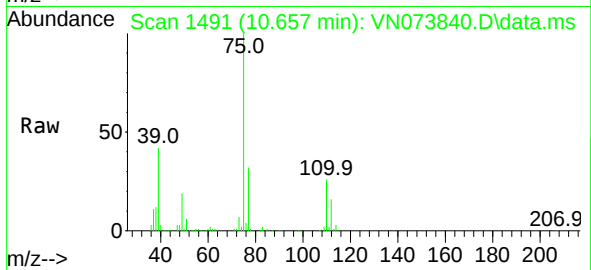




#53
t-1,3-Dichloropropene
Concen: 58.989 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

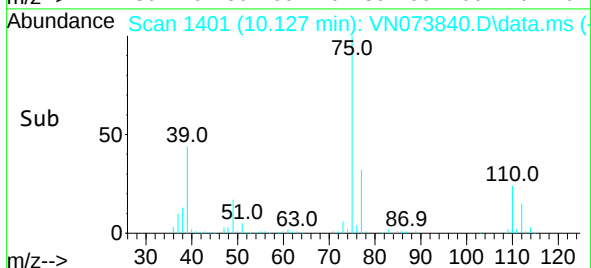
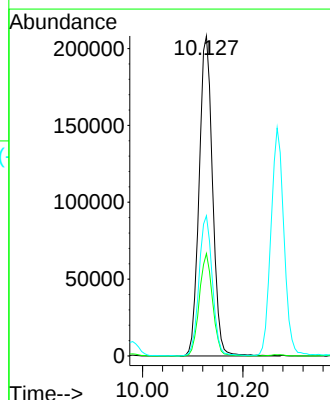
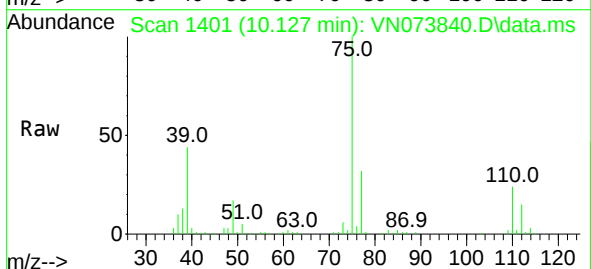
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

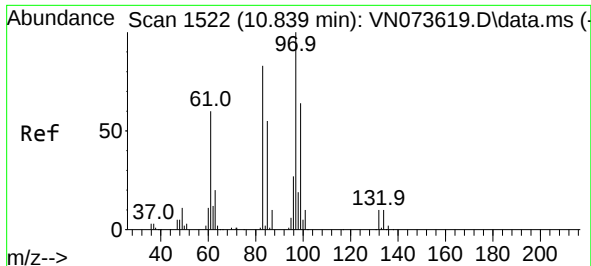
Tgt Ion: 75 Resp: 350428
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 57.761 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 75 Resp: 386674
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 43.7 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 54.987 ug/l

RT: 10.839 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 252951

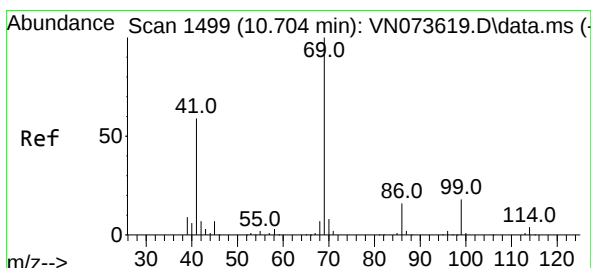
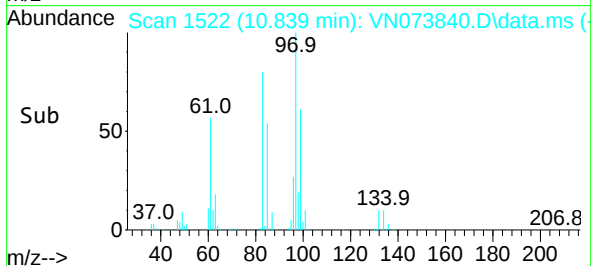
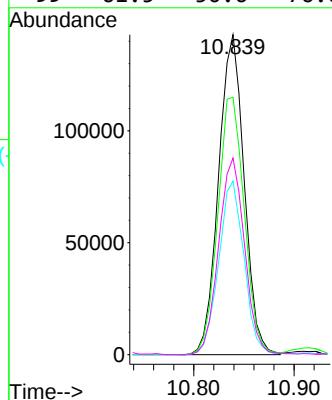
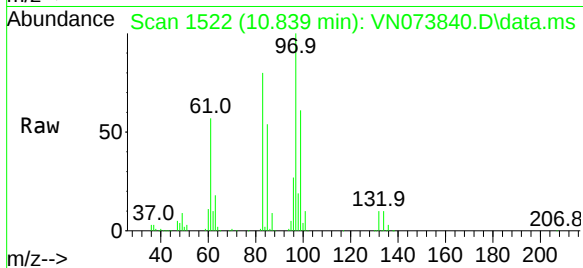
Ion Ratio Lower Upper

97 100

83 80.5 66.2 99.4

85 54.3 43.9 65.9

99 61.5 50.6 76.0



#56

Ethyl methacrylate

Concen: 61.122 ug/l

RT: 10.698 min Scan# 1498

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

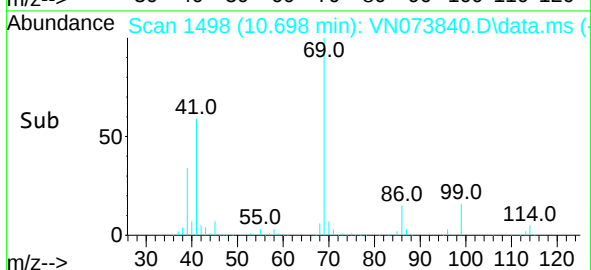
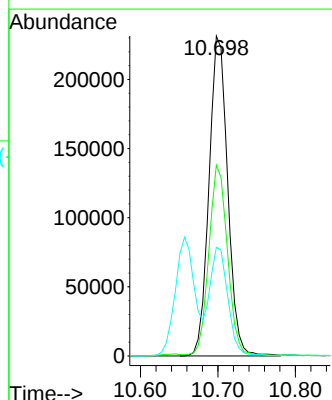
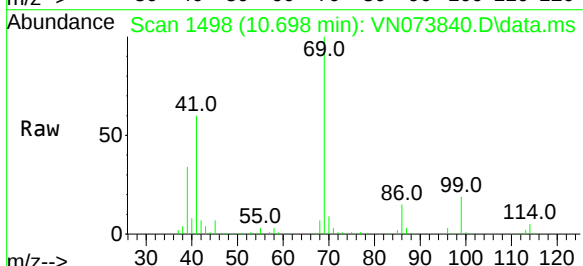
Tgt Ion: 69 Resp: 387532

Ion Ratio Lower Upper

69 100

41 59.1 47.8 71.6

39 32.6 27.3 40.9





#57

1,3-Dichloropropane

Concen: 53.297 ug/l

RT: 10.980 min Scan# 1547

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

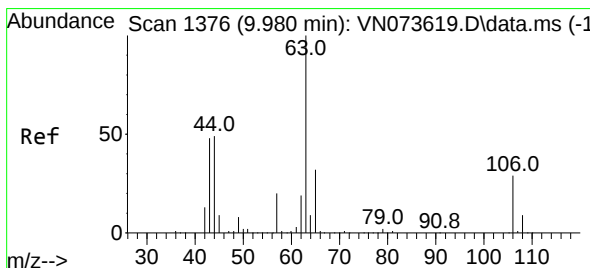
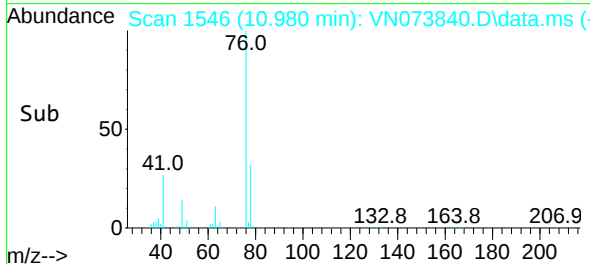
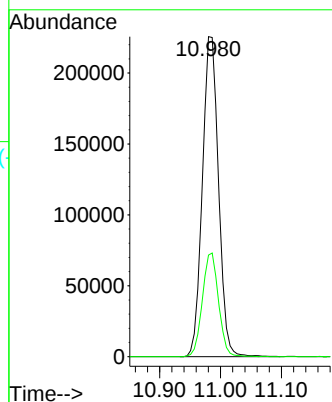
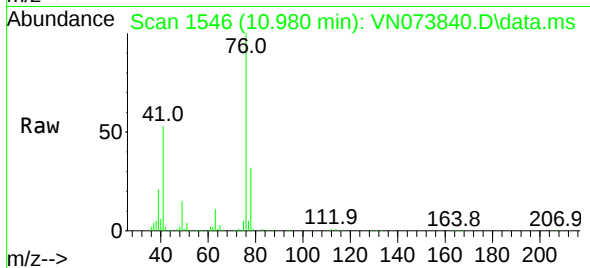
VSTDCCC050

Tgt Ion: 76 Resp: 415974

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 258.712 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073840.D

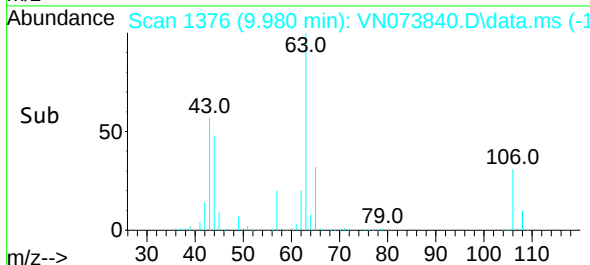
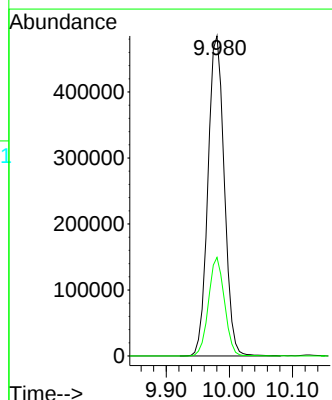
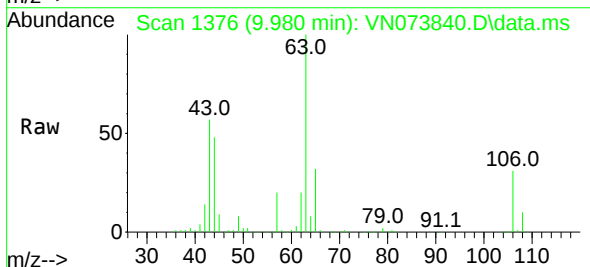
Acq: 12 Aug 2022 10:02

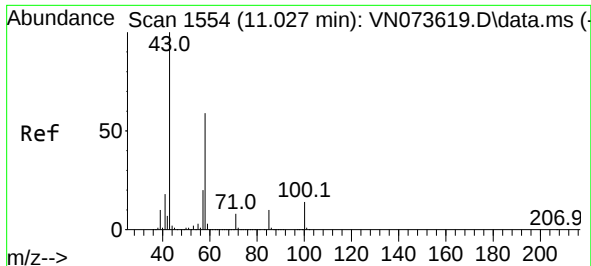
Tgt Ion: 63 Resp: 869225

Ion Ratio Lower Upper

63 100

106 30.2 24.6 36.8

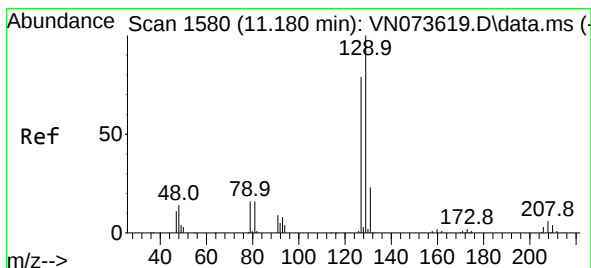
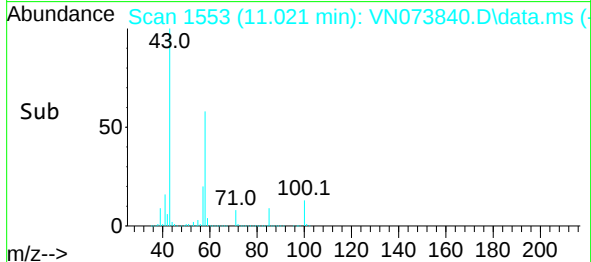
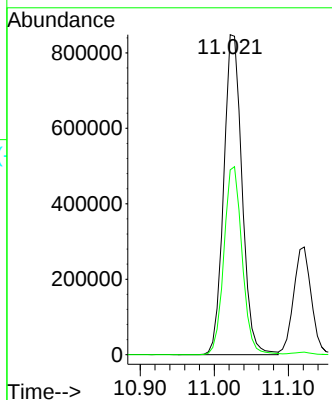
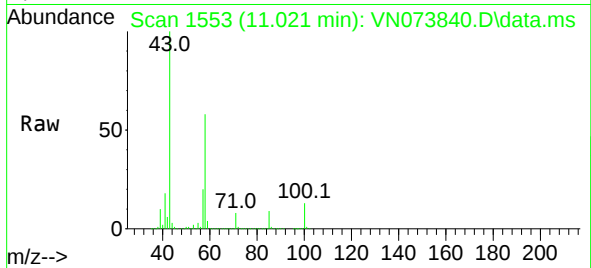




#59
2-Hexanone
Concen: 270.880 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

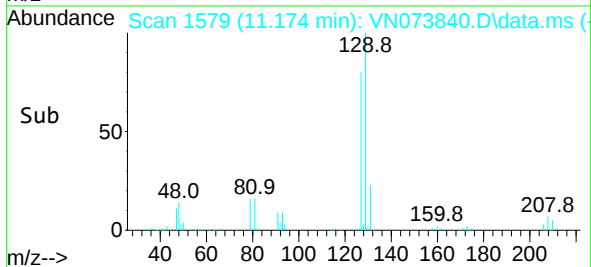
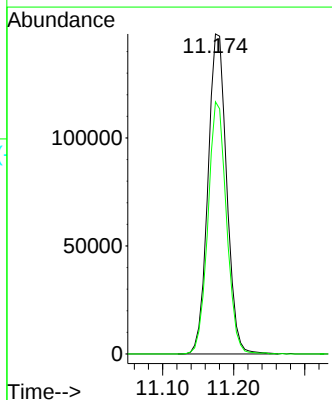
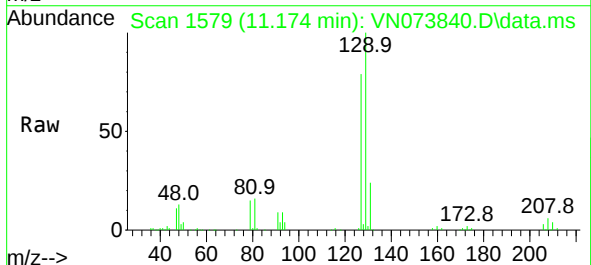
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1456268
Ion Ratio Lower Upper
43 100
58 58.3 29.7 89.1



#60
Dibromochloromethane
Concen: 59.342 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 129 Resp: 271576
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4

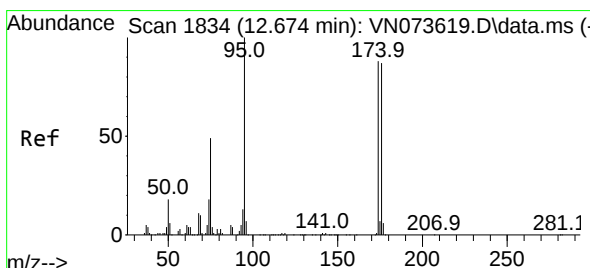
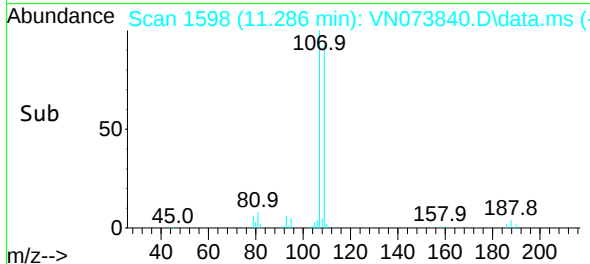
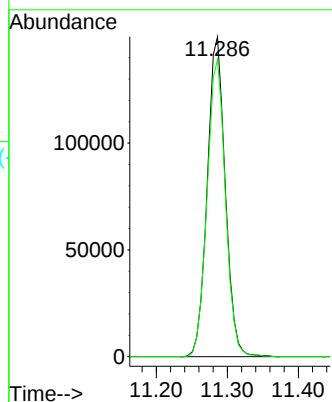
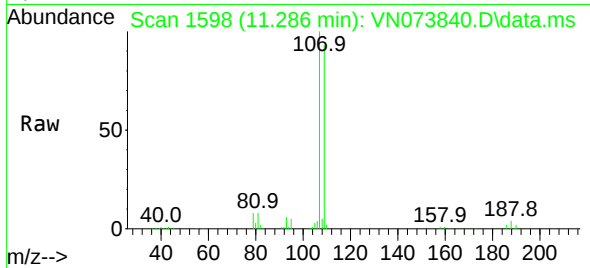




#61
1,2-Dibromoethane
Concen: 55.710 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

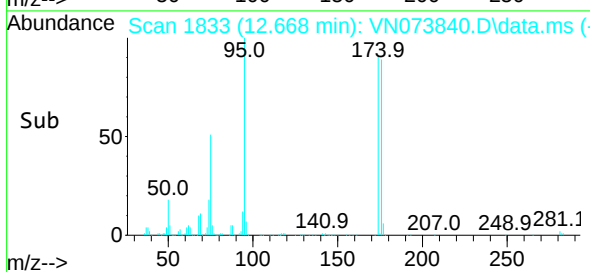
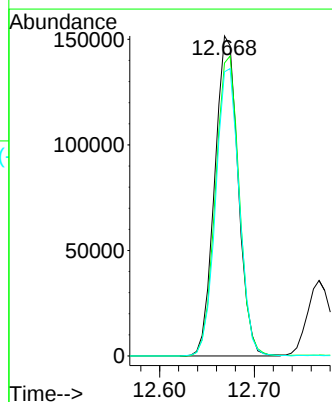
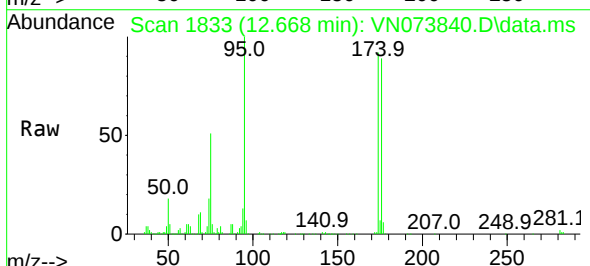
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

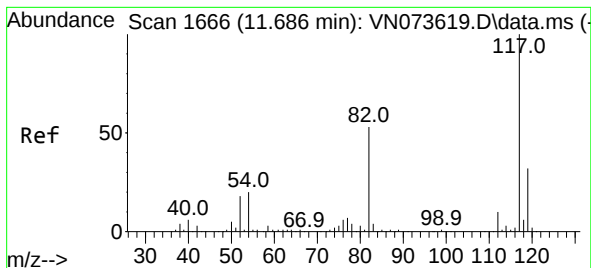
Tgt Ion:107 Resp: 263944
Ion Ratio Lower Upper
107 100
109 94.7 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 48.442 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 95 Resp: 260645
Ion Ratio Lower Upper
95 100
174 94.4 0.0 167.6
176 90.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

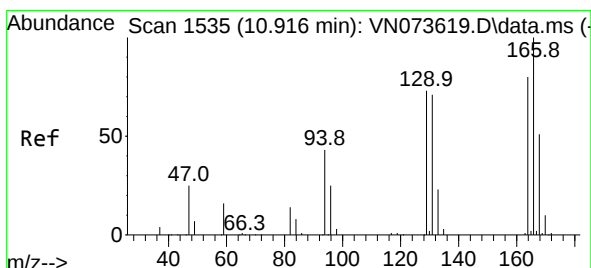
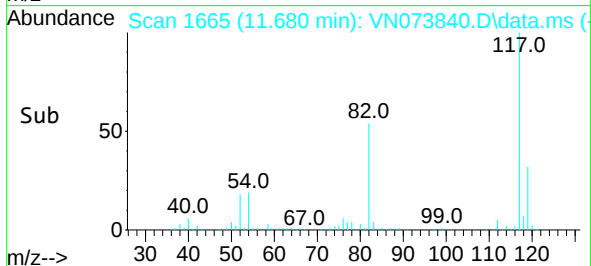
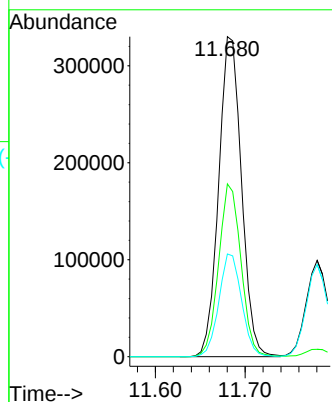
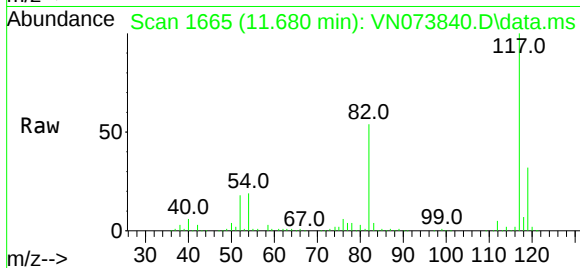
Tgt Ion:117 Resp: 583464

Ion Ratio Lower Upper

117 100

82 54.0 44.2 66.2

119 32.1 25.4 38.0



#64

Tetrachloroethene

Concen: 54.309 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. -0.000 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Tgt Ion:164 Resp: 251826

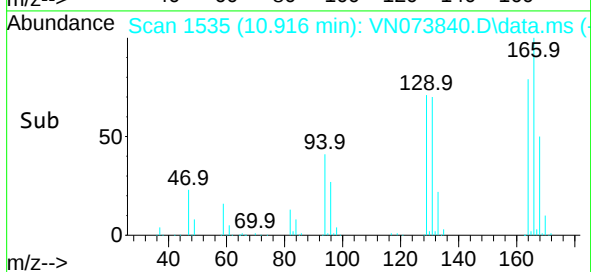
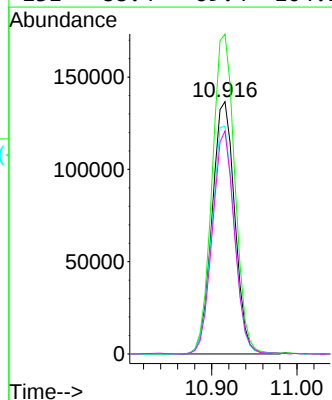
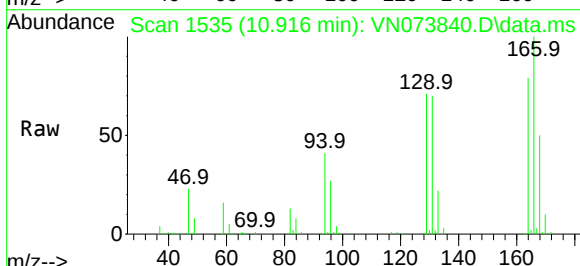
Ion Ratio Lower Upper

164 100

166 126.8 104.2 156.2

129 90.3 73.9 110.9

131 88.4 69.4 104.2

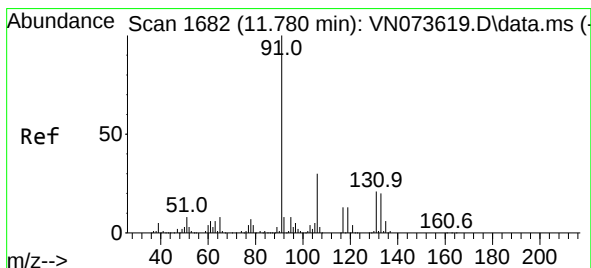
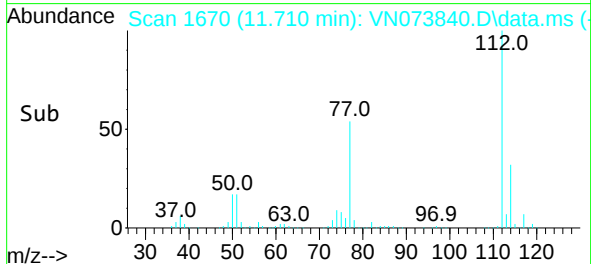
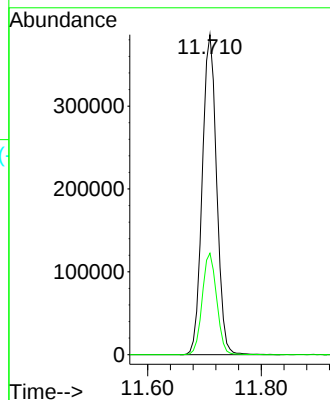
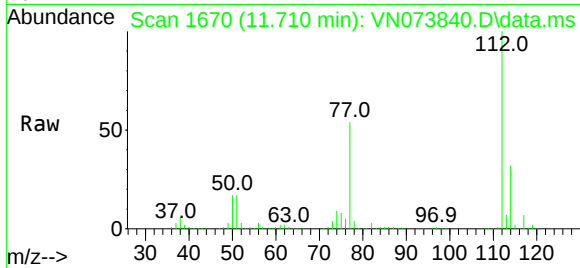




#65
Chlorobenzene
Concen: 54.650 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

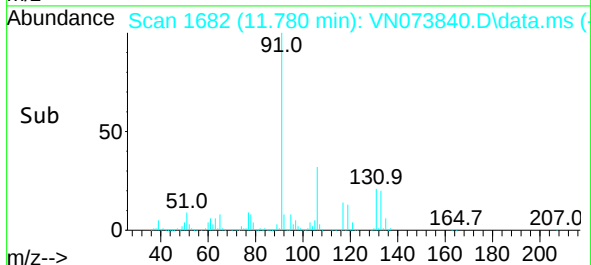
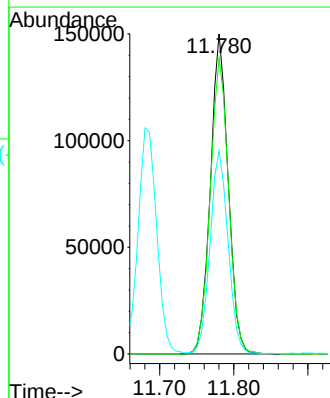
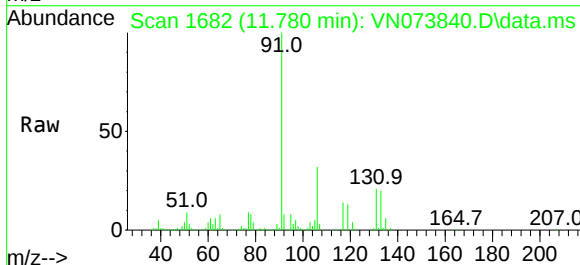
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

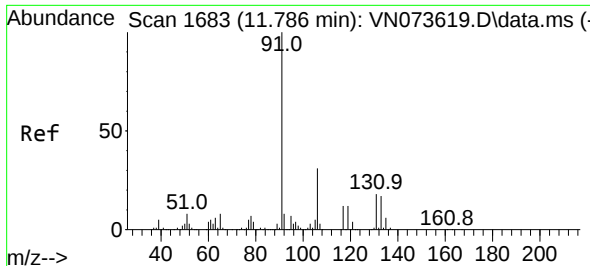
Tgt Ion:112 Resp: 677293
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.061 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion:131 Resp: 249199
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 64.9 33.4 100.2

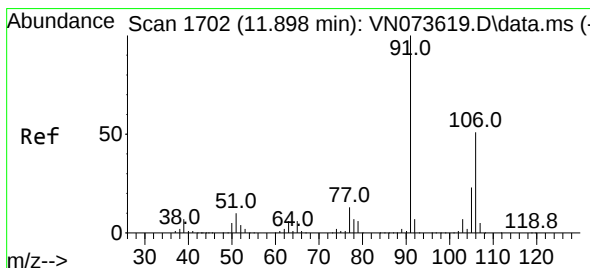
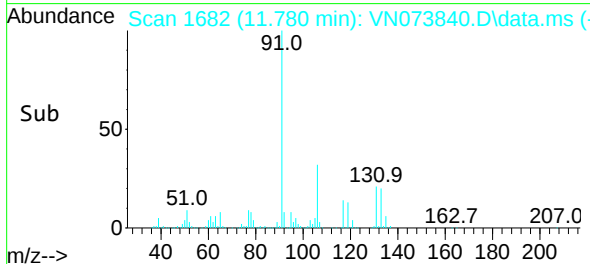
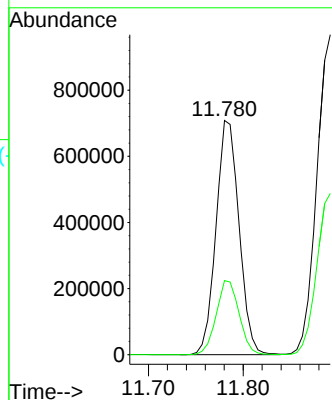
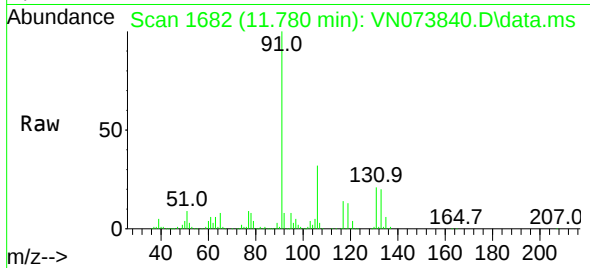




#67
Ethyl Benzene
Concen: 57.222 ug/l
RT: 11.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

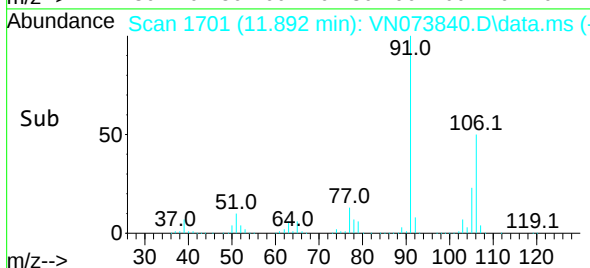
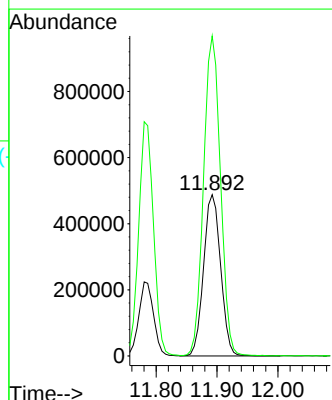
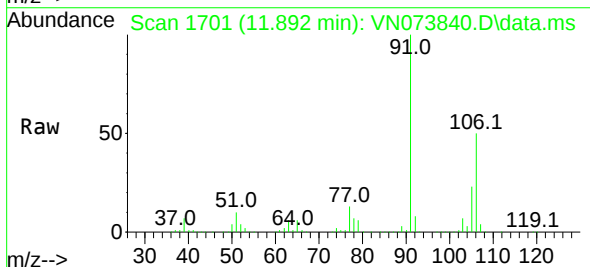
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

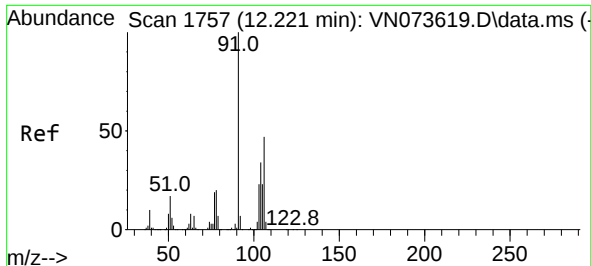
Tgt Ion: 91 Resp: 1196406
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 118.866 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion:106 Resp: 947880
Ion Ratio Lower Upper
106 100
91 197.2 158.9 238.3

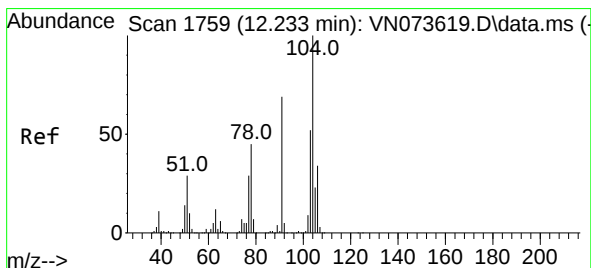
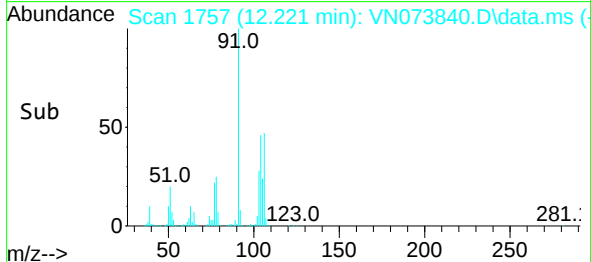
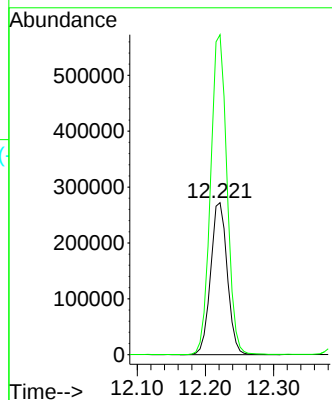
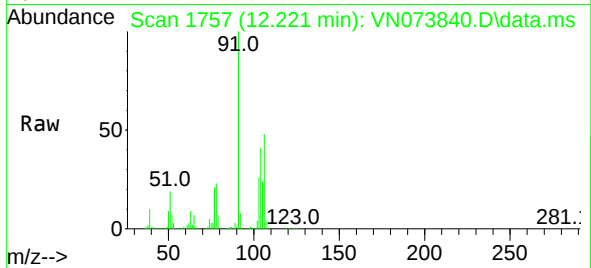




#69
o-Xylene
Concen: 59.348 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

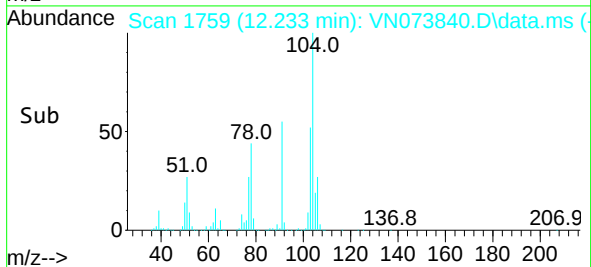
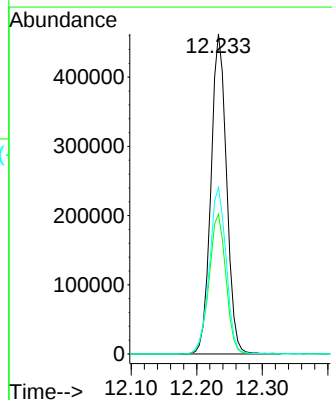
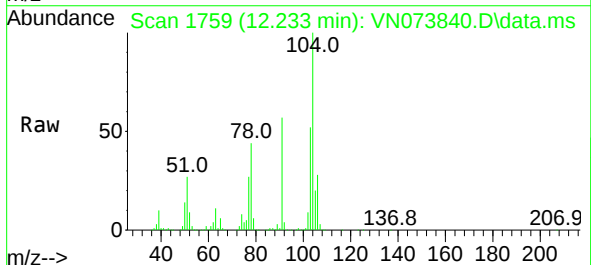
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

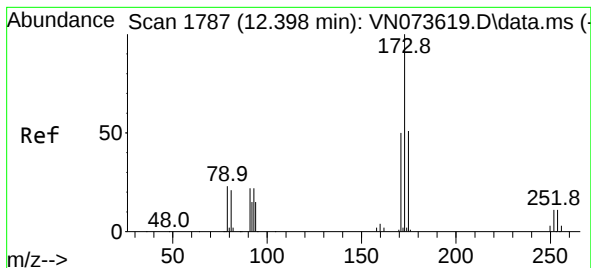
Tgt Ion:106 Resp: 461394
Ion Ratio Lower Upper
106 100
91 208.0 106.0 318.0



#70
Styrene
Concen: 61.837 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion:104 Resp: 769570
Ion Ratio Lower Upper
104 100
78 47.2 39.5 59.3
103 55.6 44.0 66.0





#71

Bromoform

Concen: 60.741 ug/l

RT: 12.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

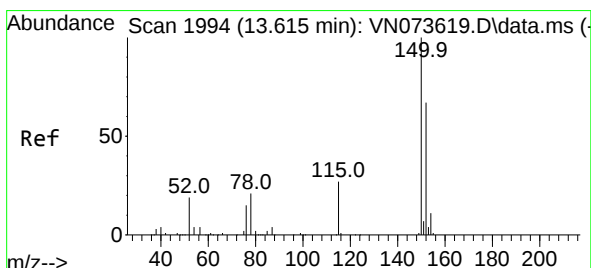
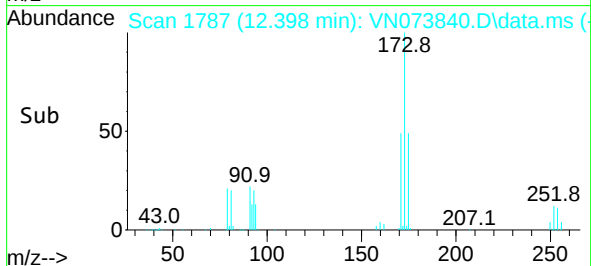
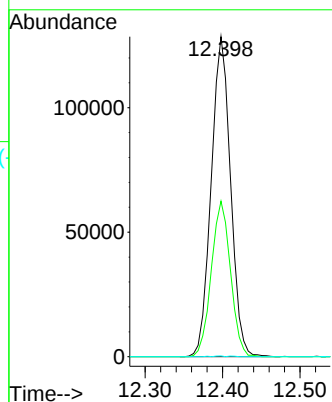
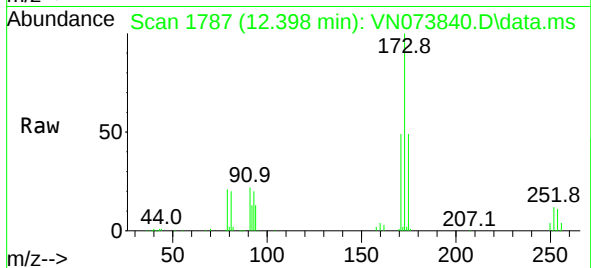
Tgt Ion:173 Resp: 222865

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

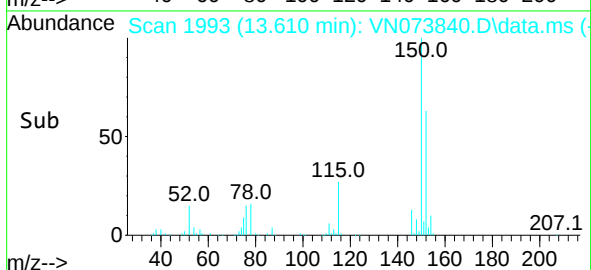
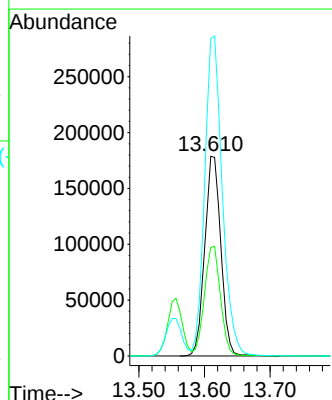
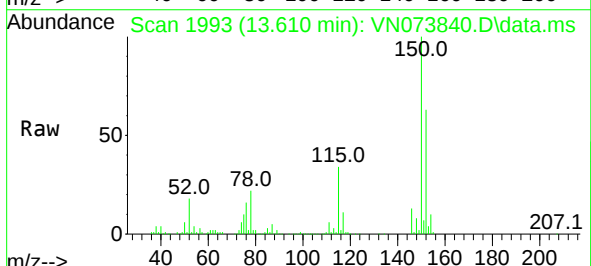
Tgt Ion:152 Resp: 305445

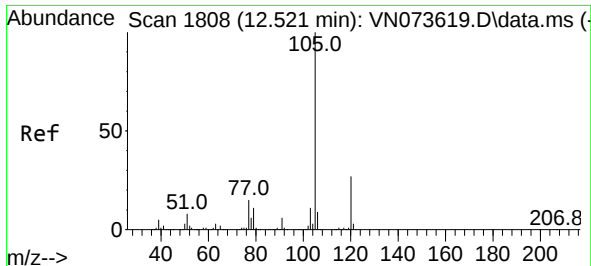
Ion Ratio Lower Upper

152 100

115 54.8 28.9 86.7

150 174.9 0.0 356.2

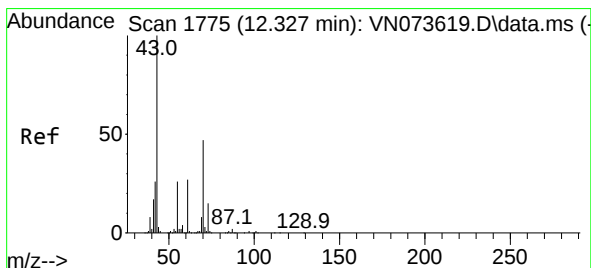
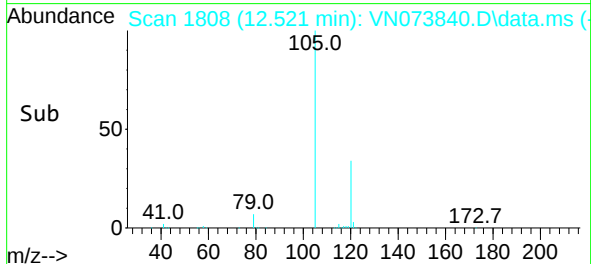
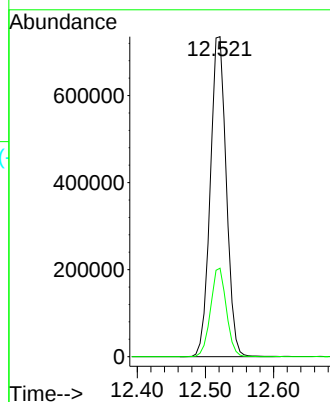
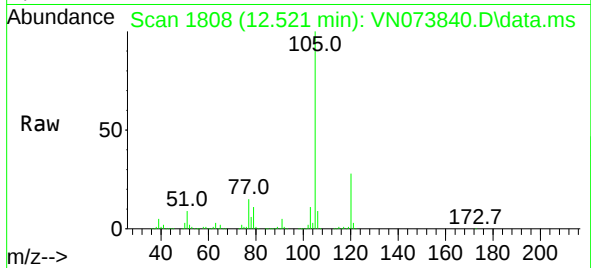




#73
Isopropylbenzene
Concen: 53.846 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

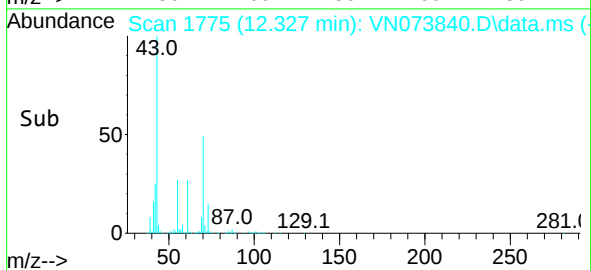
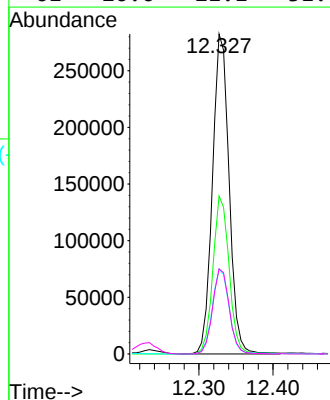
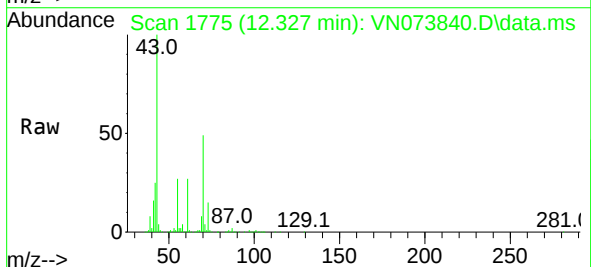
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

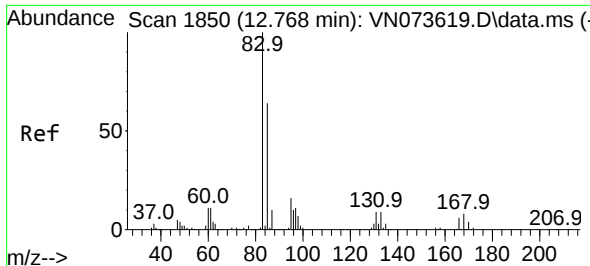
Tgt Ion:105 Resp: 1203956
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 52.116 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 43 Resp: 440277
Ion Ratio Lower Upper
43 100
70 47.9 39.0 58.4
55 26.8 21.1 31.7
61 26.6 21.1 31.7

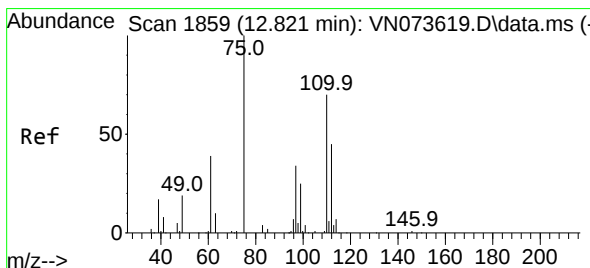
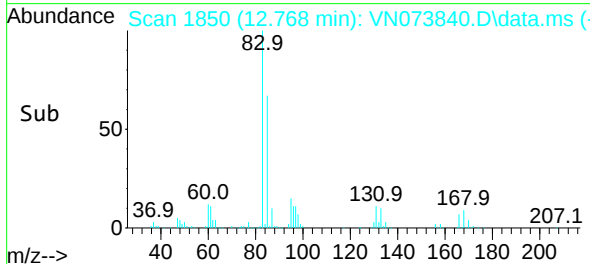
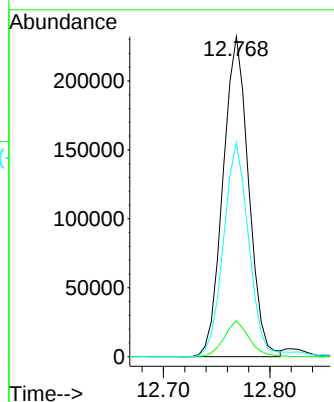
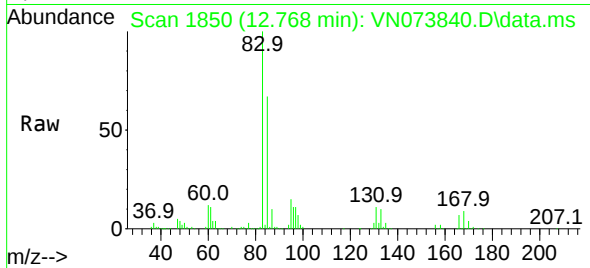




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.900 ug/l
 RT: 12.768 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

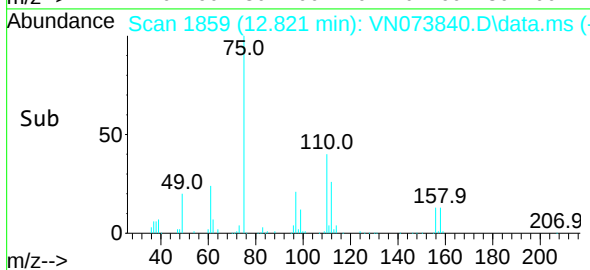
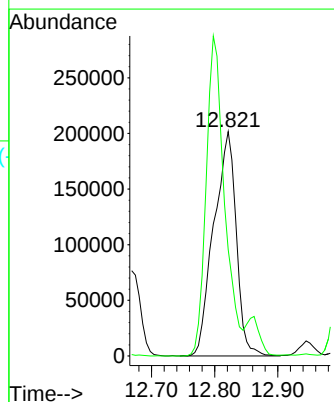
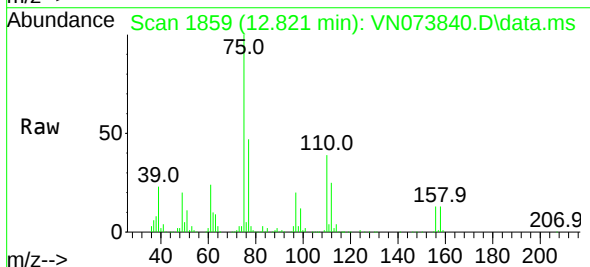
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 VSTDCCC050

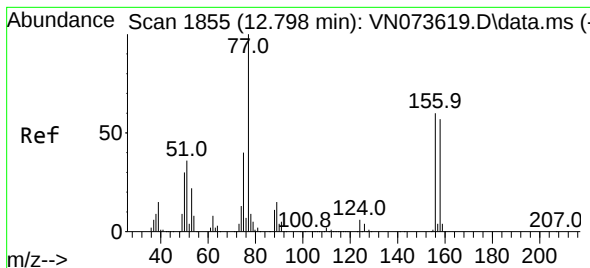
Tgt Ion: 83 Resp: 387404
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.3 15.9
 85 67.7 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 91.751 ug/l
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

Tgt Ion: 75 Resp: 498331
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 51.662 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

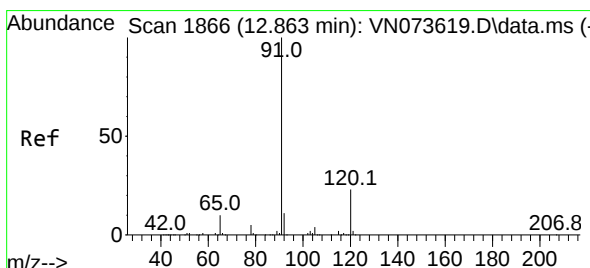
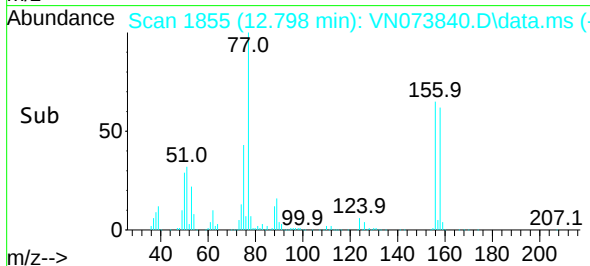
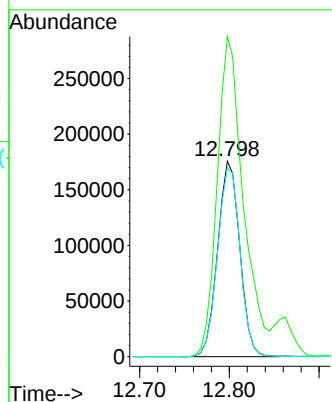
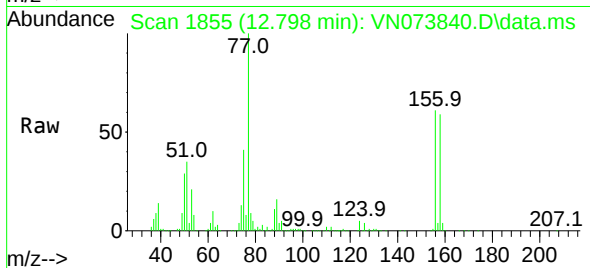
Tgt Ion:156 Resp: 300816

Ion Ratio Lower Upper

156 100

77 193.7 100.5 301.5

158 98.4 48.9 146.6



#78

n-propylbenzene

Concen: 55.965 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN073840.D

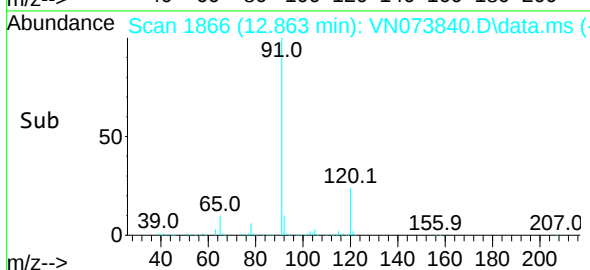
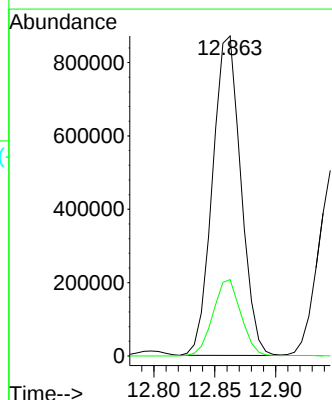
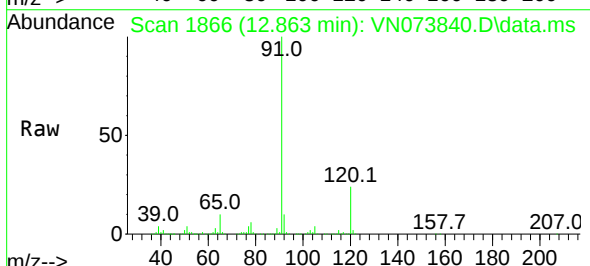
Acq: 12 Aug 2022 10:02

Tgt Ion: 91 Resp: 1408006

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5

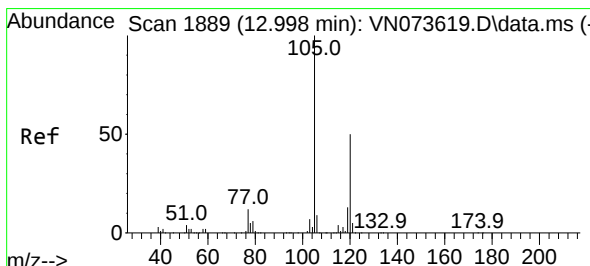
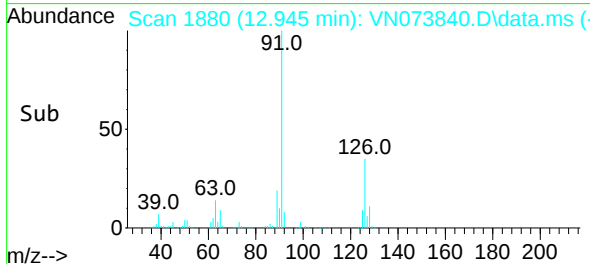
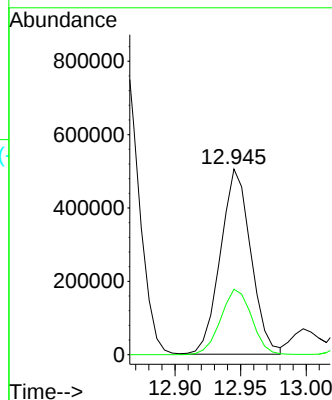
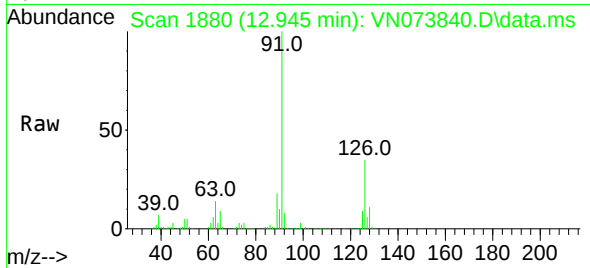




#79
2-Chlorotoluene
Concen: 52.014 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

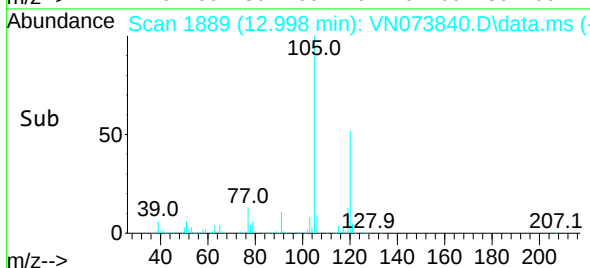
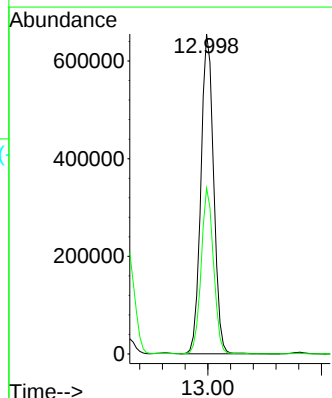
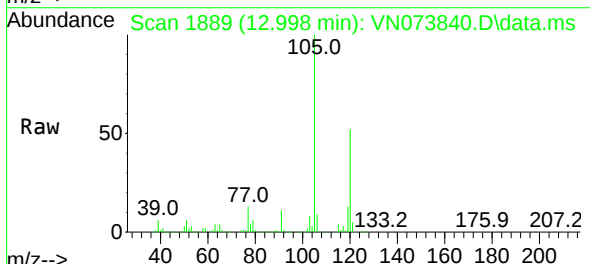
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

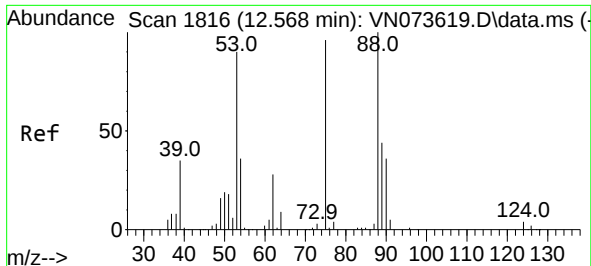
Tgt Ion: 91 Resp: 816735
Ion Ratio Lower Upper
91 100
126 36.0 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 55.465 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 105 Resp: 1020585
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.7

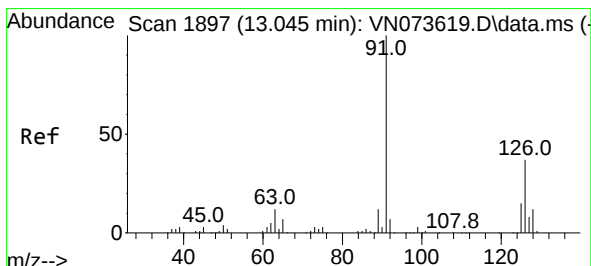
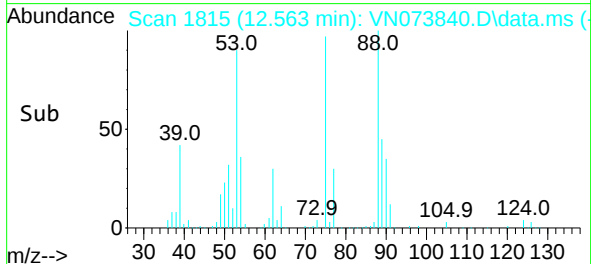
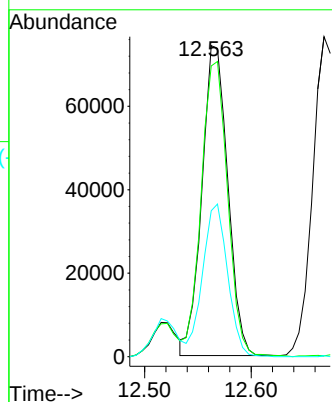
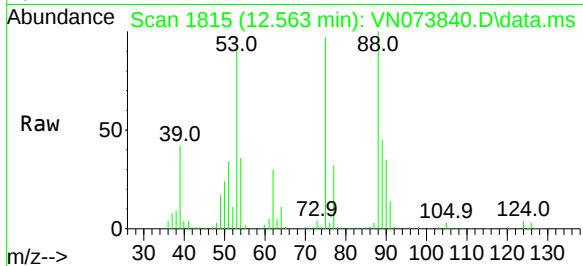




#81
trans-1,4-Dichloro-2-butene
Concen: 53.282 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.006 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

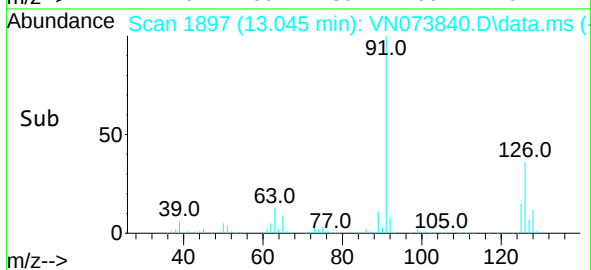
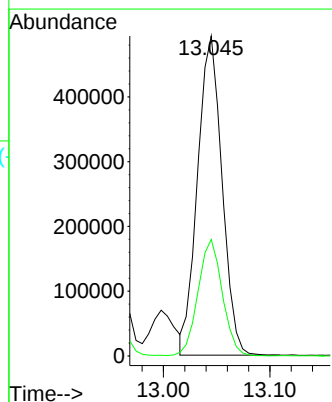
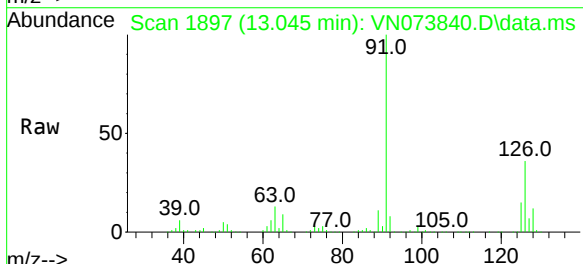
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 125584
Ion Ratio Lower Upper
75 100
53 97.3 78.0 117.0
89 47.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 52.899 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 91 Resp: 787249
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6

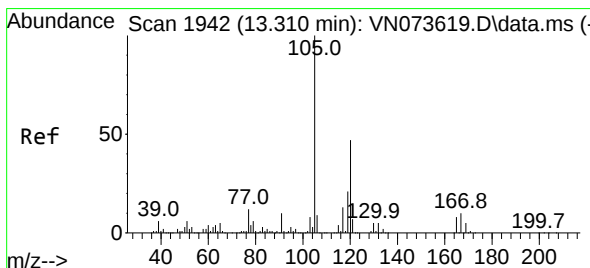
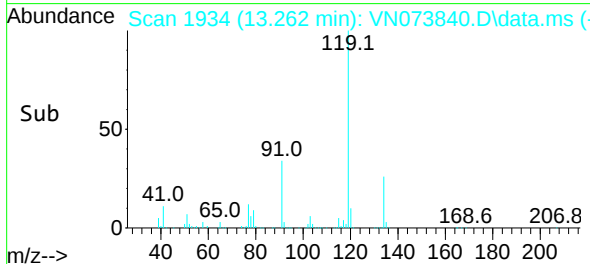
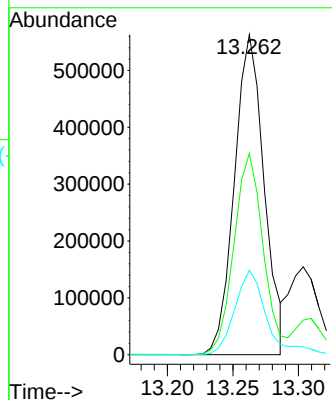
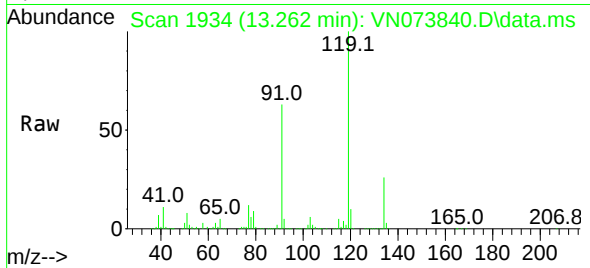




#83
 tert-Butylbenzene
 Concen: 54.553 ug/l
 RT: 13.262 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

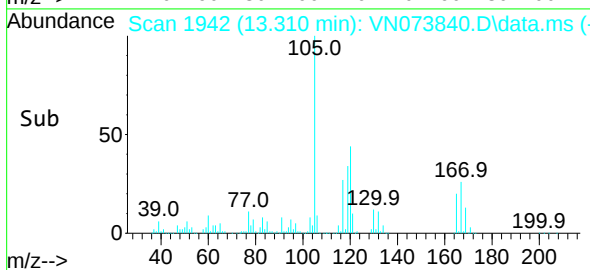
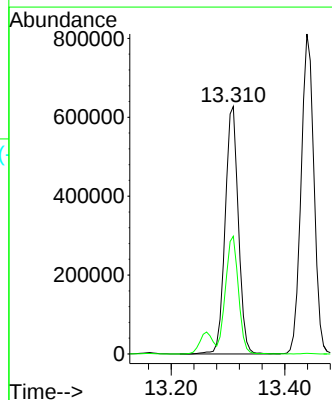
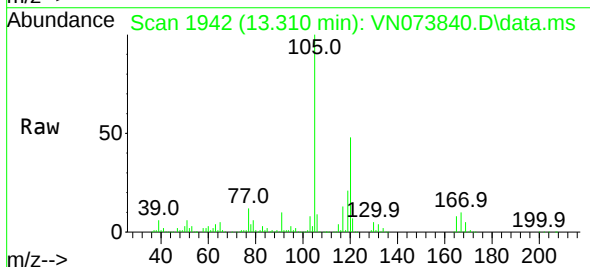
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 889115
 Ion Ratio Lower Upper
 119 100
 91 62.3 31.6 94.8
 134 28.2 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 56.251 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

Tgt Ion:105 Resp: 1017755
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.8

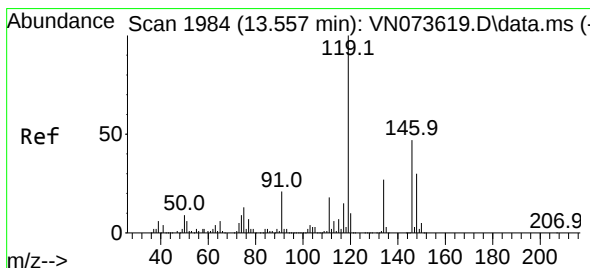
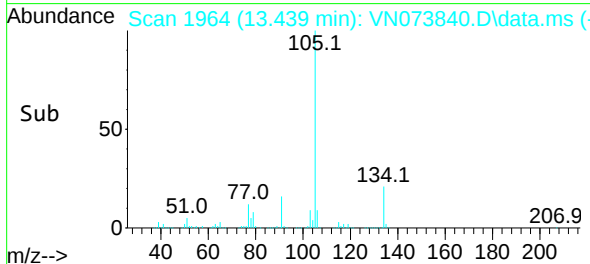
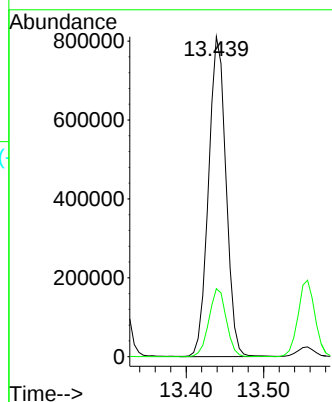
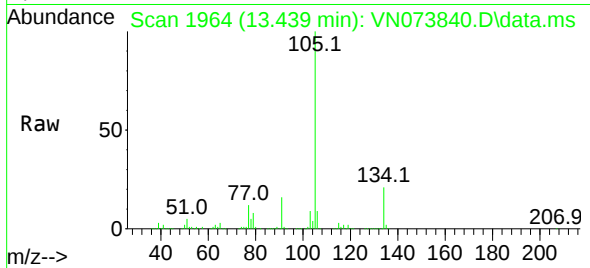




#85
 sec-Butylbenzene
 Concen: 56.345 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

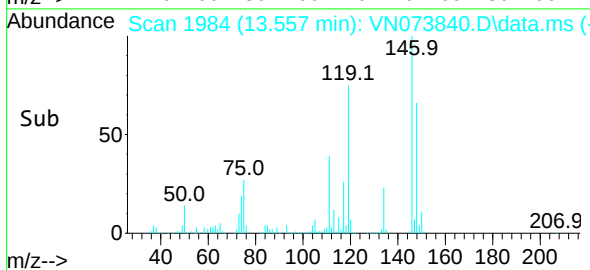
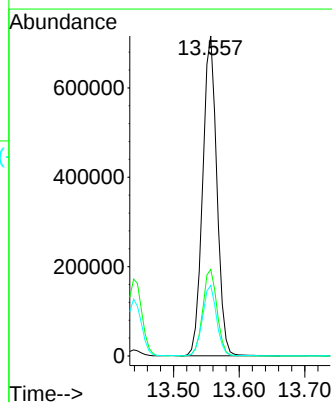
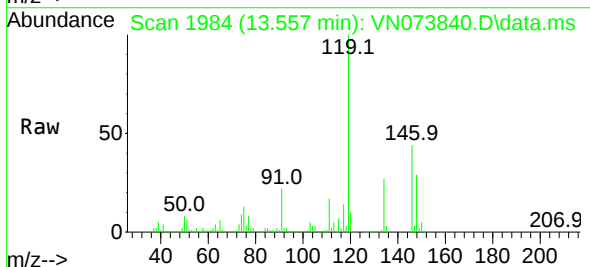
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

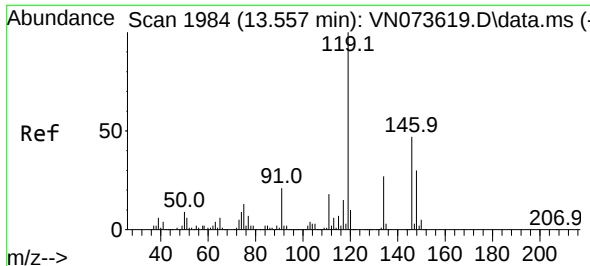
Tgt Ion:105 Resp: 1269225
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 60.741 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

Tgt Ion:119 Resp: 1078627
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 21.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 52.076 ug/l

RT: 13.551 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

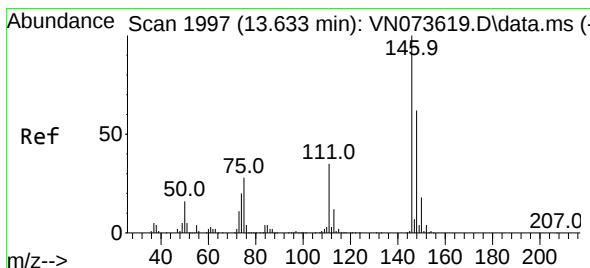
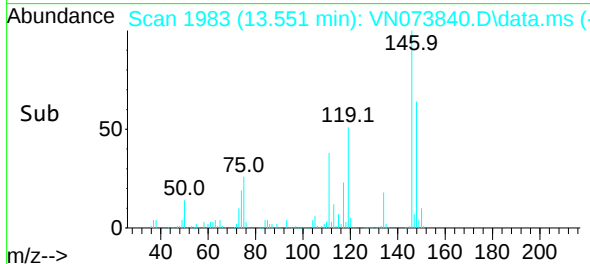
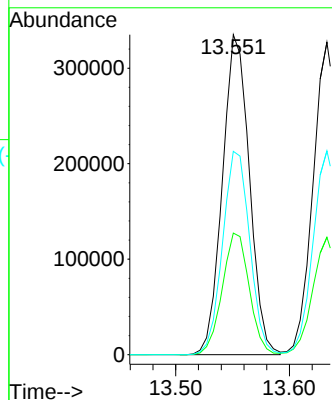
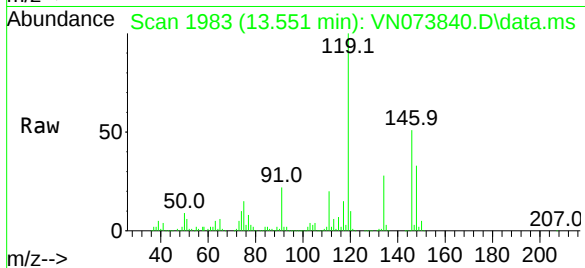
Tgt Ion:146 Resp: 553489

Ion Ratio Lower Upper

146 100

111 38.1 20.0 60.0

148 64.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 51.090 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

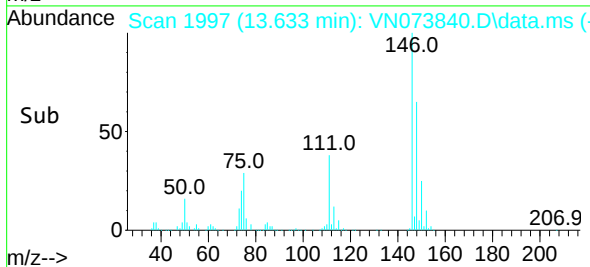
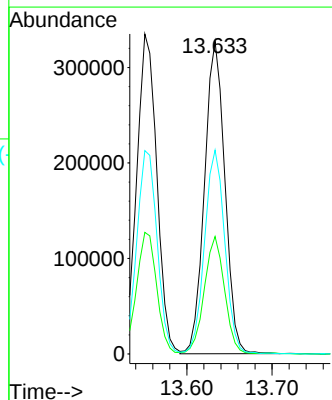
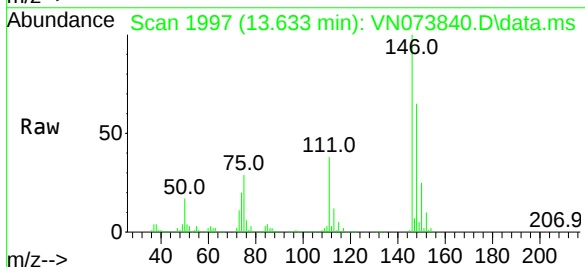
Tgt Ion:146 Resp: 543297

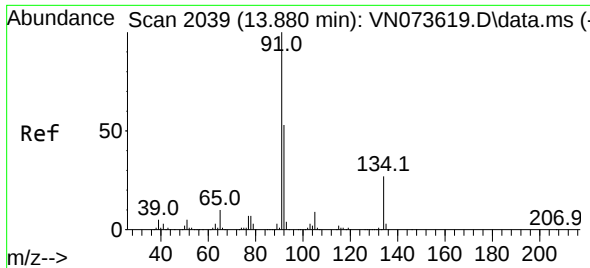
Ion Ratio Lower Upper

146 100

111 37.1 19.1 57.1

148 65.3 31.4 94.3

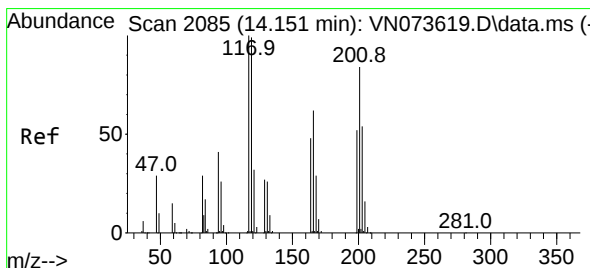
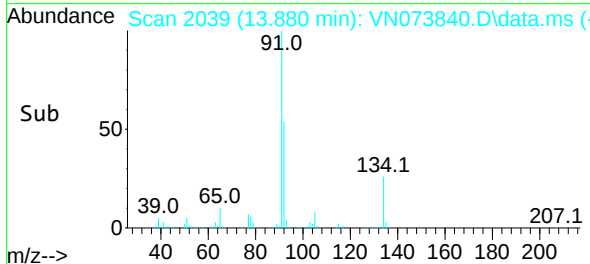
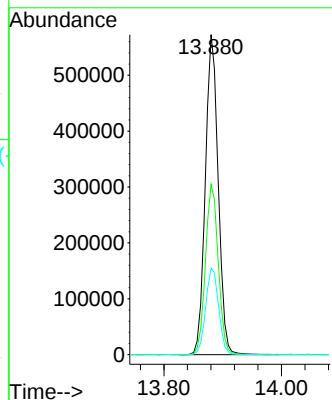
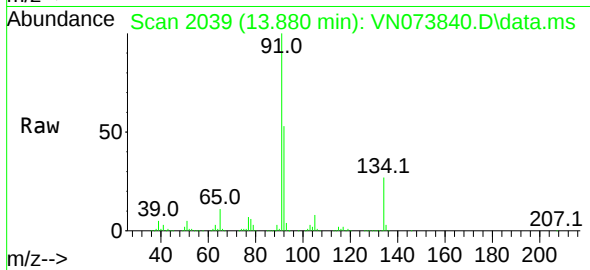




#89
n-Butylbenzene
Concen: 60.053 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

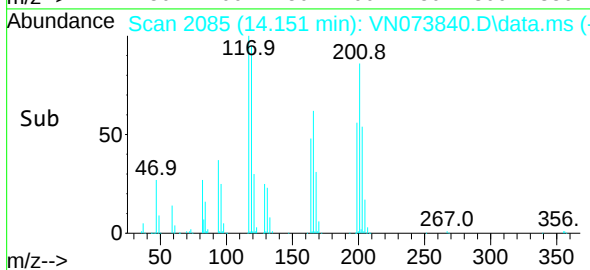
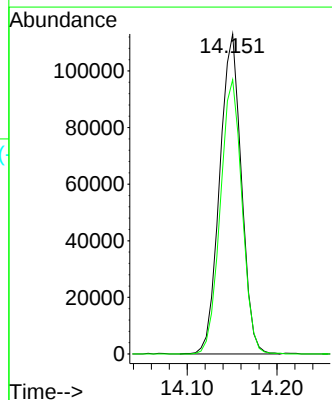
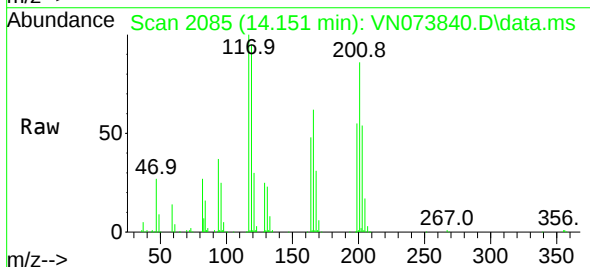
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

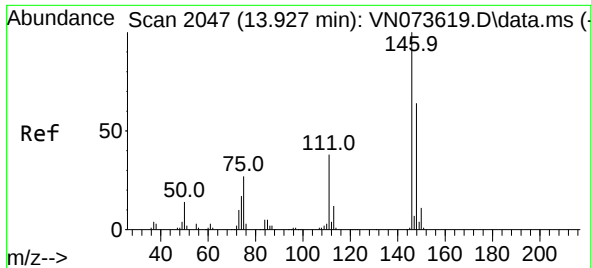
Tgt Ion: 91 Resp: 867679
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 27.3 13.6 40.8



#90
Hexachloroethane
Concen: 53.817 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073840.D
Acq: 12 Aug 2022 10:02

Tgt Ion: 117 Resp: 189611
Ion Ratio Lower Upper
117 100
201 85.7 40.6 122.0

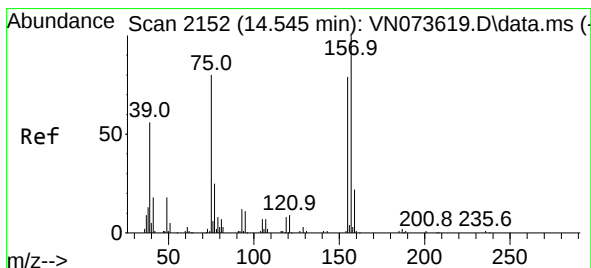
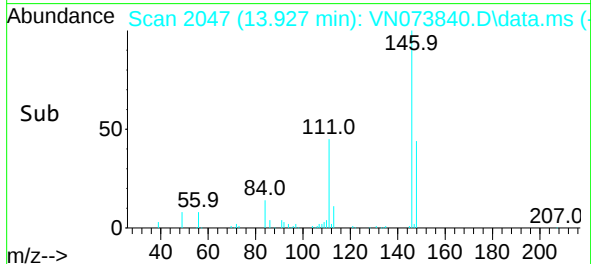
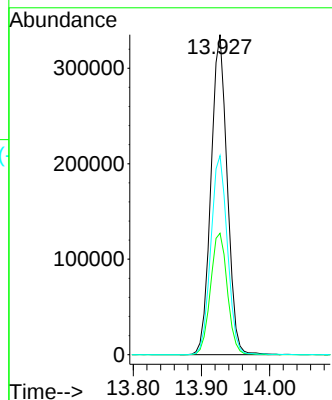
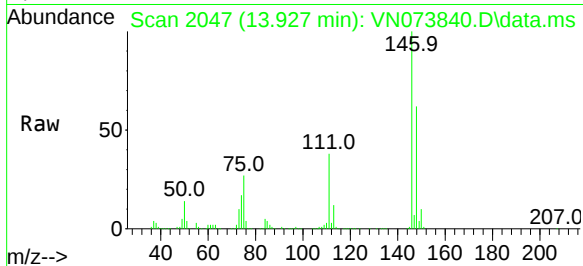




#91
 1,2-Dichlorobenzene
 Concen: 51.656 ug/l
 RT: 13.927 min Scan# 2047
 Delta R.T. -0.000 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

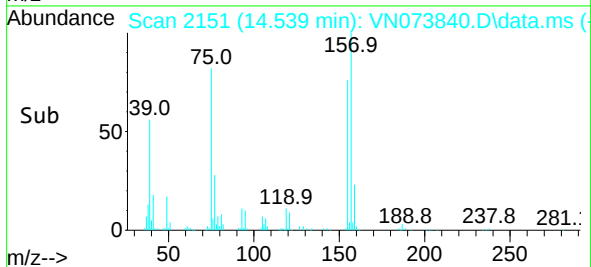
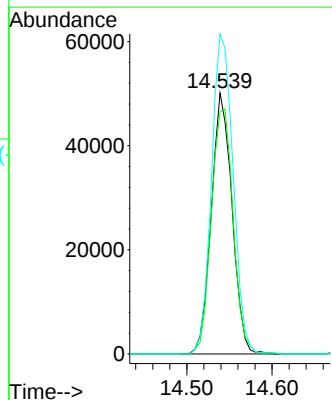
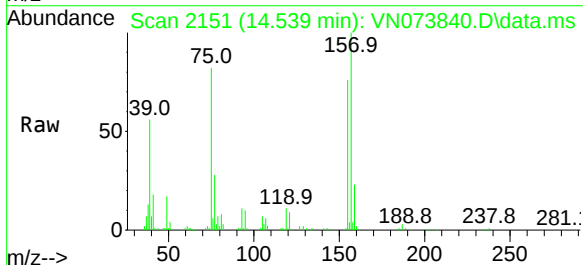
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

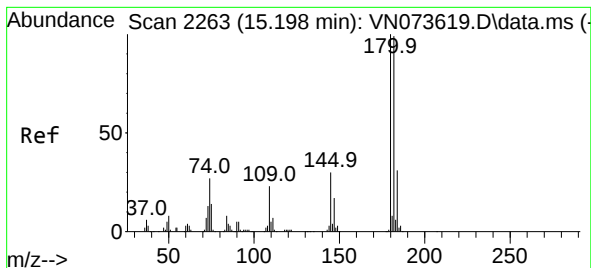
Tgt Ion:146 Resp: 556346
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.9 62.8
 148 63.6 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.963 ug/l
 RT: 14.539 min Scan# 2151
 Delta R.T. -0.006 min
 Lab File: VN073840.D
 Acq: 12 Aug 2022 10:02

Tgt Ion: 75 Resp: 84880
 Ion Ratio Lower Upper
 75 100
 155 99.0 44.9 134.5
 157 127.5 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 60.909 ug/l

RT: 15.198 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

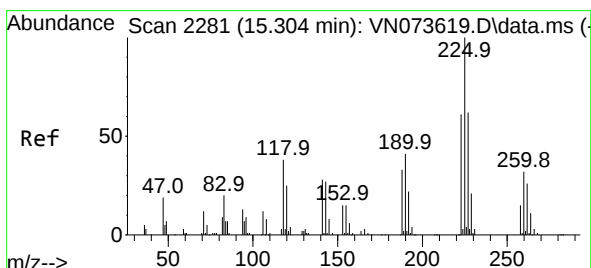
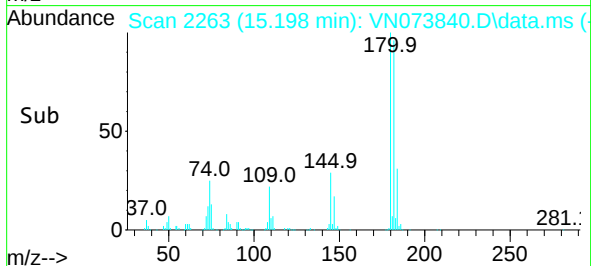
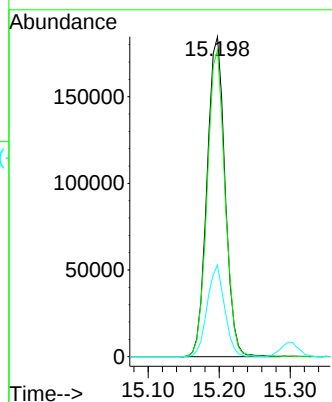
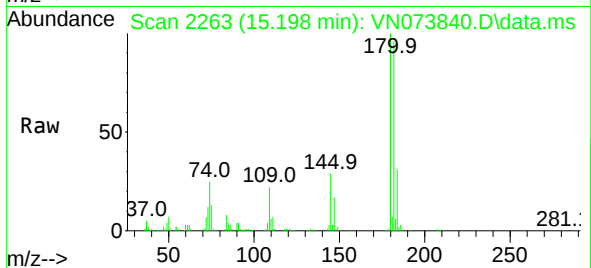
Tgt Ion:180 Resp: 325769

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.5

145 27.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 59.340 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.006 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

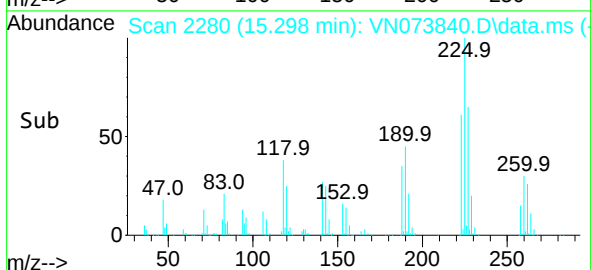
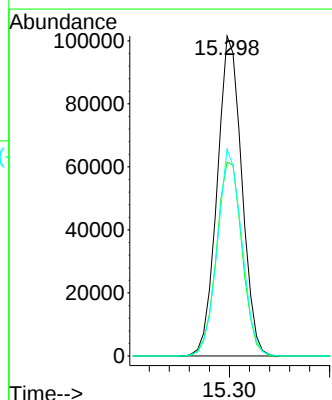
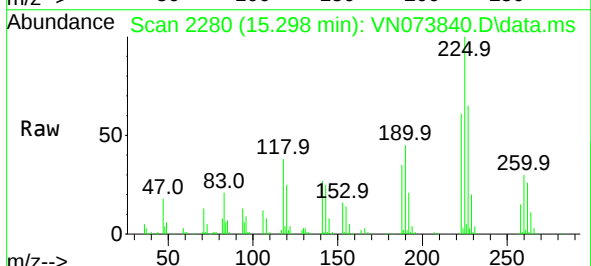
Tgt Ion:225 Resp: 172538

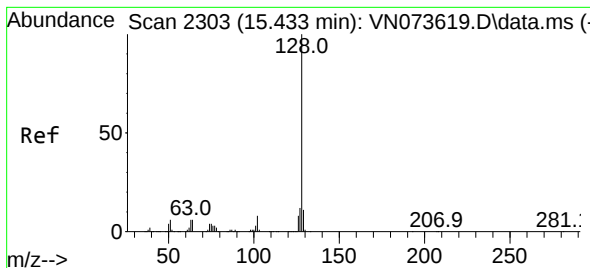
Ion Ratio Lower Upper

225 100

223 63.1 32.4 97.2

227 64.1 31.8 95.4





#95

Naphthalene

Concen: 56.996 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

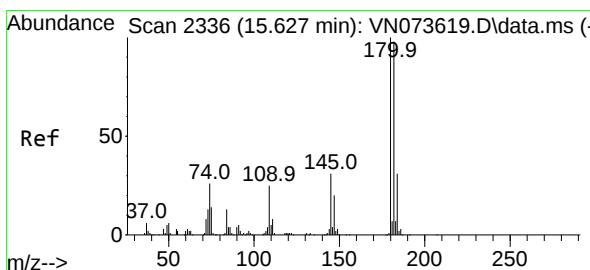
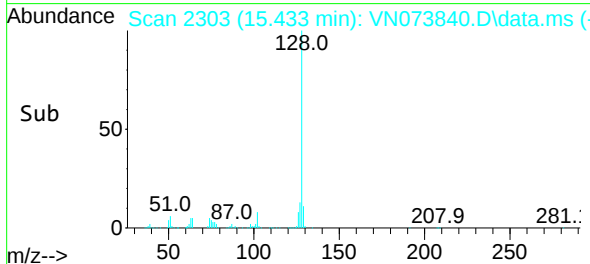
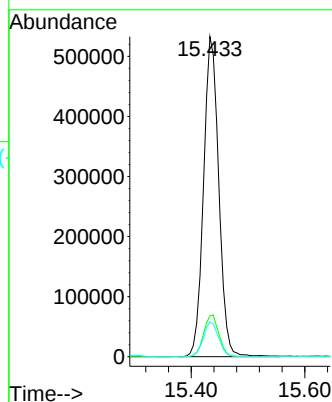
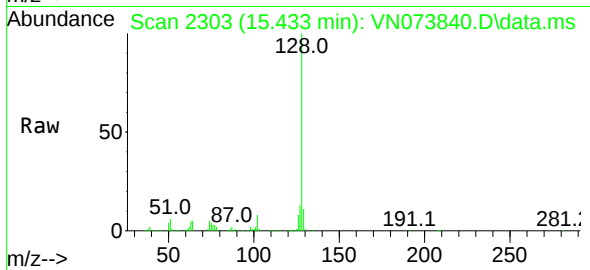
Tgt Ion:128 Resp: 989226

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 57.834 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VN073840.D

Acq: 12 Aug 2022 10:02

Tgt Ion:180 Resp: 325550

Ion Ratio Lower Upper

180 100

182 94.9 47.8 143.3

145 29.9 15.5 46.5

